

3000 SERIES

SLIDING WINDOWS
SLIDING DOORS



SINGLE or DOUBLE GLAZING



PRESS METAL

Press Metal Aluminium (Australia) Pty Limited
www.pmaa.net.au

SUPPORTED BY:



&



ISSUE: MAY 2022

GROUP INTRODUCTION

Press Metal Berhad (PMB) is a Multinational Corporation with headquarters in Kuala Lumpur, Malaysia, as well as operations in the United Kingdom, Australia, Hong Kong and Dubai. The Company was incorporated in 1986 and subsequently listed on the Kuala Lumpur Stock Exchange in 1993. PMB Technology Berhad, its subsidiary company, also became a public company in 2003.

PMB specializes in Aluminium Extrusion manufacturing and is one of the Largest producers in Southeast Asia. PMB Facade Sdn Bhd (Malaysia) and PMB-Cyberwall Ltd (Hong Kong), both under PMB Technology Berhad are Leading Curtain Wall Contractors in this region with an Excellent Track Record. The projects involved include many famed buildings such as Chep Lak Kok Airport (Hong Kong), Plaza 66 (Shanghai, China), Golden Hall (Macao) and a1 Bidda (Doha, Qatar) and so on.

Through continuous growth in the past Twenty Years, PMB has emerged to be an internationally well recognized establishment. To fulfill its aggressive expansion plan, it has relocated its major production facility to china by setting up Press metal international Ltd in Foshan, China in 2005. The factory sits on a 760,000m² area of land which will house a complete aluminium extrusion facility with eventual production capacity of 200,00 tonnes per annum.

Press Metal Aluminium (Australia) Pty Ltd, is part of the Press metal Berhad (PMB) Group and is the Australian Distributer for all Aluminium Extrusions Manufactured by the group.

The Window and Sliding Door products shown in this catalogue are all Australian Designed and Australian Tested, to compliance with the Relevant Australian Standards.

PRESS METAL ALUMINIUM (AUSTRALIA) PTY LTD - SALES OFFICE CONTACTS

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ALLOY 6063

Description of Alloy

Alloy 6063 provides a good combination of extrudability and mechanical properties. Its excellent extrudability allows thin-walled hollow shapes, intricate solid and other shapes that are usually difficult to extrude with satisfactory finish, to be produced more easily. It responds well to polishing, chemical brightening, anodizing and dyeing.

All Aluminium Extrusions in this catalogue are extruded in compliance with the specifications of Australian Standards AS-NZS1866-1997.

Characteristics

- Welding:** Alloy 6063 is readily welded by the MIG and TIG processes. The recommended filler alloy, particularly when welding exposed surfaces that will be anodized for decorative purpose, is 5356. Alloy 4043 may be used in other cases.
- Rivets:** Alloy 6053-T61
- Machining:** Readily machined in all temper given.
- Forming:** All tempers may be formed, the softer tempers accepting more severe forming.
- Corrosion:** Excellent resistance to the atmosphere, particularly for architectural applications.

Tempers Available

Extrude Shapes T1, T4, T5 and T6

**Other Alloys & Tempers Are Available
Please Check with Sales Office**

Chemical Composition

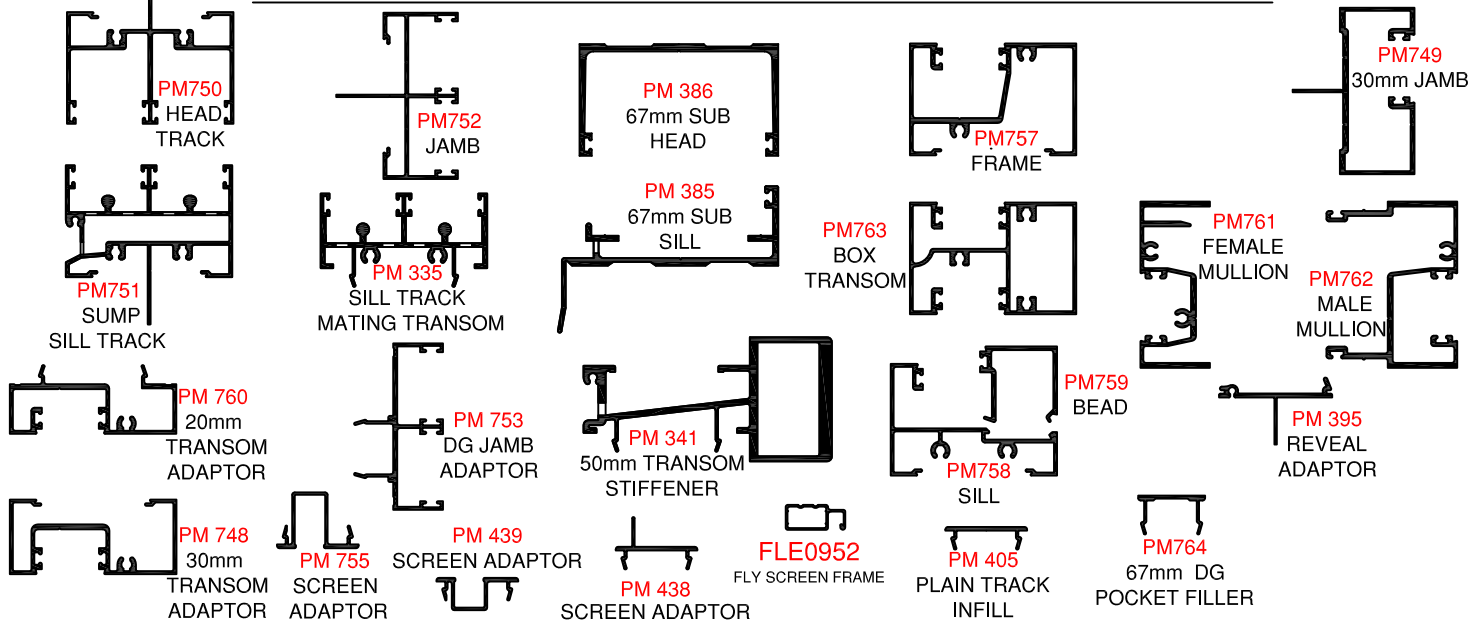
Alloy 6063 is a heat-treatable aluminium-magnesium-silicone alloy.

%	si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others	
									Each	Total
Min	0.20									
Max	0.60	0.35	0.10	0.10	0.90	0.10	0.10	0.10	0.05	0.15

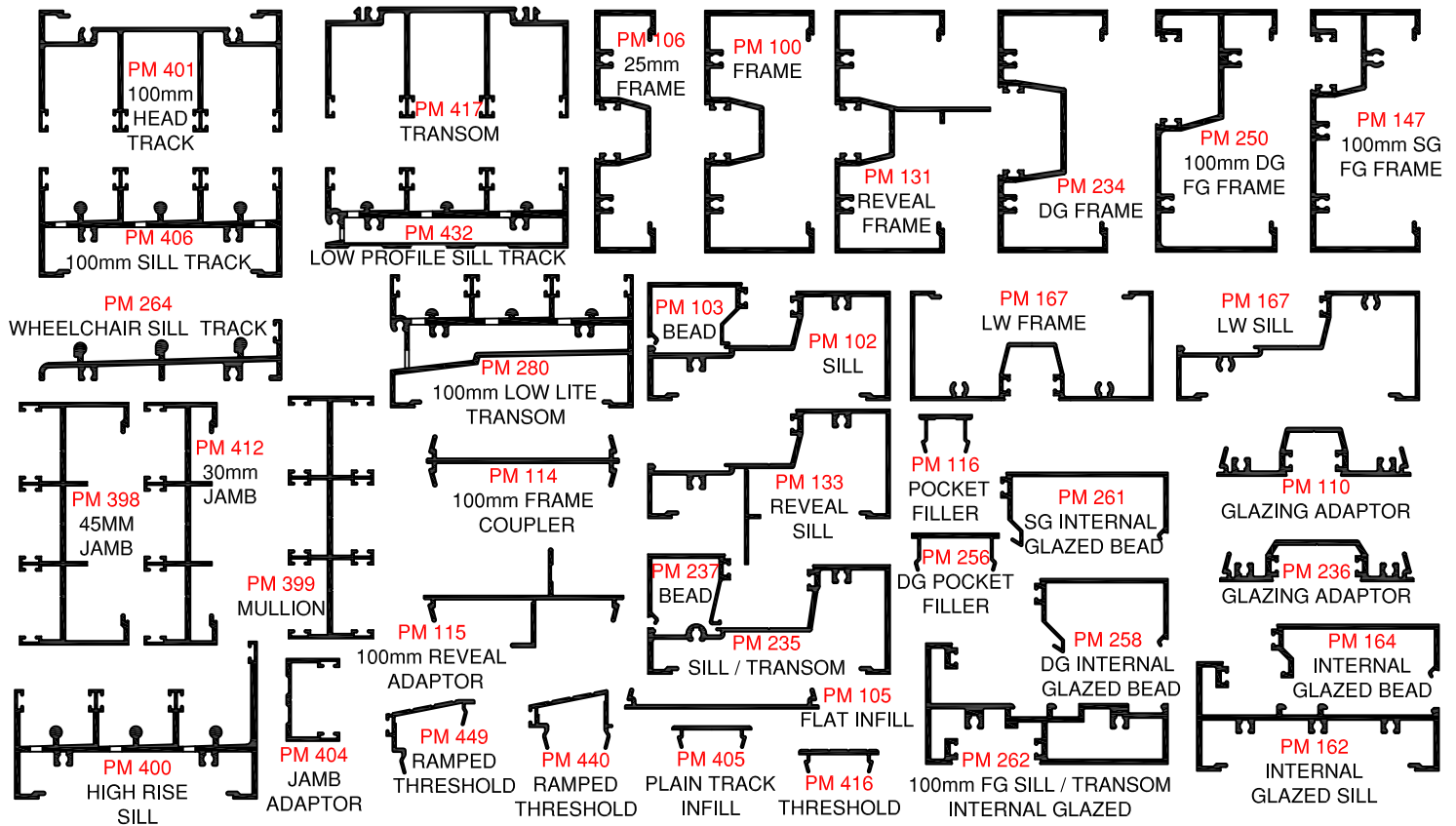
Mechanical Properties

Temper	Size (or) Thickness (3mm)		Tensile Strength (Mpa) min		Elongation %
	Over mm	Up To	UTS (Min)	Yield (Min)	
T1		12	115	60	12
	12	25	110	55	10
T4		12	130	70	12
	12	25	120	70	10
T5		12	150	110	8
	12	25	145	105	6
T6		12	205	170	8
	12	25	150	130	6

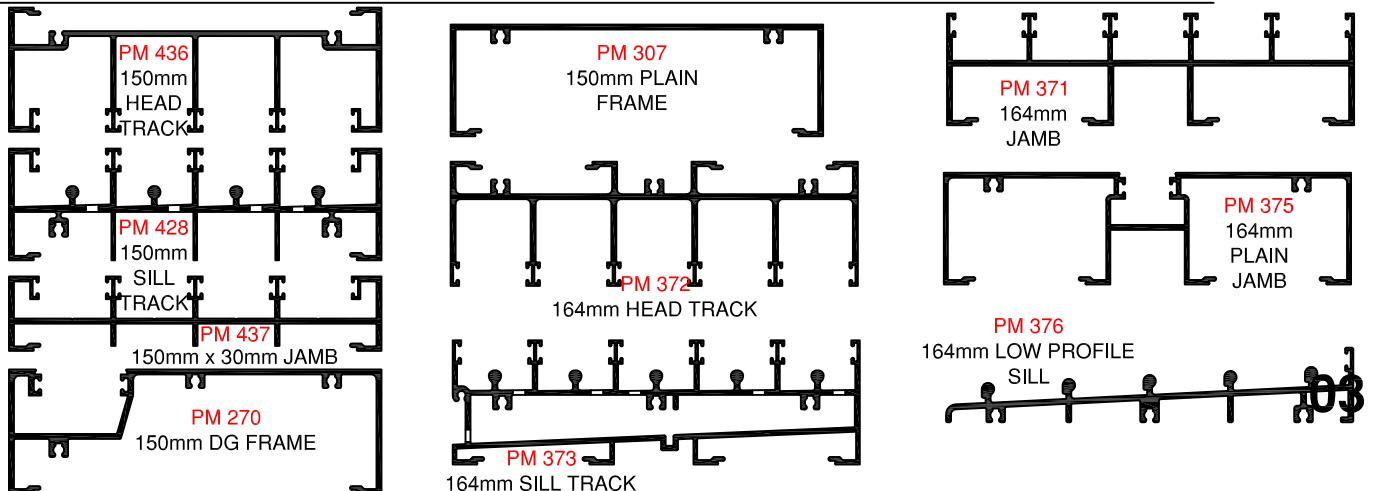
3001 - 3002 SERIES - 2 TRACK 67mm SLIDING WINDOW



3003 - 3004 - 3005 - 3006 SERIES - 3 TRACK - 100mm SLIDING WINDOW & DOOR



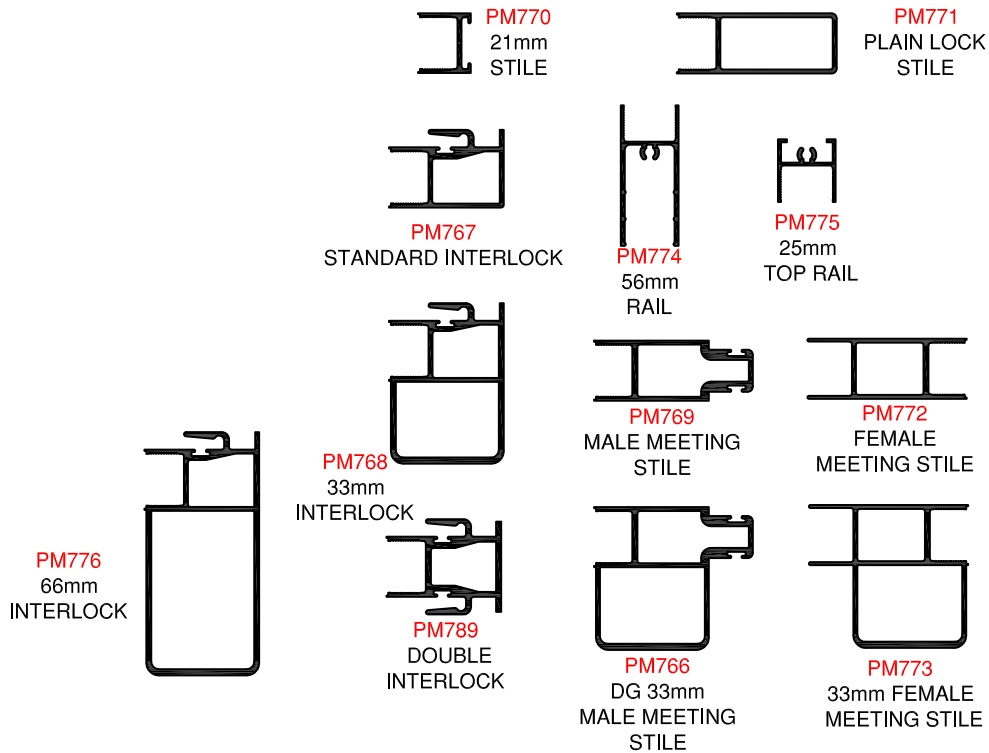
3005 - 3006 SERIES - 4 & 5 TRACK - 150mm - 164mm SLIDING DOOR





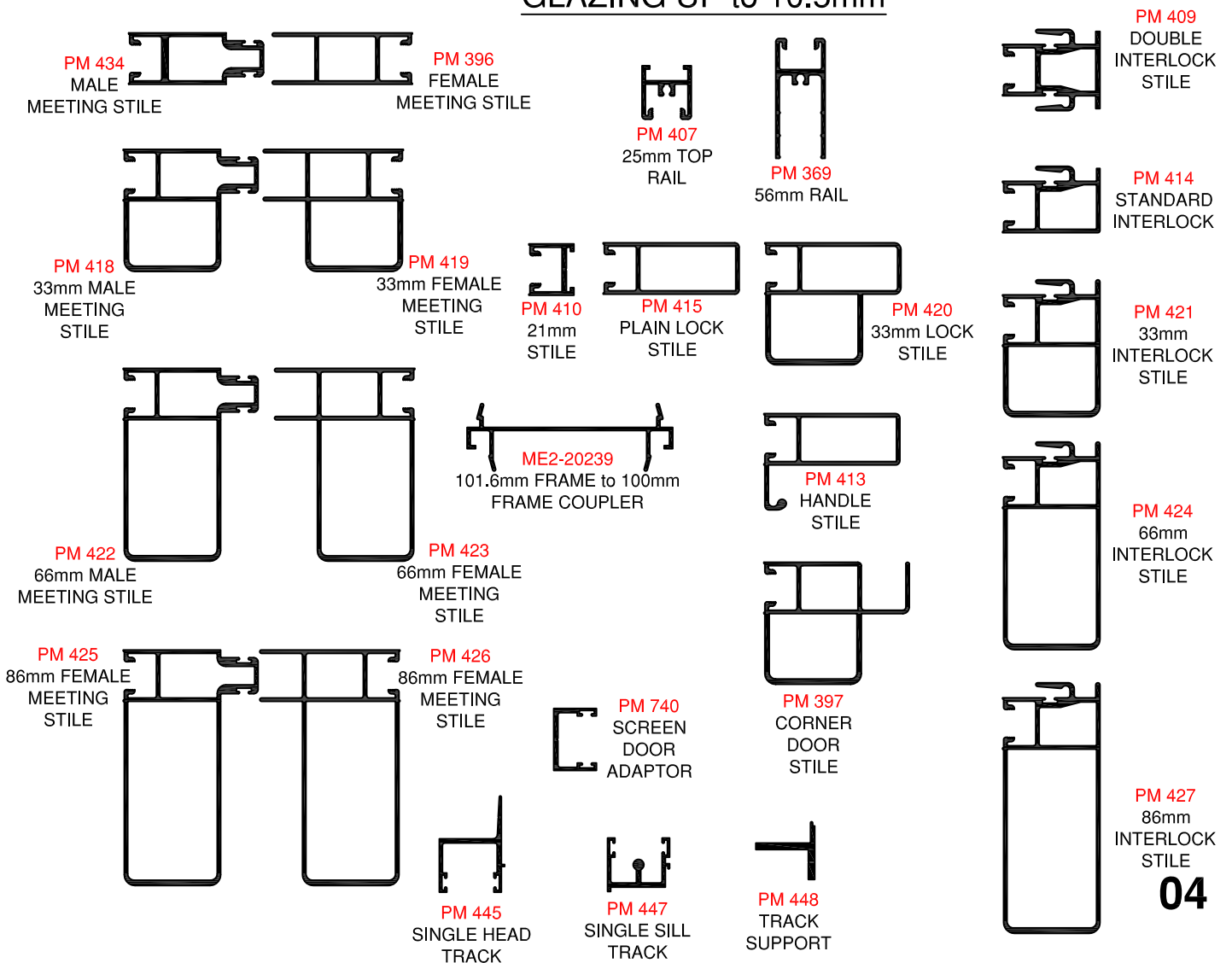
3000 SERIES - 20.6mm POCKET - SLIDING SASH SECTIONS

GLAZING UP to 18.76mm

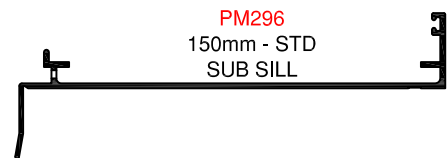
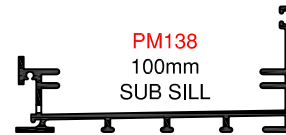
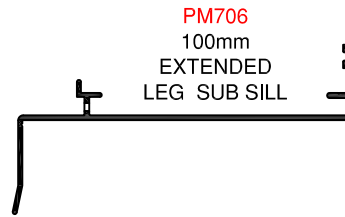
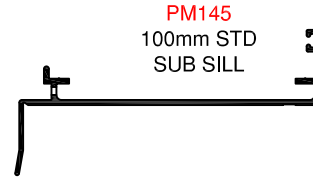
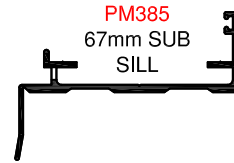
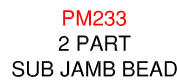
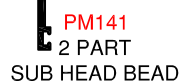
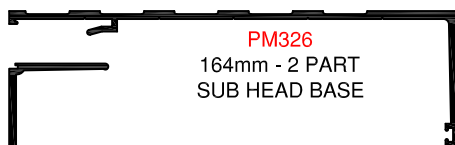
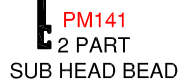
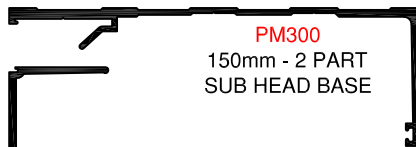
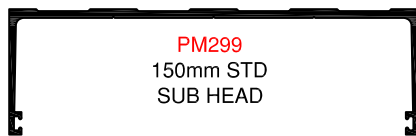
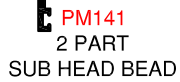
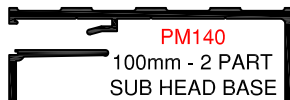
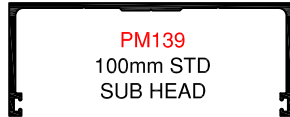
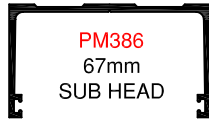


3000 SERIES - 13mm POCKET - SLIDING SASH SECTIONS

GLAZING UP to 10.5mm



SUB FRAMES



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3001 SERIES

DOUBLE GLAZED SLIDING WINDOWS - 67mm x 45mm Frame A01 to A21

3002 SERIES

SINGLE GLAZED SLIDING WINDOWS - 67mm x 45mm Frame A22 to A34

3003 SERIES

DOUBLE GLAZED SLIDING WINDOWS - 100mm x 45mm Frame A35 to A56

3004 SERIES

SINGLE GLAZED SLIDING WINDOWS - 100mm x 45mm Frame A57 to A78

3005 SERIES

DOUBLE GLAZED SLIDING DOORS - 100mm x 45mm Frame A79 to A116
 - 150mm x 45mm Frame
 - 163mm x 45mm Frame

3006 SERIES

SINGLE GLAZED SLIDING DOORS - 100mm x 45mm Frame A117 to A156
 - 150mm x 45mm Frame
 - 163mm x 45mm Frame

STRENGTH CHARTS

B01 to B30

ACOUSTIC CHARTS

B31 to B45

THERMAL CHARTS

B46 to B48



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NOTES:

A large grid area for taking notes, consisting of a 40x40 grid of small squares.



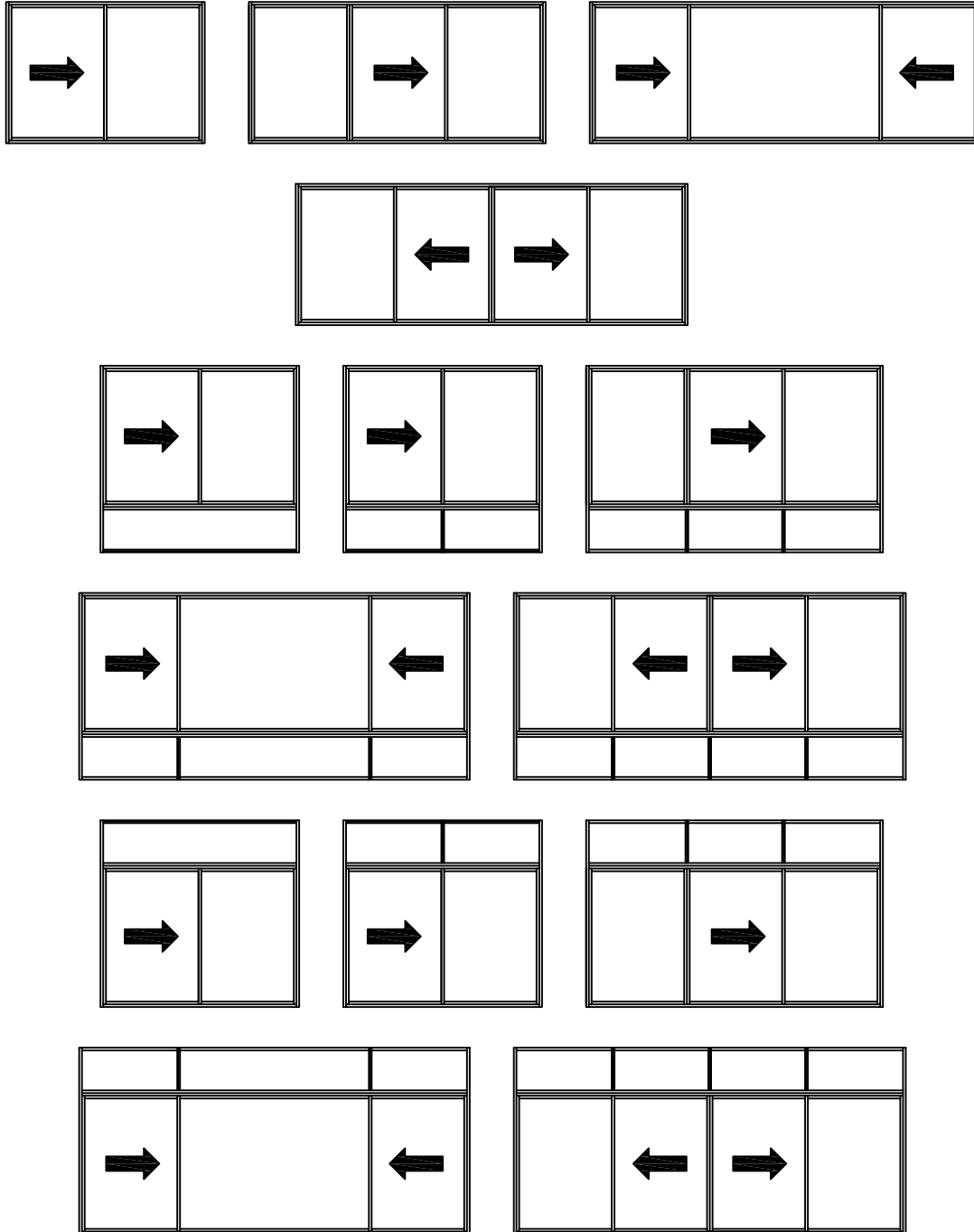
SECTION: A

- 3001 - 3002 Series Sliding Windows
- 3003 - 3004 series Sliding Windows
- 3005 - 3006 series Sliding Doors

Pages: A01 to B118



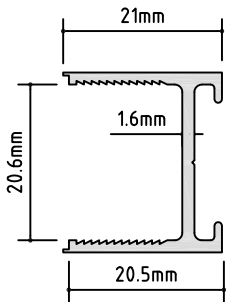
67mm x 45mm - 2 TRACK SLIDING WINDOW CONFIGURATIONS



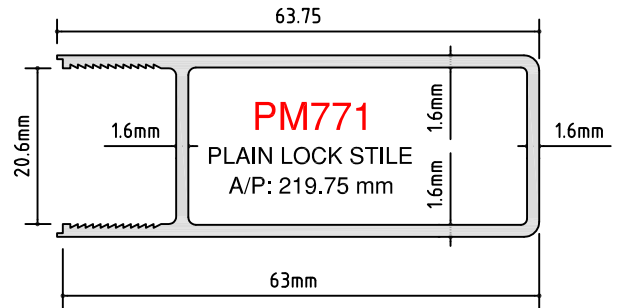
3001 SERIES WINDOWS - DOUBLE GLAZING
3002 SERIES WINDOWS - SINGLE GLAZING

SLIDING SASH PROFILES 20.6mm POCKET DOUBLE GLAZING to 18.76mm

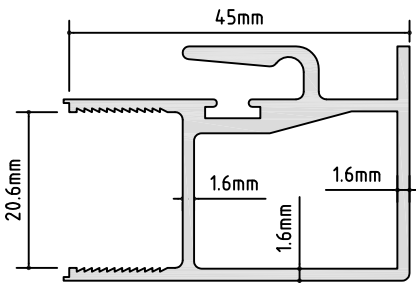
SCALE 1:1



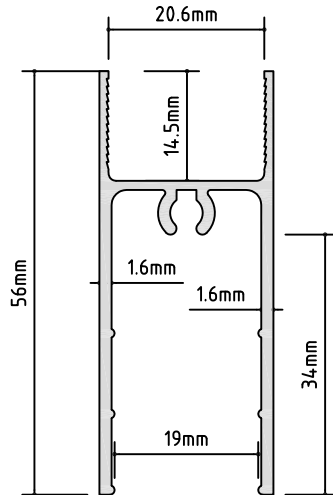
PM770
21mm L/W STILE
A/P: 150.08 mm



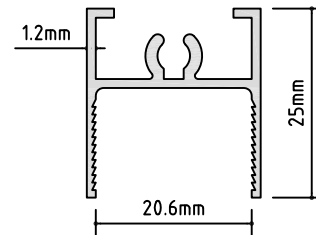
PM771
PLAIN LOCK STILE
A/P: 219.75 mm



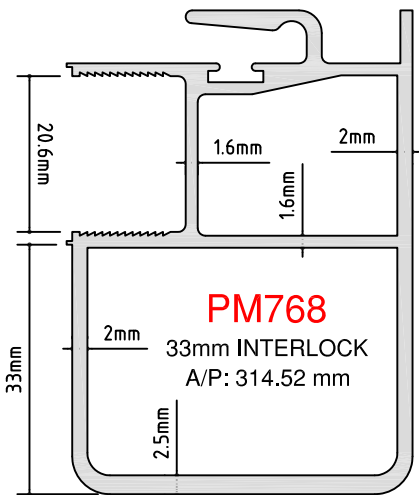
PM767
STANDARD INTERLOCK
A/P: 252.38 mm



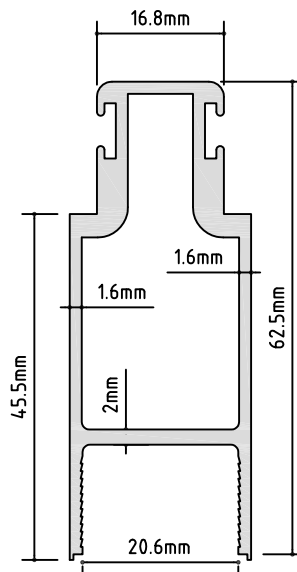
PM774
56mm L/W RAIL
A/P: 295.49 mm



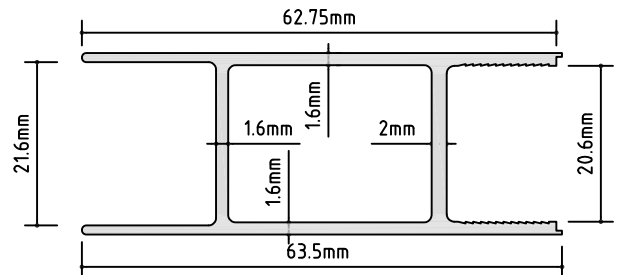
PM775
25mm L/W TOP RAIL
A/P: 191.68 mm



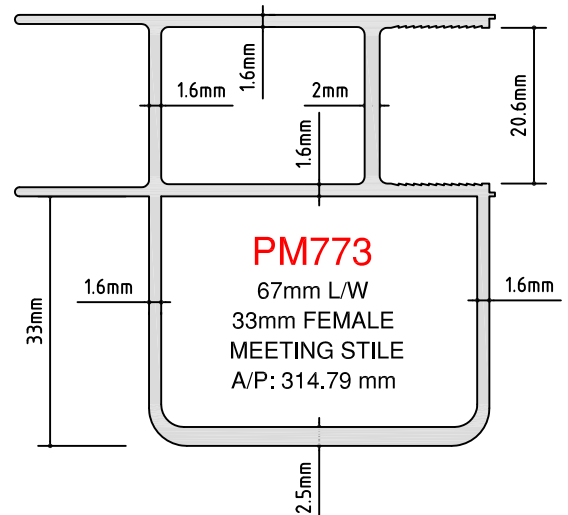
PM768
33mm INTERLOCK
A/P: 314.52 mm



PM769
67mm L/W
MALE MEETING STILE
A/P: 237.54 mm



PM772
67mm L/W
FEMALE MEETING STILE
A/P: 253.08 mm

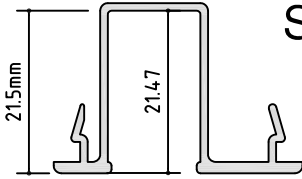


PM773
67mm L/W
33mm FEMALE
MEETING STILE
A/P: 314.79 mm



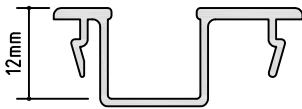
67mm x 45mm - 2 TRACK SLIDING WINDOW SECTIONS

SCALE 1:1



PM 755
 SCREEN ADAPTOR
 A/P: 185.00 mm

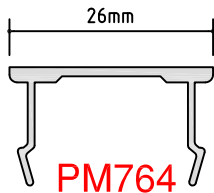
PM 439
 SCREEN ADAPTOR
 A/P: 147.00 mm



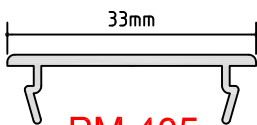
PM 438
 SCREEN ADAPTOR
 A/P: 124.91 mm



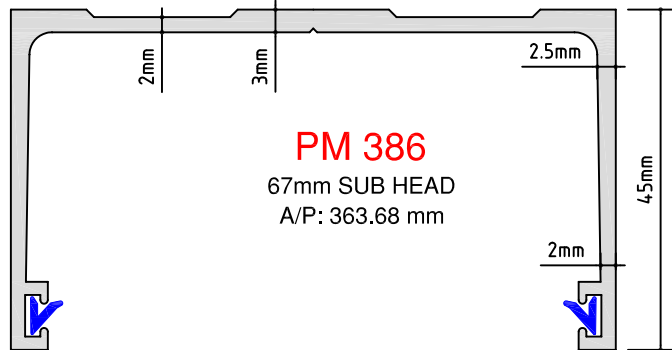
FLE0952
 FLY SCREEN FRAME
 A/P: 82.94 mm



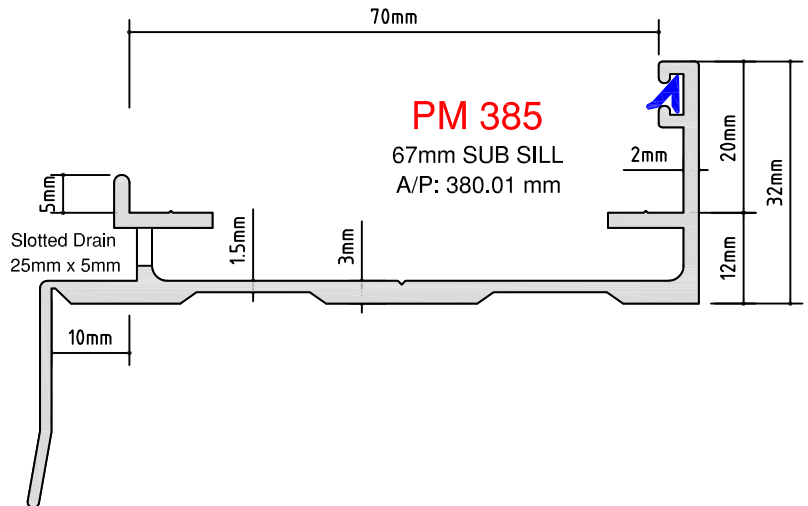
PM764
 67mm
 DG POCKET FILLER
 A/P: 114.52 mm



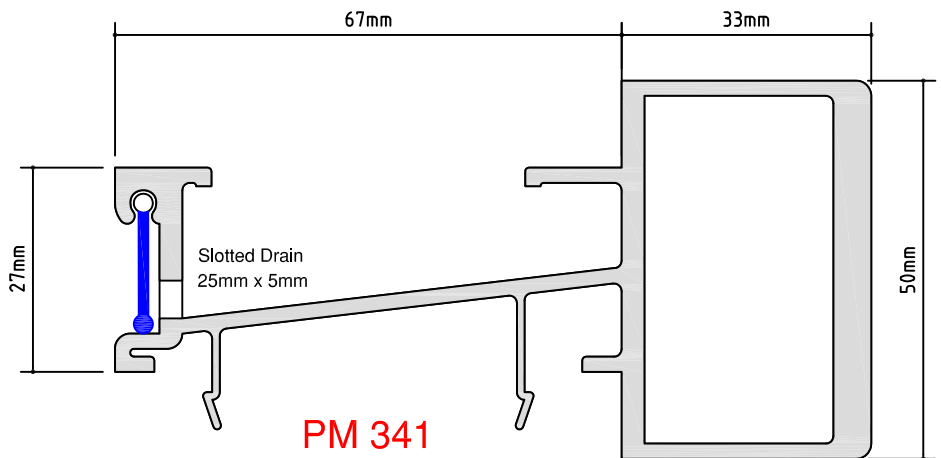
PM 405
 PLAIN TRACK INFILL
 A/P: 101.34 mm



PM 386
 67mm SUB HEAD
 A/P: 363.68 mm



PM 385
 67mm SUB SILL
 A/P: 380.01 mm

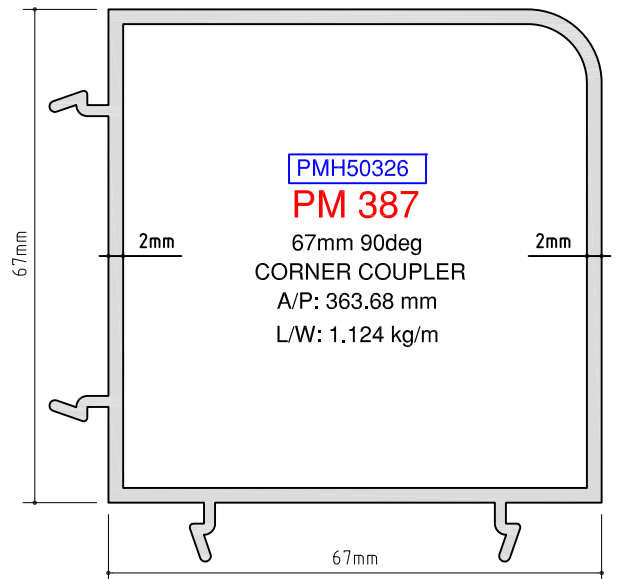
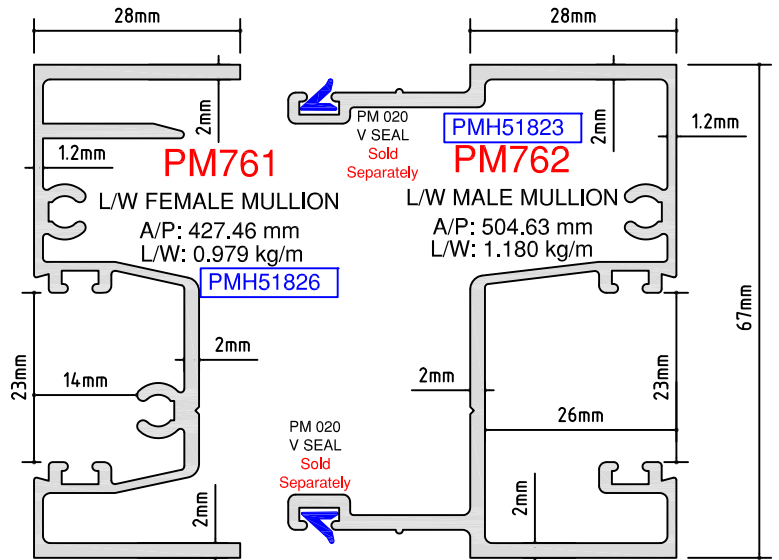
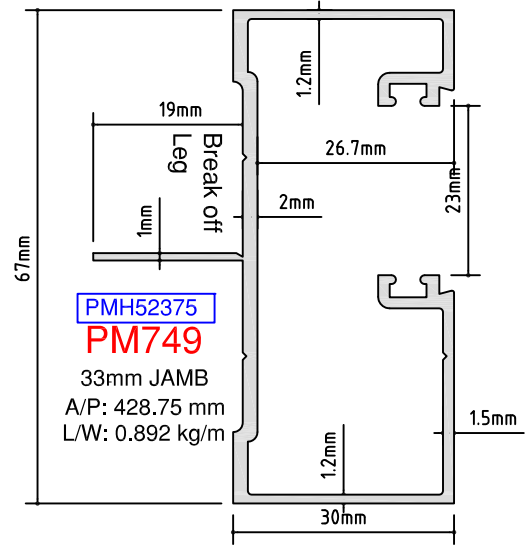
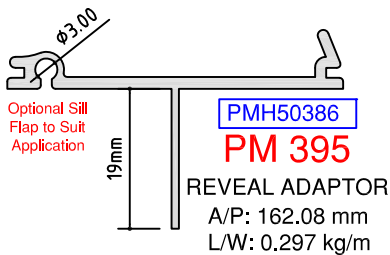
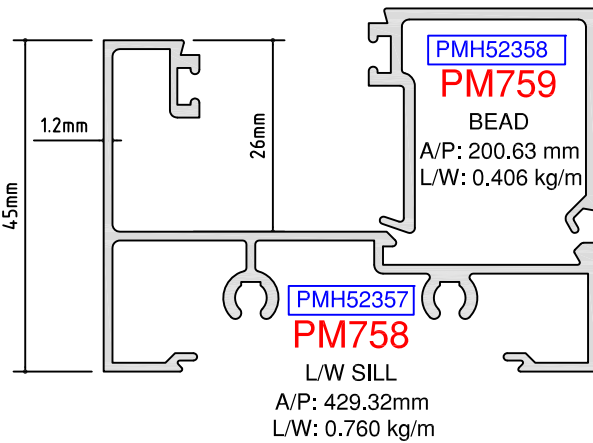
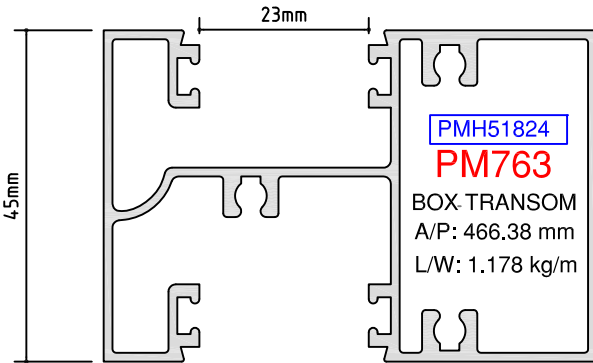
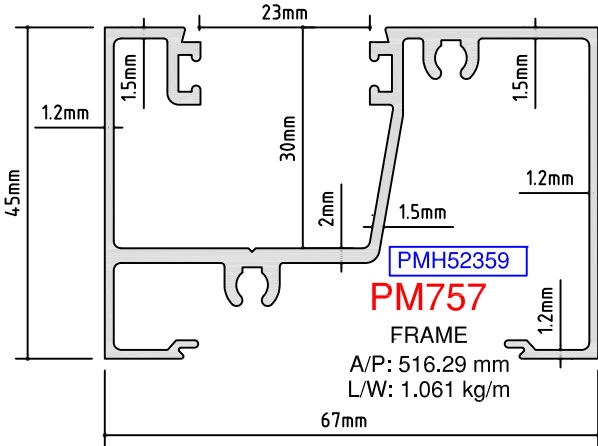


PM 341
 50mm TRANSOM STIFFENER
 A/P: 477.53 mm



67mm x 45mm - FRAME 23mm GLAZING POCKET

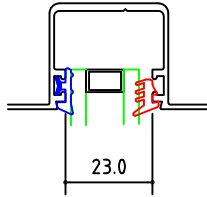
SCALE 1:1



67mm x 45mm DOUBLE GLAZING DETAILS

ROLL IN WEDGE + ROLL IN WEDGE









Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM004	PM004
10.38mm		
12.00mm	PM006	PM007
12.50mm		
14mm DGU	PM005	PM007
16mm DGU	PM005	PM005
18mm DGU	PM008	PM008



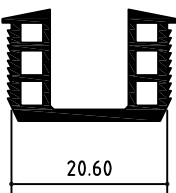
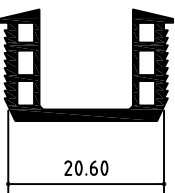
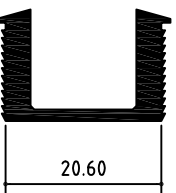
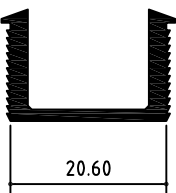
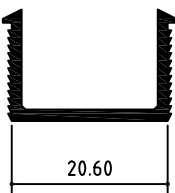
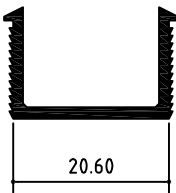
CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM001	PM004
10.38mm		
12.00mm	PM001	PM007
12.50mm		
14mm DGU	PM002	PM006
16mm DGU	PM002	PM005
18mm DGU	PM003	PM008

WEDGE TYPES (P.V.C MATERIAL)



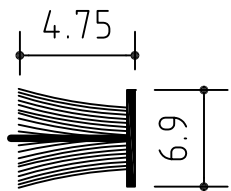
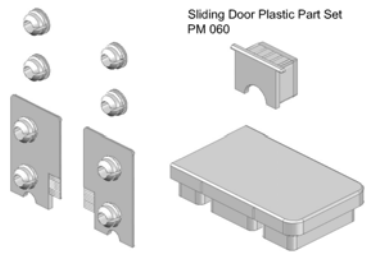
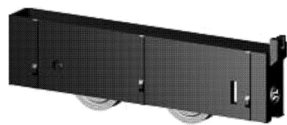
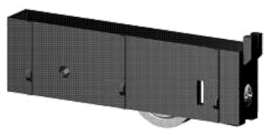
							
White Back	Red Back	Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

SASH GLAZING CHANNELS

PM0011 6-6.5mm  20.60 Marco QMW186	PM0012 10-10.5mm  20.60 Marco QMW187	PM0013 12-12.5mm  20.60 Marco QMW188	PM0014 16-16.5mm  20.60 Marco QMW189	PM0015 18mm  20.60 Marco QMW200	PM0016 18.76mm  20.60 Everton V127
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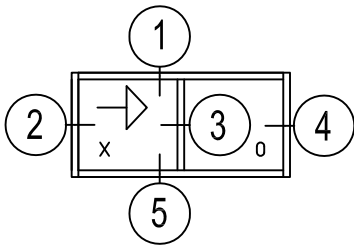


COMPONENTS

SHAPE	PART No:	FITS TO SECTIONS
	PM014 SILL FLAP	PM751, PM341
	PM020 MULLION / SUB FRAME V SEAL	PM385, PM386, PM762
	PM 025 FINNED WOOL PILE	PM335, PM750, PM751, PM752, PM753, PM767, PM768, PM769,
 <p>Sliding Door Plastic Part Set PM 060</p>	PM 060 3006 SERIES SASH PLASTIC PART SET	PM767, PM768, PM769, PM771, PM773,
	PM 065 100kg DOUBLE WHEEL ROLLER	PM774
	PM 066 50kg SINGLE WHEEL ROLLER	PM774

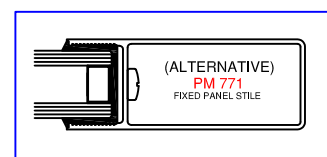
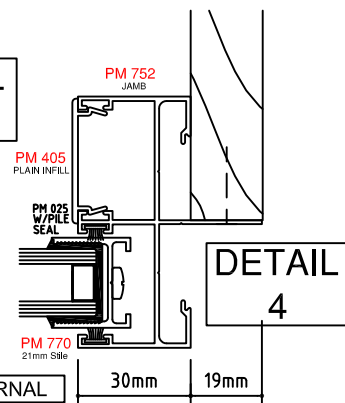
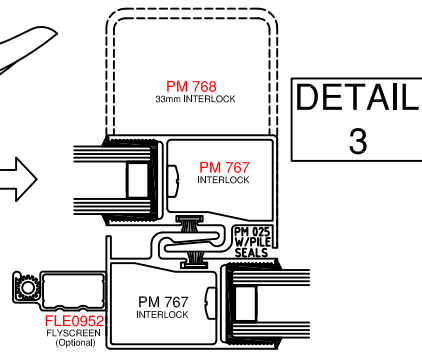
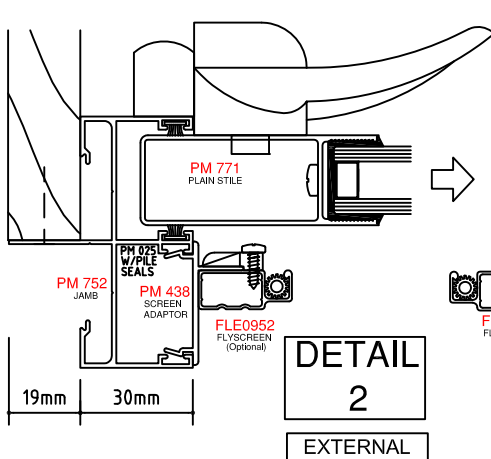
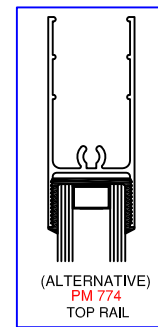
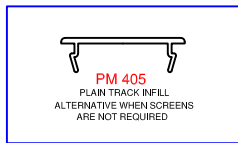
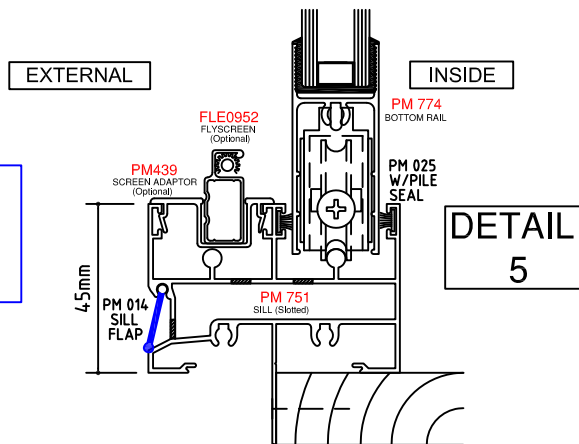
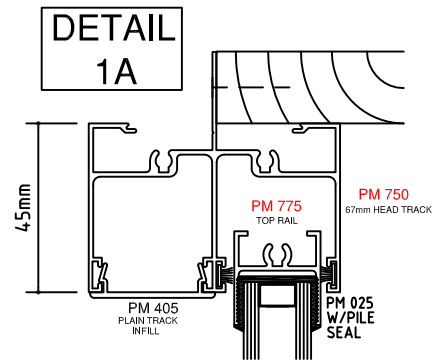
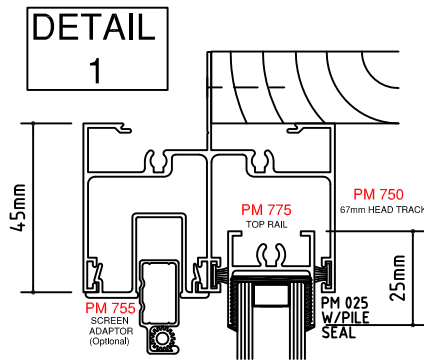


67mm x 45mm - 2 TRACK - XO - OX SLIDING WINDOW - DETAILS REVEAL INSTALLATION



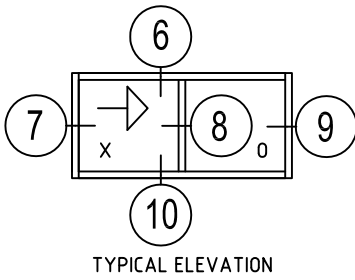
TYPICAL ELEVATION

DETAIL
 SCALE 1:2

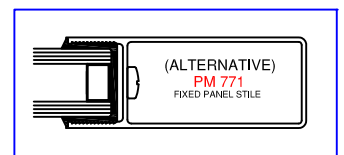
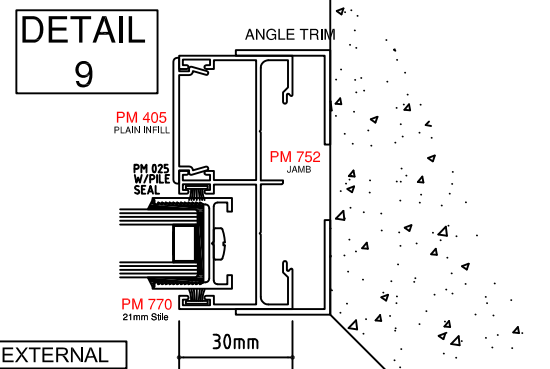
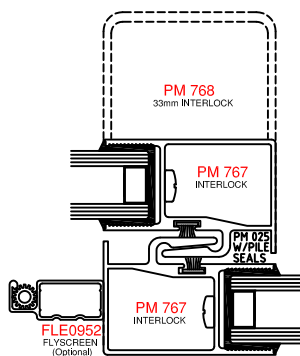
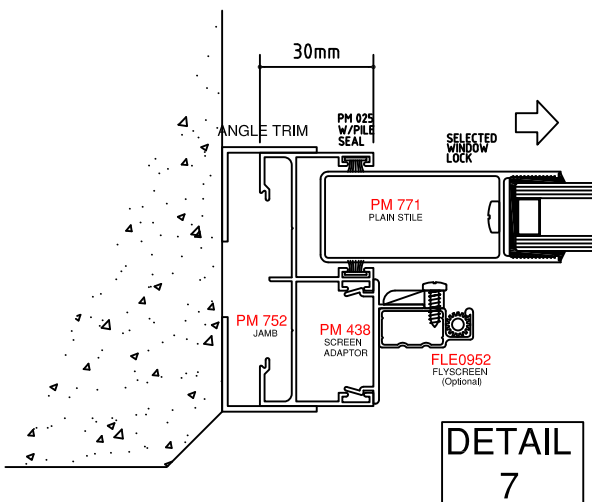
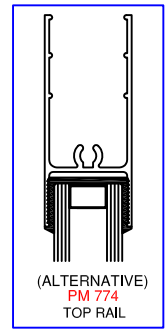
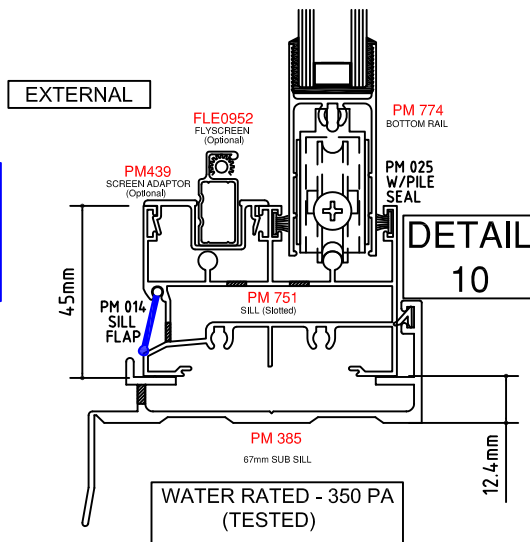
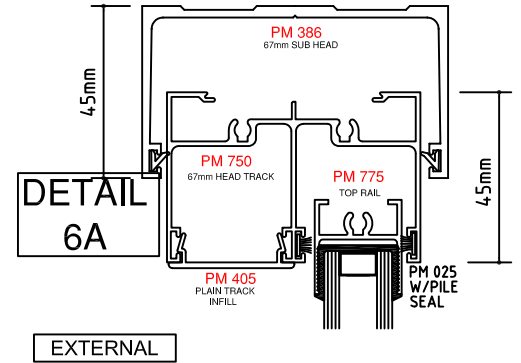
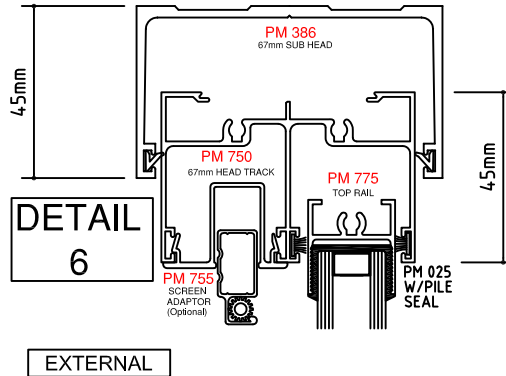




67mm x 45mm - 2 TRACK - XO - OX SLIDING WINDOW - DETAILS SUB HEAD & SILL INSTALLATION

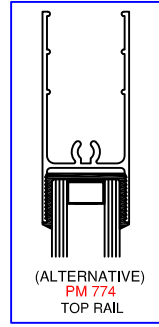
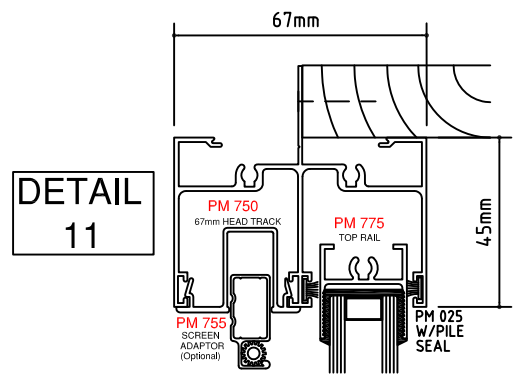
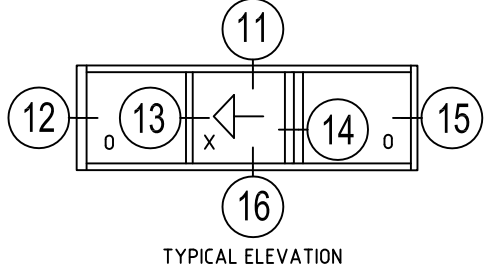


DETAIL
SCALE 1:2

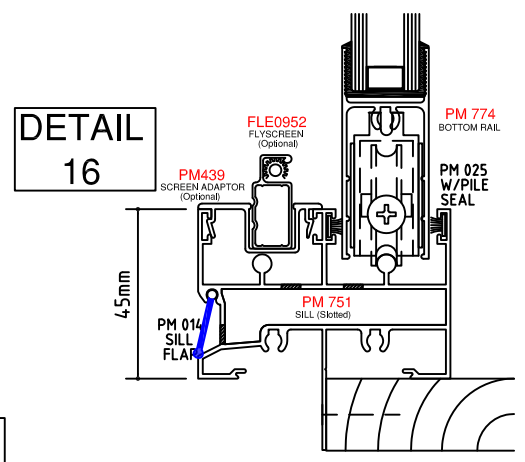


67mm x 45mm - 2 TRACK - OXLO - OXRO SLIDING WINDOW - DETAILS

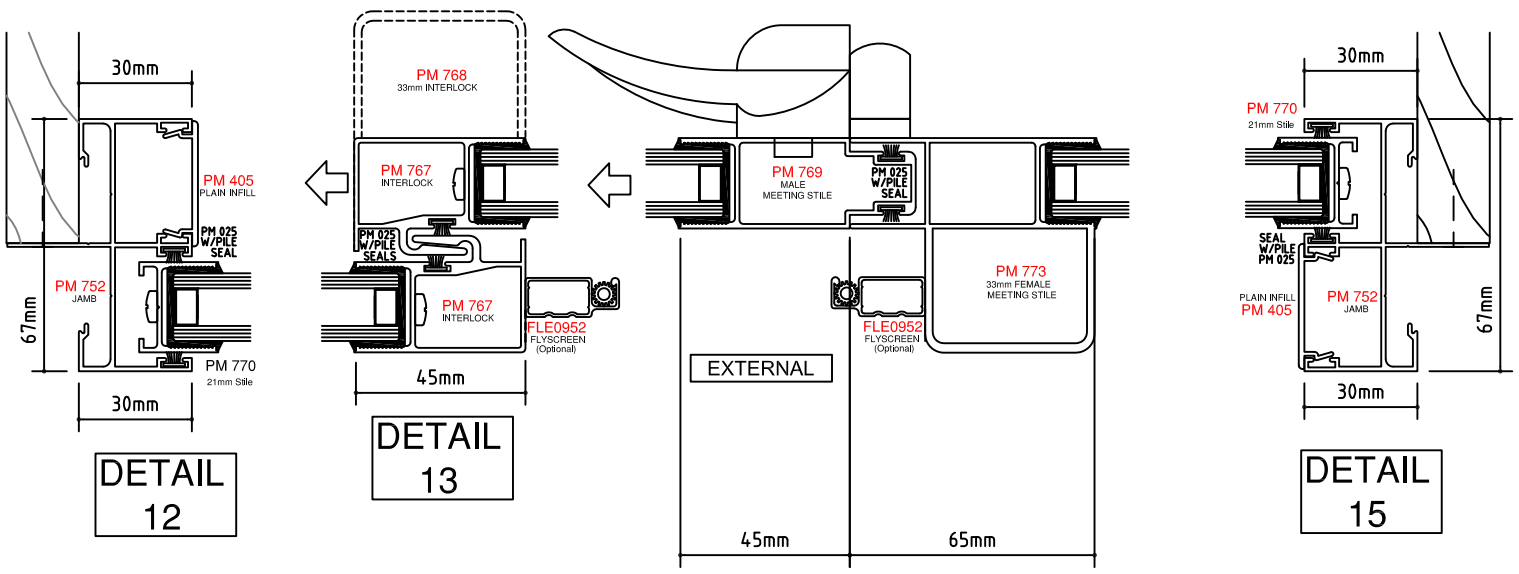
DETAIL
SCALE 1:2



EXTERNAL



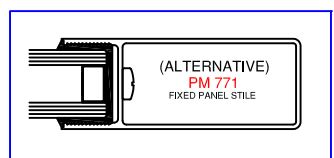
DETAIL
14



DETAIL
12

DETAIL
13

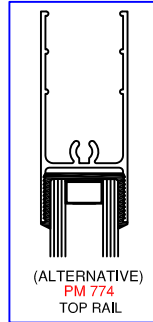
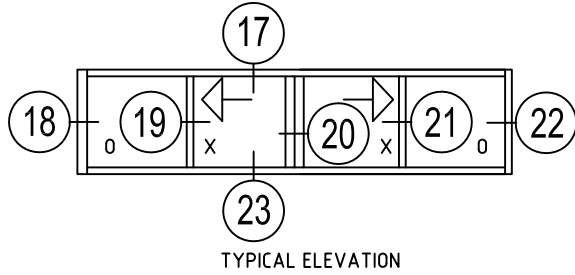
DETAIL
15



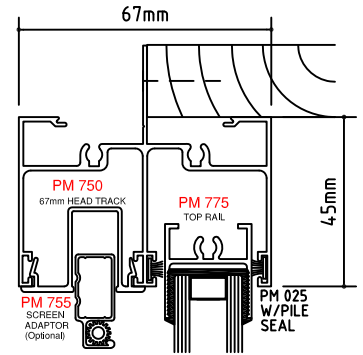


67mm x 45mm - 2 TRACK - OXXO SLIDING WINDOW - DETAILS

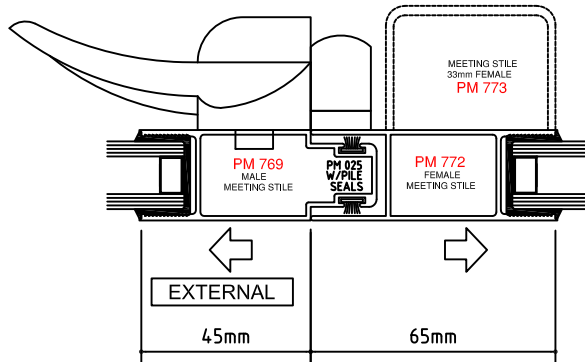
DETAIL
SCALE 1:2



DETAIL
17

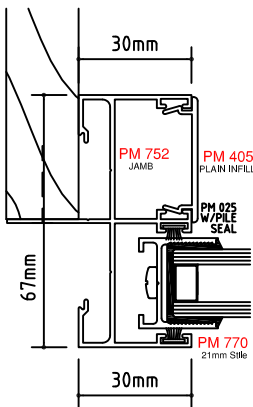
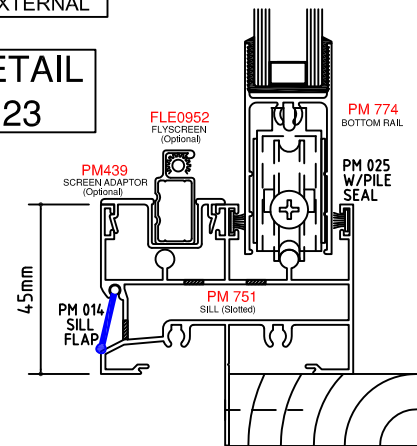


DETAIL
20

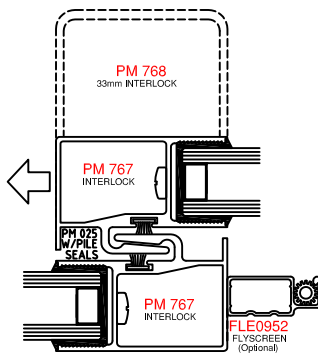


EXTERNAL

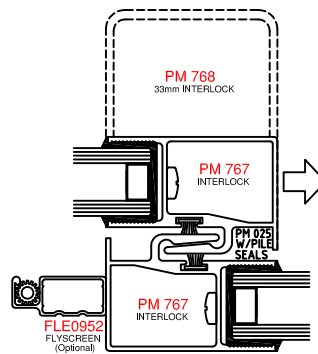
DETAIL
23



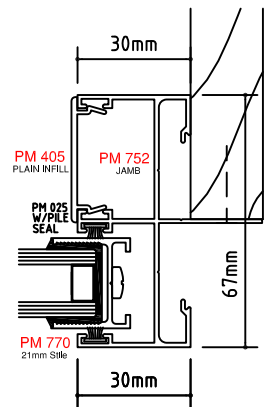
DETAIL
18



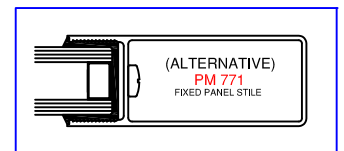
DETAIL
19



DETAIL
21



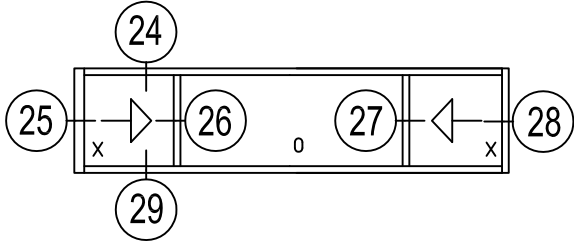
DETAIL
22



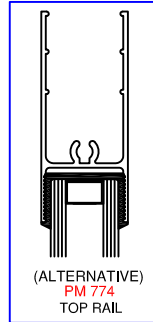


67mm x 45mm - 2 TRACK - XOX SLIDING WINDOW - DETAILS

DETAIL
 SCALE 1:2

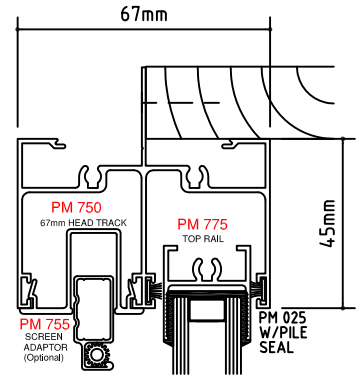


TYPICAL ELEVATION



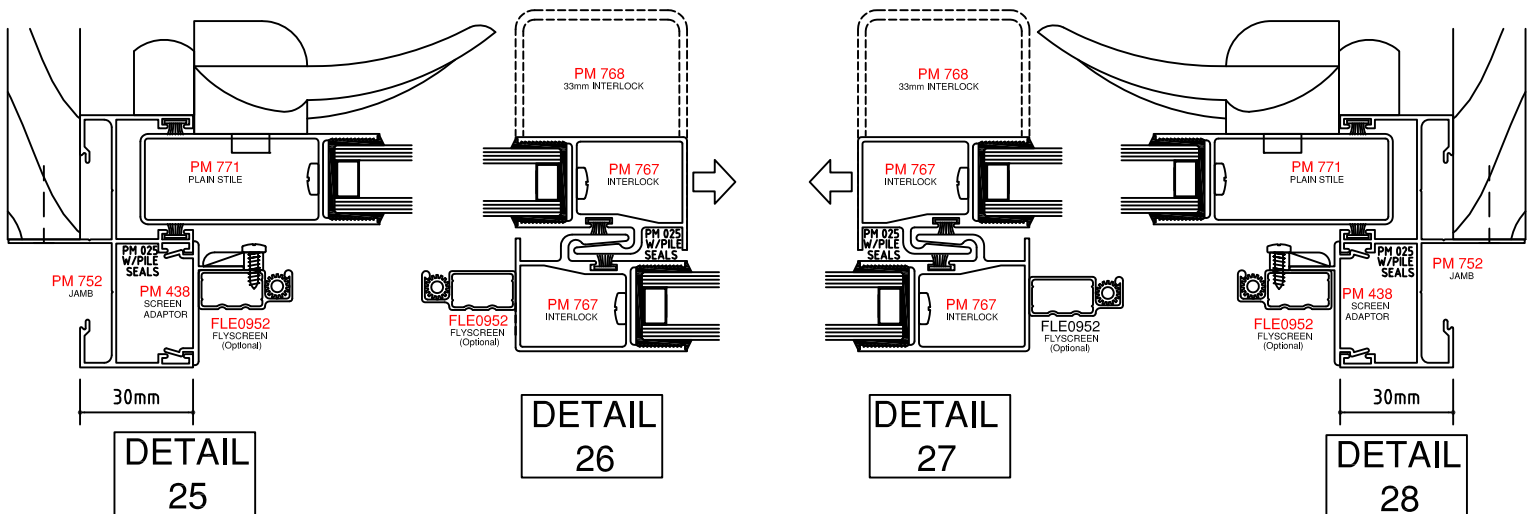
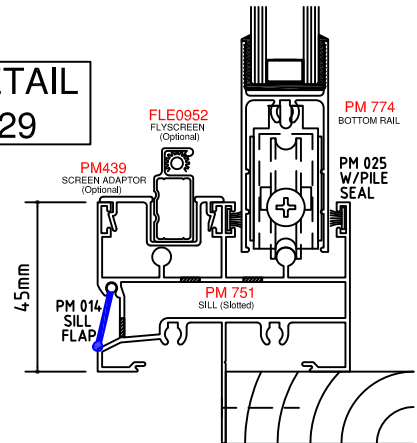
(ALTERNATIVE)
 PM 774
 TOP RAIL

DETAIL
 24



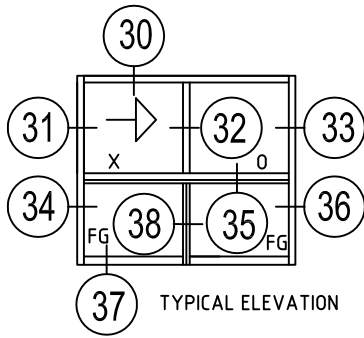
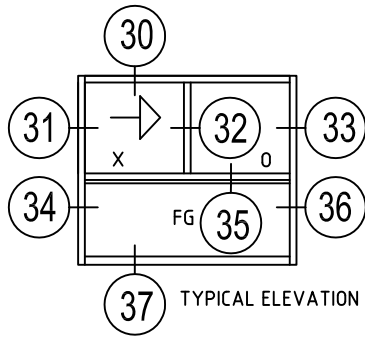
EXTERNAL

DETAIL
 29



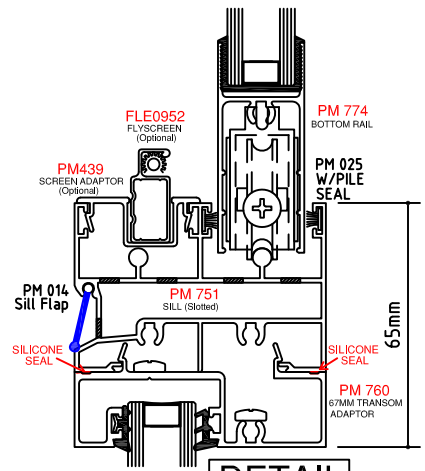
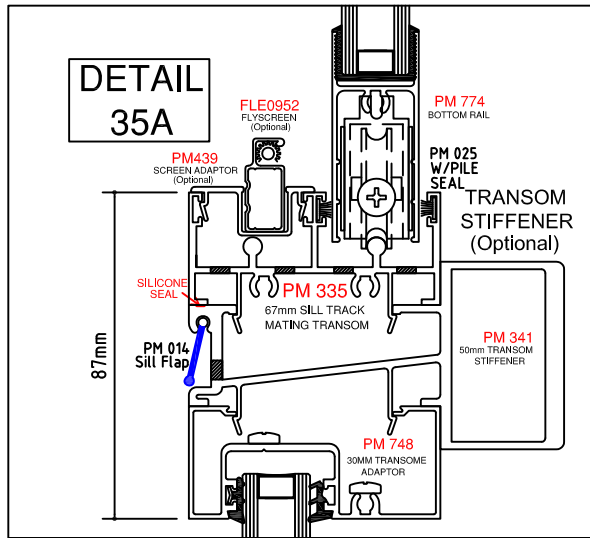
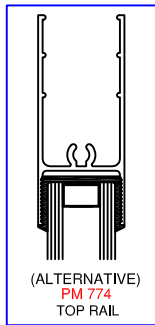
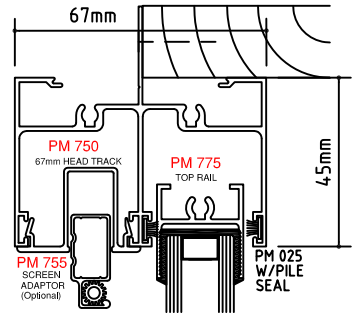


67mm x 45mm - 2 TRACK SLIDING WINDOW WITH LOW LITES TRANSOM & MULLION DETAILS

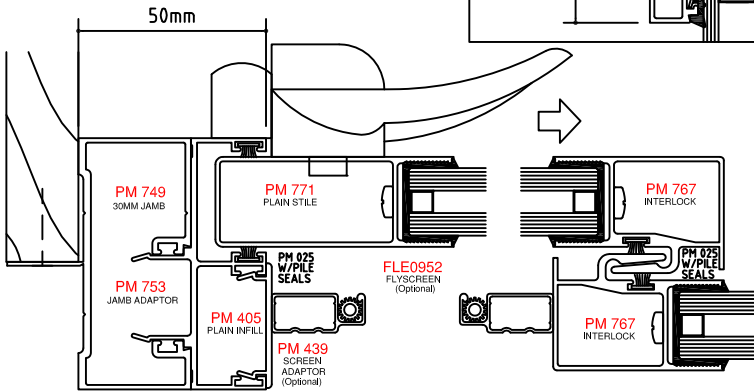


DETAIL 30

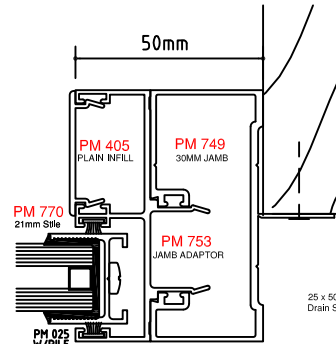
DETAIL SCALE 1:2



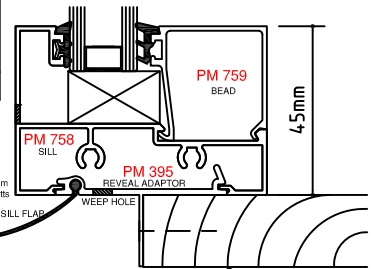
DETAIL 35



EXTERNAL

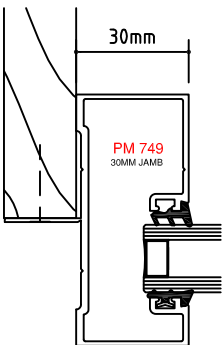


DETAIL 33

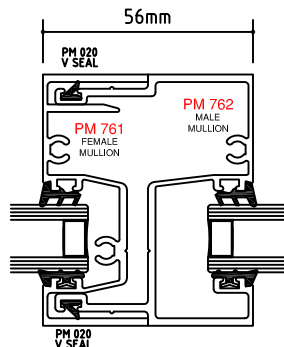


DETAIL 31

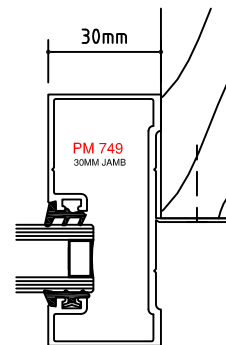
DETAIL 32



DETAIL 34

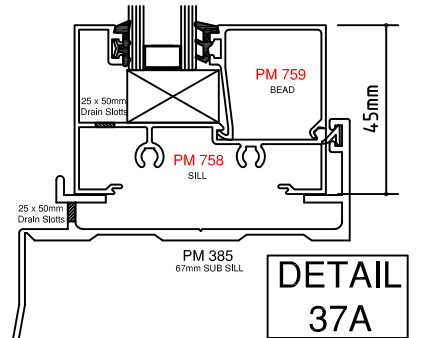


DETAIL 38



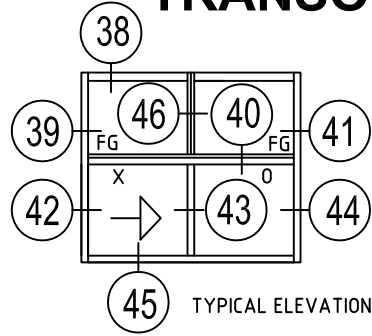
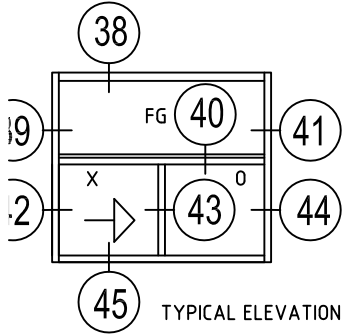
DETAIL 36

DETAIL 37

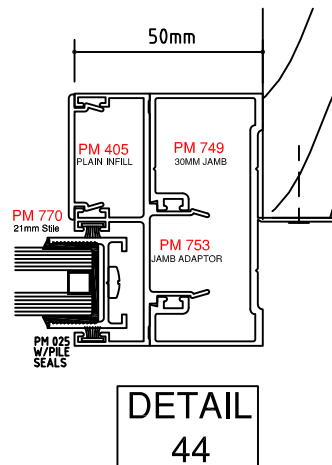
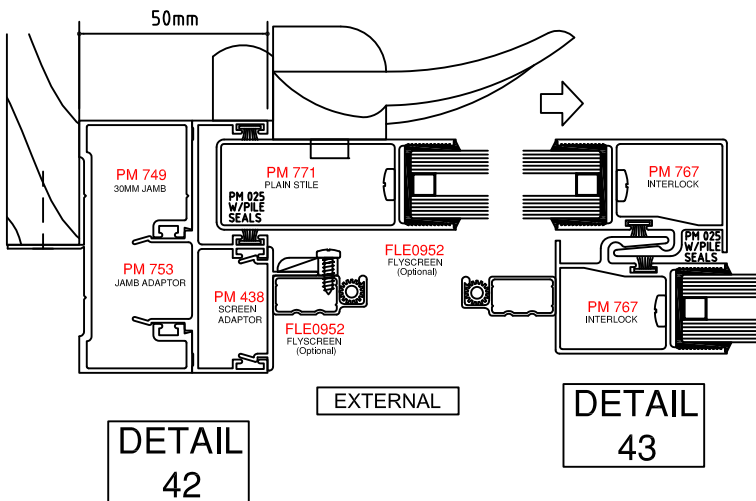
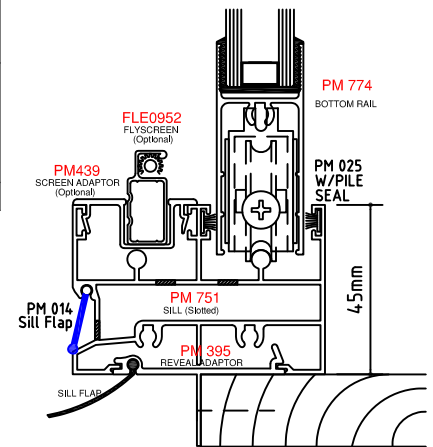
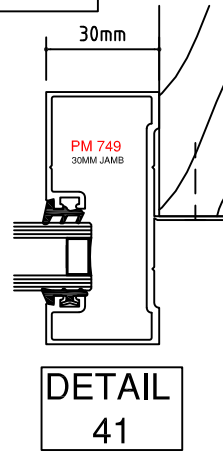
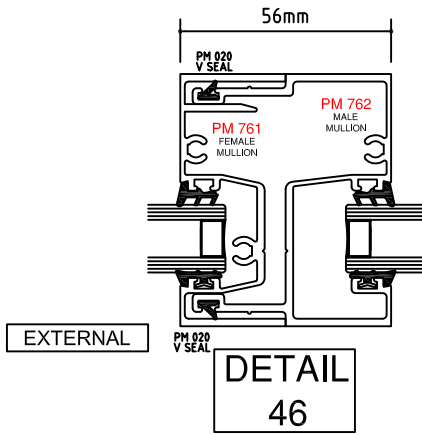
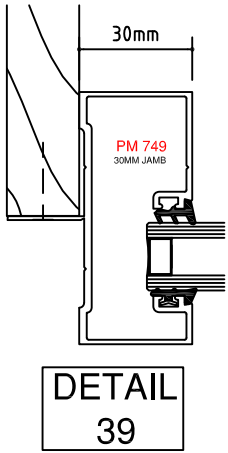
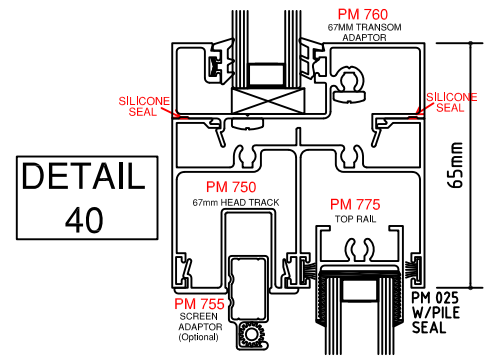
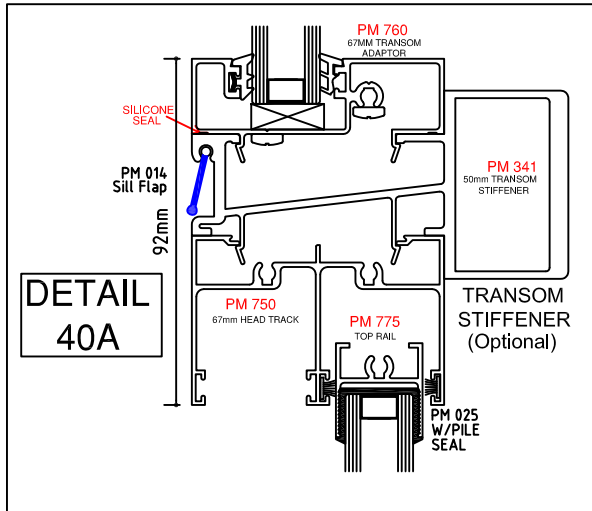
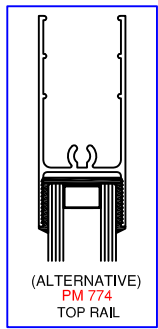
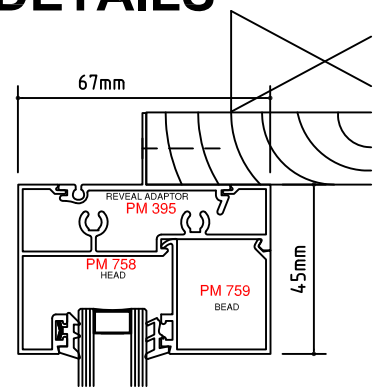


DETAIL 37A

67mm x 45mm - 2 TRACK SLIDING WINDOW WITH HIGH LITES TRANSOM & MULLION DETAILS

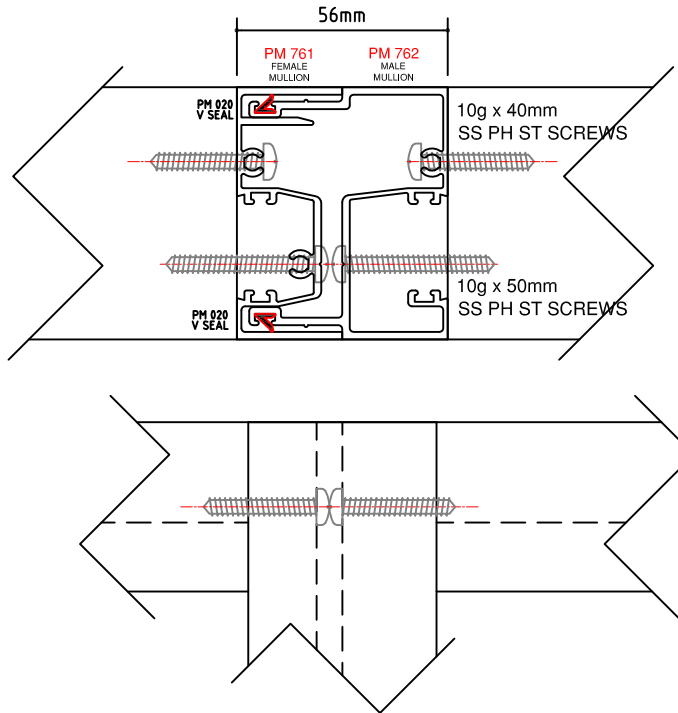
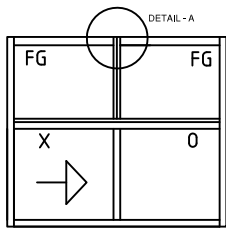


DETAIL
SCALE 1:2

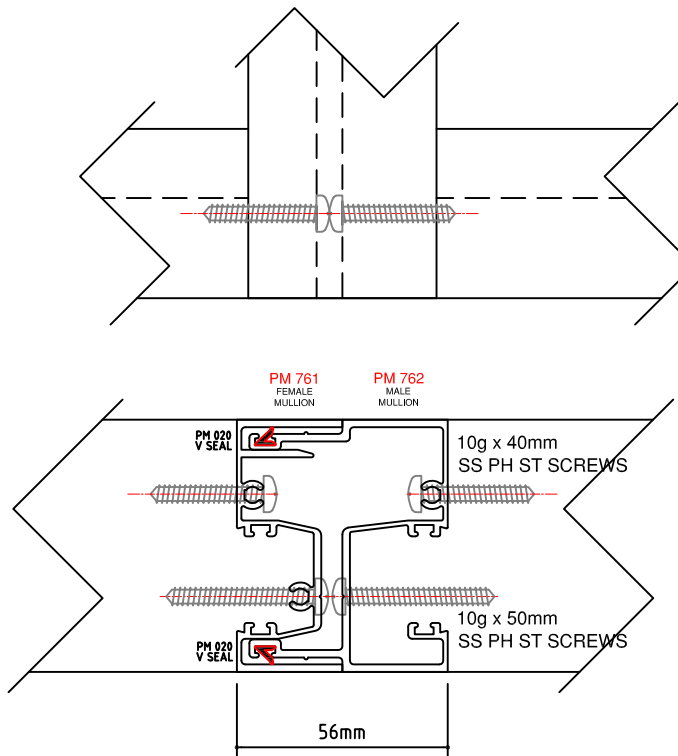
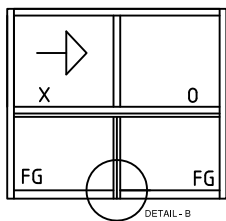
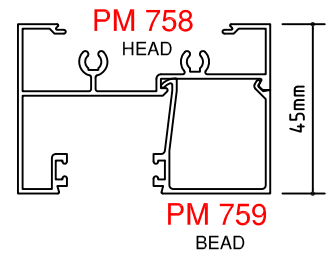


67mm x 45mm - 2 TRACK SLIDING WINDOW HEAD & SILL MULLION JOINT DETAILS

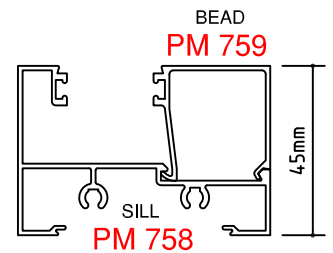
DETAIL
SCALE 1:2



DETAIL
"A"

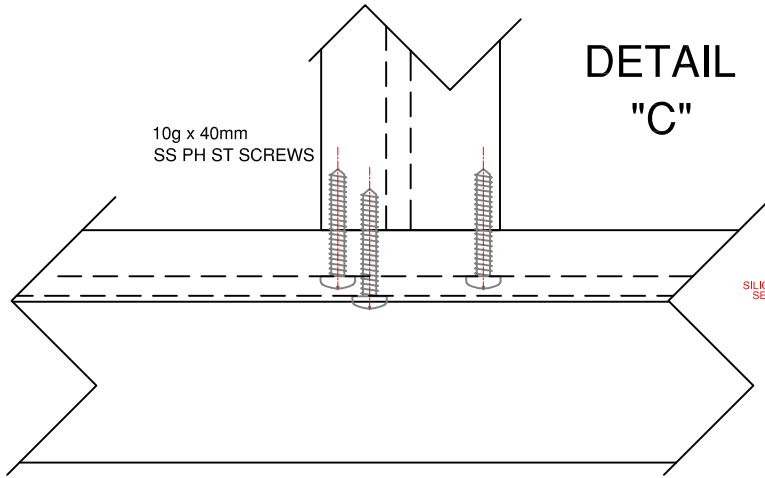
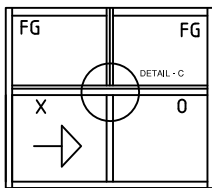
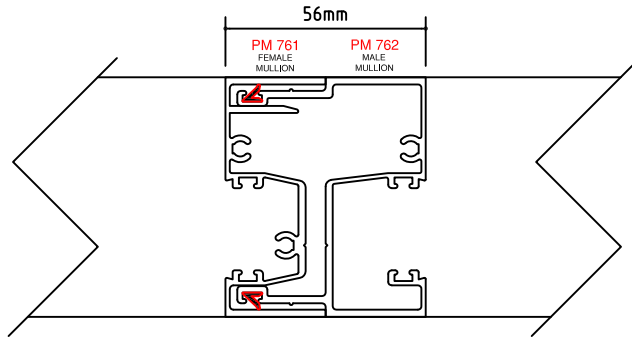


DETAIL
"B"

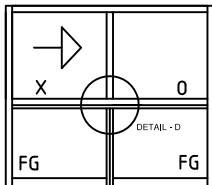
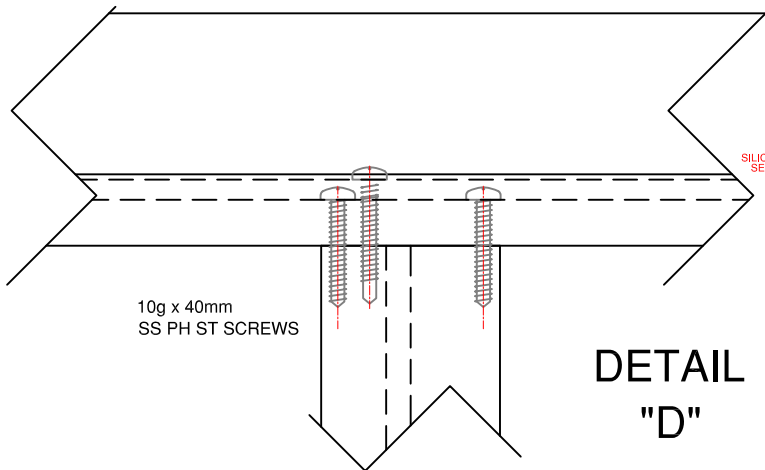
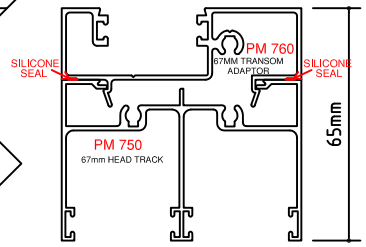


67mm x 45mm - 2 TRACK SLIDING WINDOW TRANSOM MULLION JOINT DETAILS

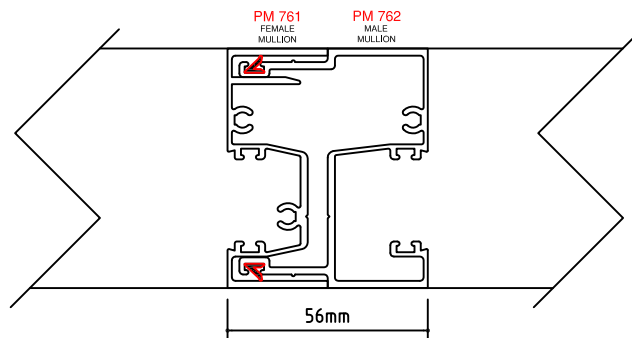
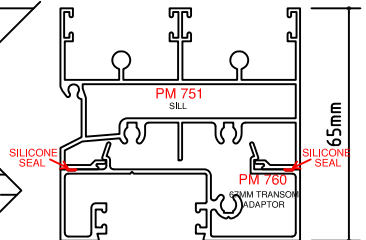
DETAIL
 SCALE 1:2



DETAIL
 "C"



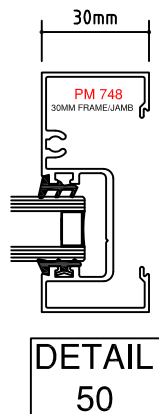
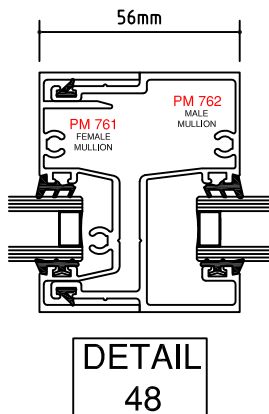
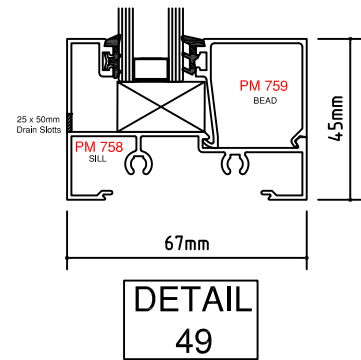
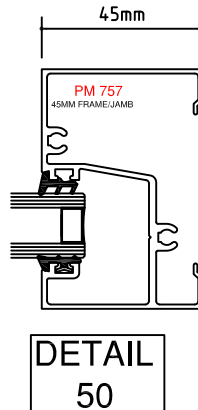
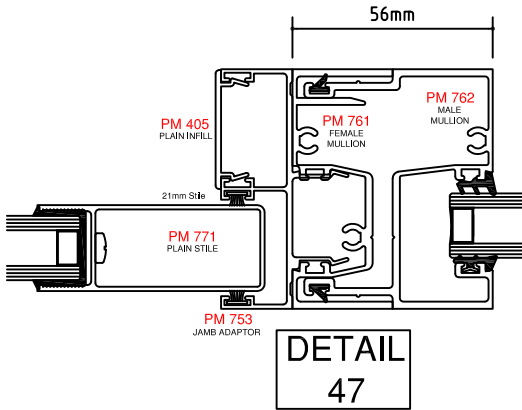
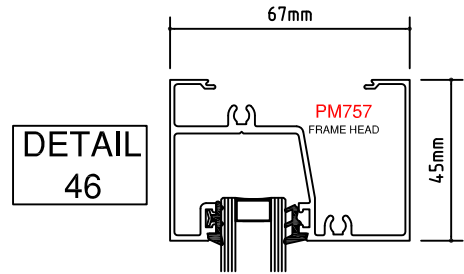
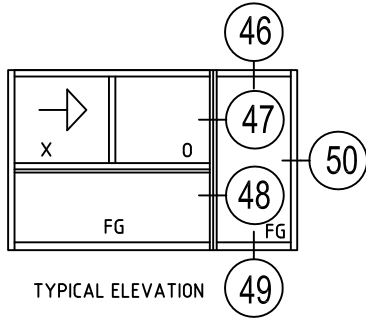
DETAIL
 "D"





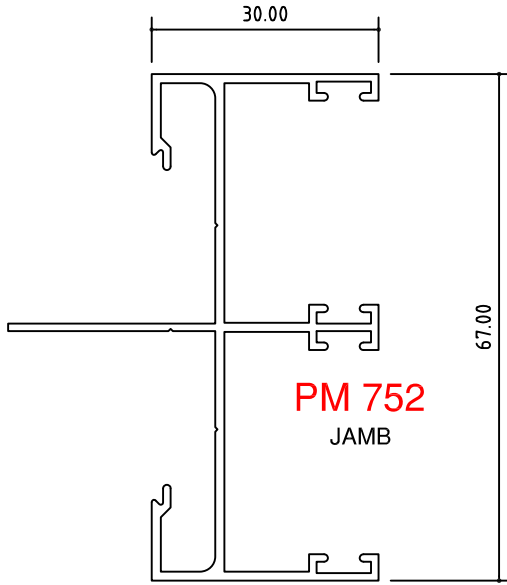
67mm x 45mm - 2 TRACK SLIDING WINDOW - SIDE LITE MULLION DETAILS

DETAIL
SCALE 1:2

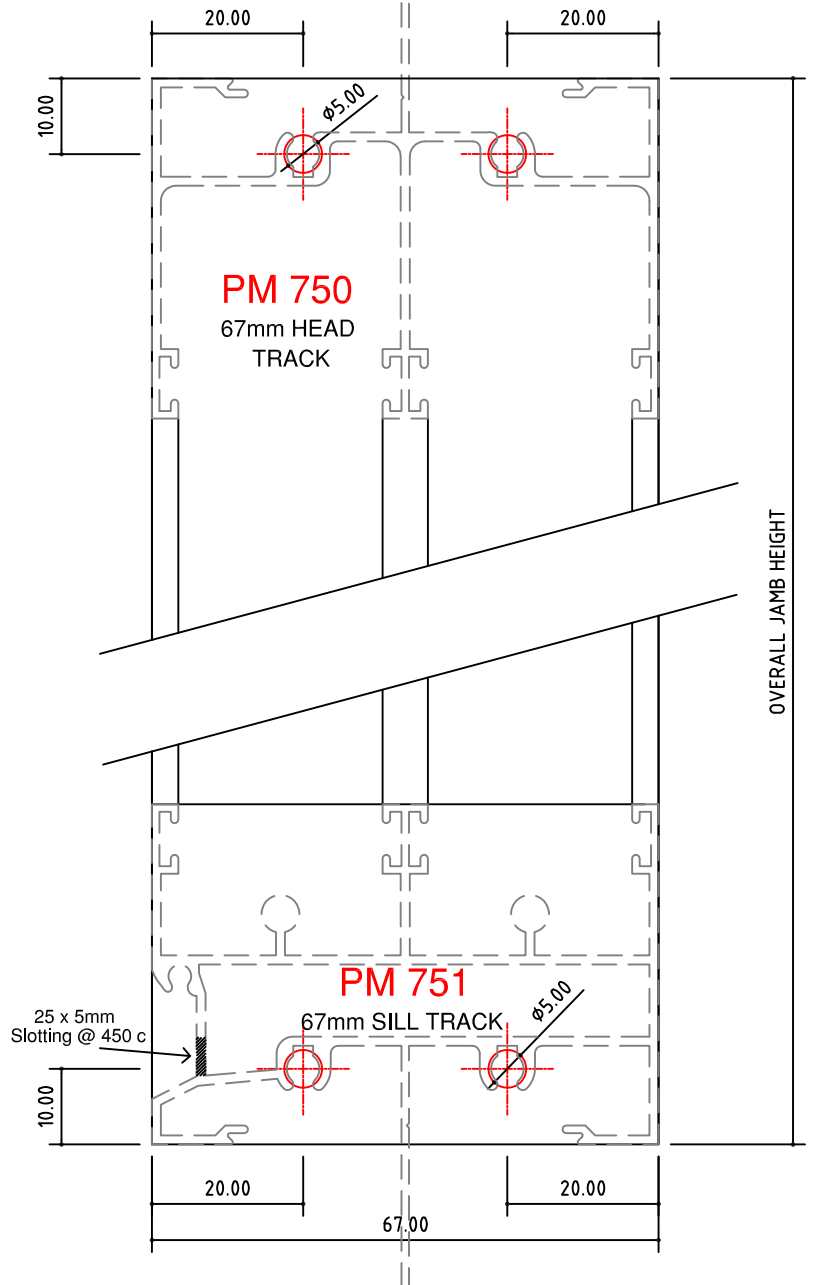
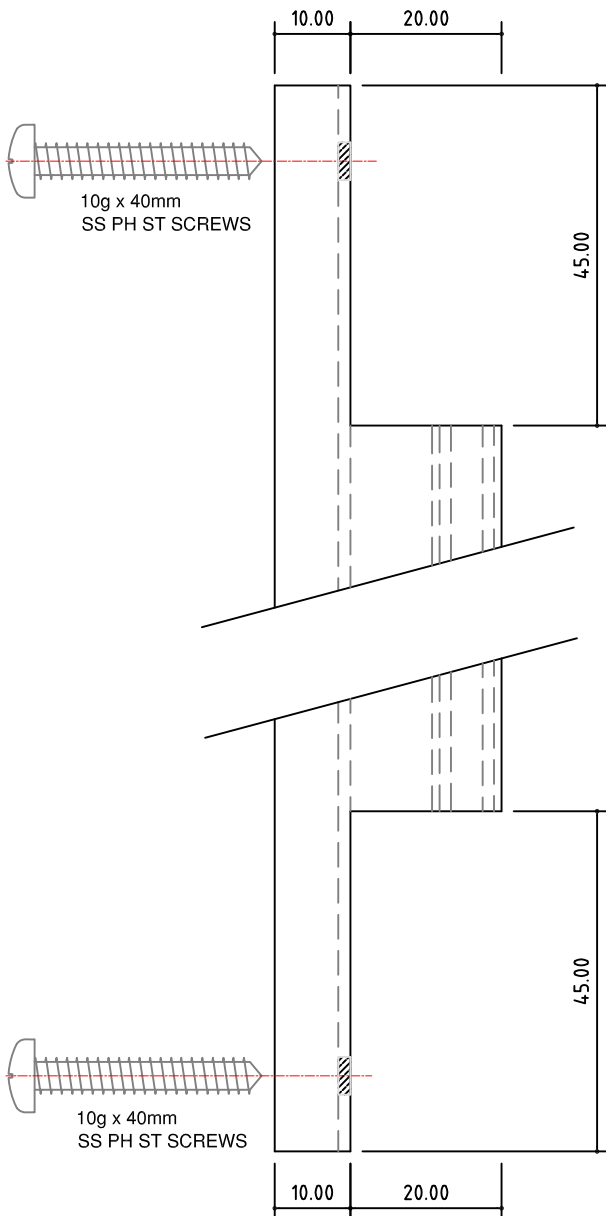
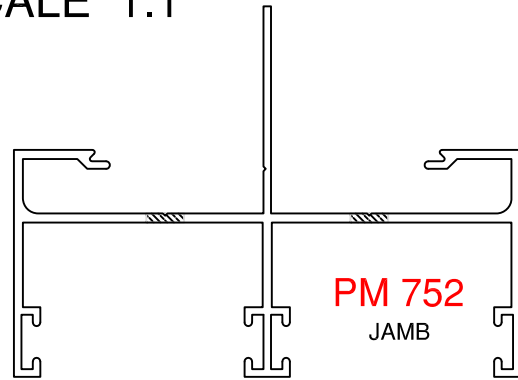




PM752 JAMB MACHINING DETAILS PM750 HEAD - PM751 SILL

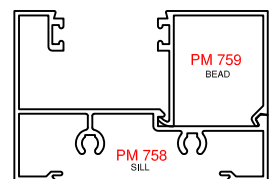
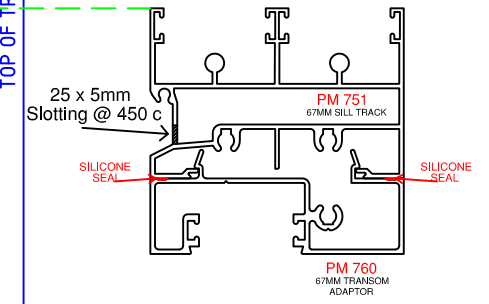
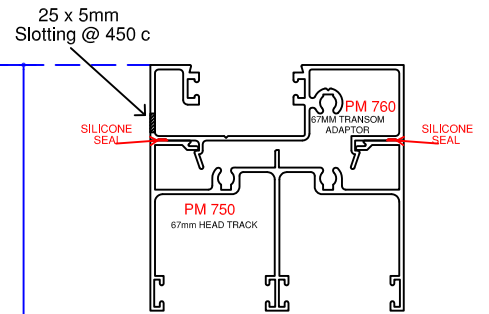
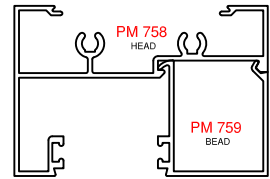
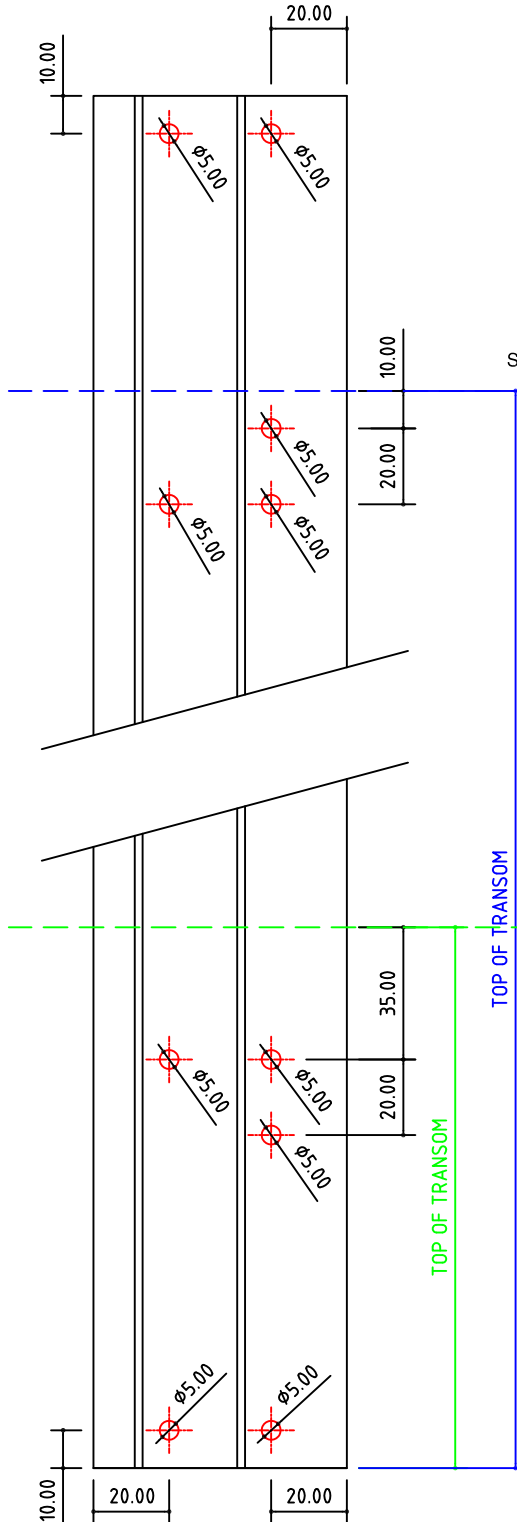
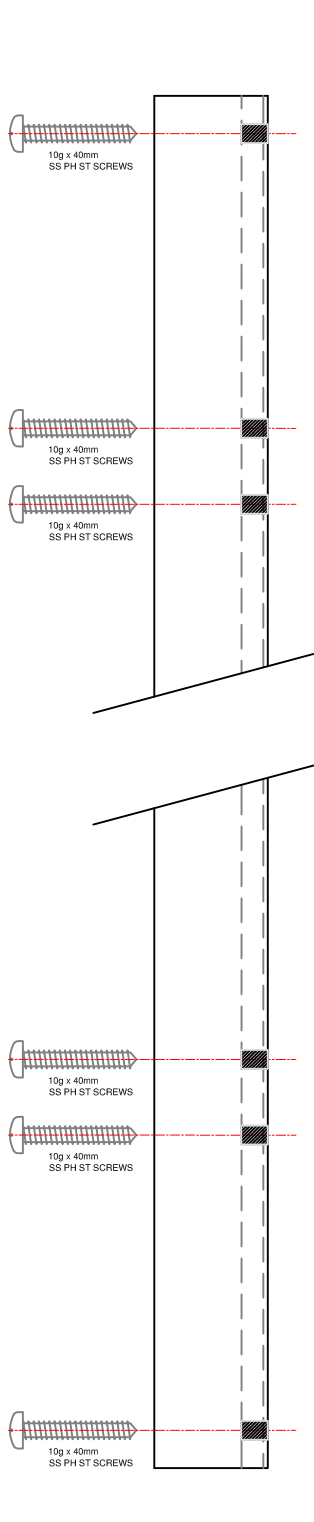
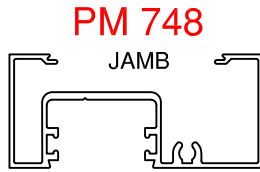
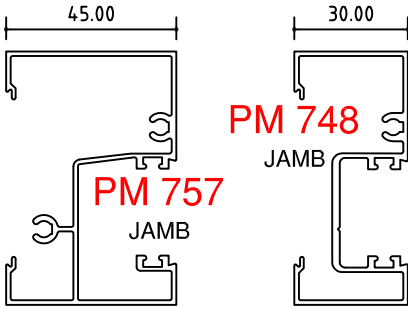


DETAIL
SCALE 1:1

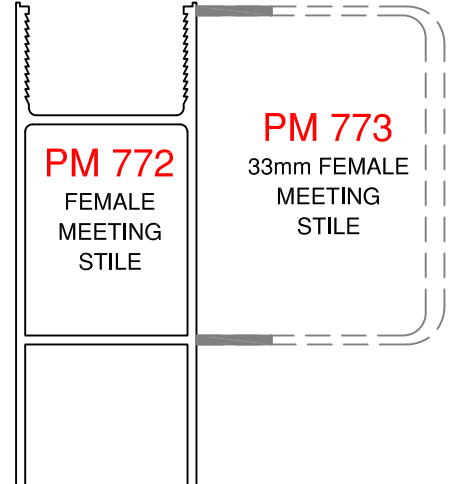
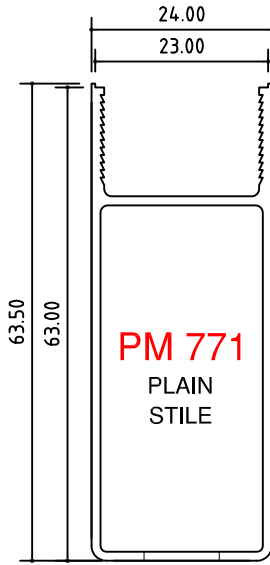
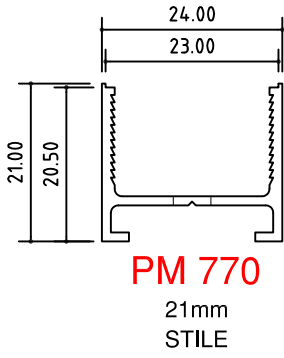


PM748 - 757 JAMB MACHINING DETAILS PM750 HEAD - PM751 SILL PM760-750 & 751- 760 TRANSOMS

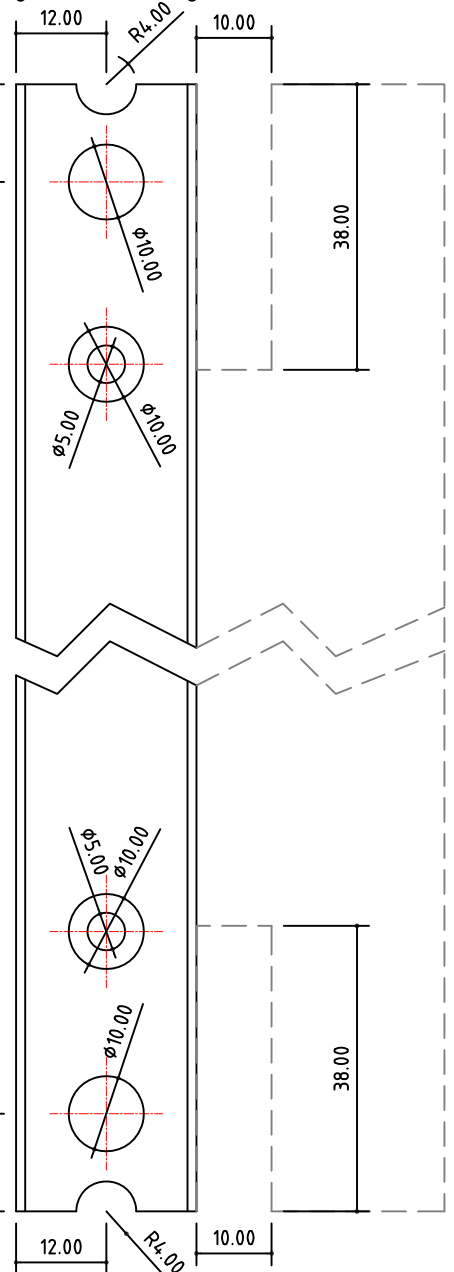
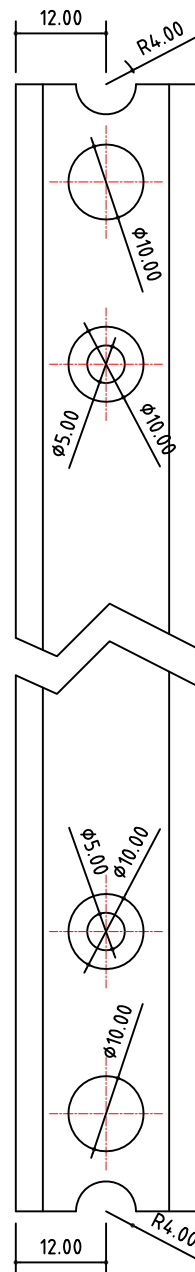
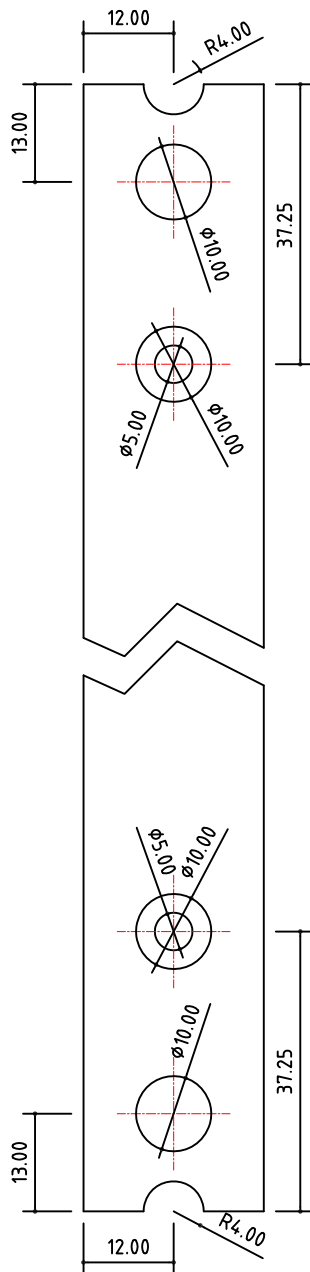
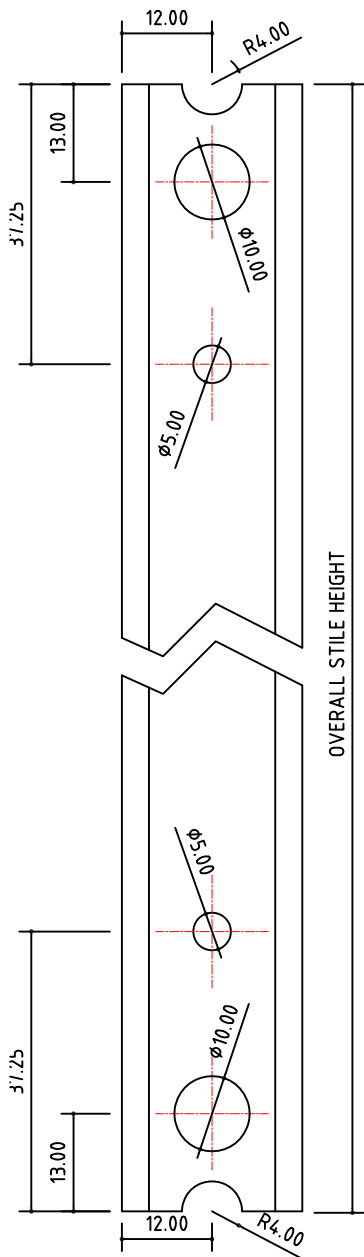
DETAIL
 SCALE 1:2



PM770 - 771 - 769 - 772 - 773 STILE MACHINING DETAILS



SCALE 1:1



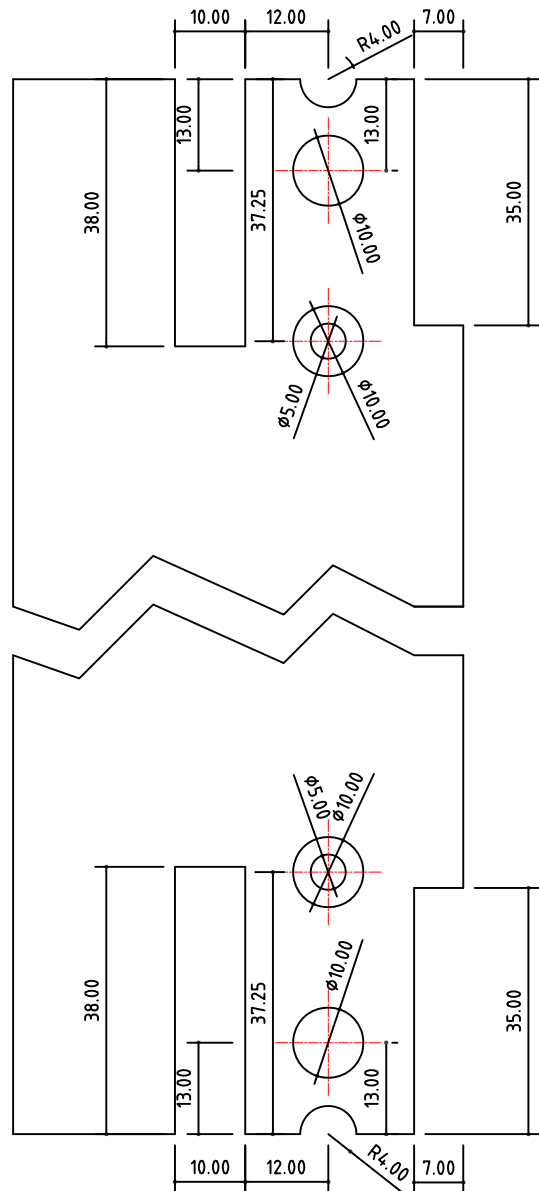
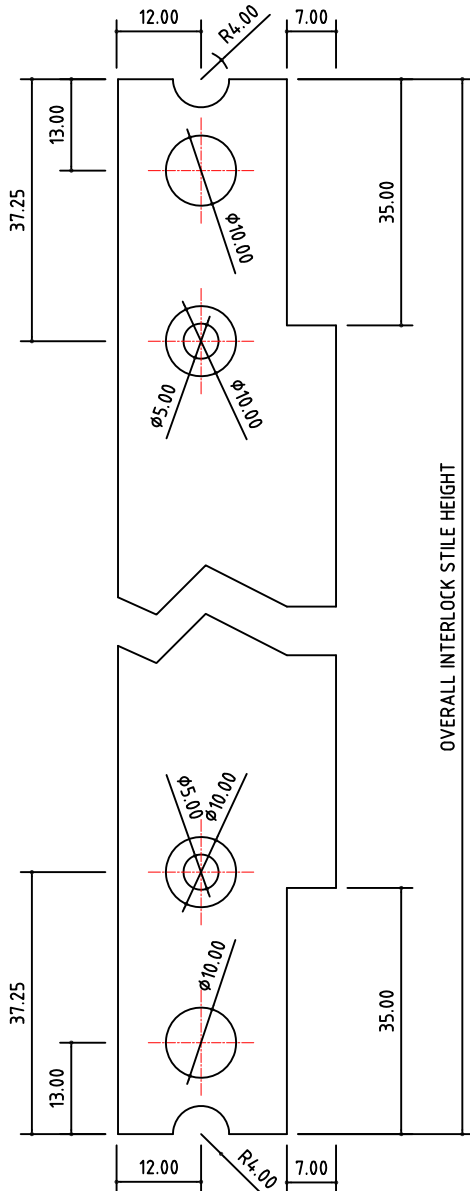
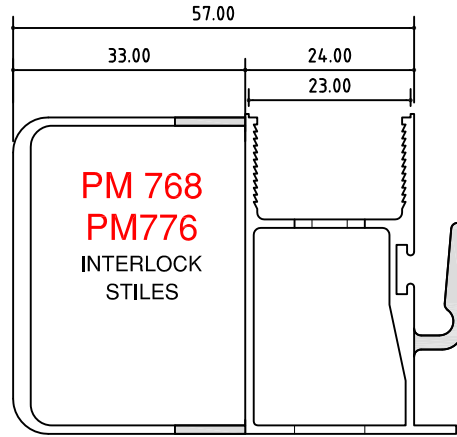
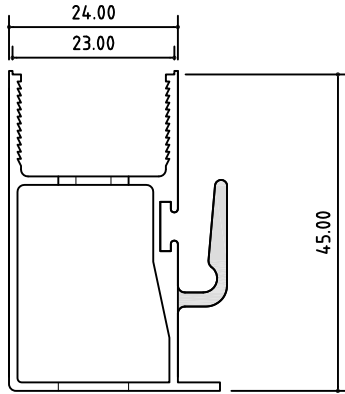
3001 SERIES WINDOWS



PM767 - 768 - 776 INTERLOCK STILE MACHINING DETAILS

SCALE 1:1

PM 767
INTERLOCK
STILE

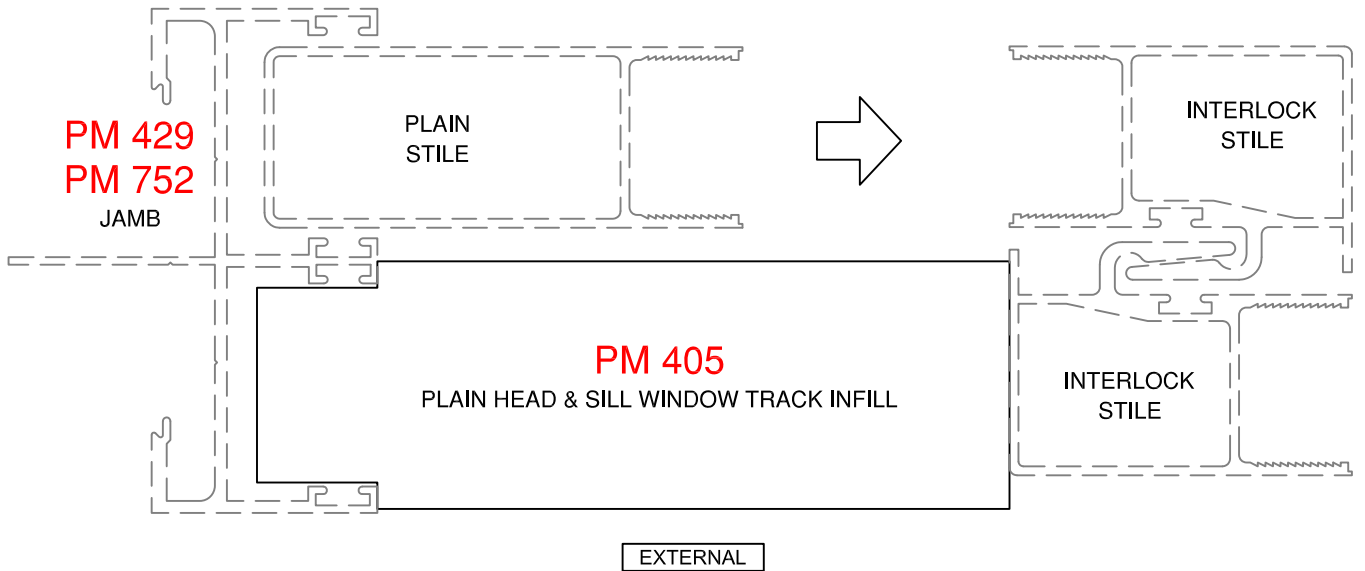
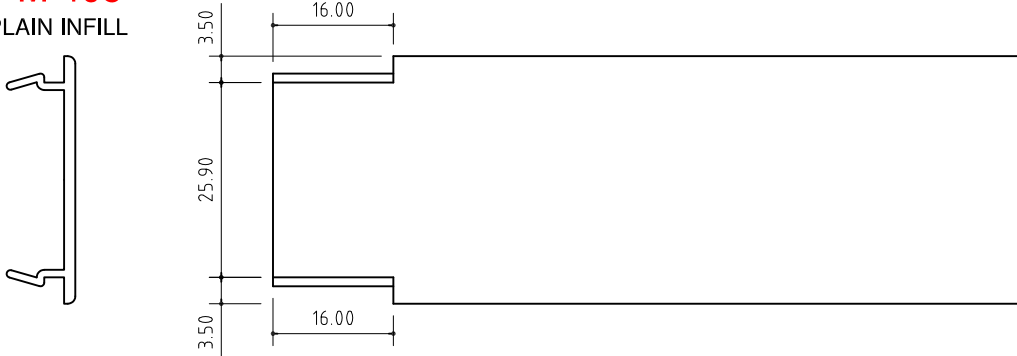


3001 SERIES WINDOWS

PM405 INFILL HEAD & SILL MACHINING DETAILS to suit PM429 & 752 JAMBS

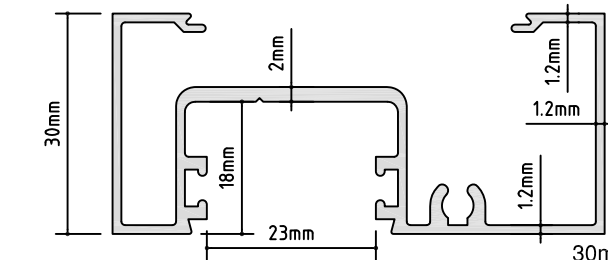
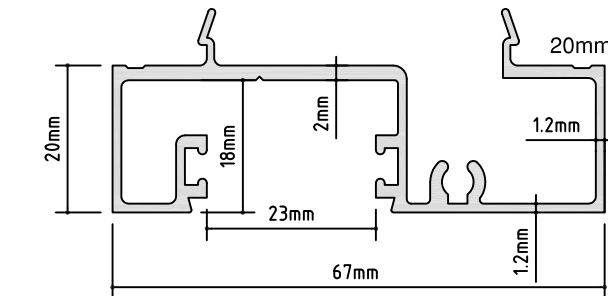
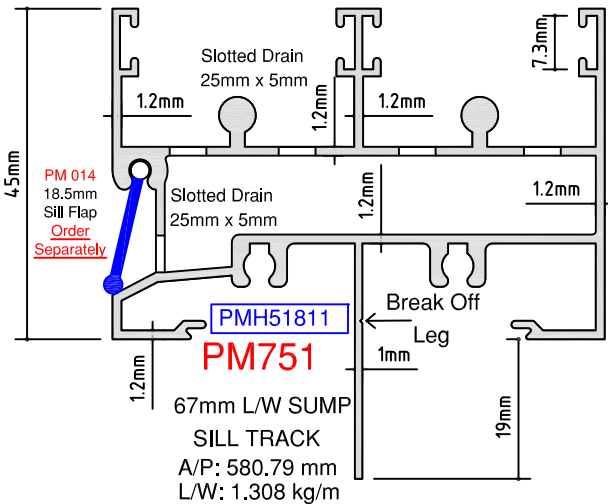
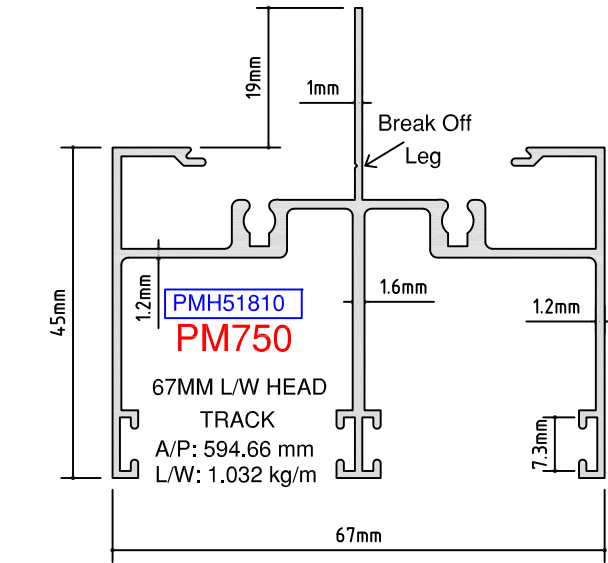
(NO SCREEN REQUIREMENT)

PM 405
 PLAIN INFILL



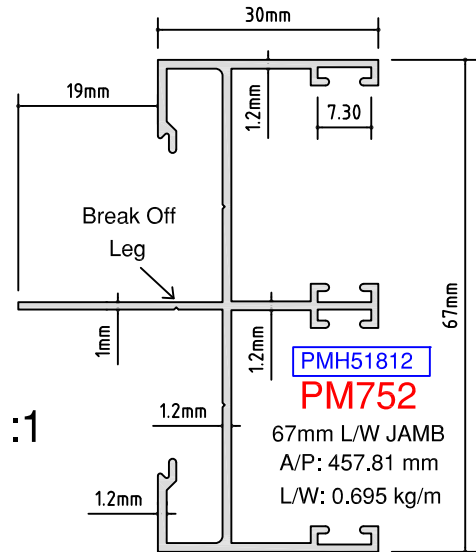
3002 SERIES WINDOWS

67mm x 45mm - 2 TRACK SLIDING WINDOW SECTIONS *Glazing up to 10.5mm*

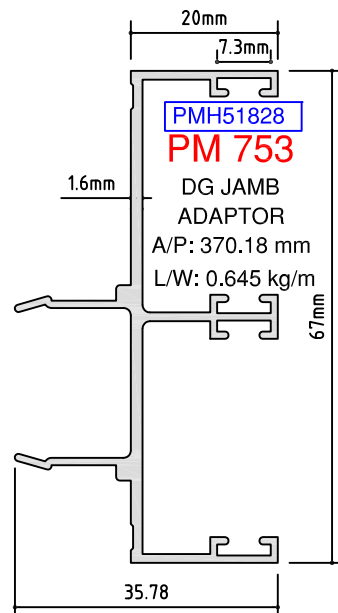
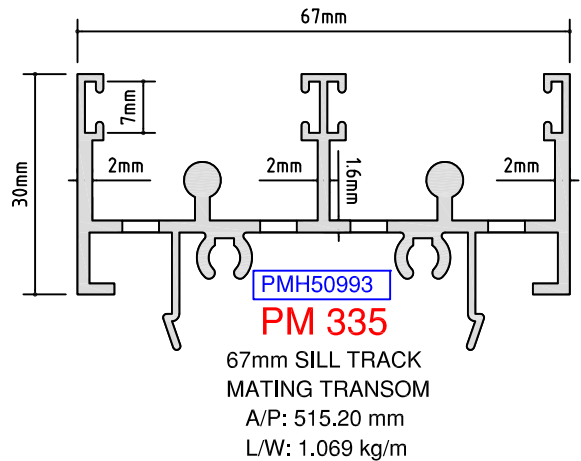


PMH51829
PM 760
20mm TRANSOM ADAPTOR
A/P: 389.80 mm
L/W: 0.774 kg/m

PMH51843
PM748
30mm TRANSOM ADAPTOR
A/P: 420.00 mm
L/W: 0.795 kg/m



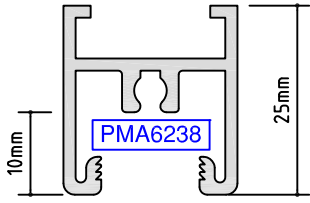
SCALE 1:1



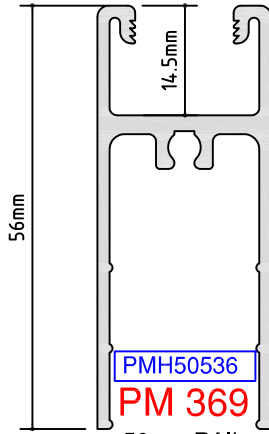
SLIDING SASH PROFILES

13mm POCKET

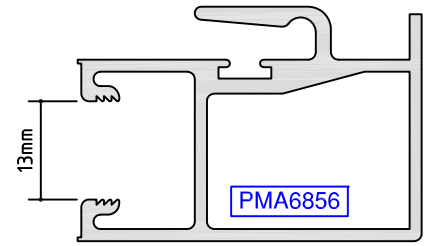
SINGLE GLAZING to 10.5mm



PM 407
25mm TOP RAIL
A/P: 200.17 mm
L/W: 0.438 kg/m

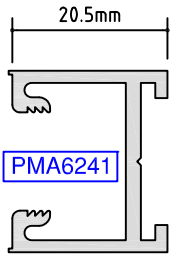


PM 369
56mm RAIL
A/P: 310.58 mm
L/W: 0.735 kg/m

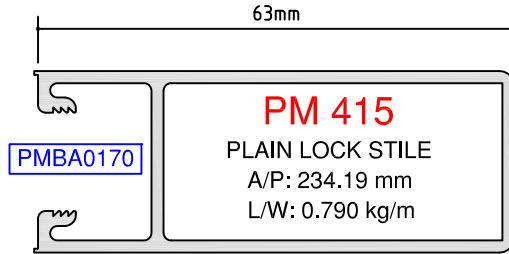


PM 414
STANDARD INTERLOCK
A/P: 264.62 mm
L/W: 0.869 kg/m

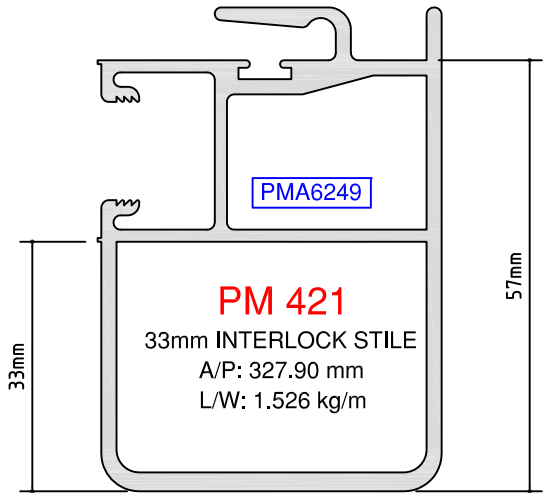
SCALE 1:1



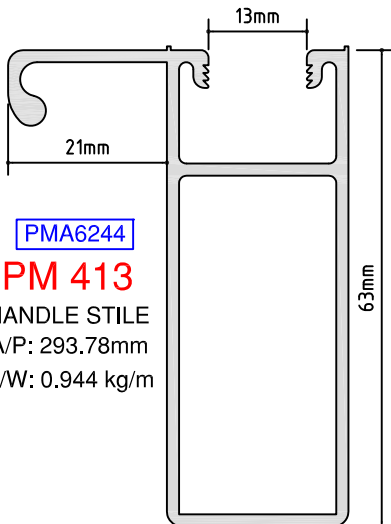
PM 410
21mm STILE
A/P: 167.18mm
L/W: 0.373 kg/m



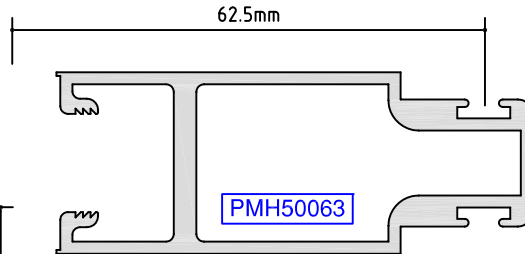
PM 415
PLAIN LOCK STILE
A/P: 234.19 mm
L/W: 0.790 kg/m



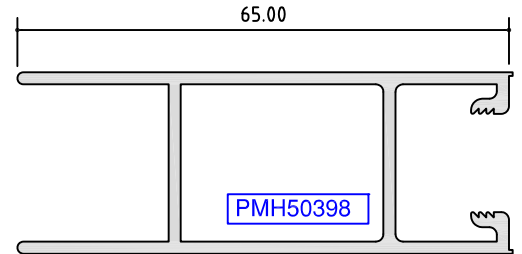
PM 421
33mm INTERLOCK STILE
A/P: 327.90 mm
L/W: 1.526 kg/m



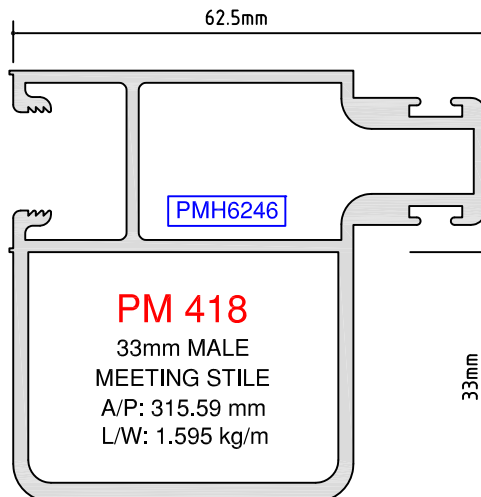
PM 413
HANDLE STILE
A/P: 293.78mm
L/W: 0.944 kg/m



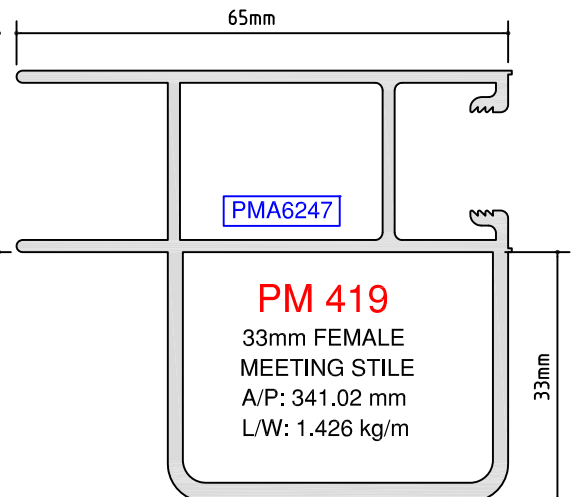
PM 434
MALE MEETING STILE
A/P: 254.67 mm
L/W: 0.928 kg/m



PM 396
FEMALE MEETING STILE
A/P: 279.31 mm
L/W: 0.810 kg/m



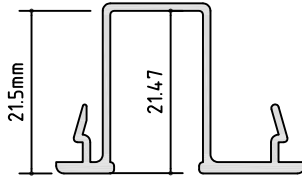
PM 418
33mm MALE MEETING STILE
A/P: 315.59 mm
L/W: 1.595 kg/m



PM 419
33mm FEMALE MEETING STILE
A/P: 341.02 mm
L/W: 1.426 kg/m

67mm x 45mm - 2 TRACK SLIDING WINDOW SECTIONS

SCALE 1:1



PMH51827

PM 755

SCREEN ADAPTOR

A/P: 185.00 mm

L/W: 0.278 kg/m

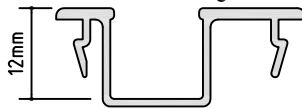
PMH50546

PM 439

SCREEN ADAPTOR

A/P: 147.00 mm

L/W: 0.227 kg/m



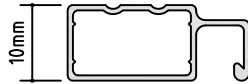
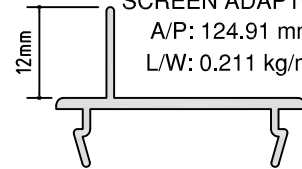
PMBA1218

PM 438

SCREEN ADAPTOR

A/P: 124.91 mm

L/W: 0.211 kg/m



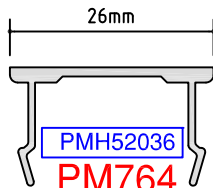
PM952

FLE0952

FLY SCREEN FRAME

A/P: 82.94 mm

L/W: 0.134 kg/m



PMH52036

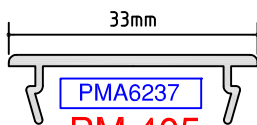
PM764

67mm

DG POCKET FILLER

A/P: 114.52 mm

L/W: 0.185 kg/m



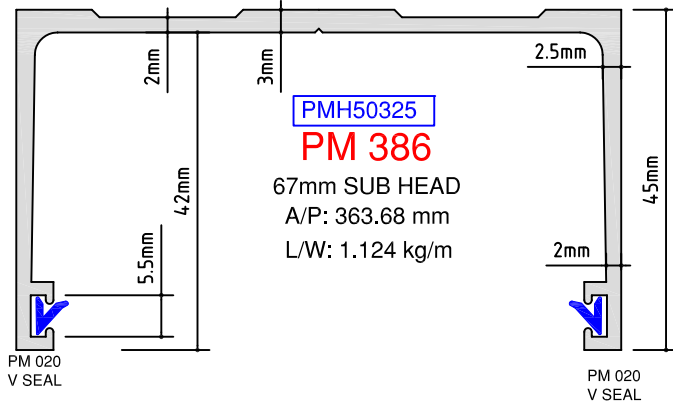
PMA6237

PM 405

PLAIN TRACK INFILL

A/P: 101.34 mm

L/W: 0.179 kg/m



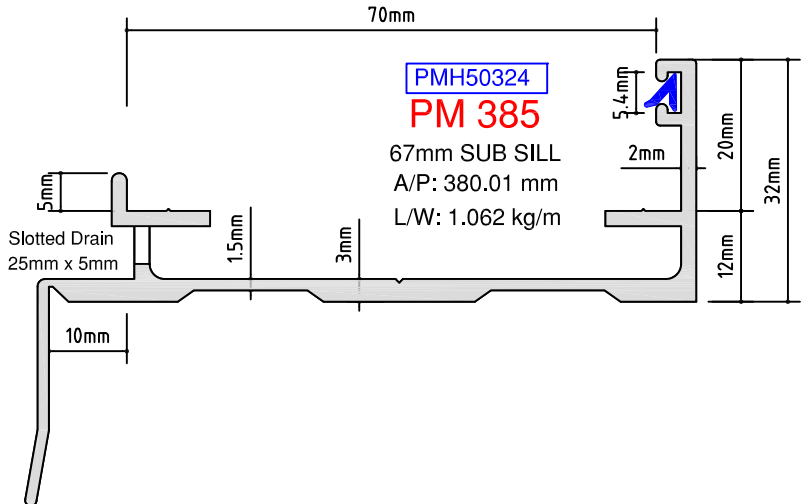
PMH50325

PM 386

67mm SUB HEAD

A/P: 363.68 mm

L/W: 1.124 kg/m



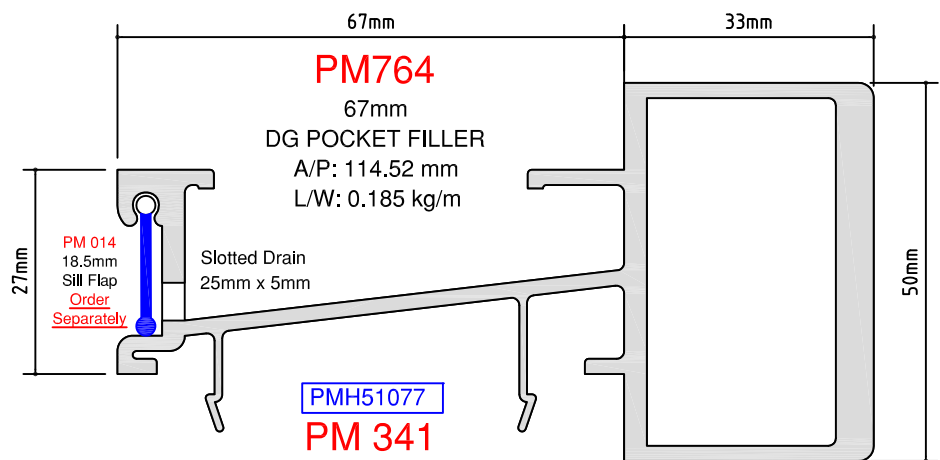
PMH50324

PM 385

67mm SUB SILL

A/P: 380.01 mm

L/W: 1.062 kg/m



PM764

67mm

DG POCKET FILLER

A/P: 114.52 mm

L/W: 0.185 kg/m

PMH51077

PM 341

50mm TRANSOM STIFFENER

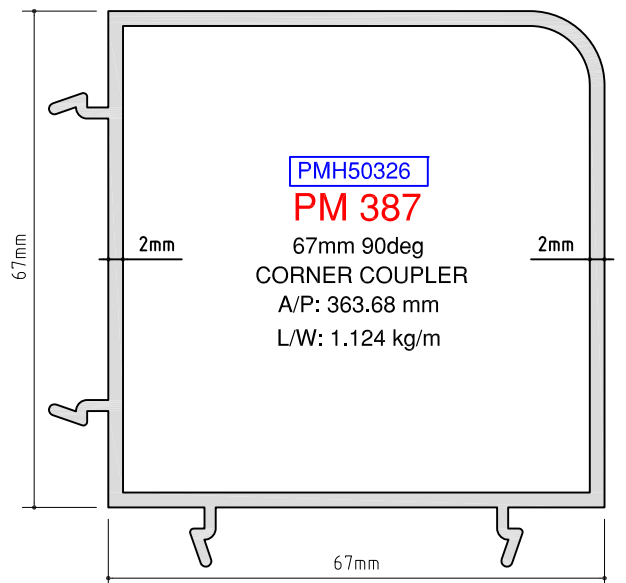
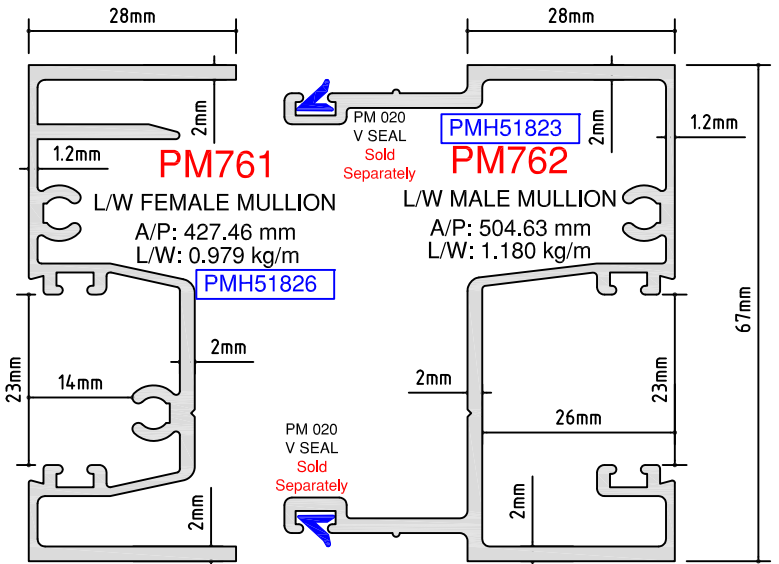
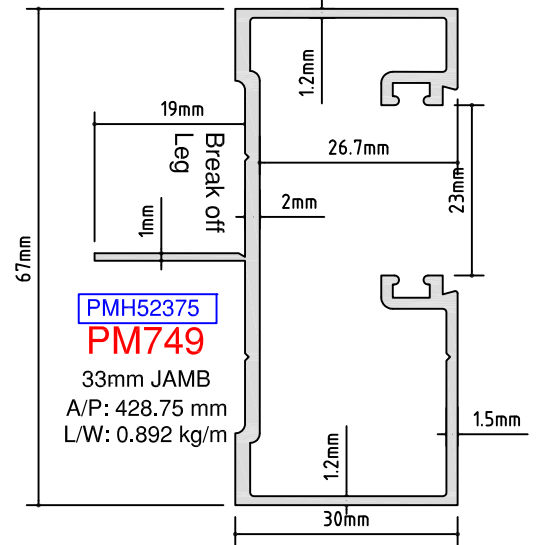
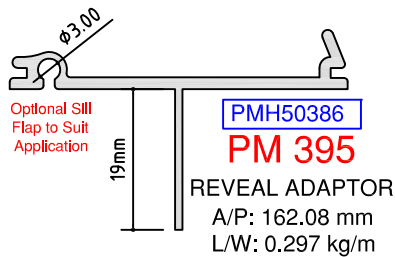
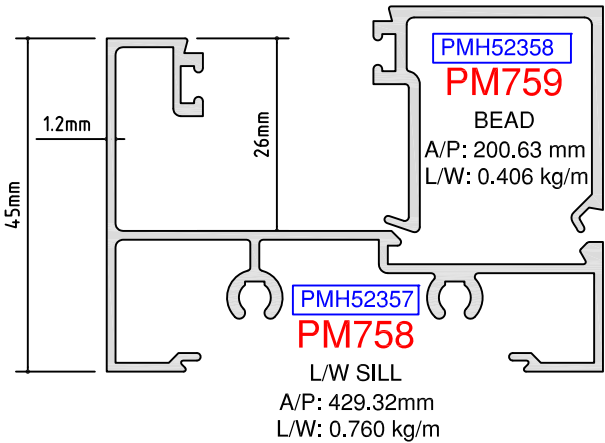
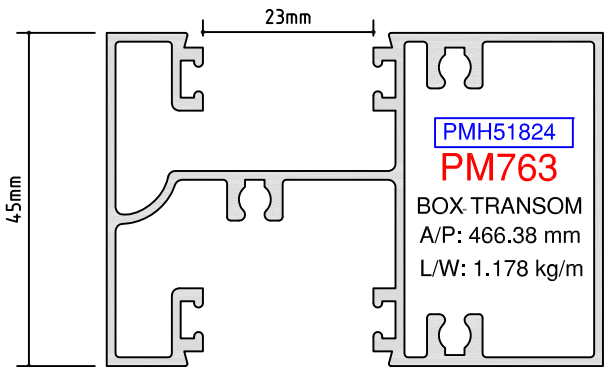
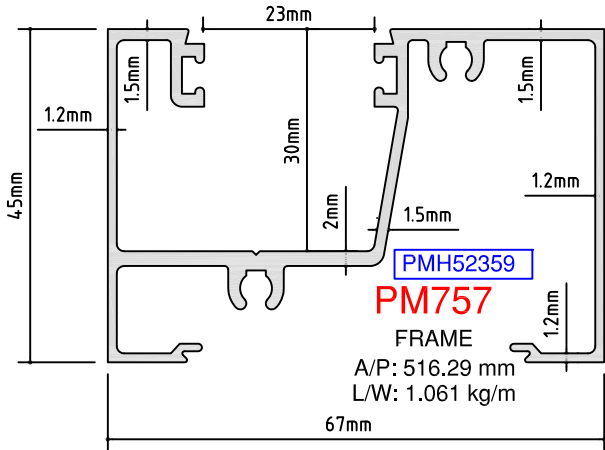
A/P: 477.53 mm

L/W: 1.237 kg/m



67mm x 45mm - FRAME 23mm GLAZING POCKET

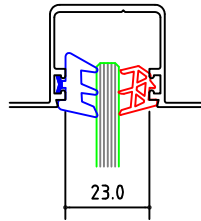
SCALE 1:1



GLAZING DETAILS

ROLL IN WEDGE + ROLL IN WEDGE









Glass Thickness	Roll-in Wedge	Roll-in Wedge
5.00mm	PM 004	PM 004
6.00mm	PM 006	PM 006
6.38mm	PM 006	PM 006
8.00mm	PM 007	PM 007
8.38mm	PM 007	PM 007
10.00mm	PM 005	PM 005
10.38mm	PM 005	PM 005



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
6.00mm	PM 001	PM 000
6.38mm	PM 001	PM 000
8.00mm	PM 001	PM 000
8.38mm	PM 001	PM 000
10.00mm	PM 001	PM 004
10.38mm	PM 002	PM 004

WEDGE TYPES (P.V.C MATERIAL)

							
White Back	Red Back	Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

SASH GLAZING CHANNELS

PM028

6-6.38mm



Marco
27-95



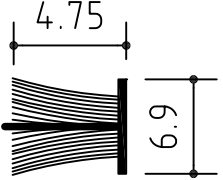
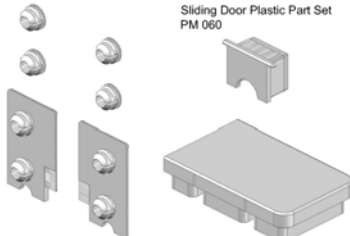
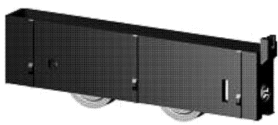
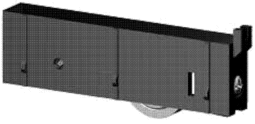
PM030

10-10.38mm



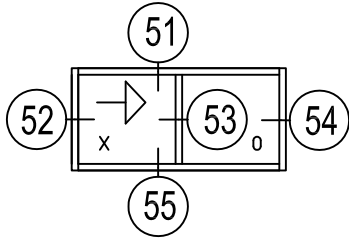
Marco
471-64

COMPONENTS

SHAPE	PART No:	FITS TO SECTIONS
	PM014 SILL FLAP	PM751, PM341
	PM020 MULLION / SUB FRAME V SEAL	PM385, PM386, PM762
	PM 025 FINNED WOOL PILE	PM335, PM750, PM751, PM752, PM753, PM767, PM768, PM769,
 Sliding Door Plastic Part Set PM 060	PM 060 3006 SERIES SASH PLASTIC PART SET	PM414, PM421, PM418, PM434
	PM 065 100kg DOUBLE WHEEL ROLLER	PM369
	PM 066 50kg SINGLE WHEEL ROLLER	PM369



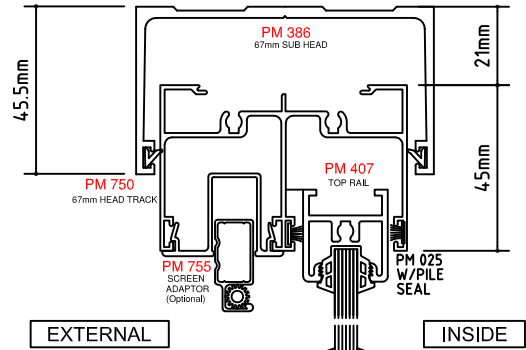
67mm x 45mm - 2 TRACK - XO - OX SLIDING WINDOW - DETAILS REVEAL INSTALLATION



TYPICAL ELEVATION

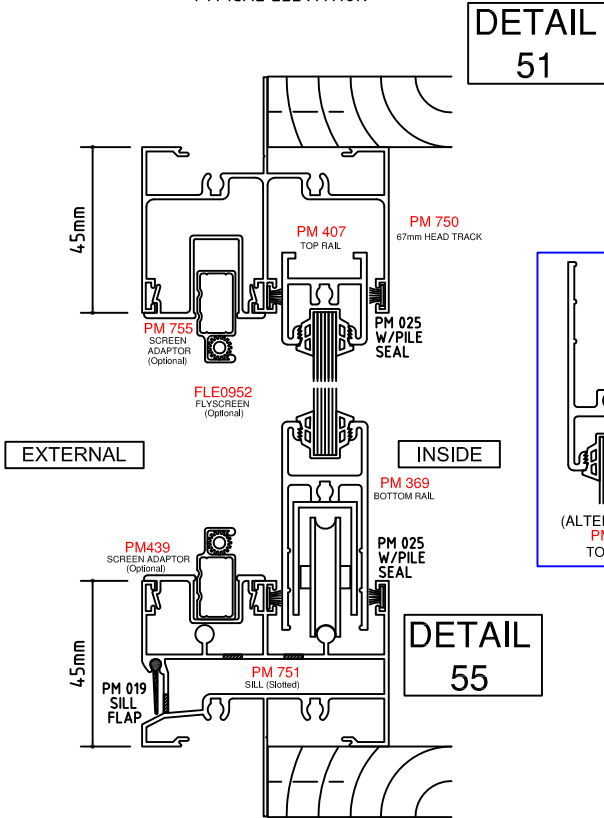
SCALE 1:2

DETAIL 51



EXTERNAL

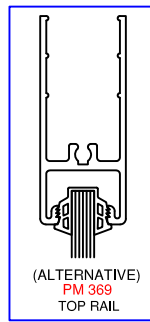
INSIDE



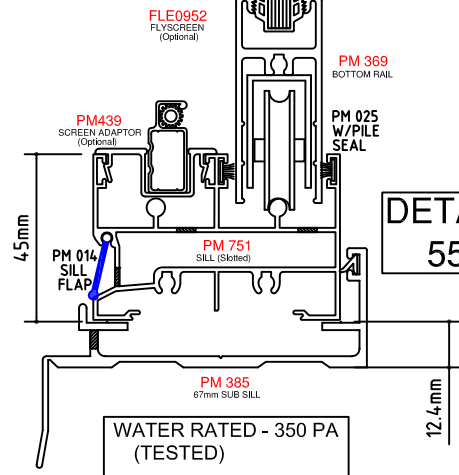
EXTERNAL

INSIDE

DETAIL 55



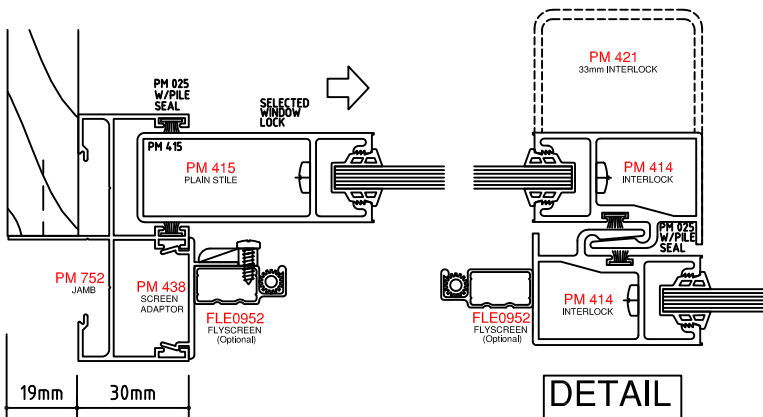
(ALTERNATIVE)
PM 369
TOP RAIL



EXTERNAL

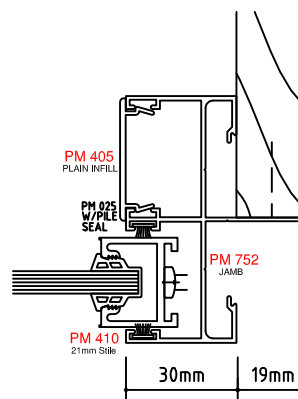
DETAIL 55

WATER RATED - 350 PA
(TESTED)

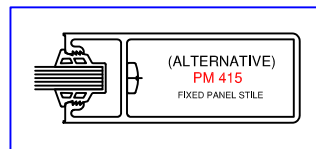


DETAIL 52

DETAIL 53



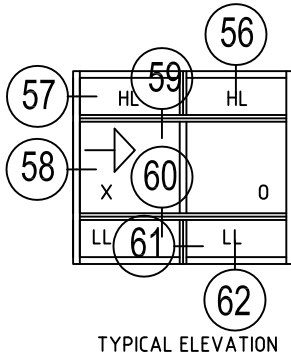
DETAIL 54



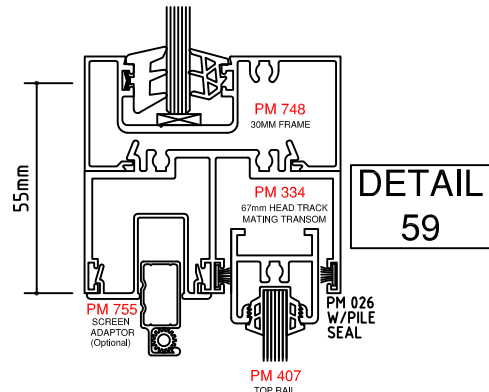
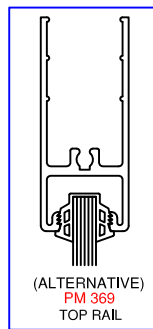
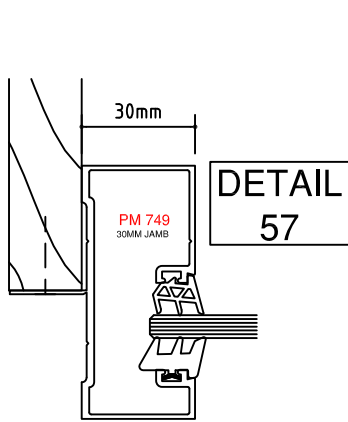
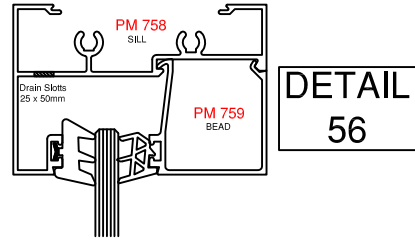
(ALTERNATIVE)
PM 415
FIXED PANEL STILE



67mm x 45mm - 2 TRACK - XO - OX SLIDING WINDOW - DETAILS REVEAL INSTALLATION

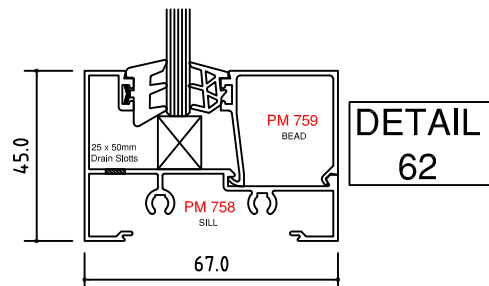
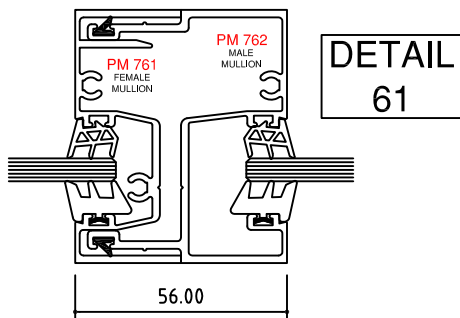
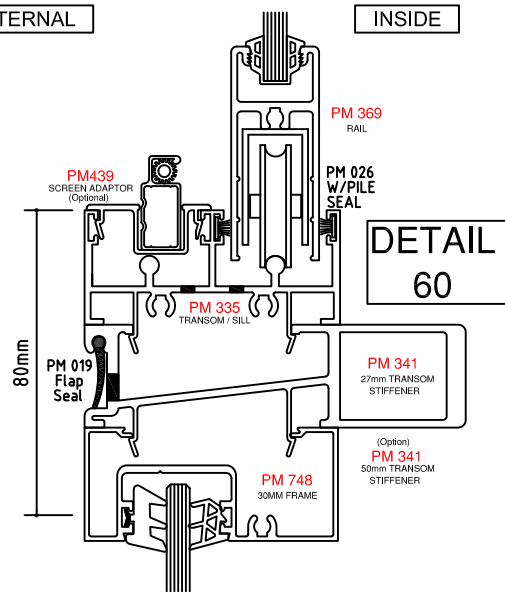
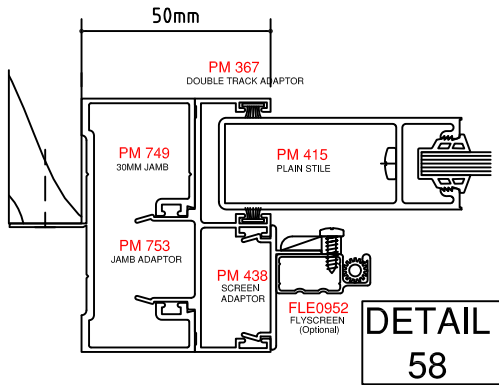


DETAIL
SCALE 1:2



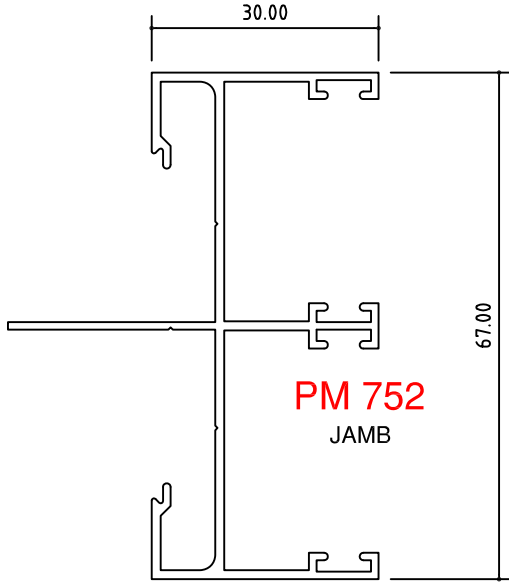
EXTERNAL

INSIDE

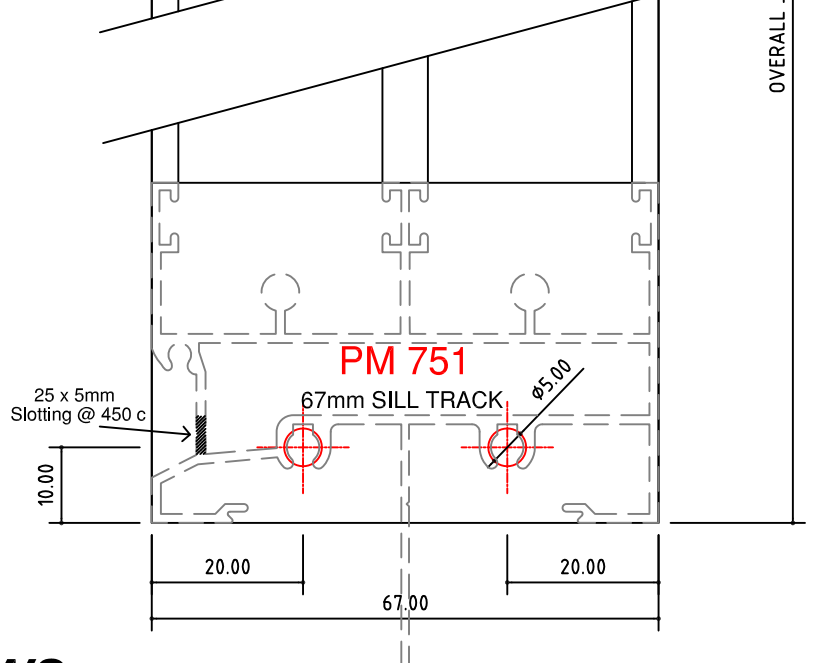
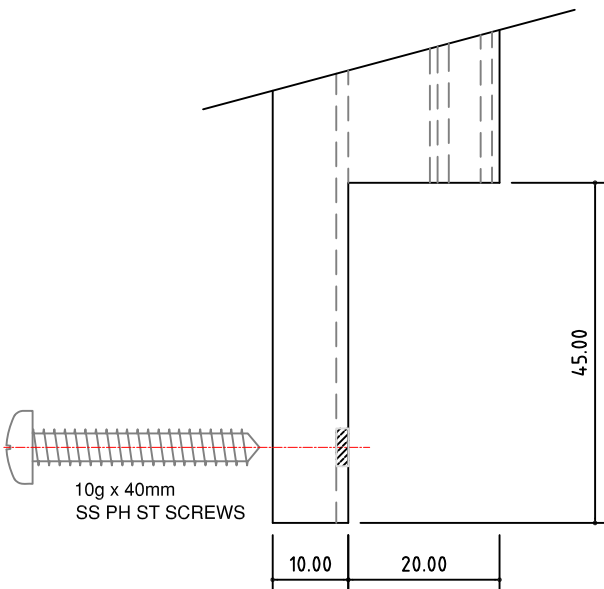
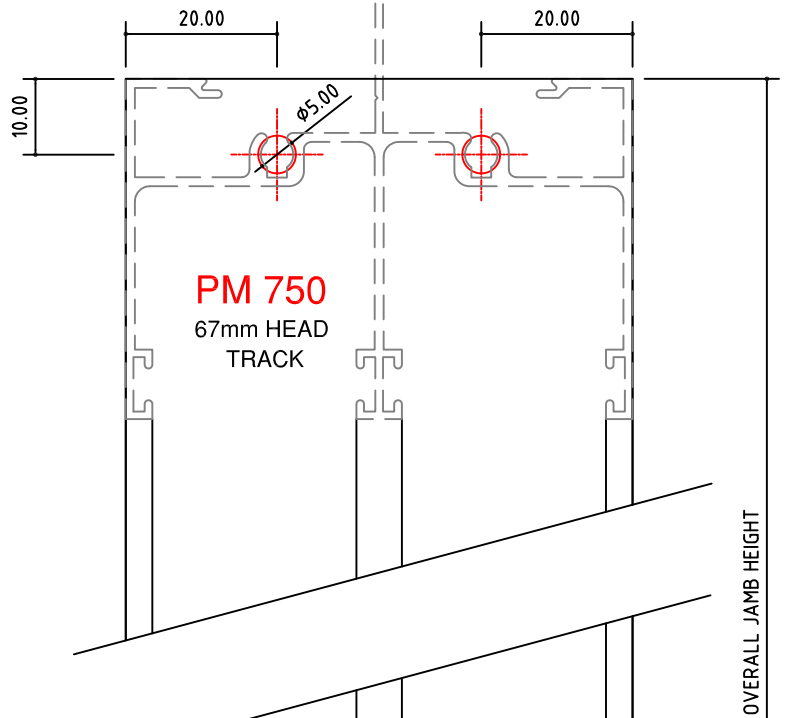
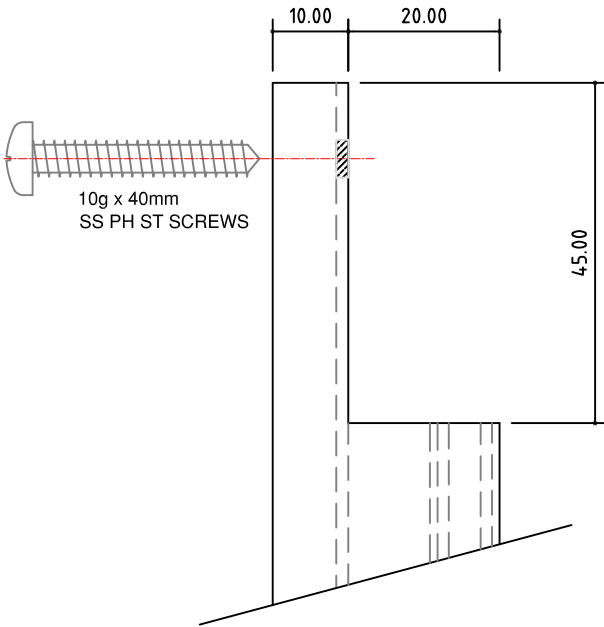
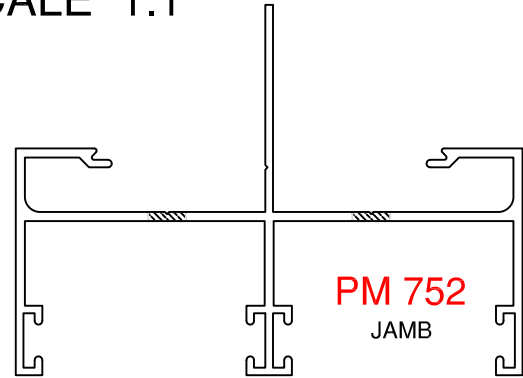




PM752 JAMB MACHINING DETAILS PM750 HEAD - PM751 SILL



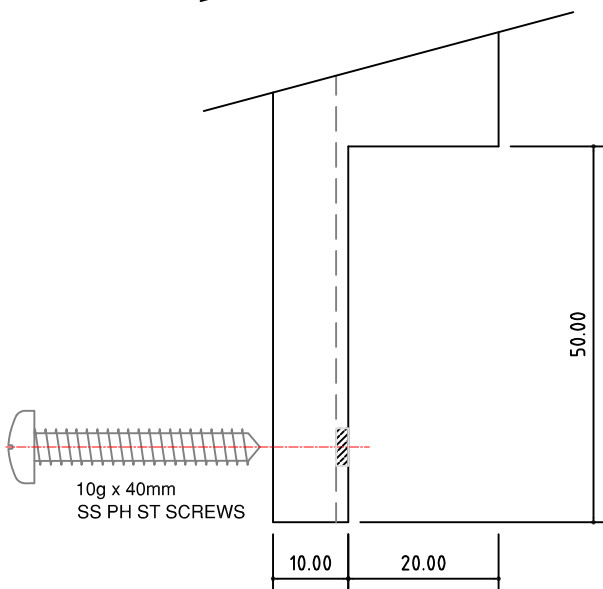
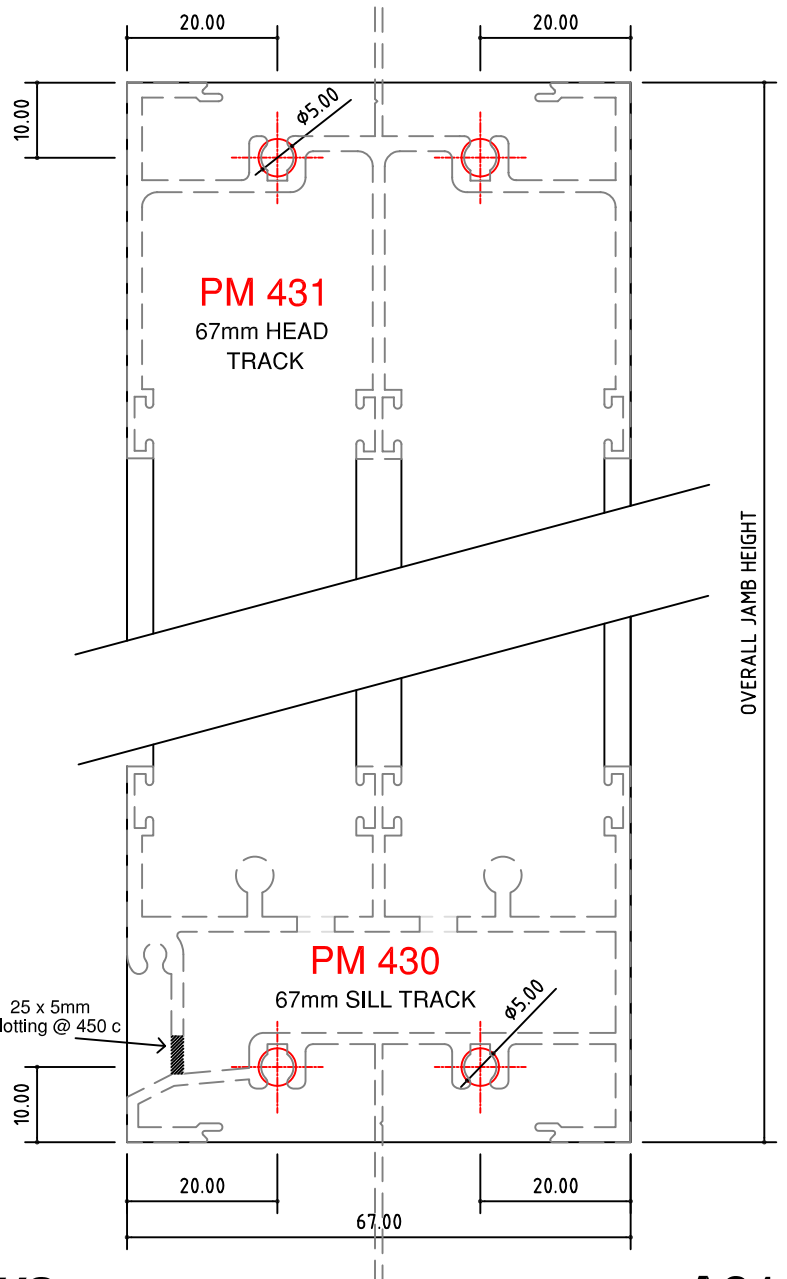
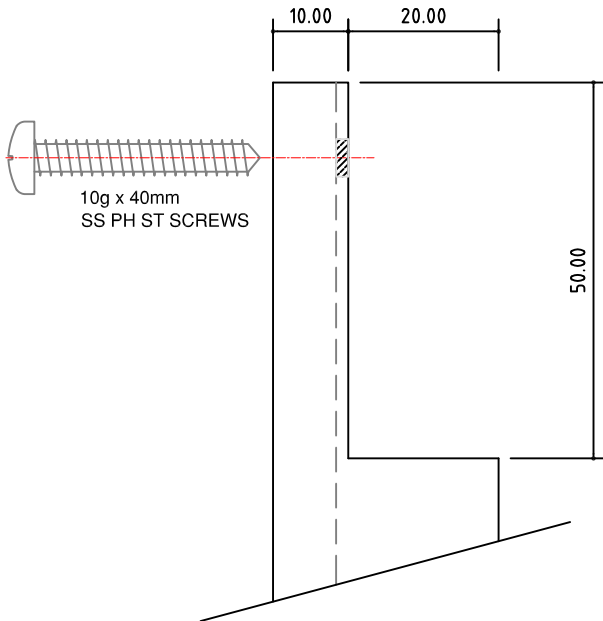
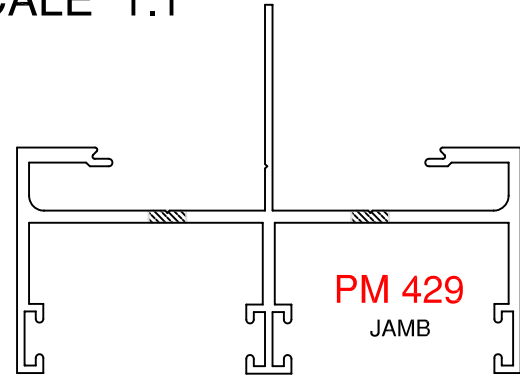
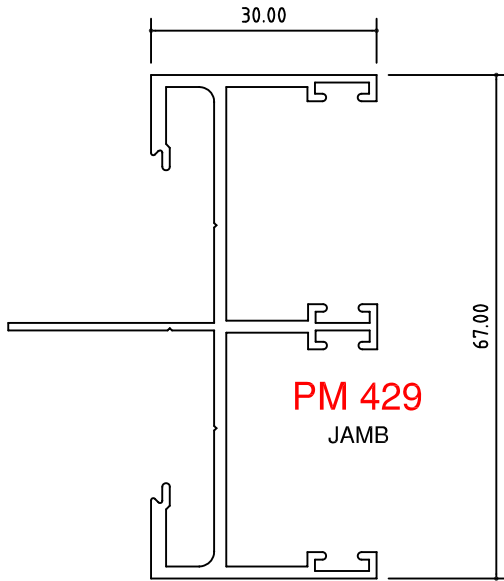
DETAIL
 SCALE 1:1



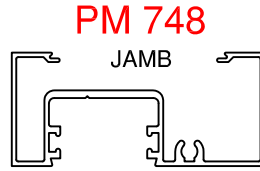
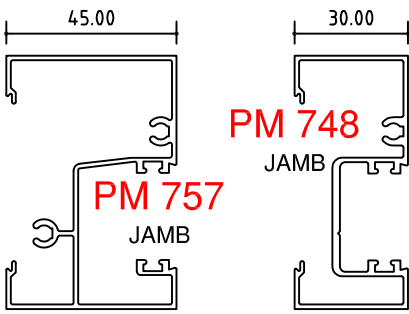


PM429 JAMB MACHINING DETAILS PM431 HEAD / PM430 SILL *(OBSOLETE)*

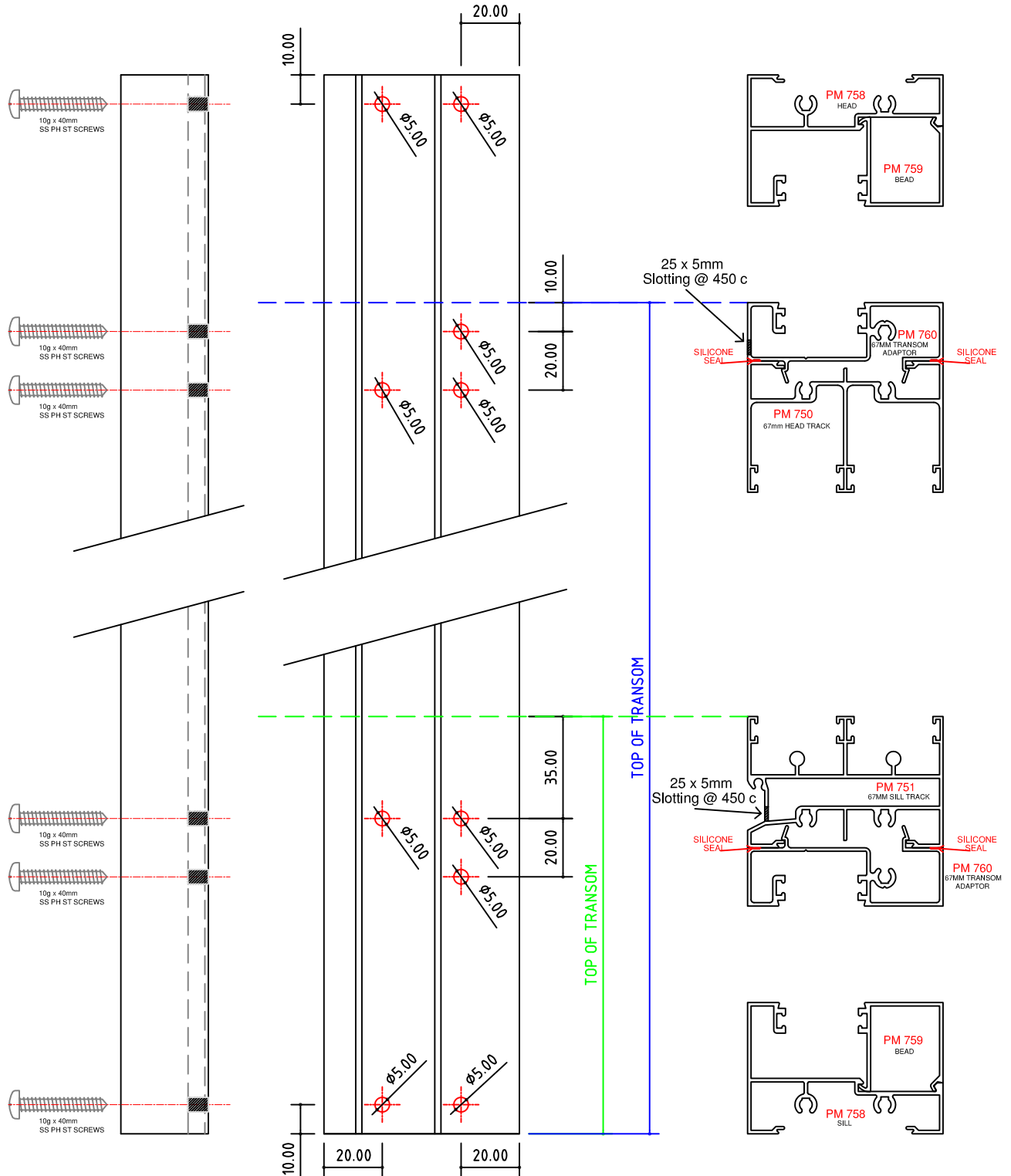
DETAIL
SCALE 1:1



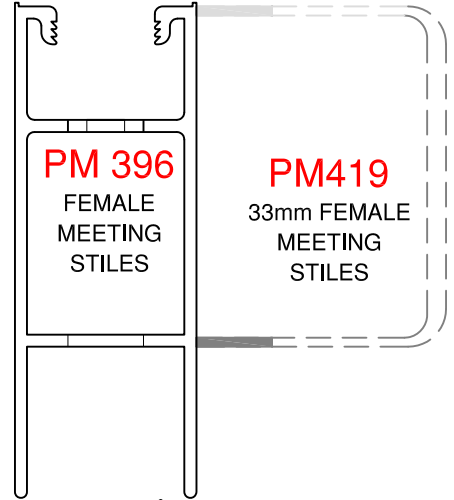
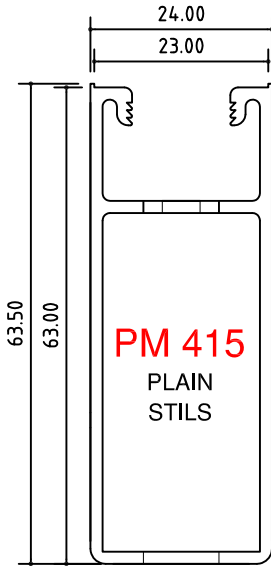
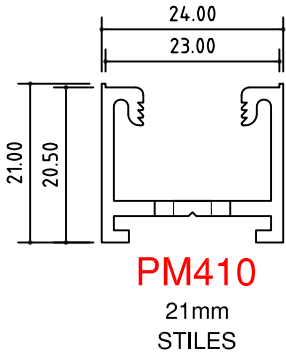
PM748 - 757 JAMB MACHINING DETAILS PM750 HEAD - PM751 SILL PM760-750 & 751- 760 TRANSOMS



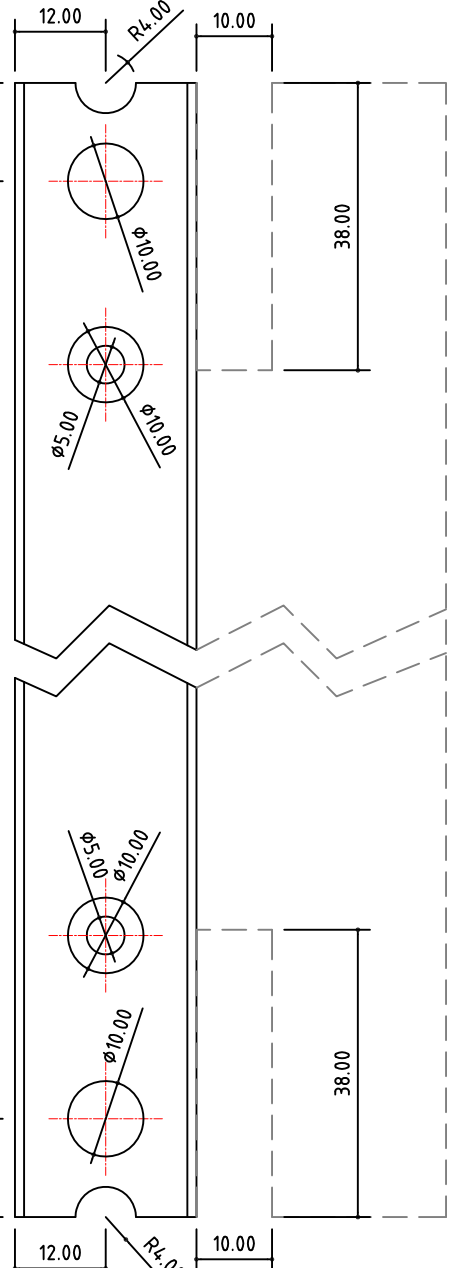
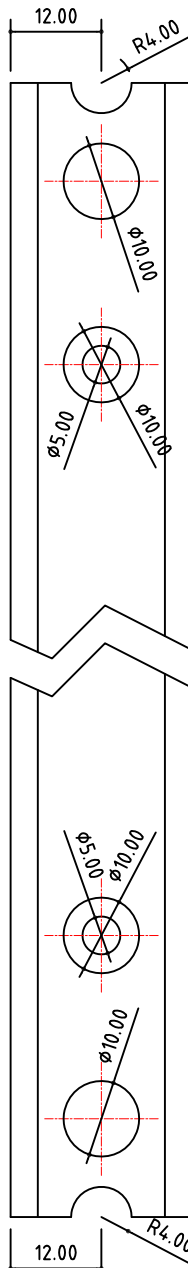
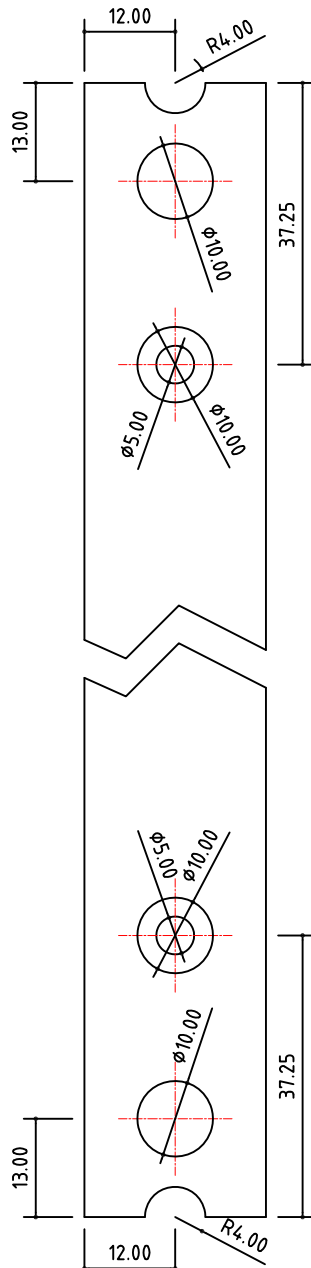
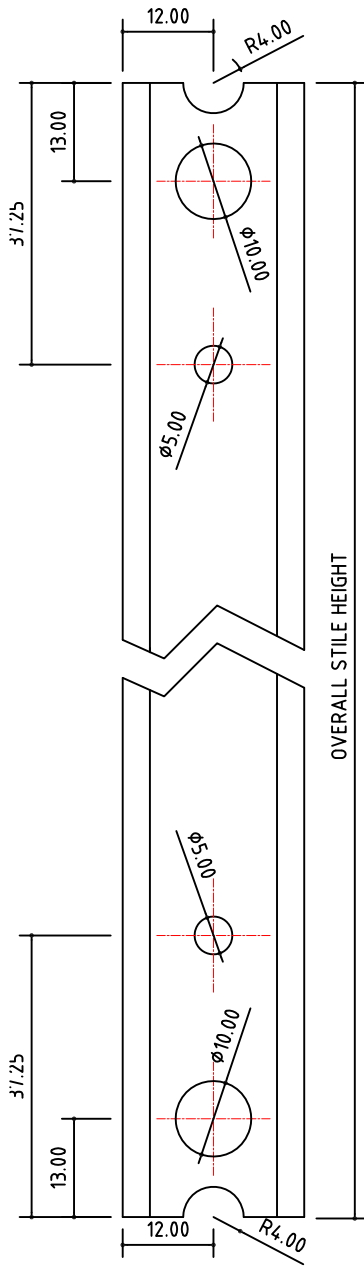
DETAIL
SCALE 1:2



PM770 - 771 - 769 - 772 - 773 PM396 - 410 - 415 - 418 - 419 - 434 STILE MACHINING DETAILS



SCALE 1:1



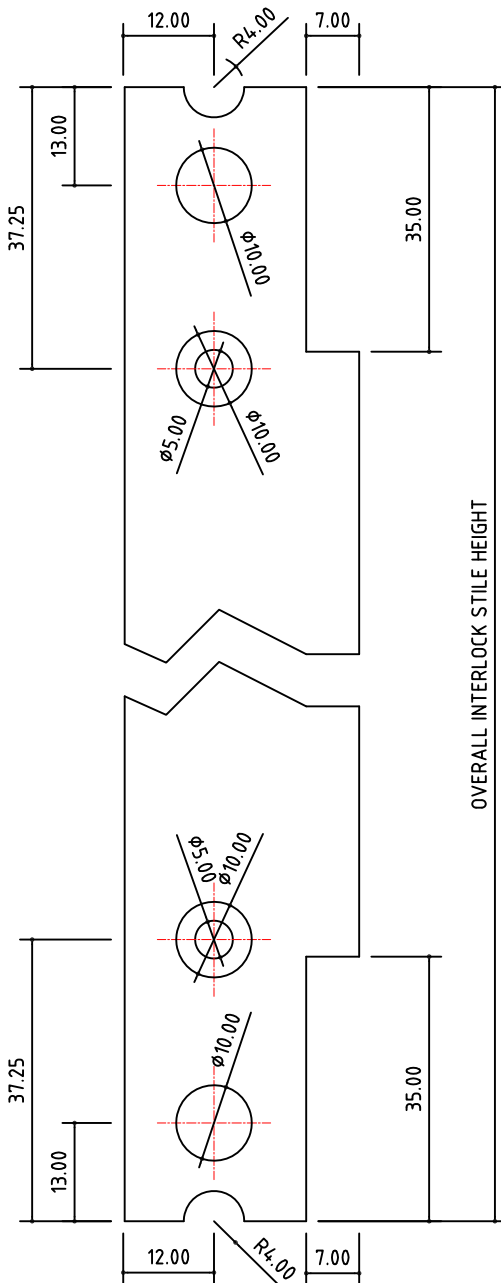
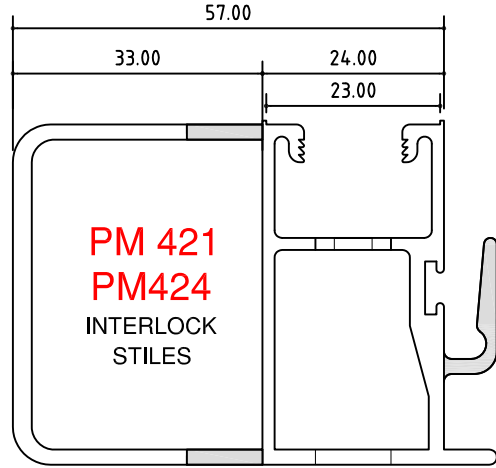
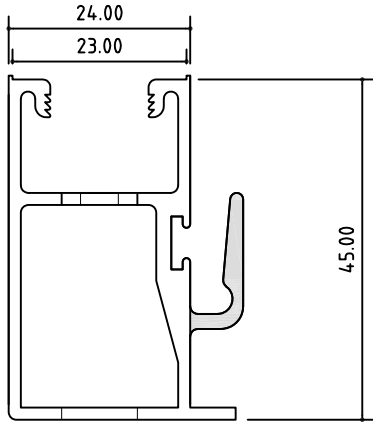
OVERALL STILE HEIGHT



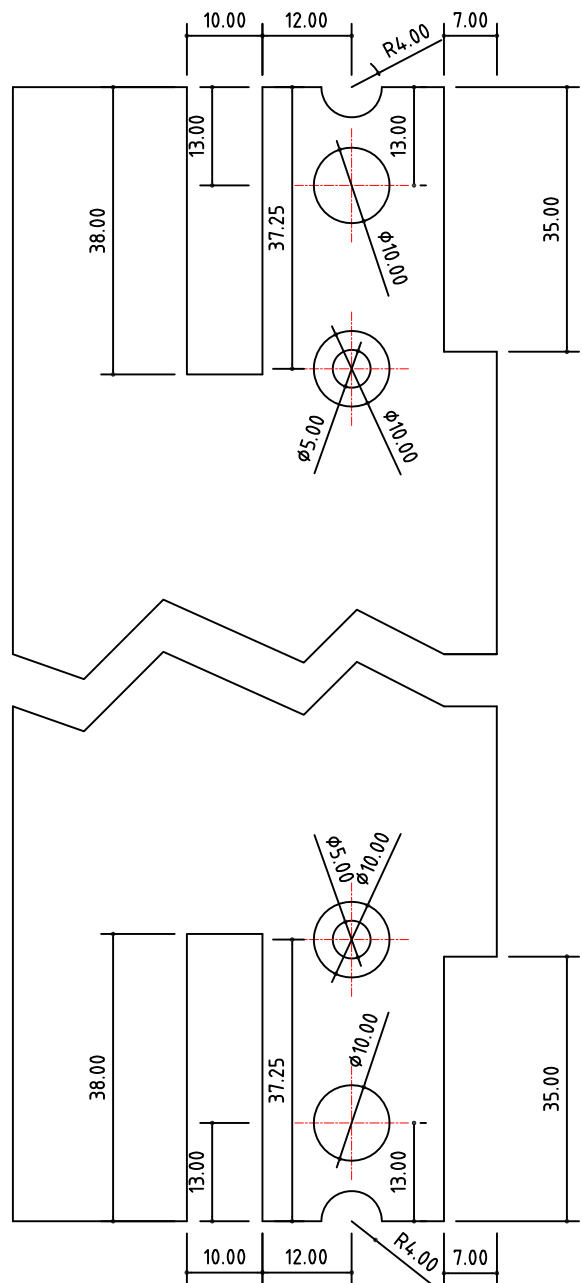
PM767 - 768 - 776 PM414 - 421 - 424 - 426 INTERLOCK STILE MACHINING DETAILS

SCALE 1:1

PM 414
INTERLOCK
STILES



OVERALL INTERLOCK STILE HEIGHT



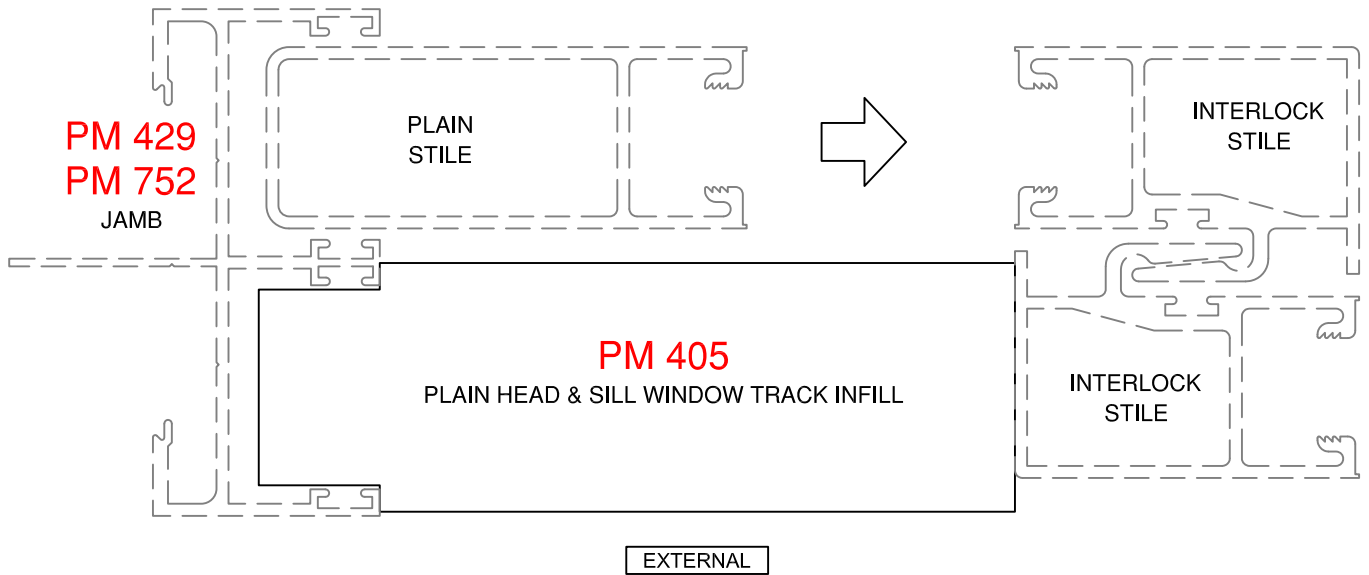
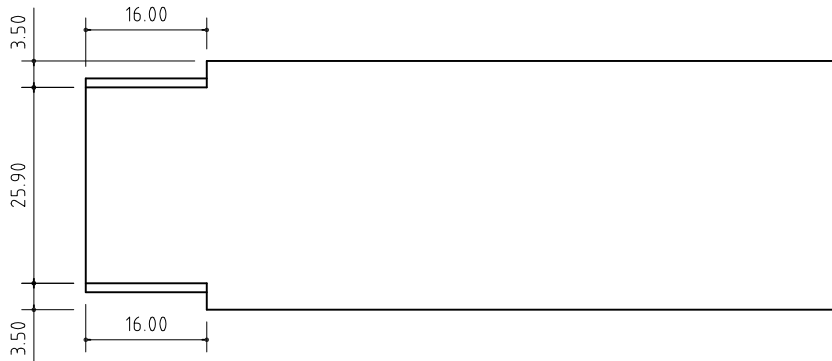
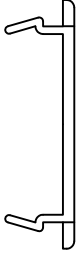


PM405 INFILL HEAD & SILL MACHINING DETAILS to suit PM429 & 752 JAMBS

SCALE 1:1

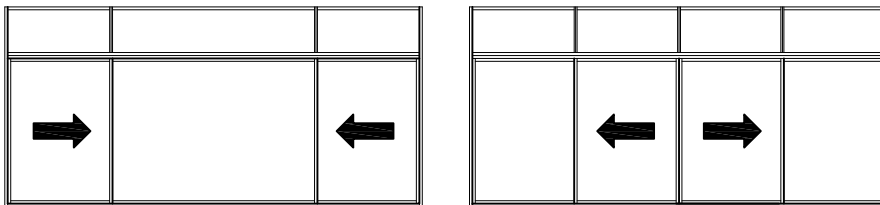
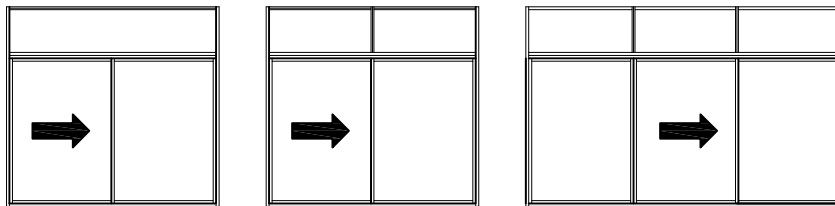
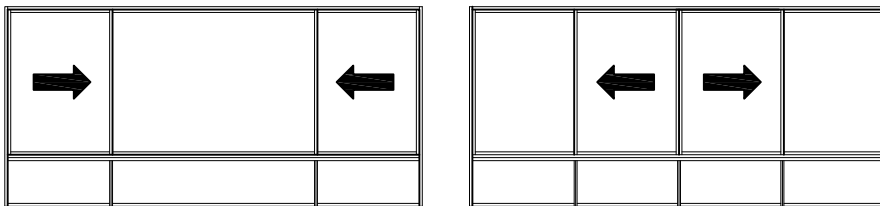
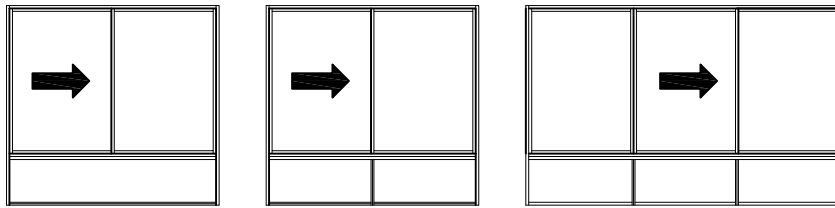
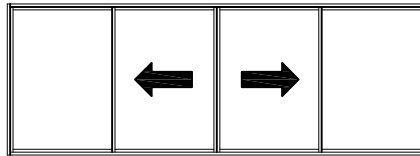
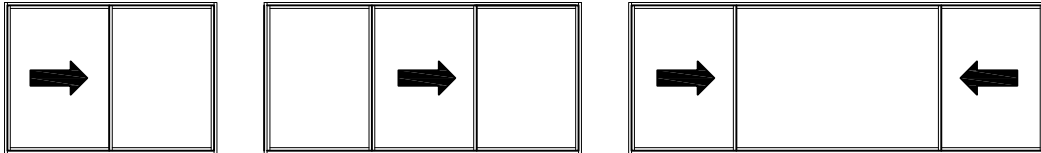
(NO SCREEN REQUIREMENT)

PM 405
PLAIN INFILL





100mm x 45mm - 3 TRACK SLIDING WINDOW CONFIGURATIONS



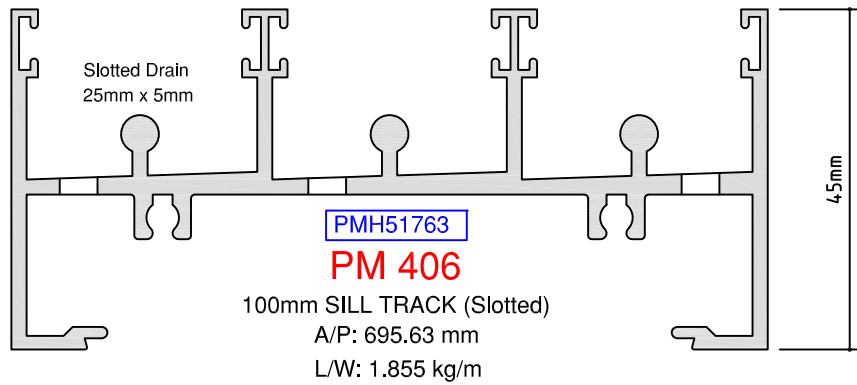
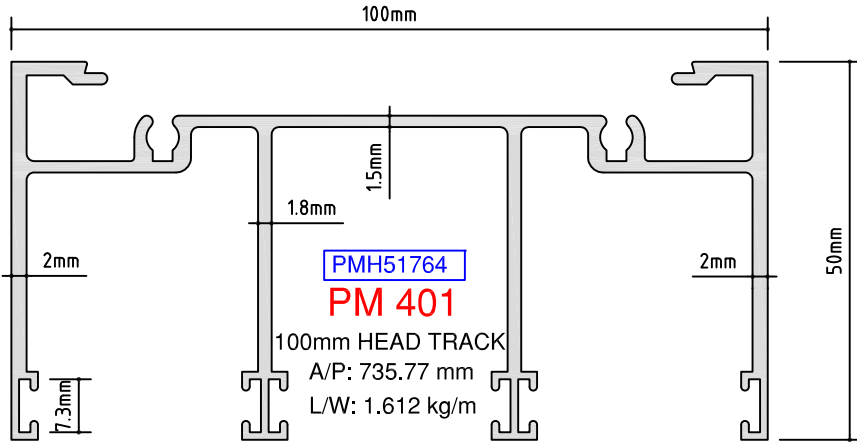
3003 SERIES WINDOWS -
3004 SERIES WINDOWS -

DOUBLE GLAZING
SINGLE GLAZING

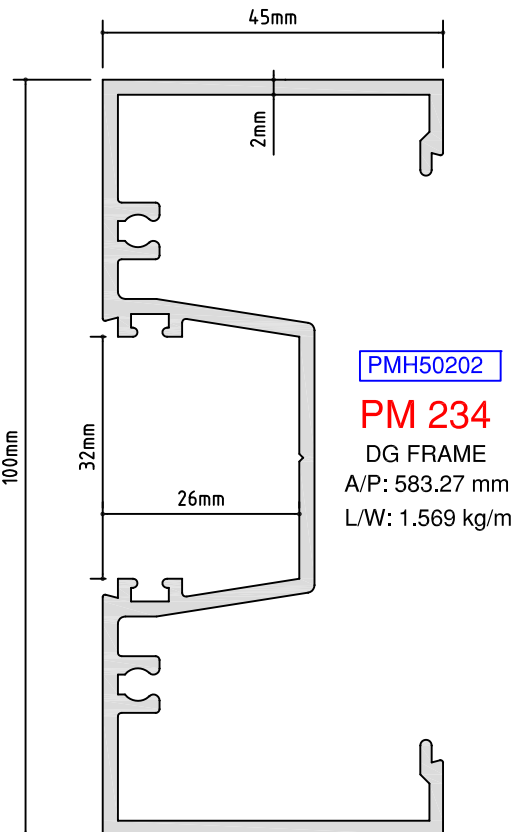
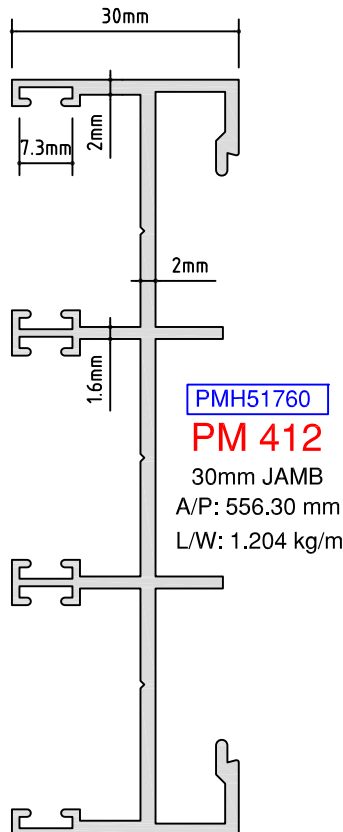
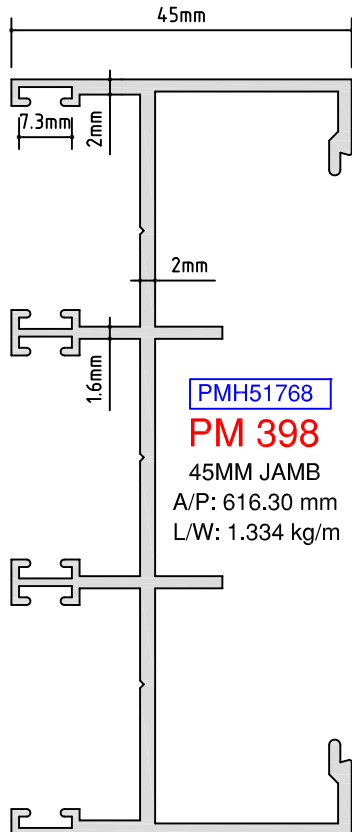
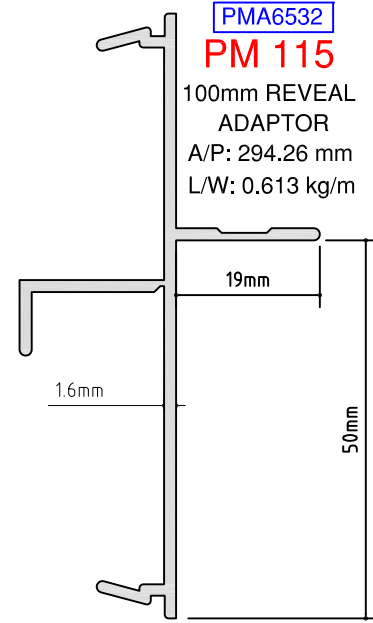
3003 SERIES WINDOWS

100mm x 45mm - 3 TRACK SLIDING WINDOW SECTIONS

Glazing up to 18.76mm

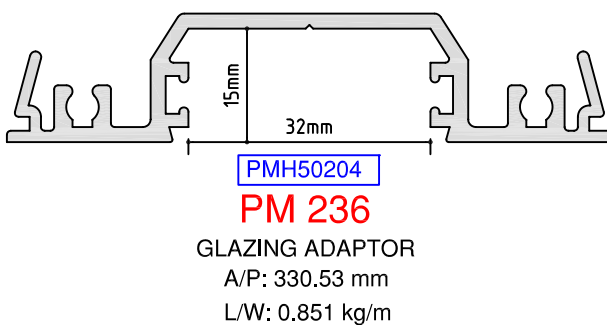
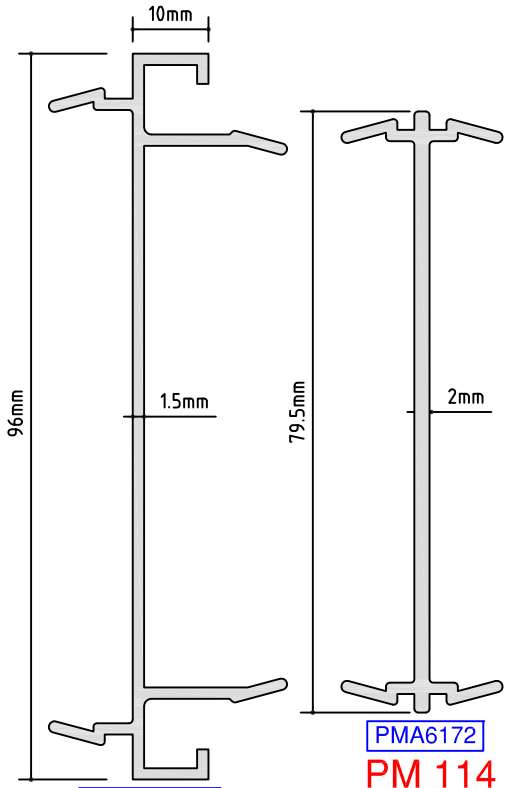
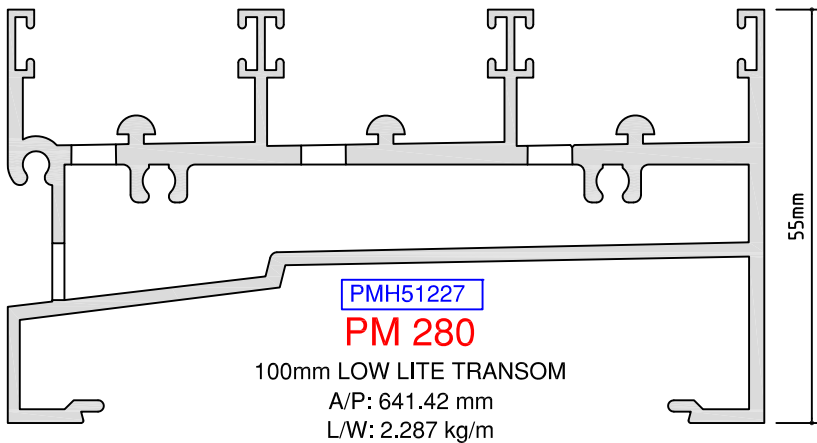
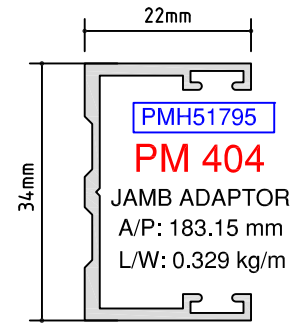
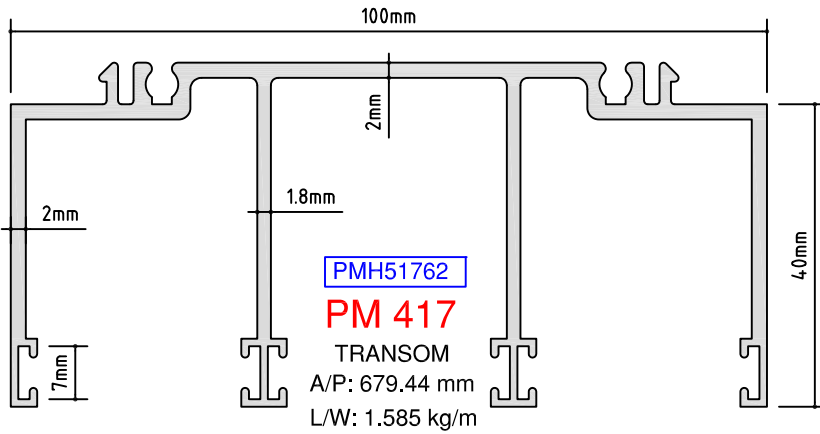
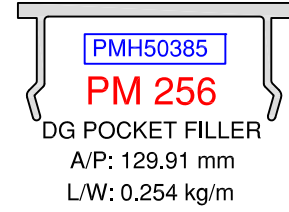
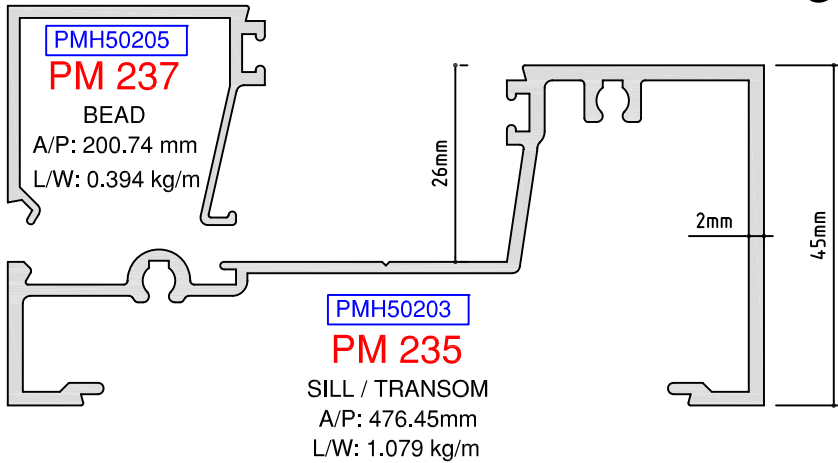


SCALE 1:1



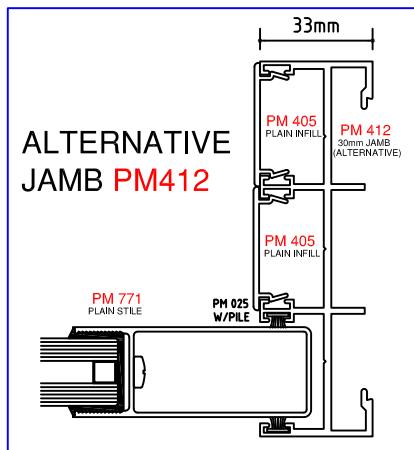
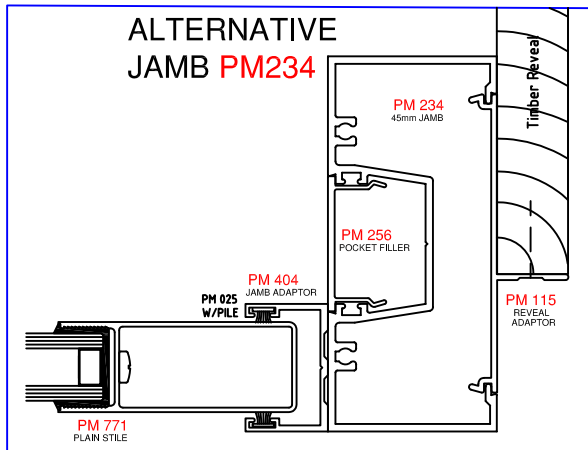
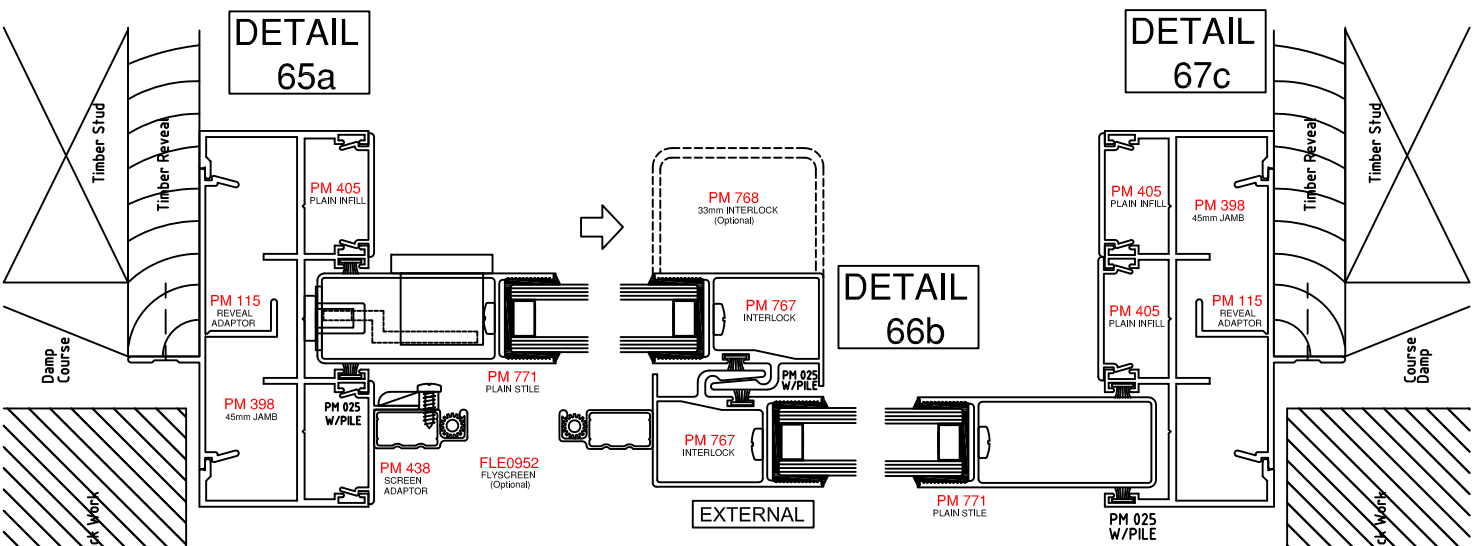
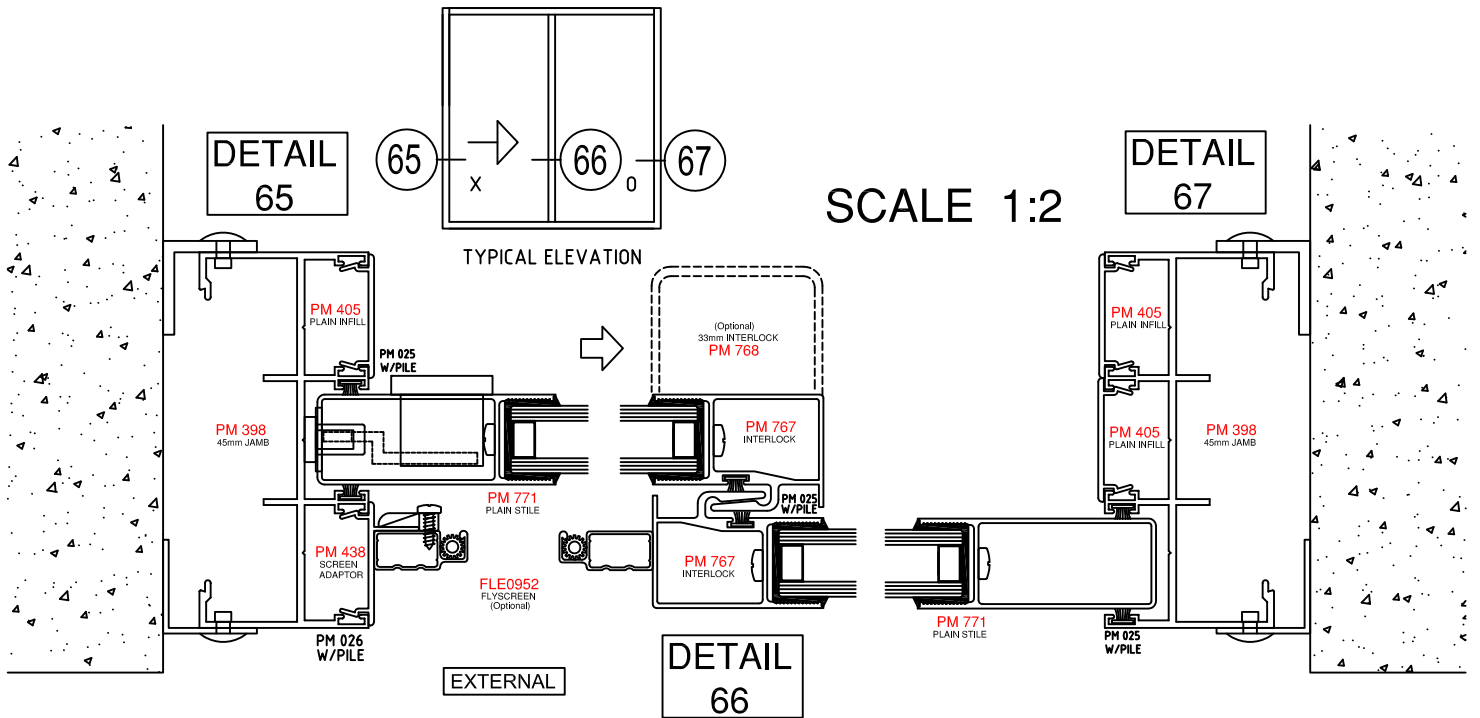
100mm x 45mm - 3 TRACK SLIDING WINDOW SECTIONS

SCALE 1:1



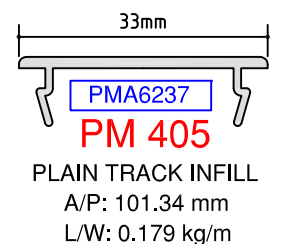
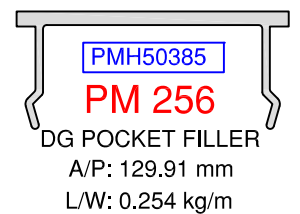
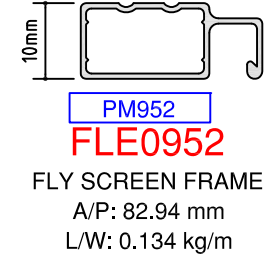
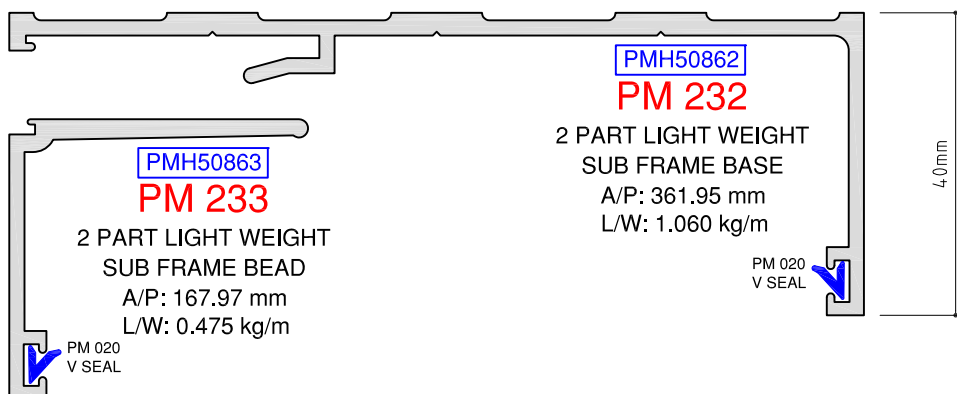
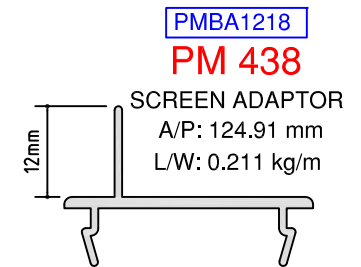
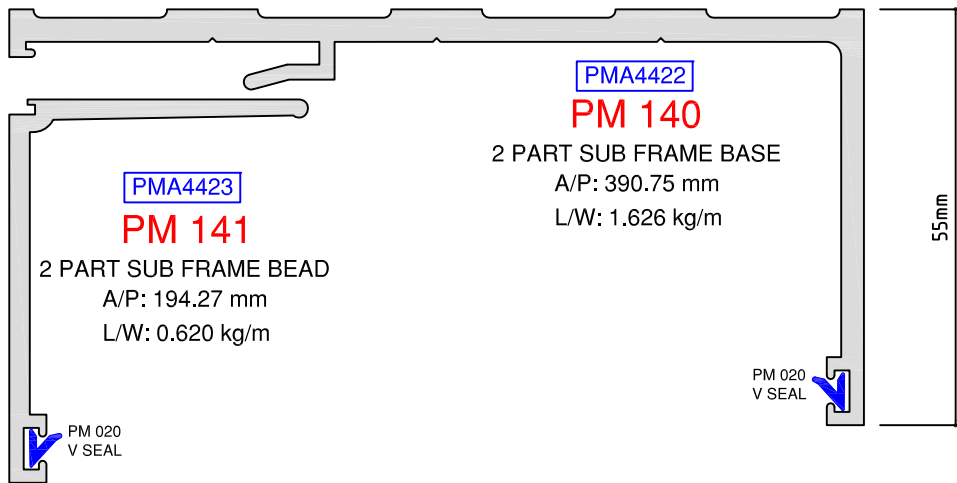
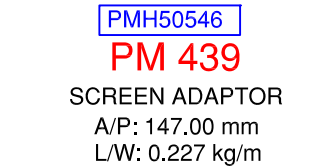
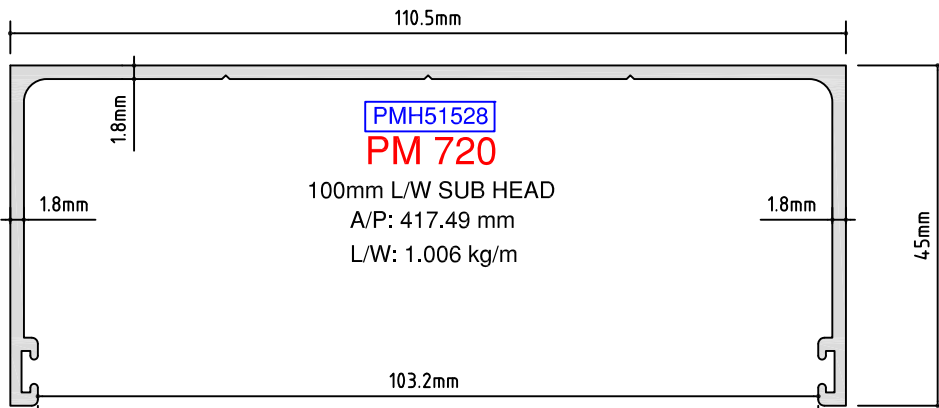
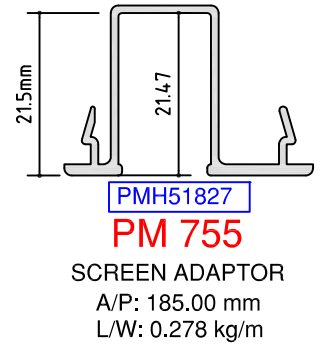
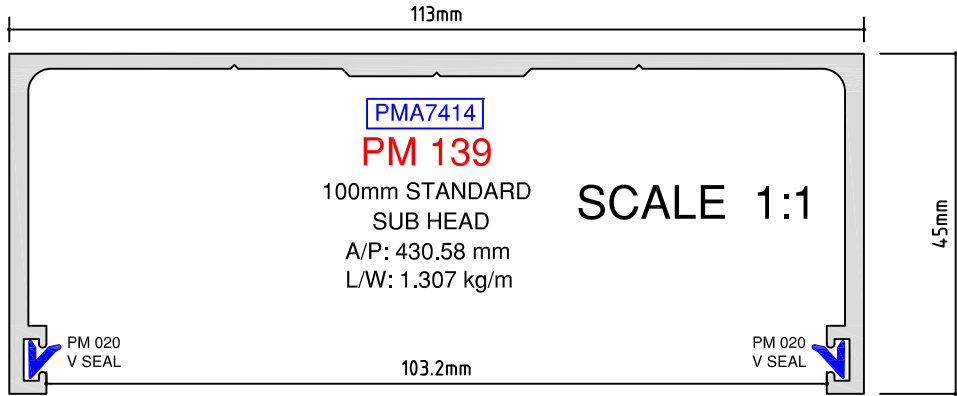


100mm x 45mm - 3 TRACK SLIDING WINDOW INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS





100mm x 45mm - 3 TRACK SLIDING WINDOW SECTIONS

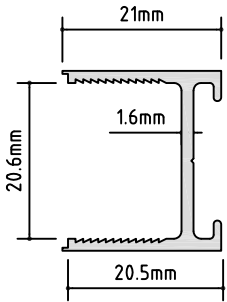


SLIDING SASH PROFILES

20.6mm POCKET

DOUBLE GLAZING to 18mm

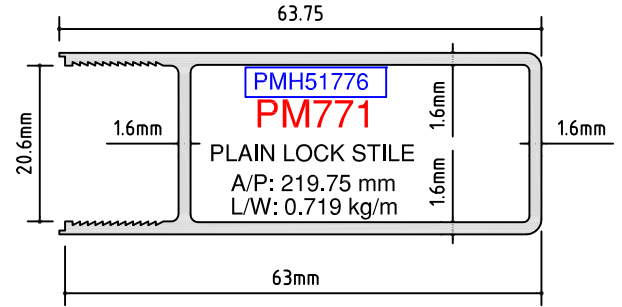
SCALE 1:1



PMH51781

PM770

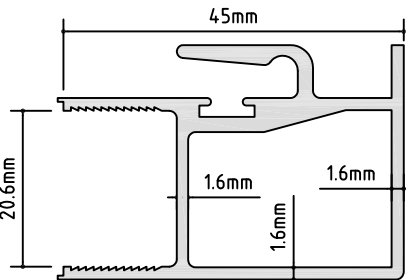
21mm L/W STILE
A/P: 150.08 mm
L/W: 0.265 kg/m



PMH51776

PM771

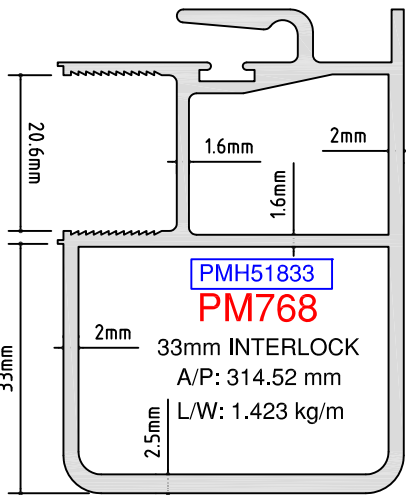
PLAIN LOCK STILE
A/P: 219.75 mm
L/W: 0.719 kg/m



PMH51774

PM767

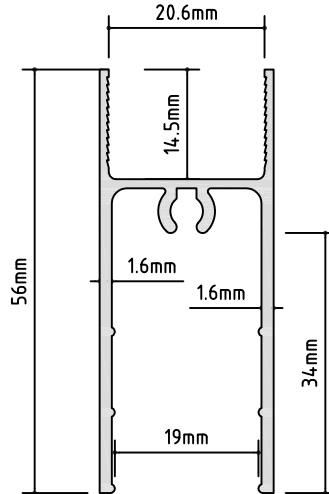
STANDARD INTERLOCK
A/P: 252.38 mm
L/W: 0.767 kg/m



PMH51833

PM768

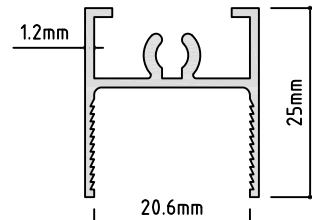
33mm INTERLOCK
A/P: 314.52 mm
L/W: 1.423 kg/m



PMH51779

PM774

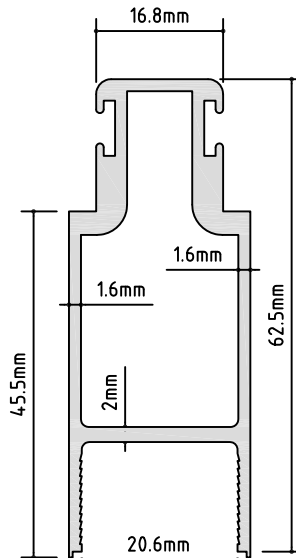
56mm L/W RAIL
A/P: 295.49 mm
L/W: 0.612 kg/m



PMH51780

PM775

25mm L/W TOP RAIL
A/P: 191.68 mm
L/W: 0.284 kg/m



PMH51920

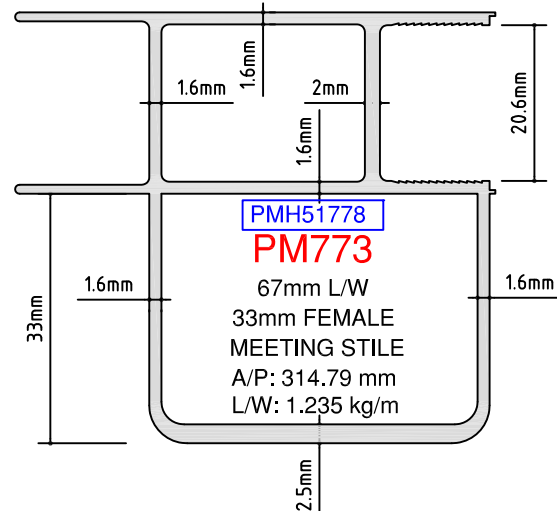
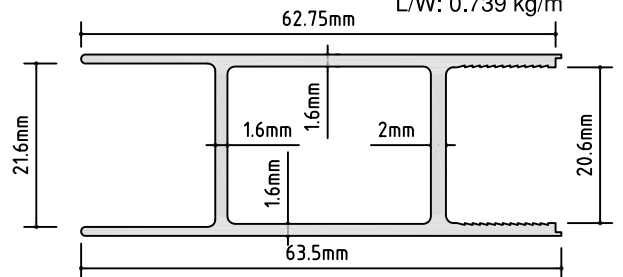
PM769

67mm L/W
MALE MEETING STILE
A/P: 237.54 mm
L/W: 0.768 kg/m

PMH51777

PM772

67mm L/W
FEMALE MEETING STILE
A/P: 253.08 mm
L/W: 0.739 kg/m



PMH51778

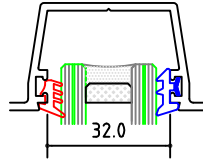
PM773

67mm L/W
33mm FEMALE
MEETING STILE
A/P: 314.79 mm
L/W: 1.235 kg/m

GLAZING DETAILS

ROLL IN WEDGE + ROLL IN WEDGE









Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM004	PM004
10.38mm		
12.00mm	PM006	PM007
12.50mm		
14mm DGU	PM005	PM007
16mm DGU	PM005	PM005
18mm DGU	PM008	PM008



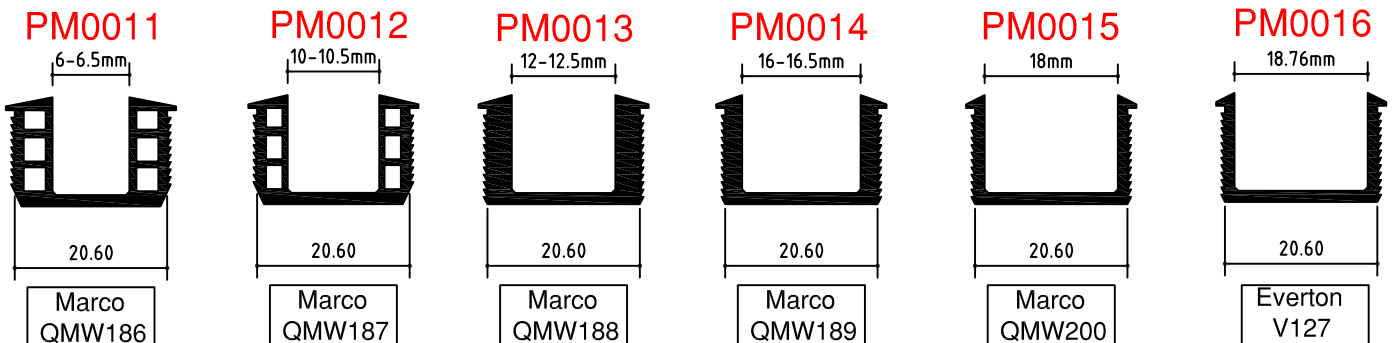
CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM001	PM004
10.38mm		
12.00mm	PM001	PM007
12.50mm		
14mm DGU	PM002	PM006
16mm DGU	PM002	PM005
18mm DGU	PM003	PM008

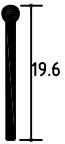

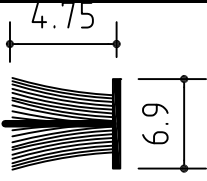
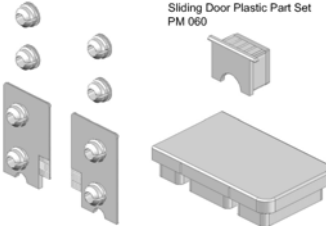
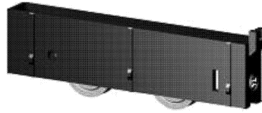
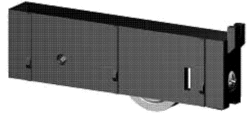
WEDGE TYPES (P.V.C MATERIAL)

							
White Back	Red Back	Blue Back					
Captive Part No:	Captive Part No:	Captive Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:	Roll in Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

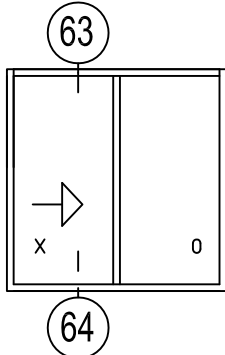
SASH GLAZING CHANNELS



COMPONENTS

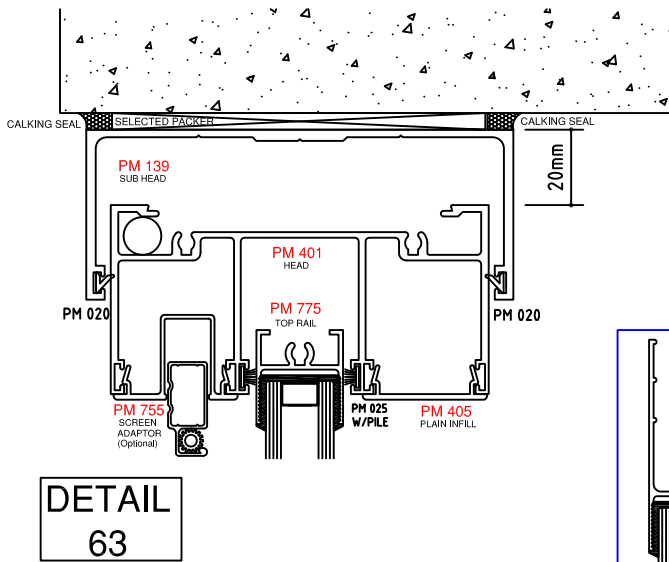
SHAPE	PART No:	FITS TO SECTIONS
	<p>PM019 19.6mm SILL FLAP</p>	<p>PM138, PM280</p>
	<p>PM020 MULLION / SUB FRAME V SEAL</p>	<p>PM138, PM139, PM140, PM141, PM142 , PM145, PM232, PM233, PM706, PM720</p>
	<p>PM 025 FINNED WOOL PILE</p>	<p>PM280, PM398, PM401, PM404, PM406, PM412, PM417, PM767, PM768, PM769</p>
 <p>Sliding Door Plastic Part Set PM 060</p>	<p>PM 060 3006 SERIES SASH PLASTIC PART SET</p>	<p>PM767, PM768, PM769, PM771, PM772, PM773,</p>
	<p>PM 065 100kg DOUBLE WHEEL ROLLER</p>	<p>PM774</p>
	<p>PM 066 50kg SINGLE WHEEL ROLLER</p>	<p>PM774</p>

100mm x 45mm - 3 TRACK SLIDING WINDOW INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS

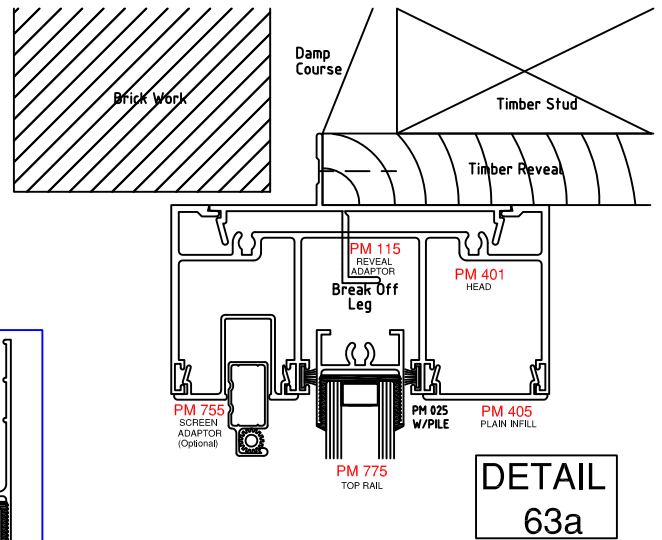


TYPICAL ELEVATION

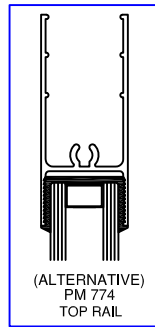
SCALE 1:2



DETAIL 63

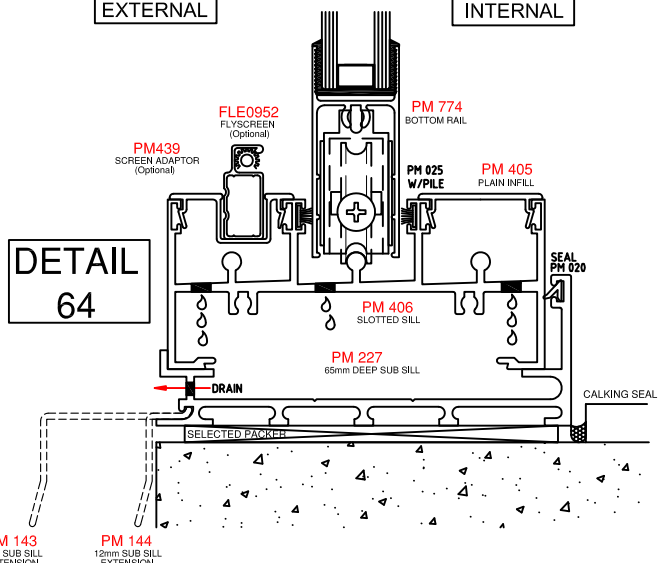


DETAIL 63a

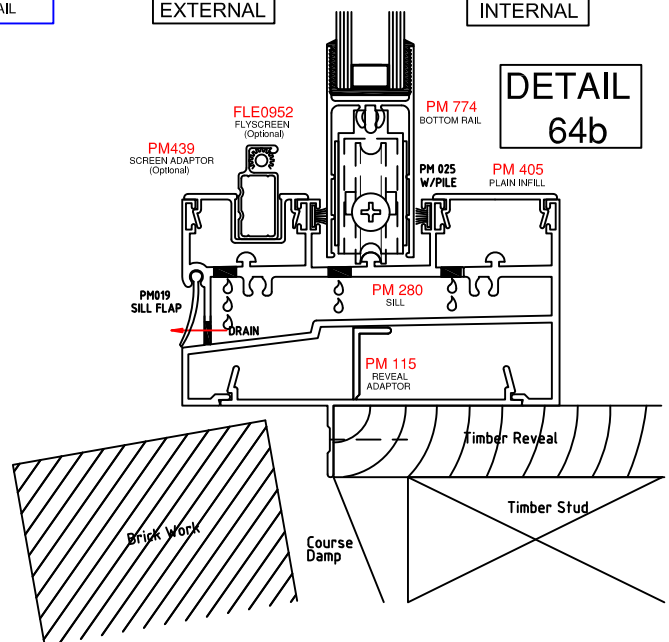


EXTERNAL INTERNAL

EXTERNAL INTERNAL



DETAIL 64



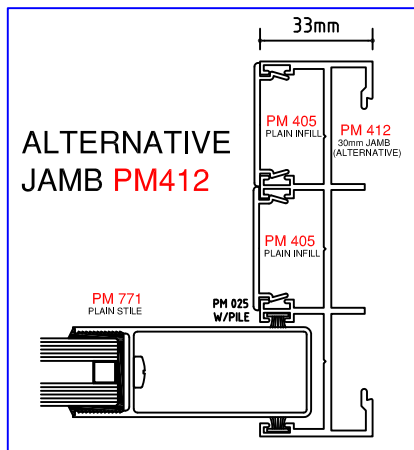
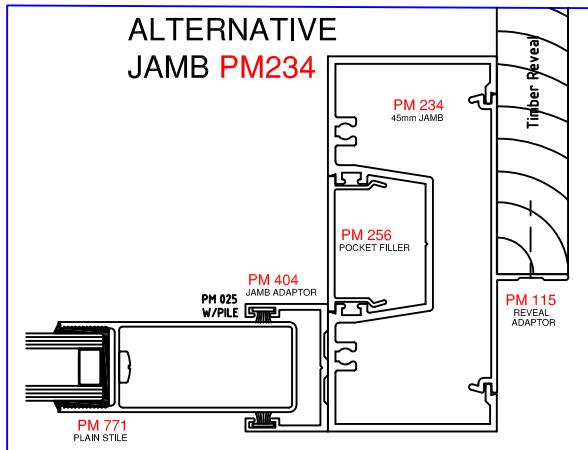
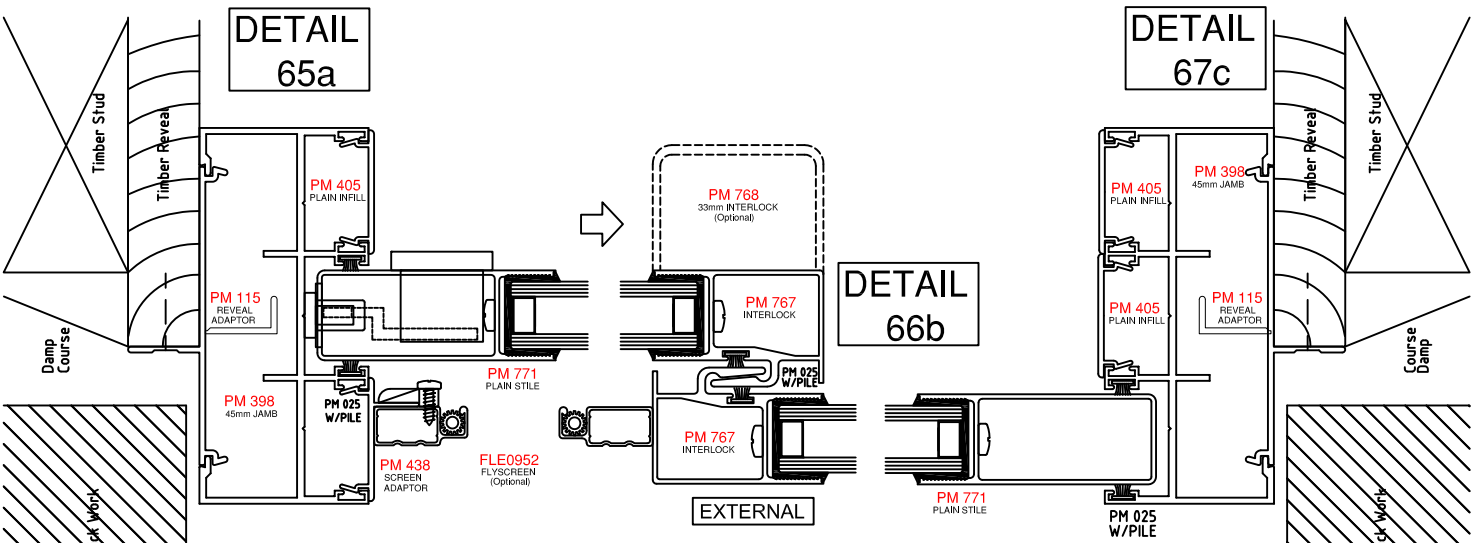
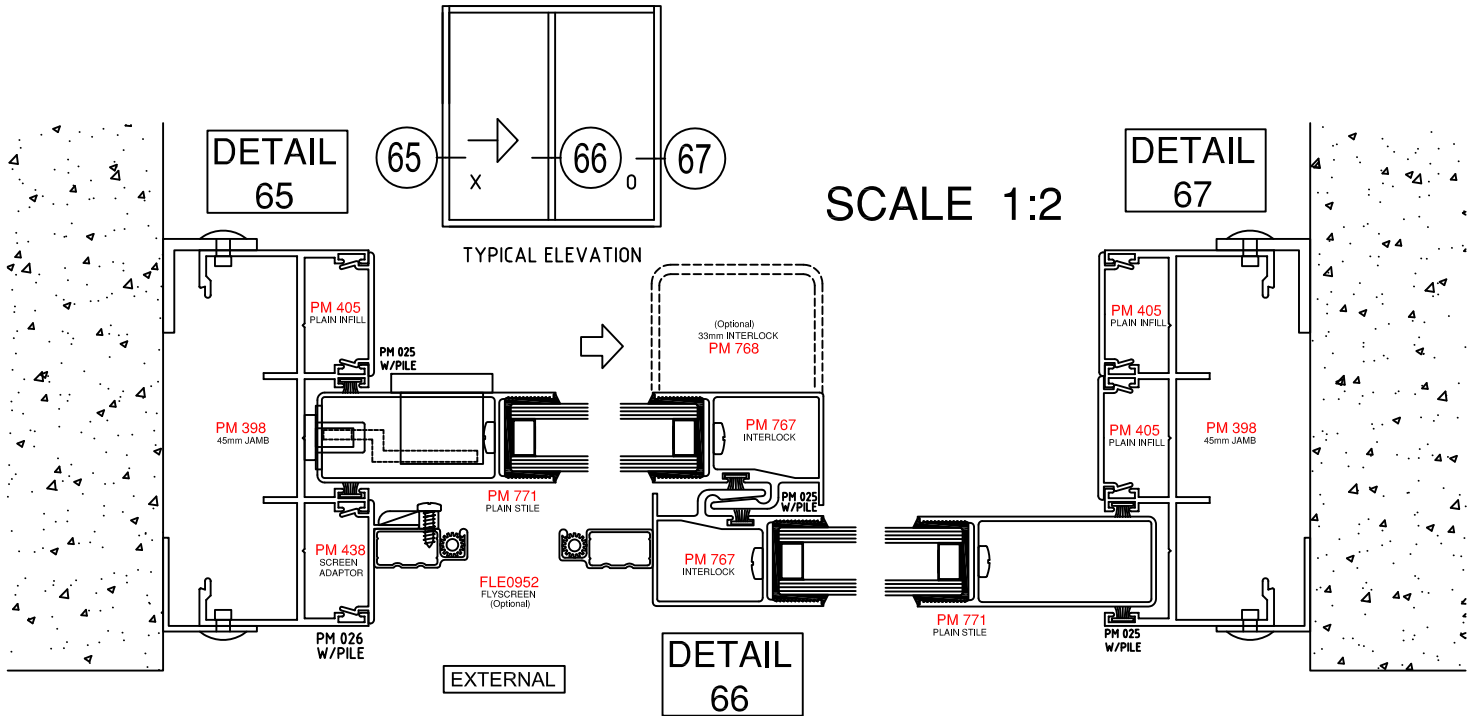
DETAIL 64b

PM 143
40mm SUB SILL
EXTENSION

PM 144
12mm SUB SILL
EXTENSION



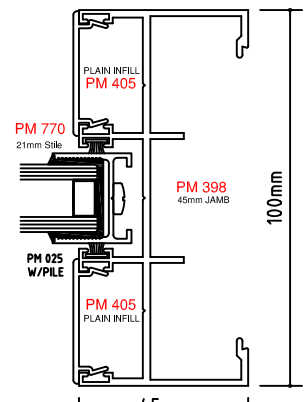
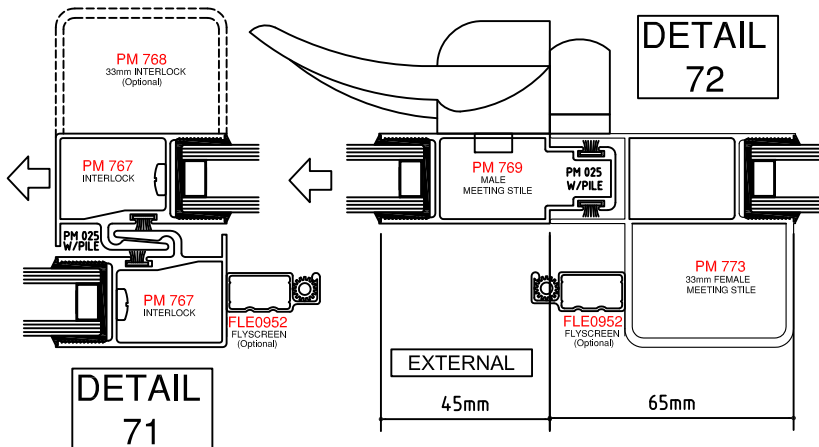
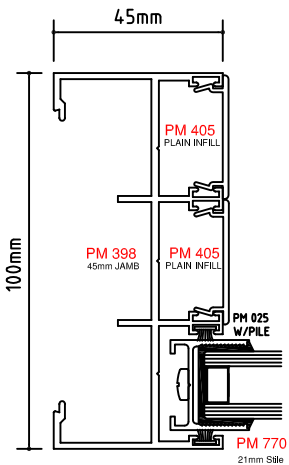
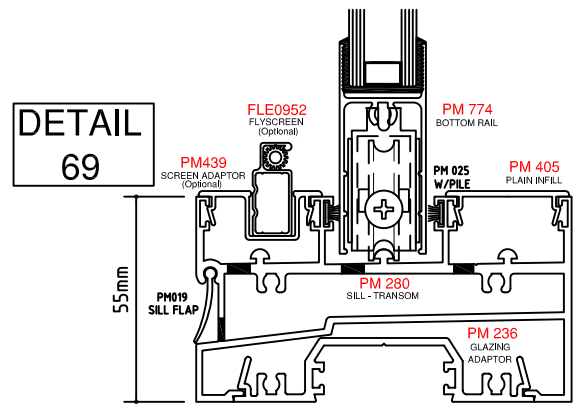
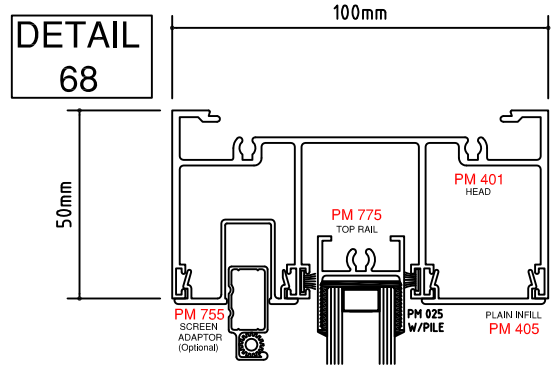
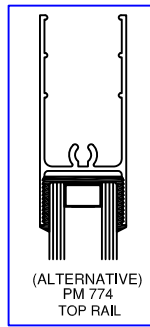
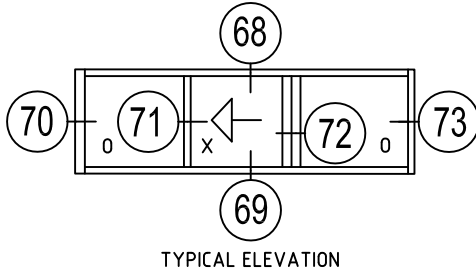
100mm x 45mm - 3 TRACK SLIDING WINDOW INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS





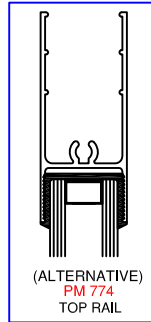
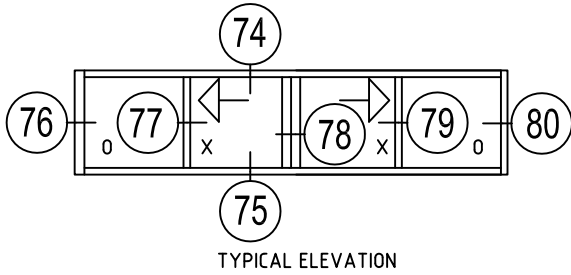
100mm x 45mm - 3 TRACK - OXLO - OXRO SLIDING WINDOW - DETAILS

SCALE 1:2

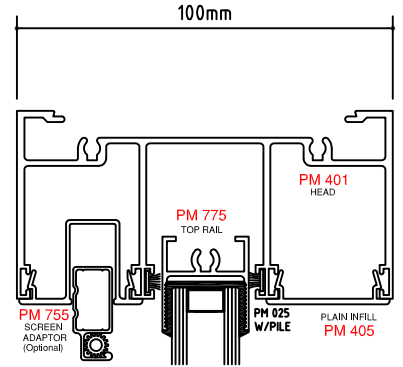


100mm x 45mm - 3 TRACK - OXXO SLIDING WINDOW - DETAILS

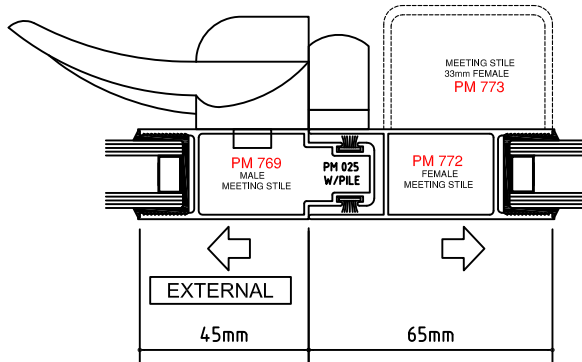
DETAIL
SCALE 1:2



DETAIL
74

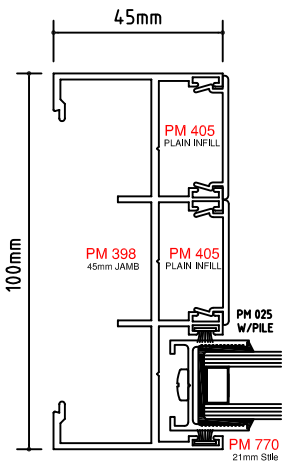
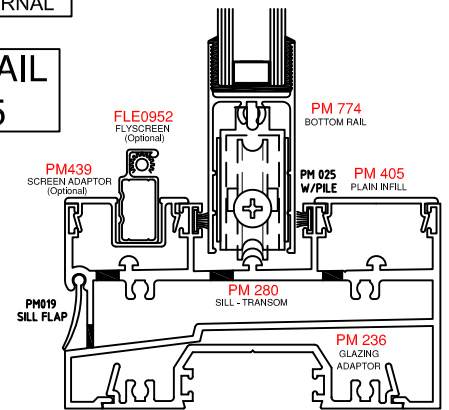


DETAIL
78

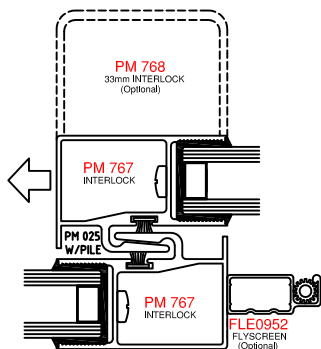


EXTERNAL

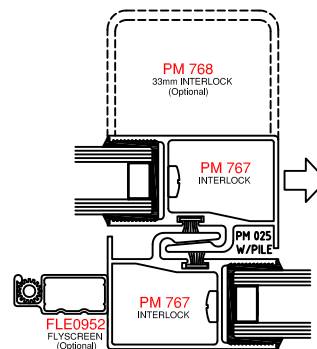
DETAIL
75



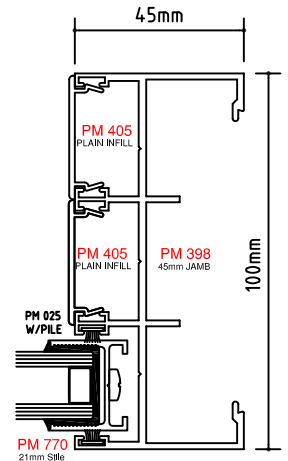
DETAIL
76



DETAIL
77



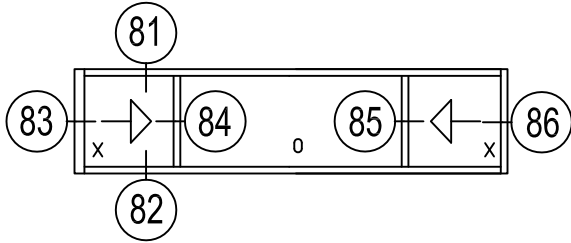
DETAIL
79



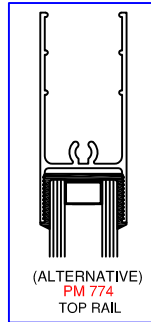
DETAIL
80

100mm x 45mm - 3 TRACK - XOX SLIDING WINDOW - DETAILS

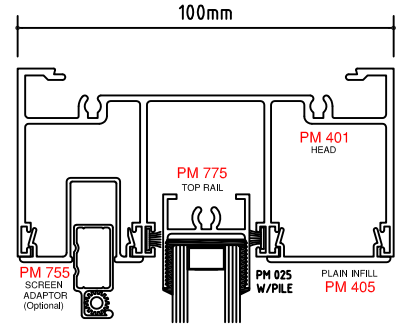
DETAIL
SCALE 1:2



TYPICAL ELEVATION

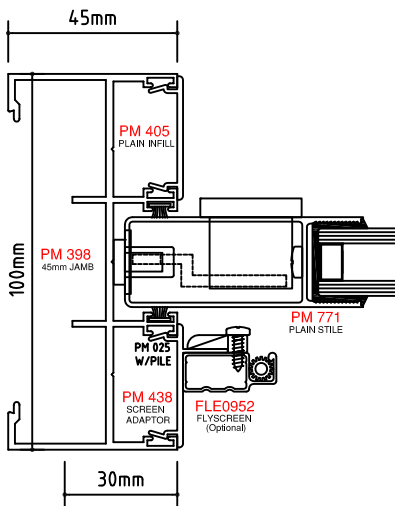
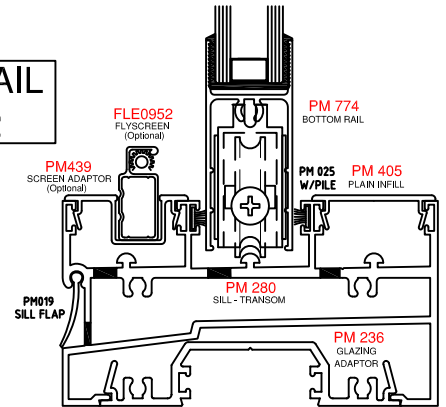


DETAIL
81

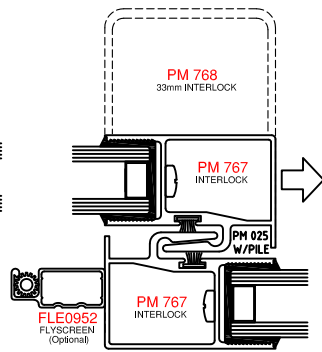


EXTERNAL

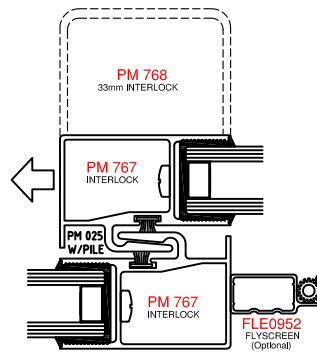
DETAIL
82



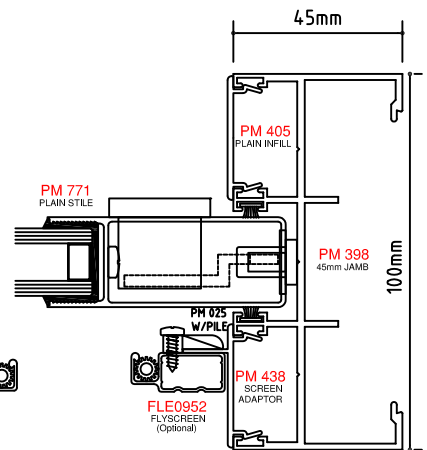
DETAIL
83



DETAIL
84



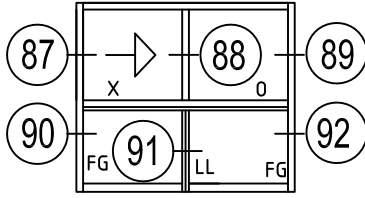
DETAIL
85



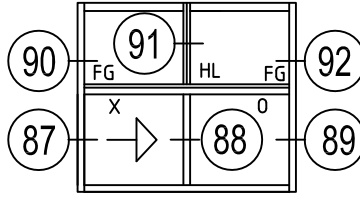
DETAIL
86

100mm x 45mm - 3 TRACK SLIDING WINDOW DETAILS

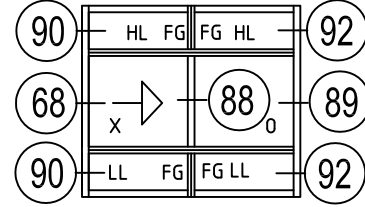
SCALE 1:2



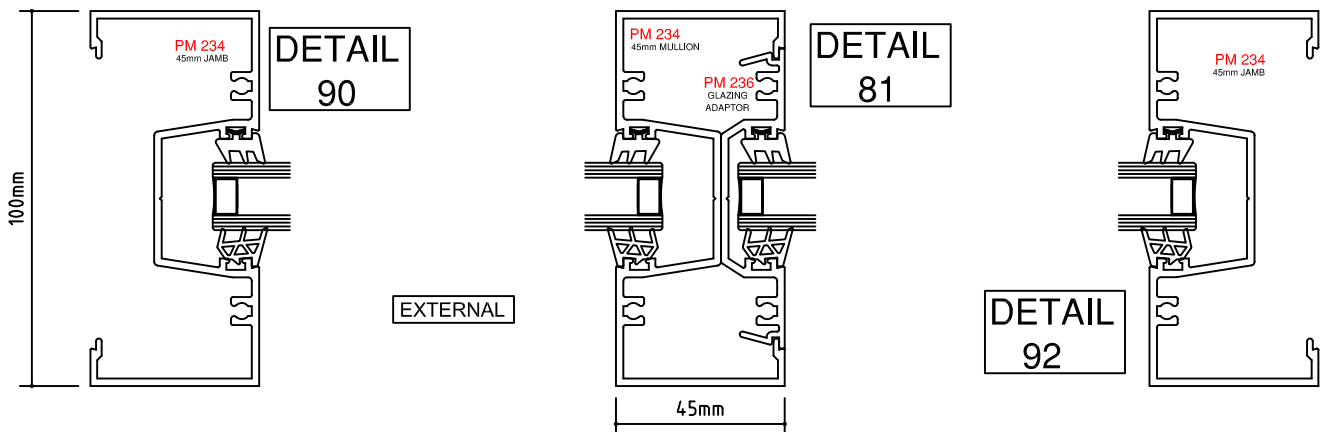
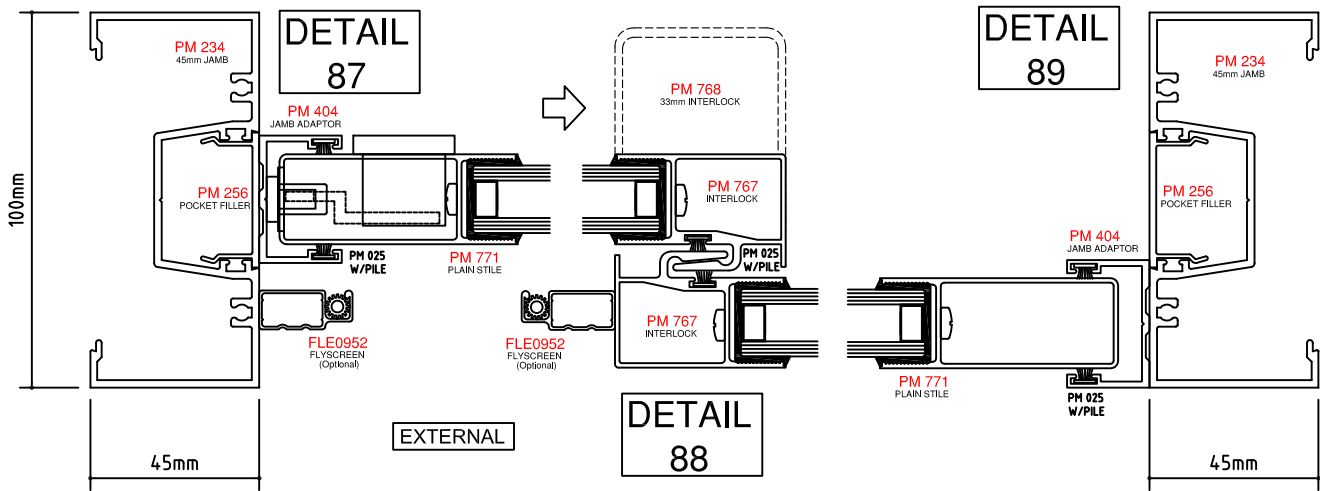
TYPICAL ELEVATION
LOW LITE



TYPICAL ELEVATION
HIGH LITE

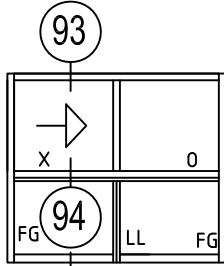


TYPICAL ELEVATION
HIGH LITE - LOW LITE

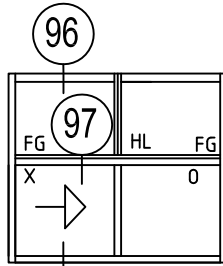


100mm x 45mm - 3 TRACK SLIDING WINDOW DETAILS

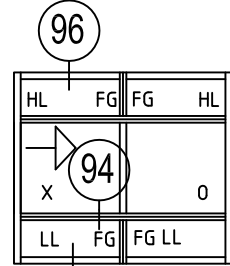
SCALE 1:2



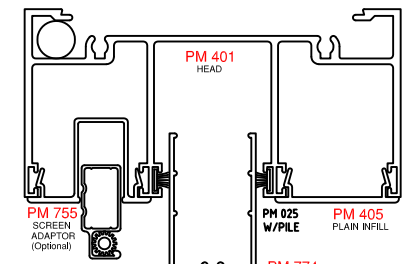
95 TYPICAL ELEVATION
LOW LITE



98 TYPICAL ELEVATION
HIGH LITE

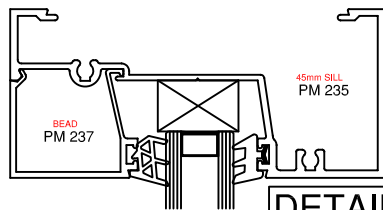


95 TYPICAL ELEVATION
HIGH LITE - LOW LITE

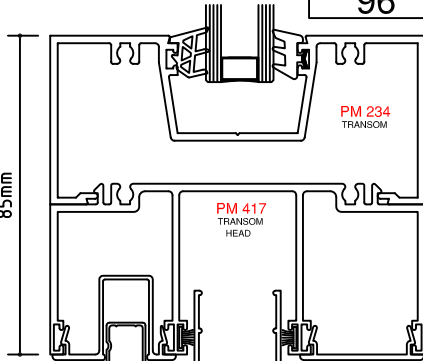


DETAIL
93

EXTERNAL INTERNAL

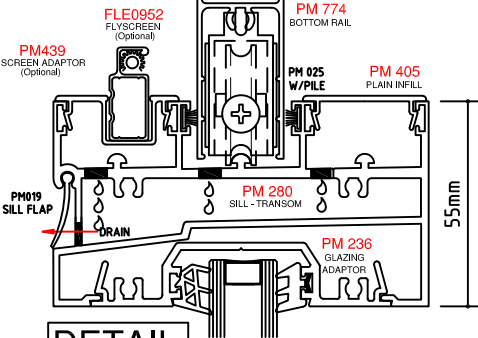


DETAIL
96



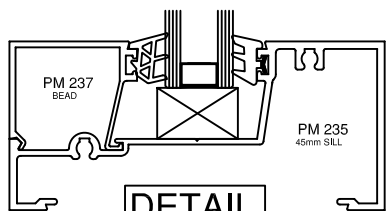
DETAIL
97

EXTERNAL INTERNAL

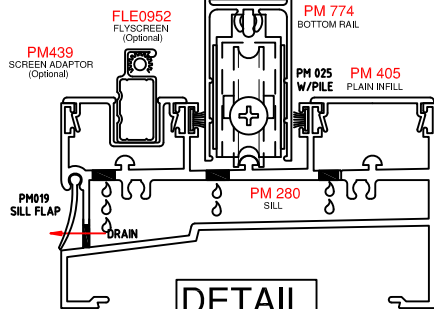


DETAIL
94

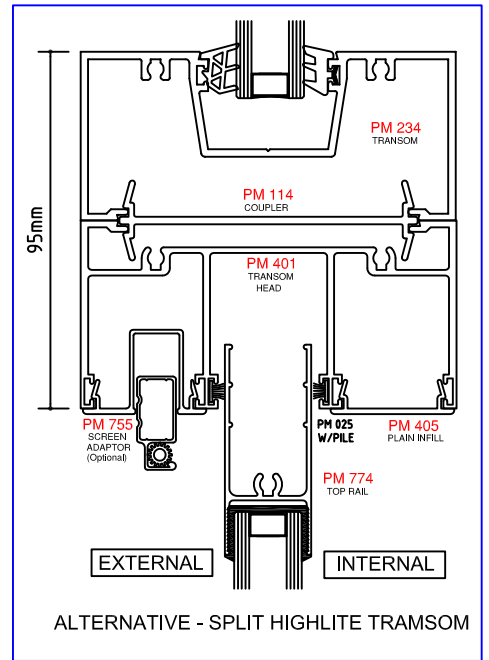
55mm



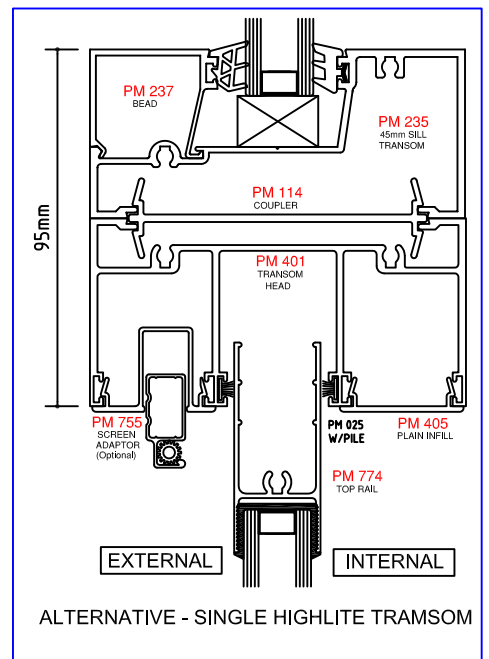
DETAIL
95



DETAIL
98



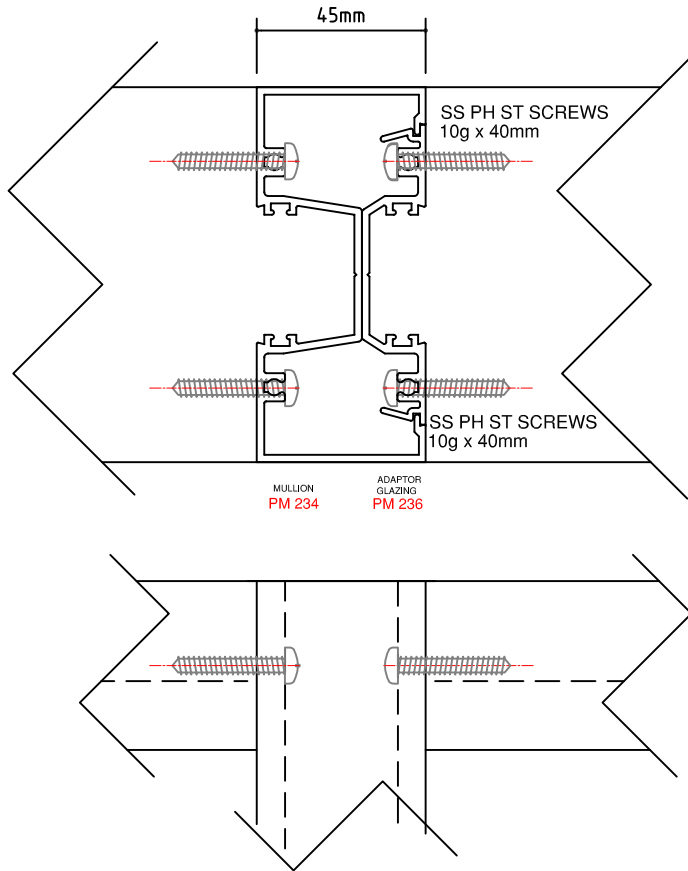
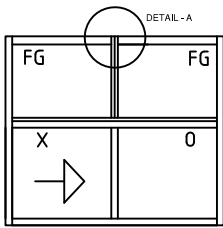
ALTERNATIVE - SPLIT HIGHLITE TRANSOM



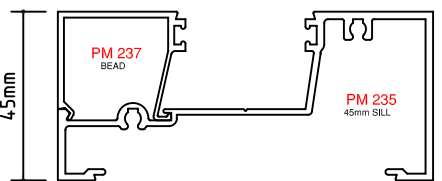
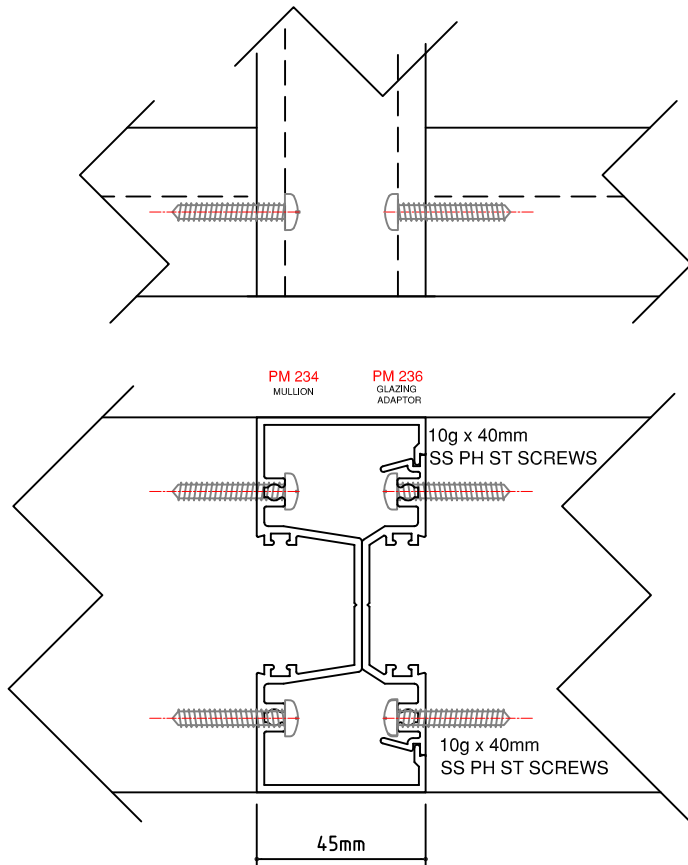
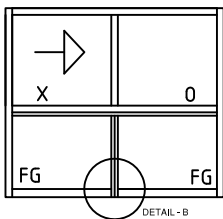
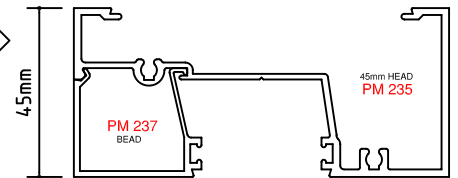
ALTERNATIVE - SINGLE HIGHLITE TRANSOM

100mm x 45mm - 3 TRACK SLIDING WINDOW HEAD & SILL MULLION JOINT DETAILS

DETAIL
SCALE 1:2



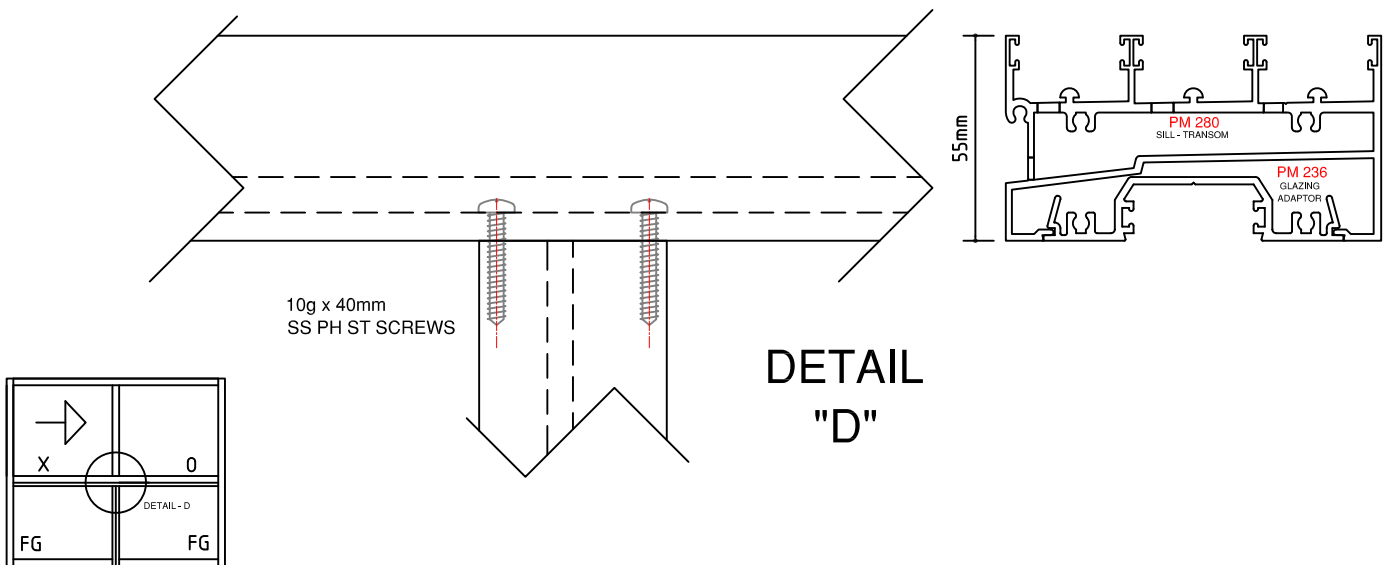
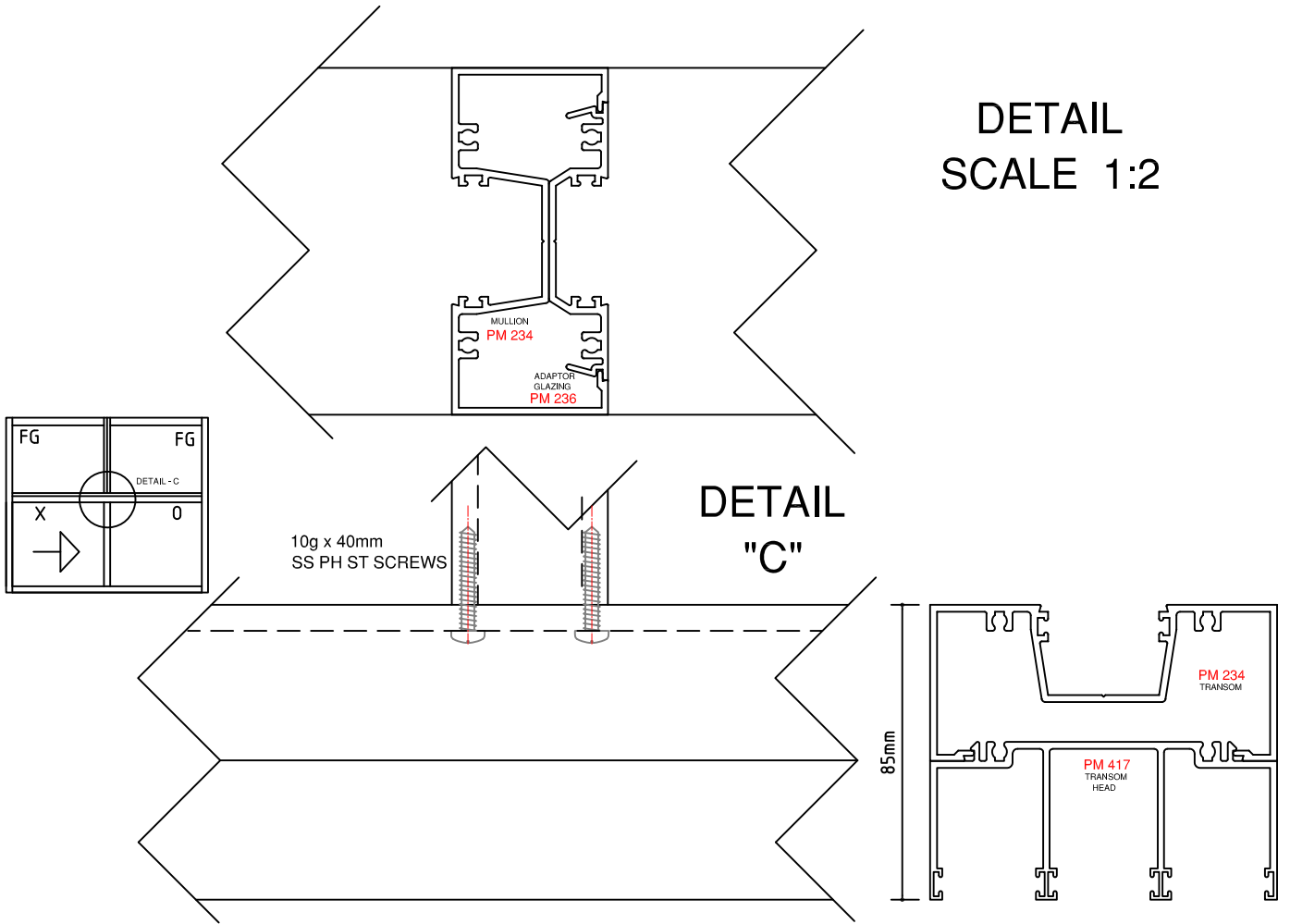
DETAIL
"A"



DETAIL
"B"

100mm x 45mm - 2 TRACK SLIDING WINDOW TRANSOM MULLION JOINT DETAILS

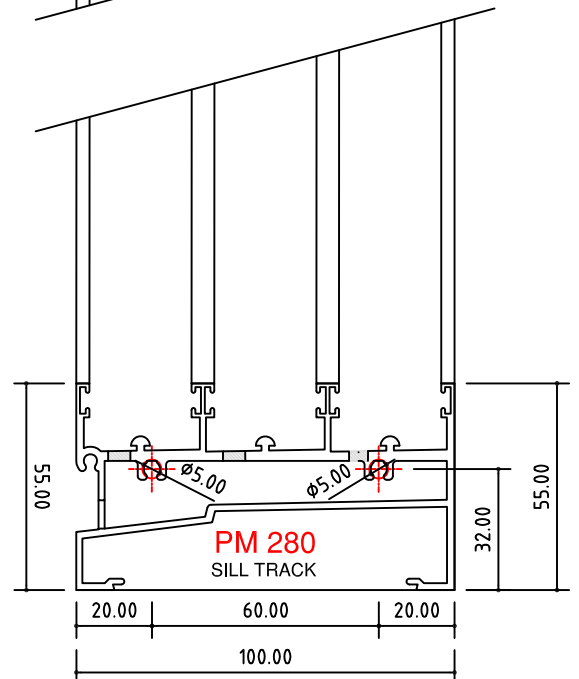
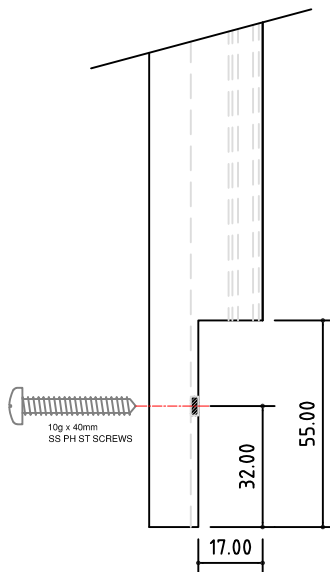
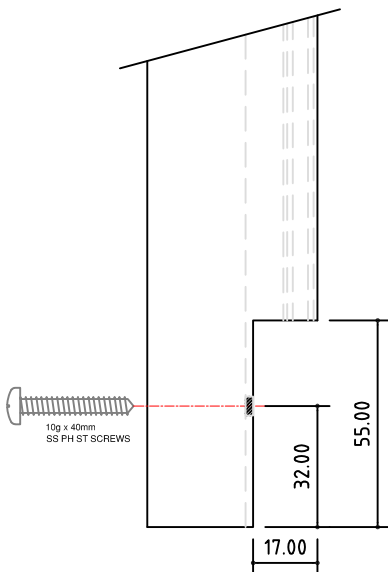
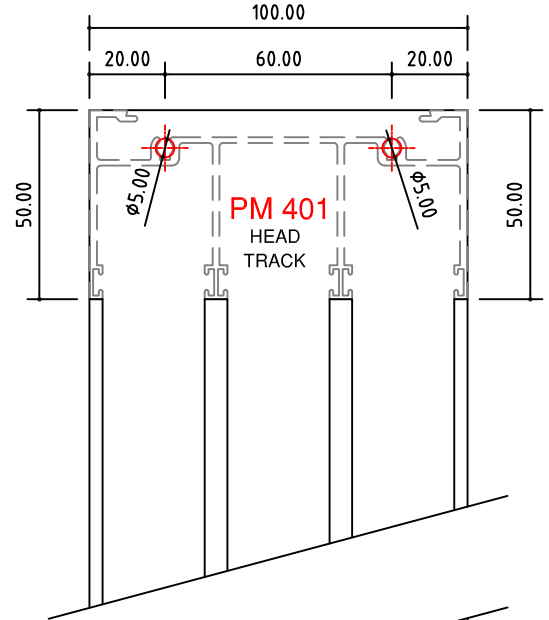
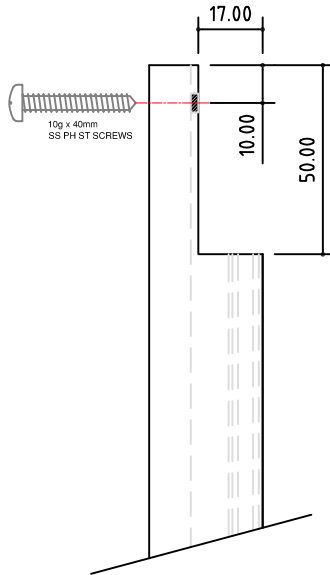
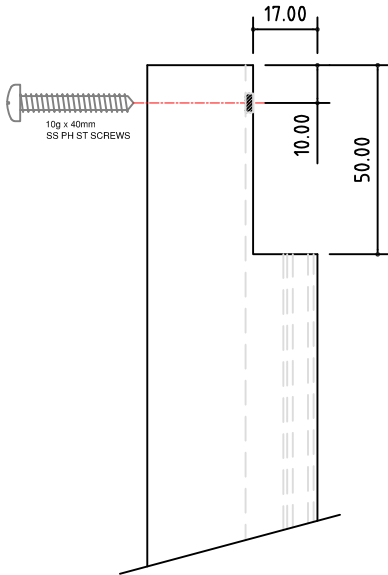
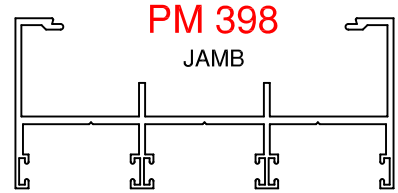
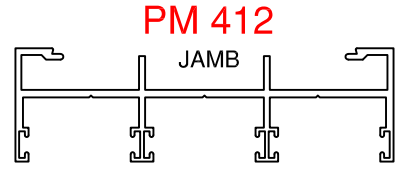
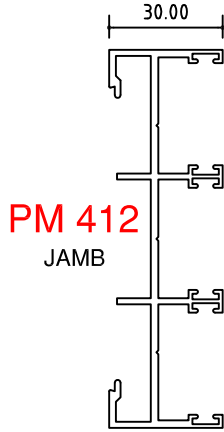
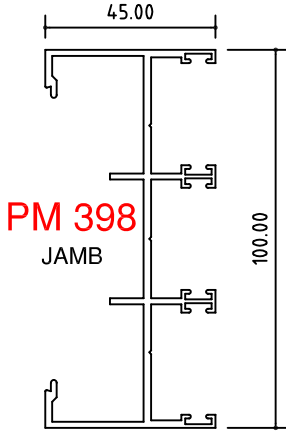
DETAIL
SCALE 1:2





PM398 & PM412 JAMB MACHINING DETAILS PM401 HEAD / PM280 SILL

DETAIL
 SCALE 1:2





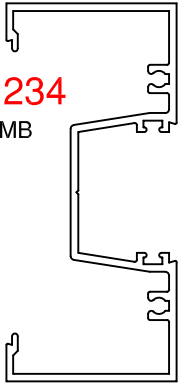
PM234 JAMB MACHINING DETAILS

PM234 HEAD / PM235 SILL

PM234 - 417 & 280 - 236 TRANSOMS

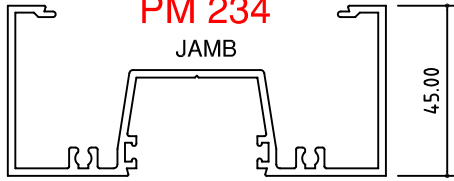
PM 234

JAMB

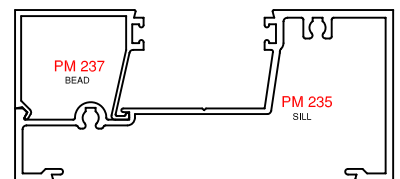
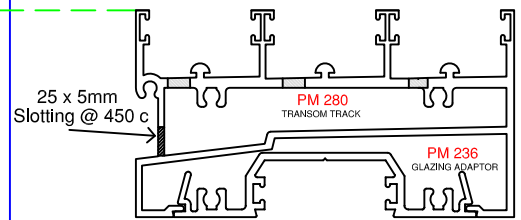
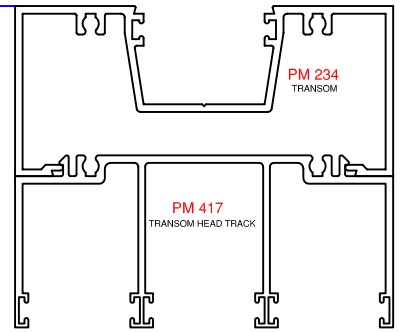
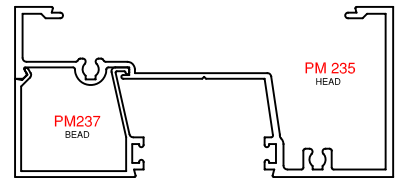
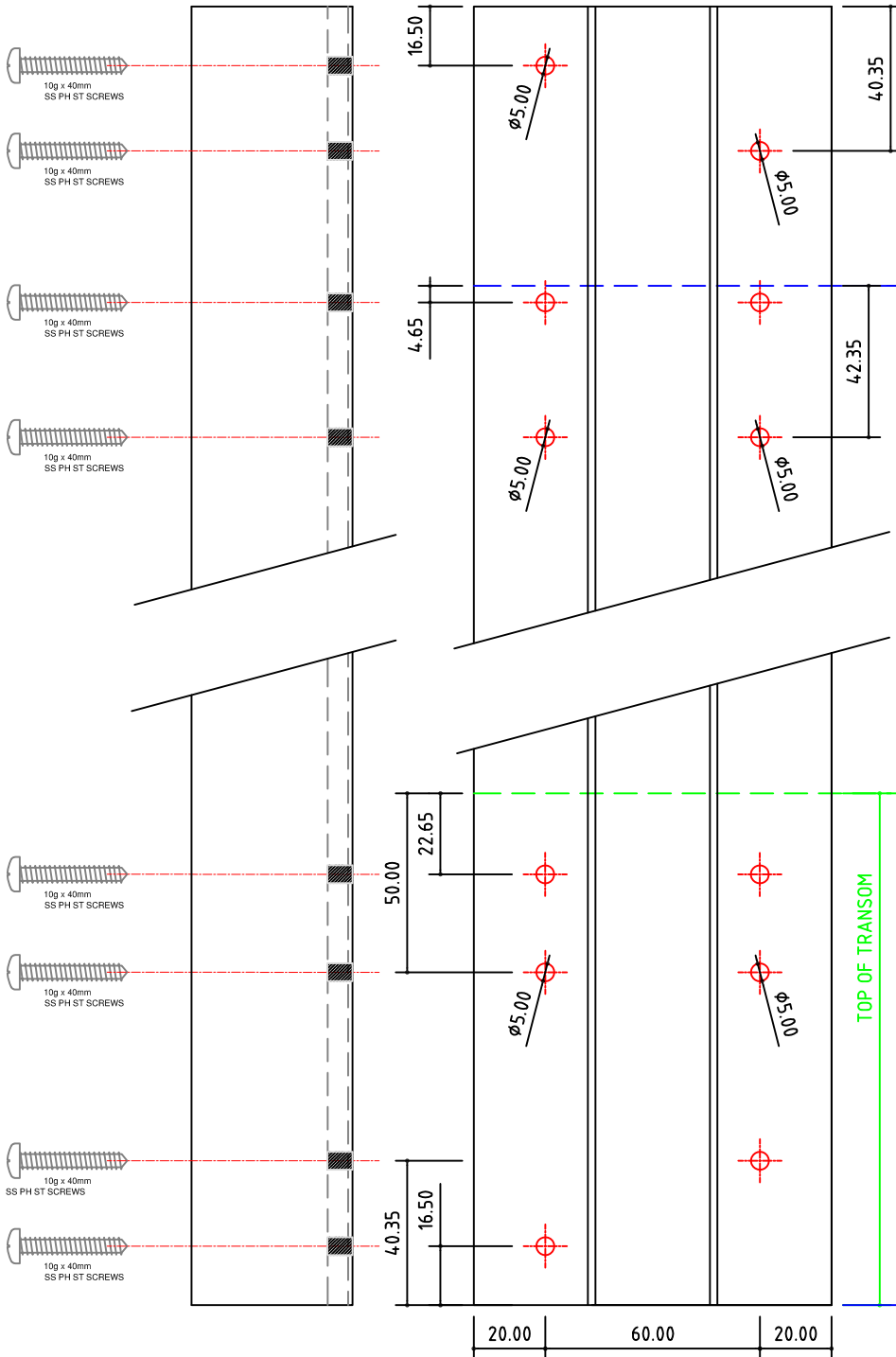


PM 234

JAMB



DETAIL
SCALE 1:2

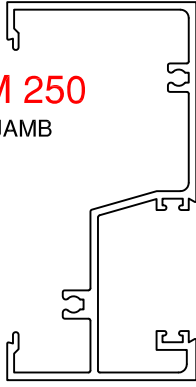




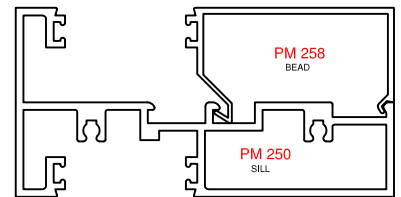
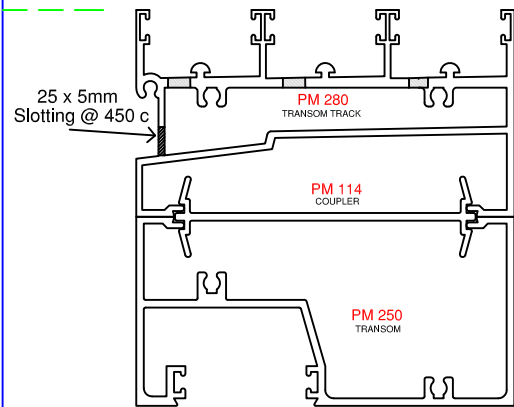
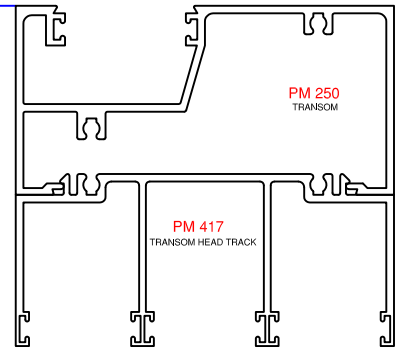
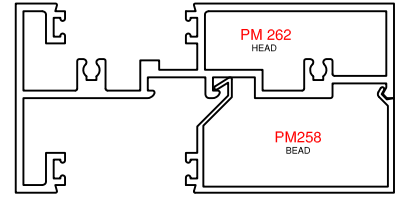
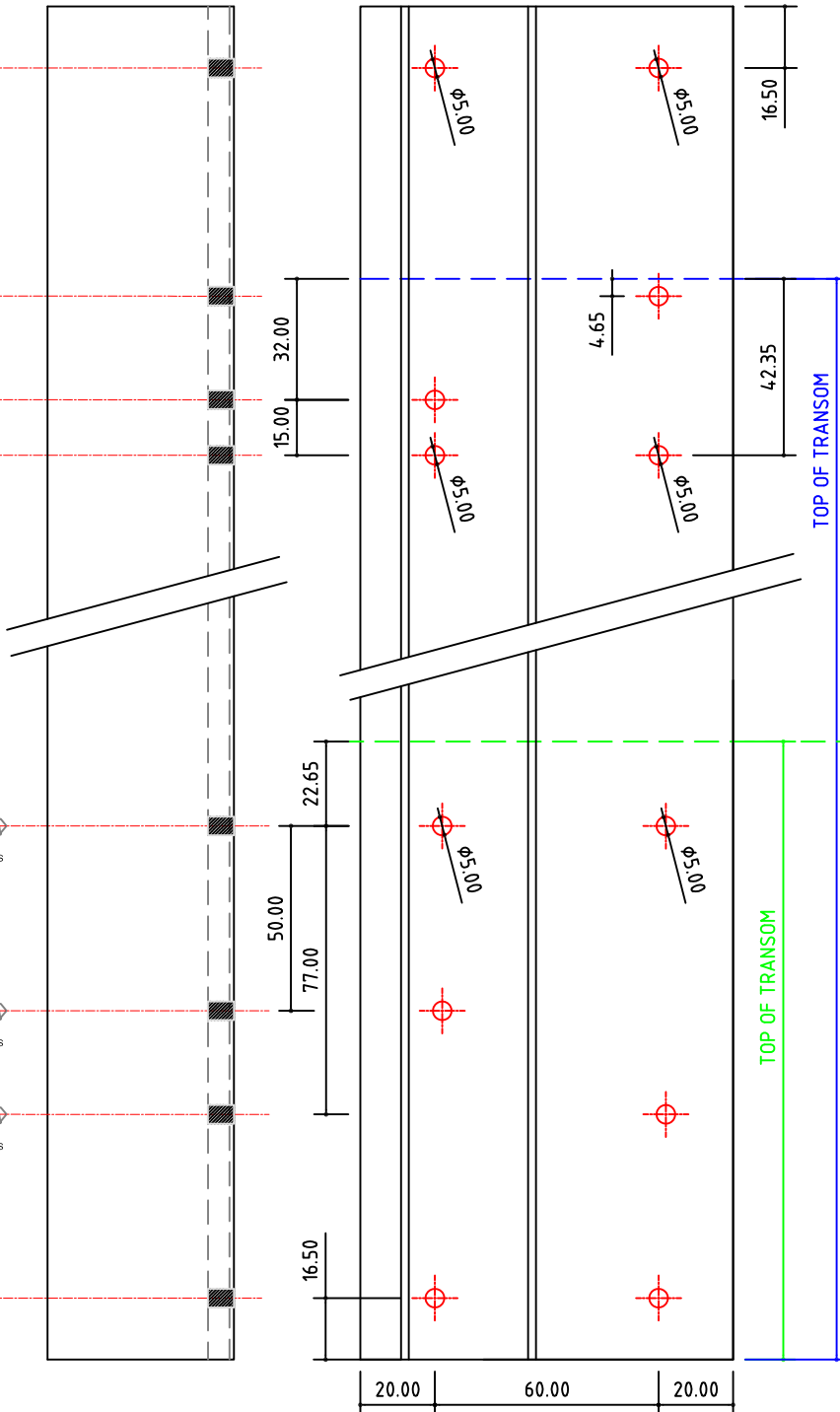
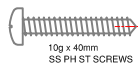
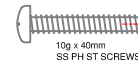
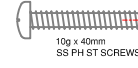
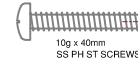
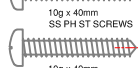
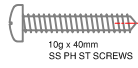
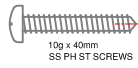
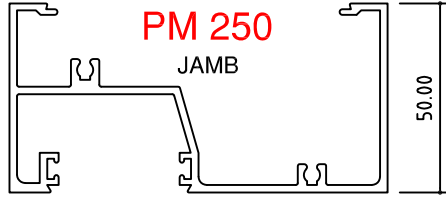
PM250 JAMB MACHINING DETAILS PM262 HEAD / PM262 SILL PM250 - 417 & 280 - 250 TRANSOMS

DETAIL
SCALE 1:2

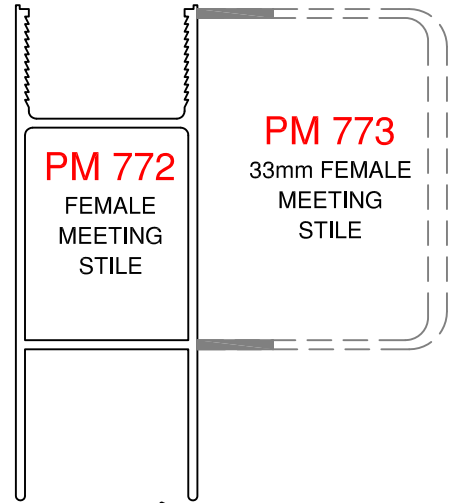
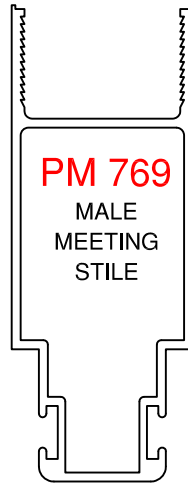
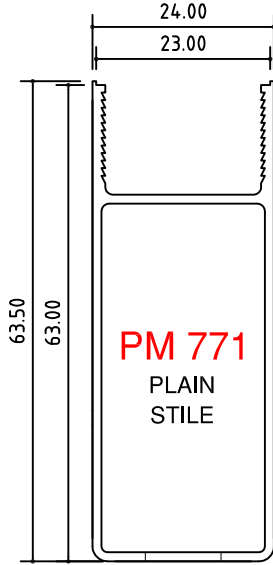
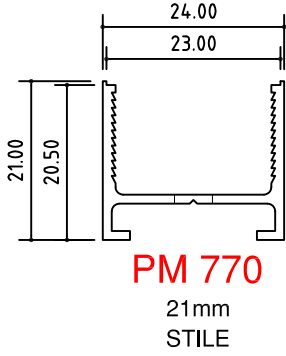
PM 250
JAMB



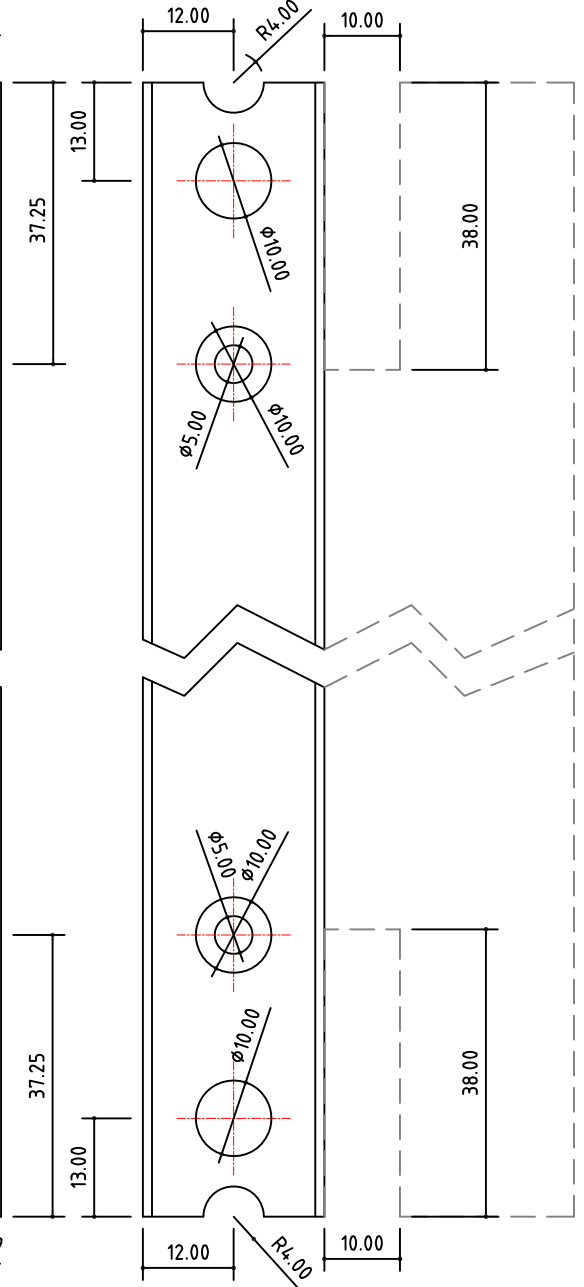
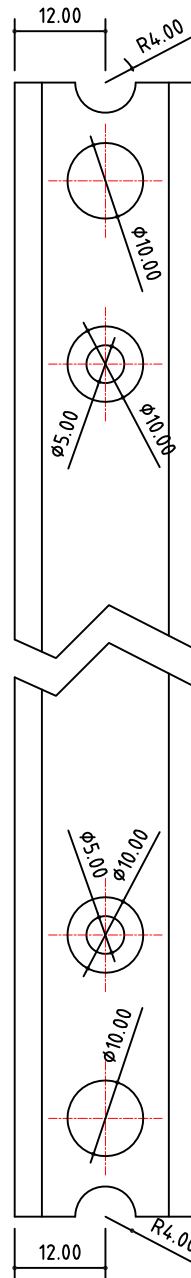
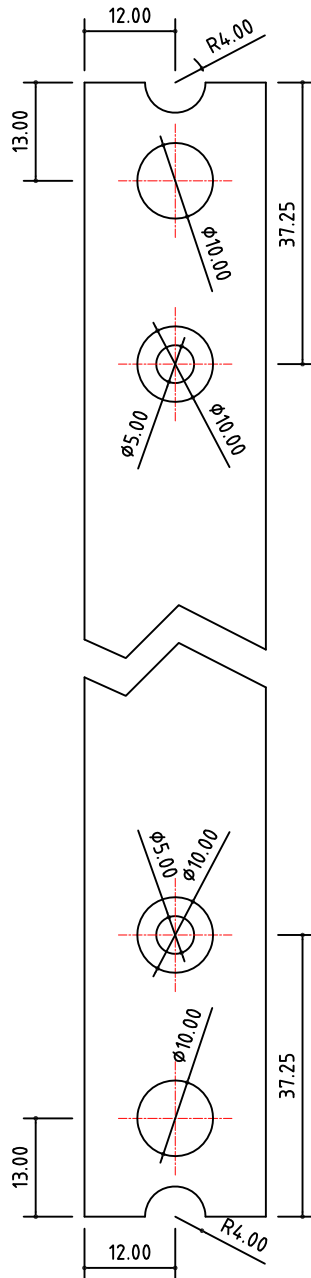
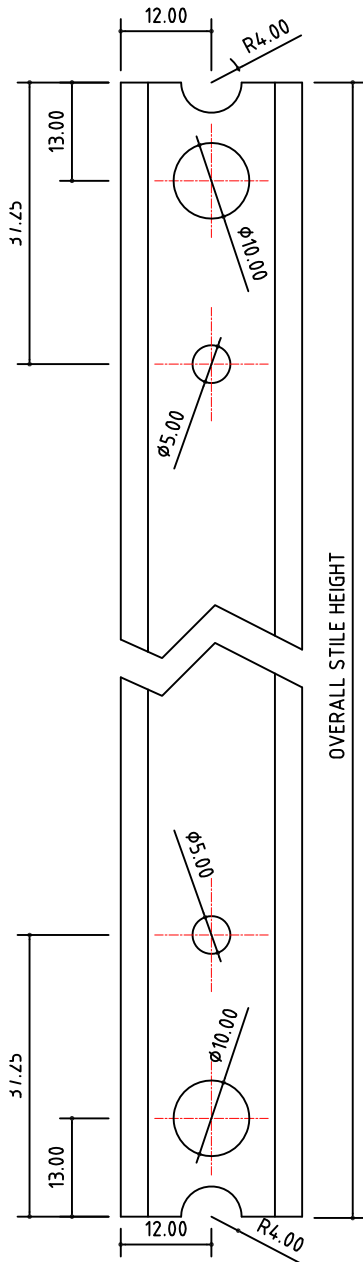
PM 250
JAMB



PM770 - 771 - 769 - 772 - 773 STILE MACHINING DETAILS



SCALE 1:1

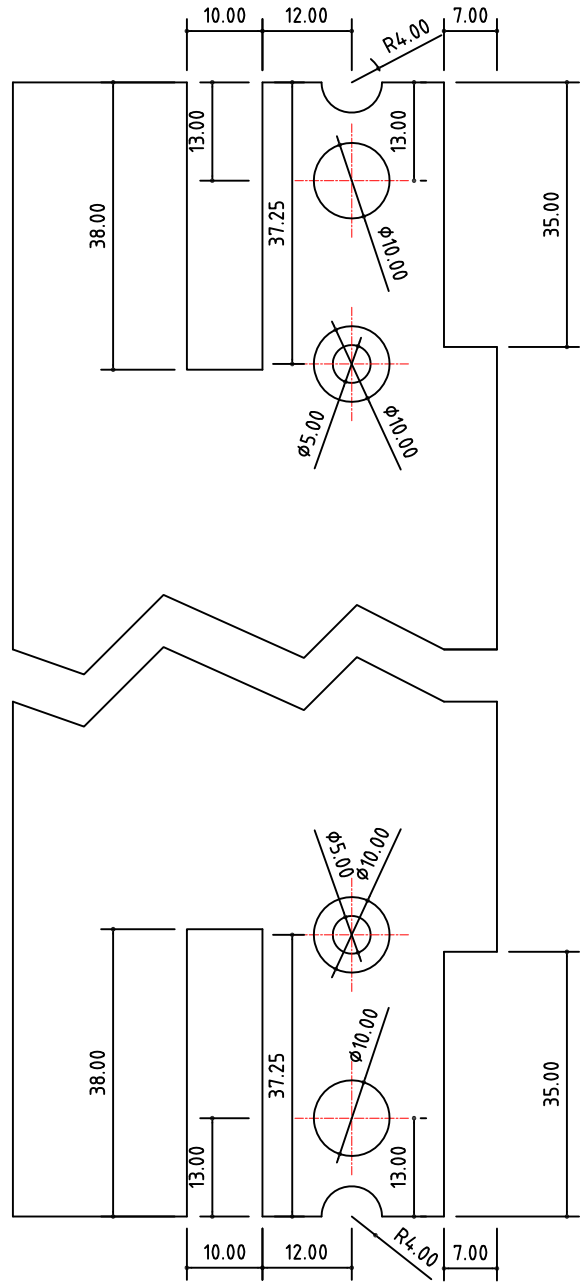
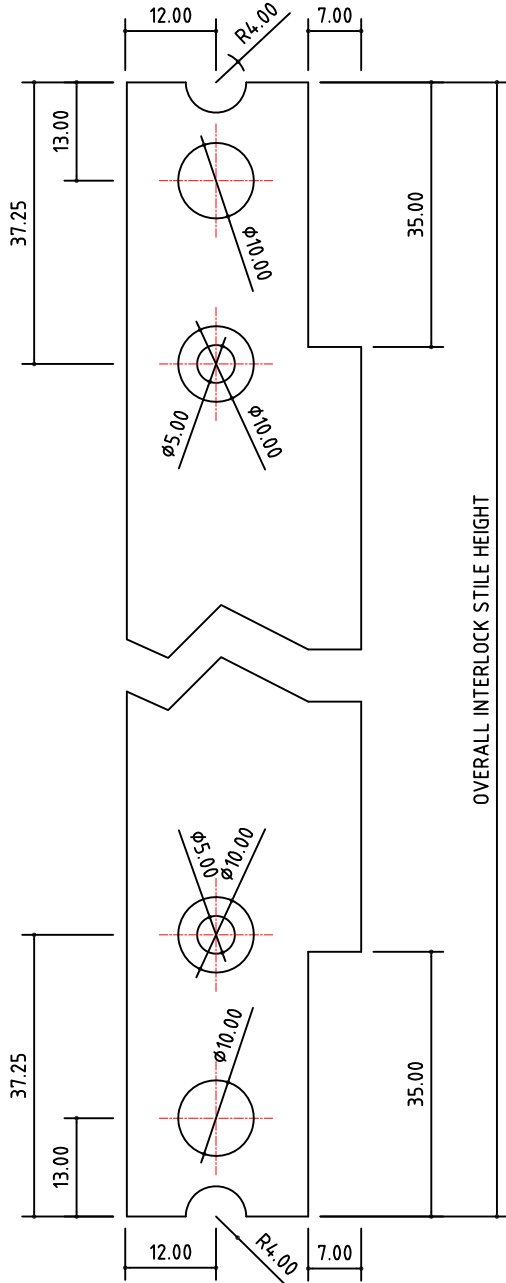
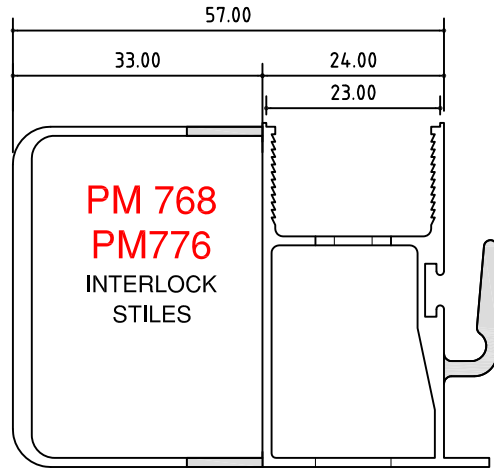
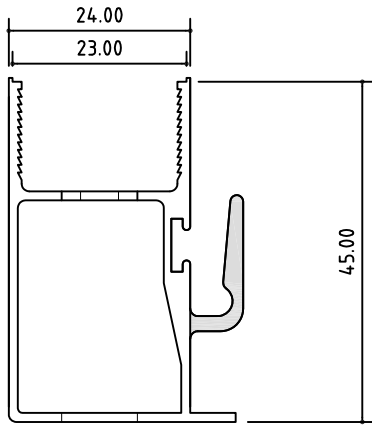




PM767 - 768 - 776 INTERLOCK STILE MACHINING DETAILS

SCALE 1:1

PM 767
INTERLOCK
STILE

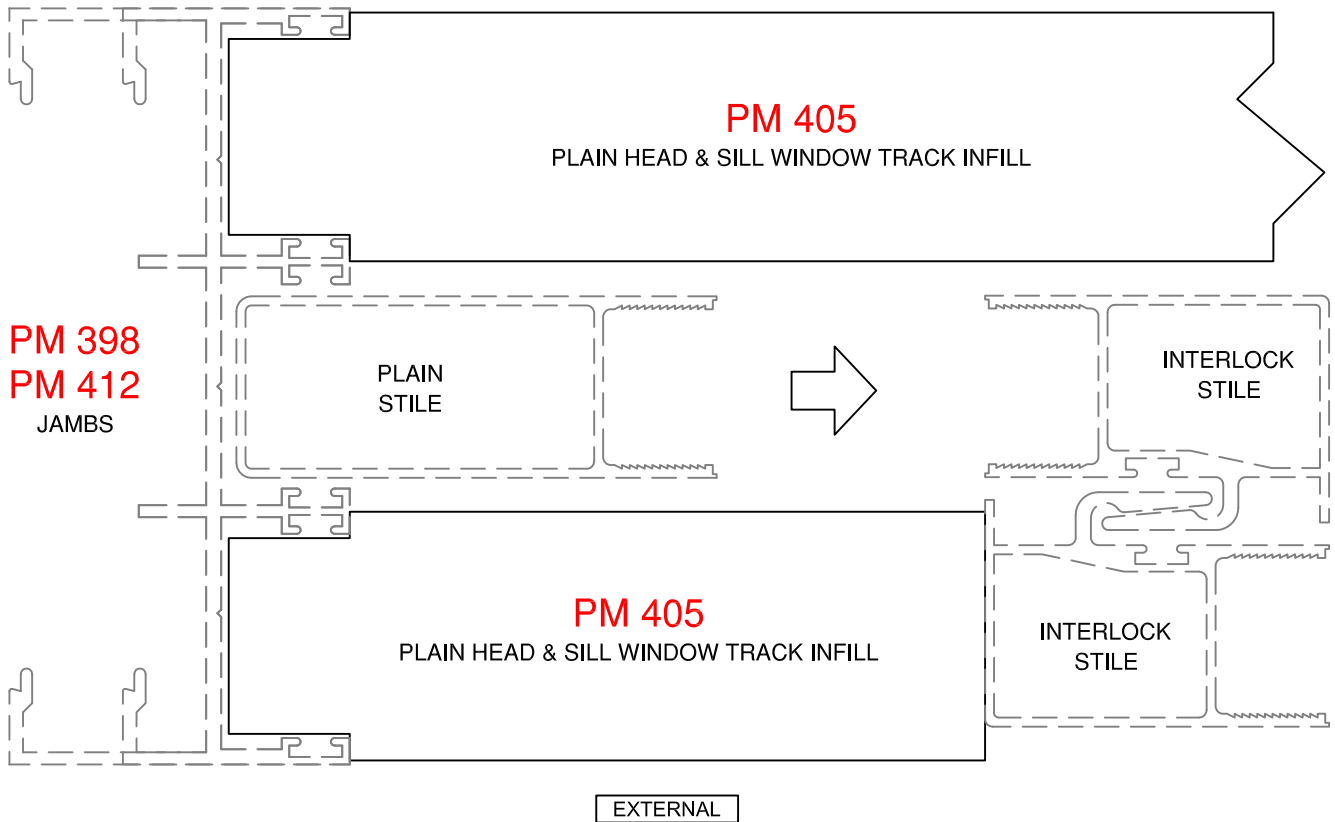
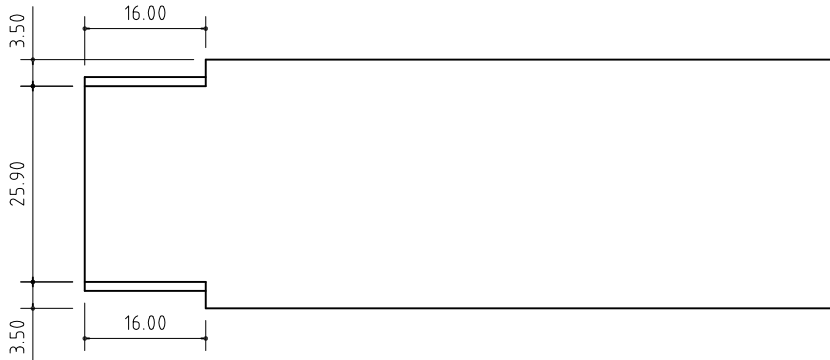


PM405 INFILL HEAD & SILL MACHINING DETAILS to suit PM429 & 752 JAMBS

SCALE 1:1

(NO SCREEN REQUIREMENT)

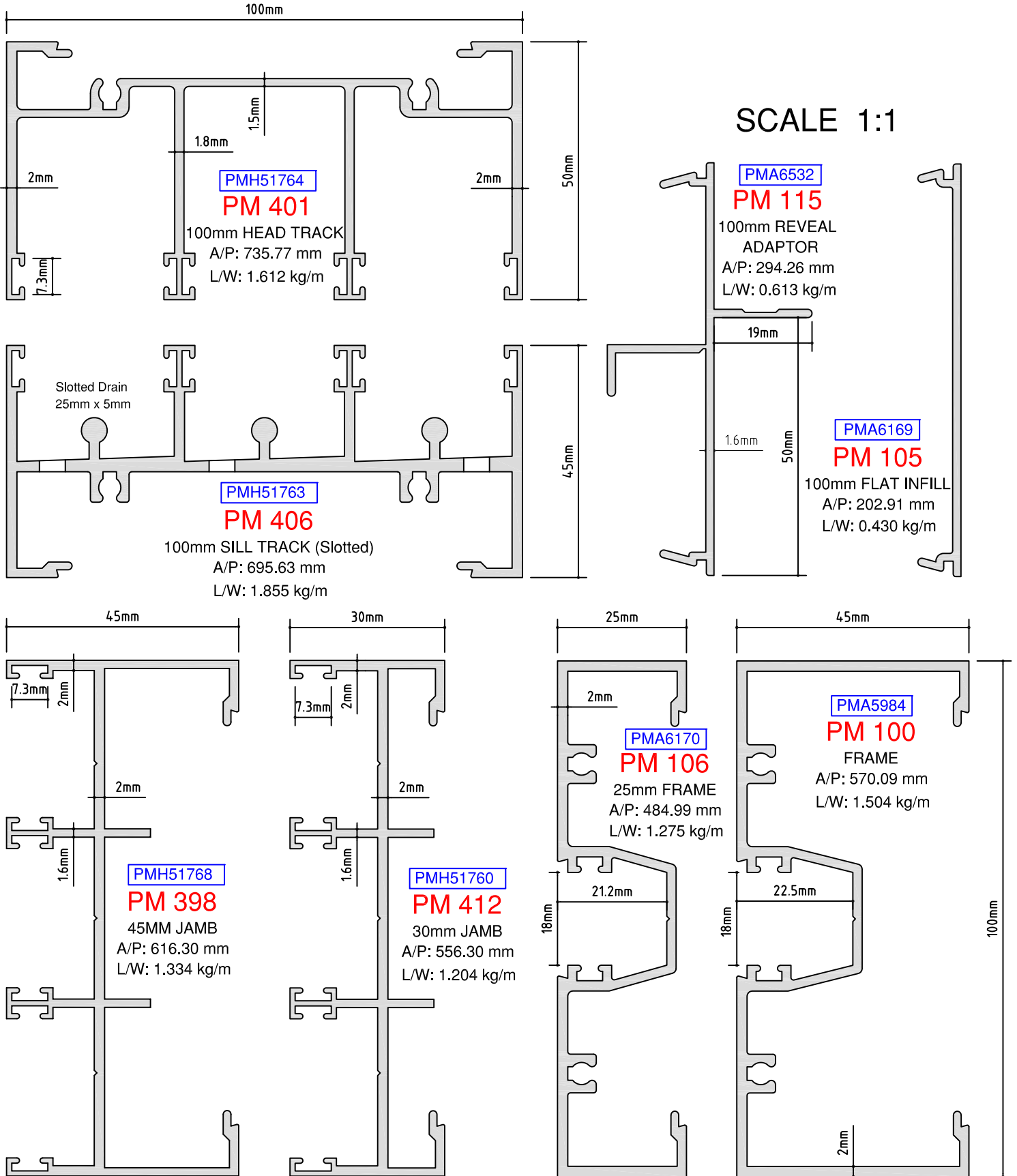
PM 405
 PLAIN INFILL



3004 SERIES WINDOWS

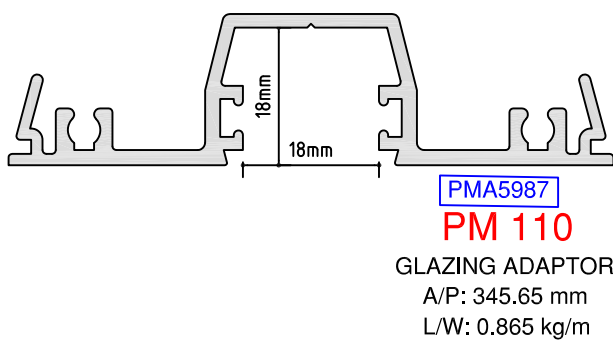
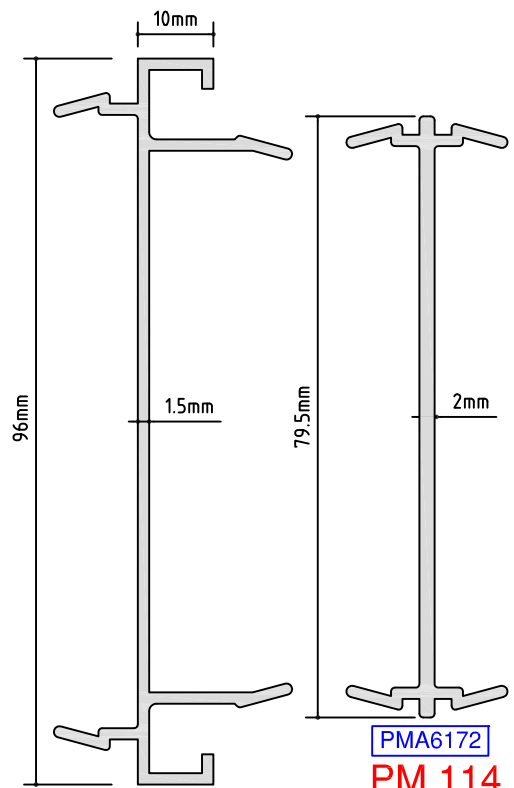
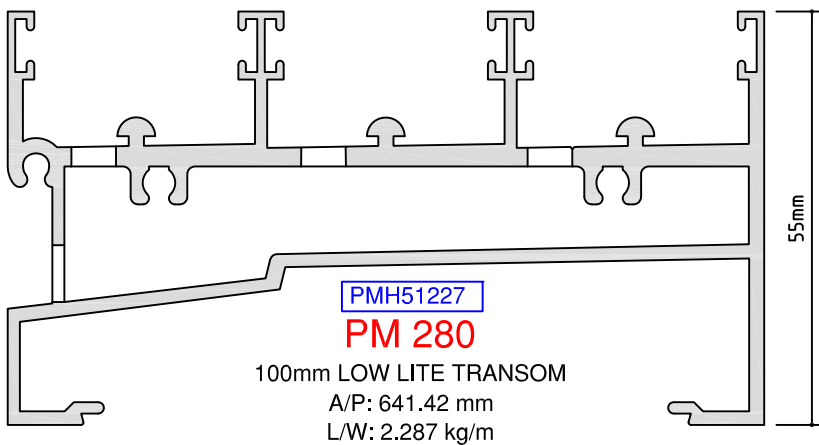
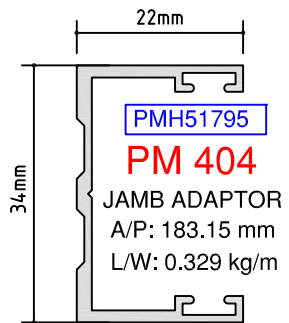
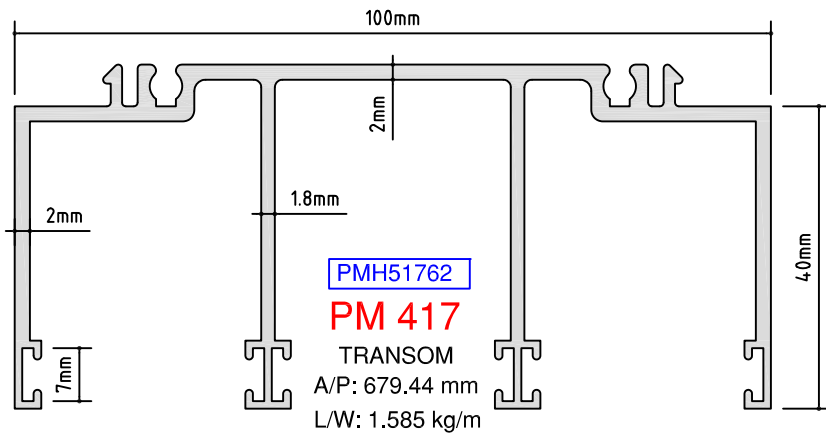
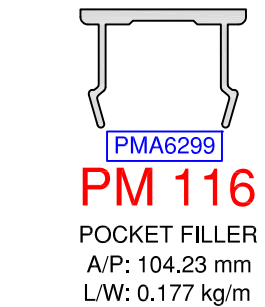
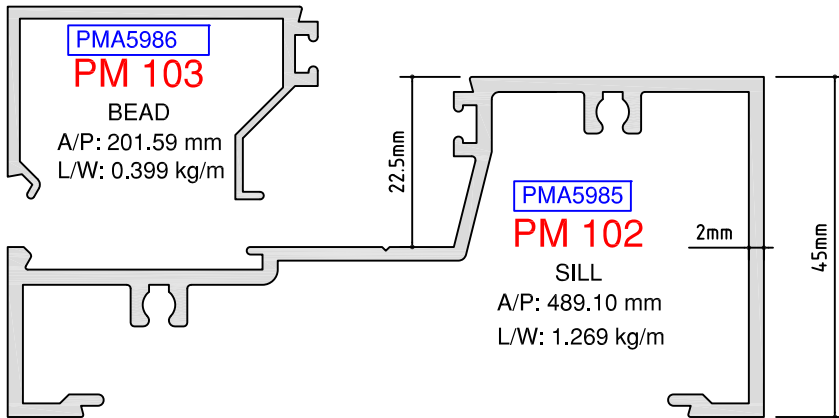
100mm x 45mm - 3 TRACK SLIDING WINDOW SECTIONS

Glazing up to 10.5mm



100mm x 45mm - 3 TRACK SLIDING WINDOW SECTIONS

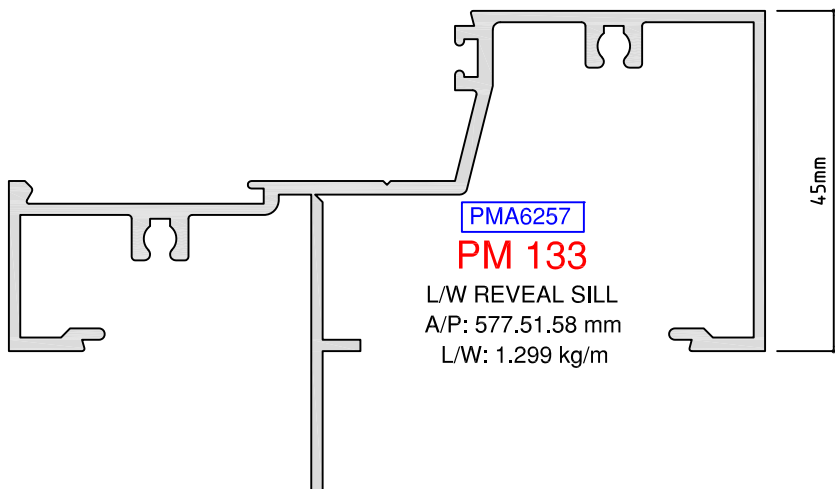
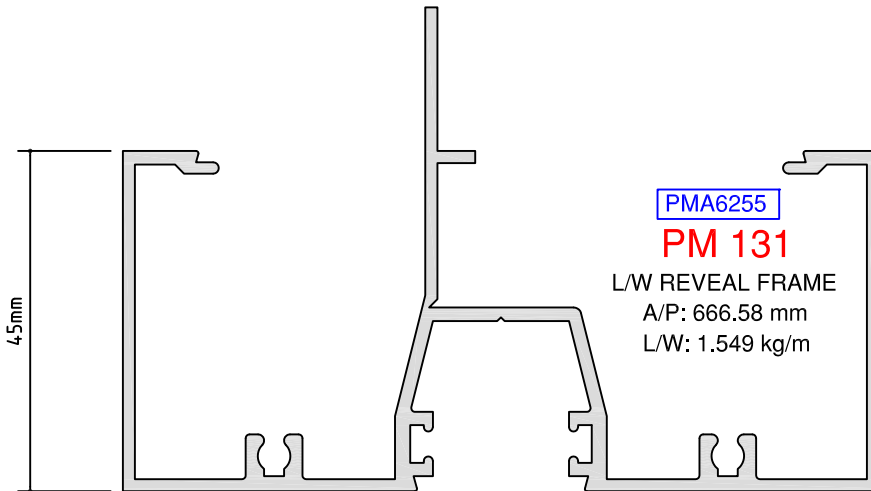
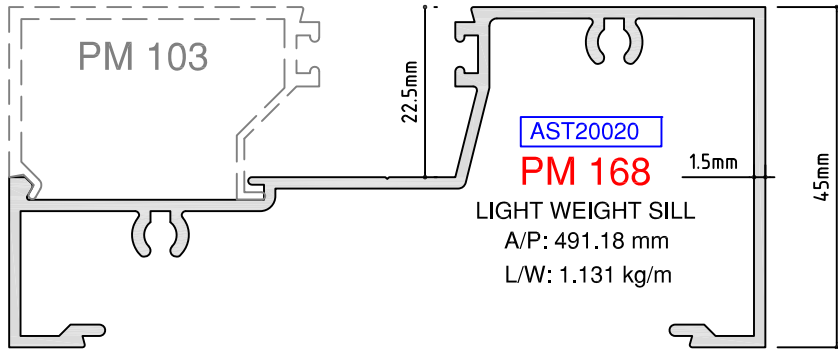
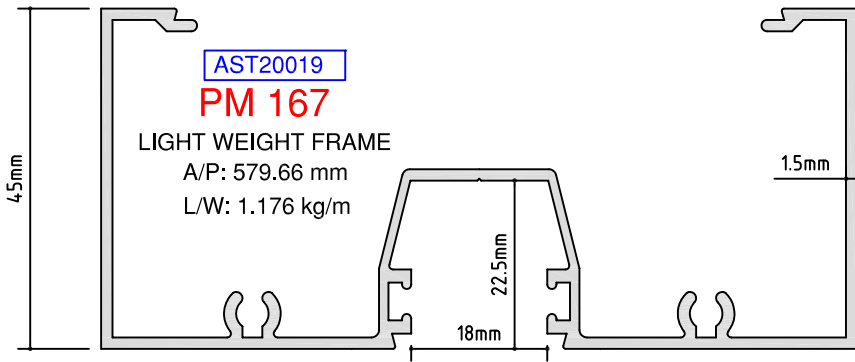
SCALE 1:1





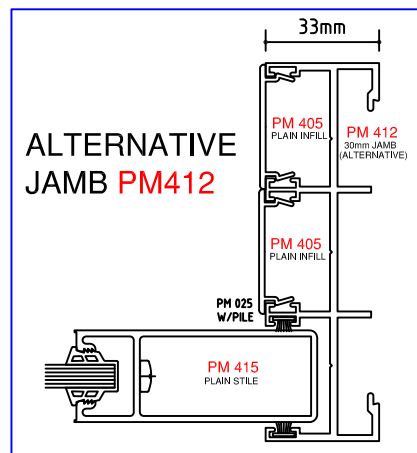
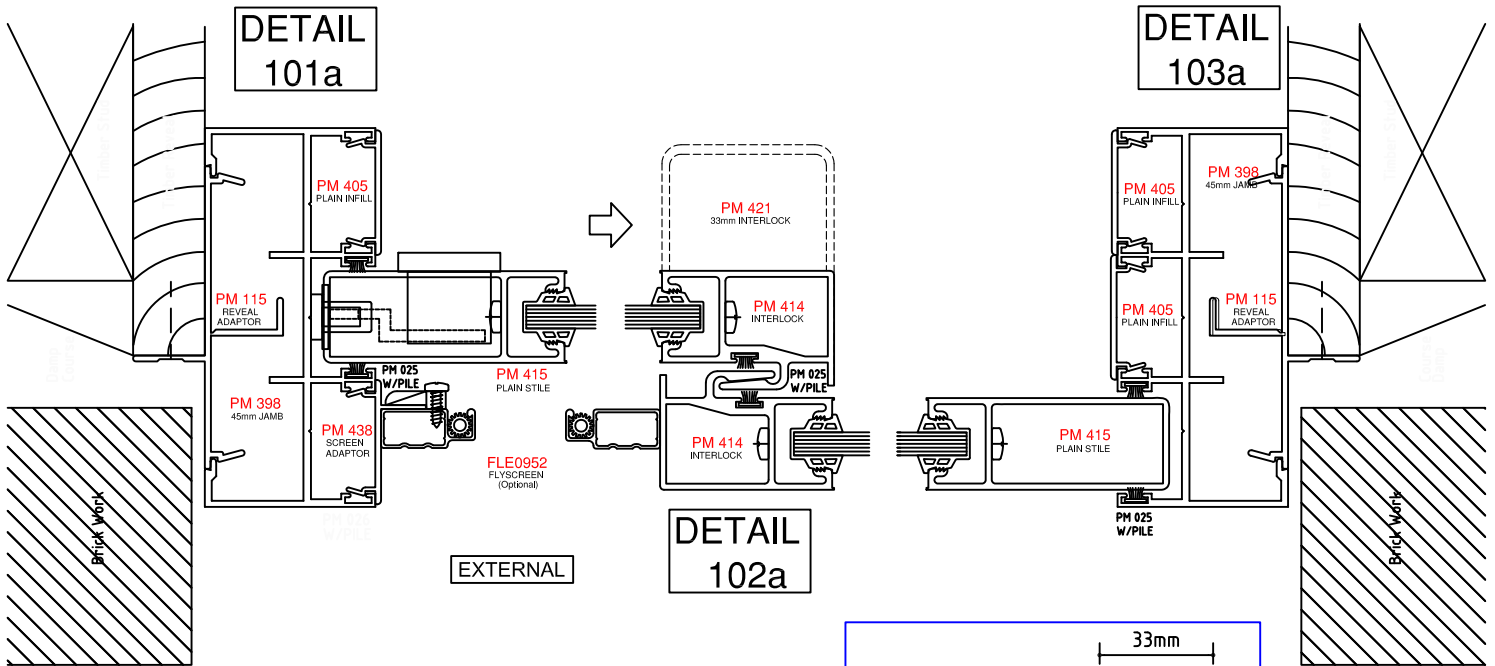
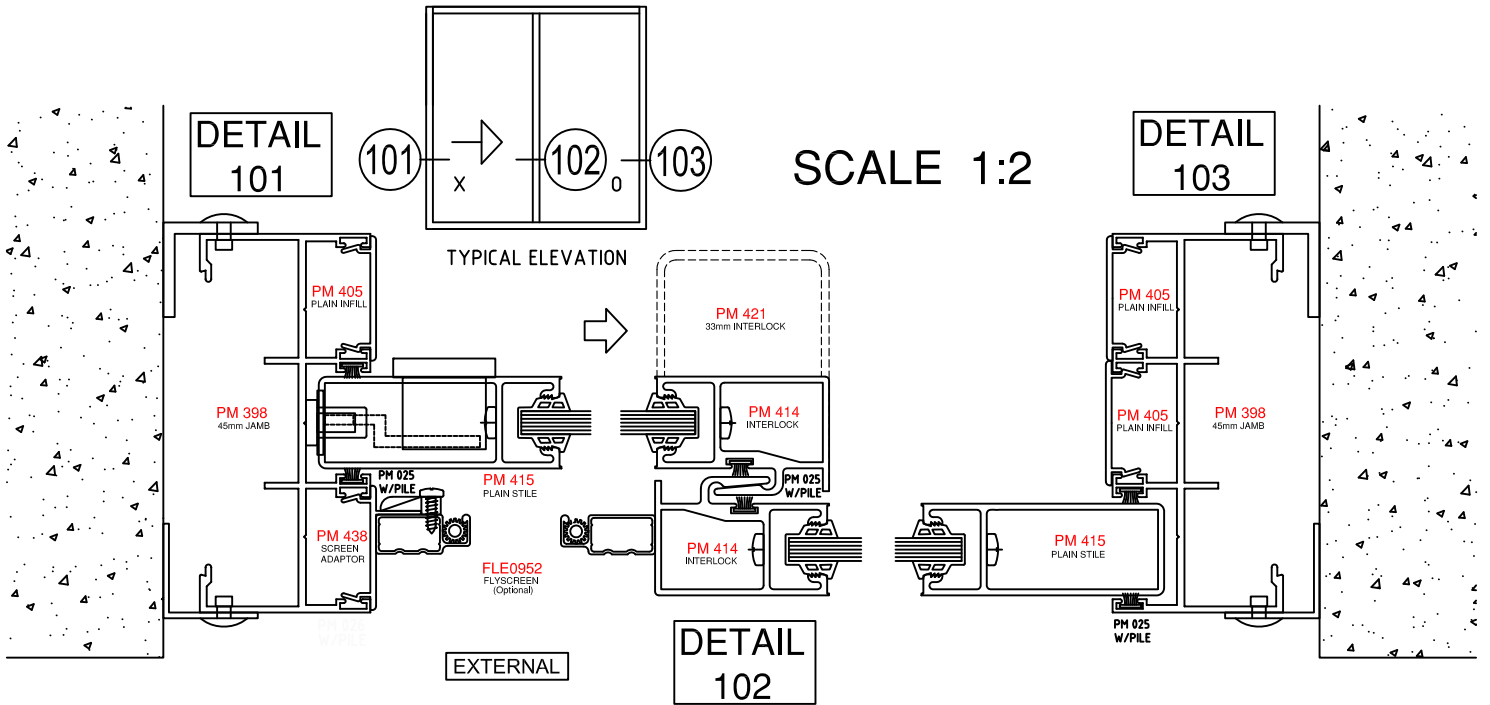
100mm x 45mm - 3 TRACK SLIDING WINDOW SECTIONS

SCALE 1:1



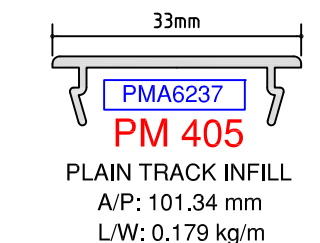
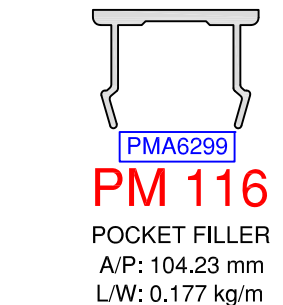
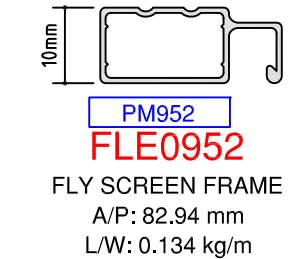
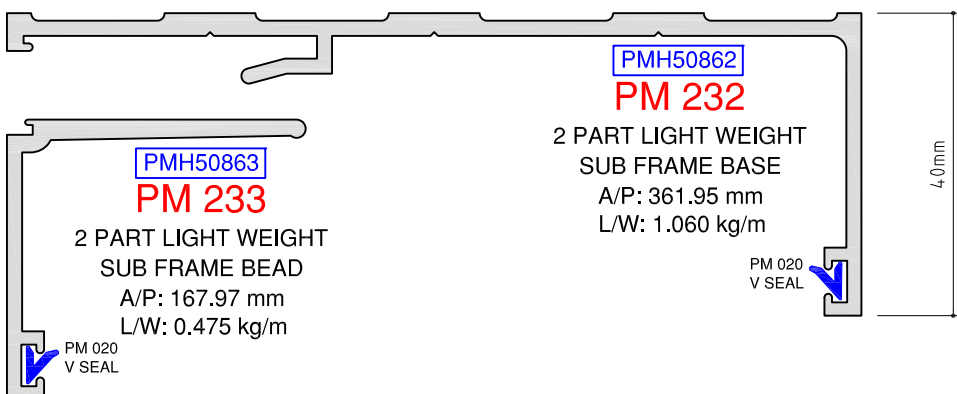
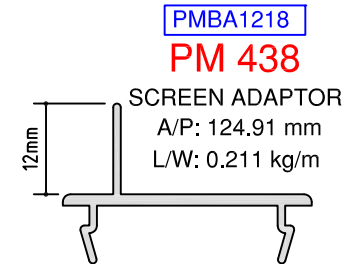
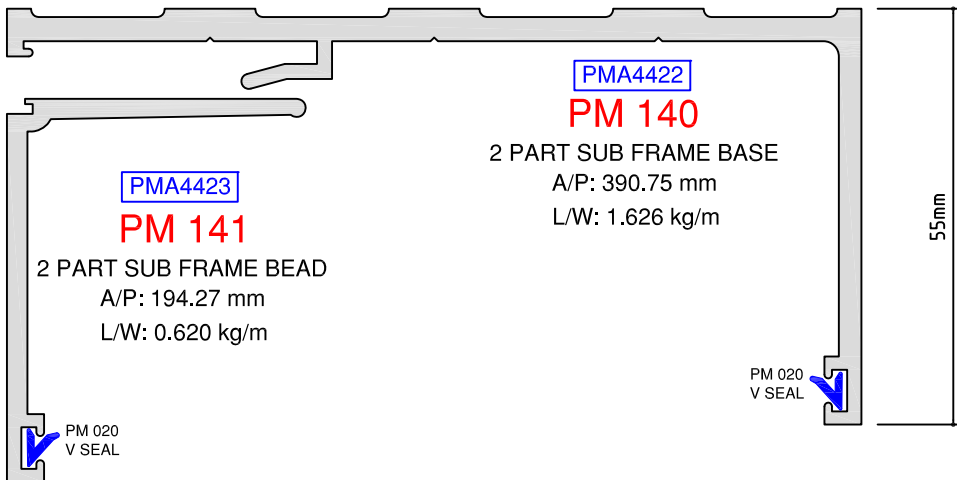
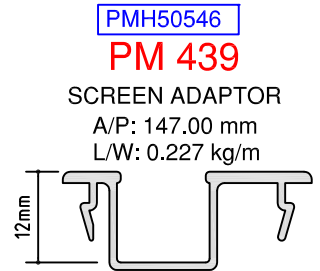
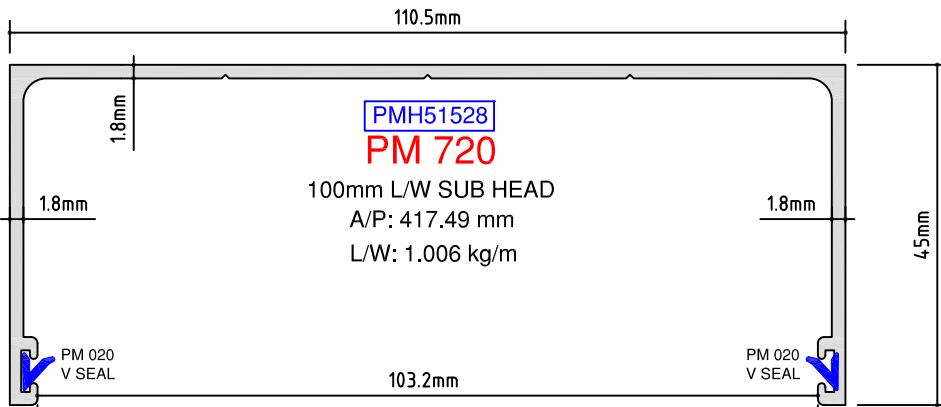
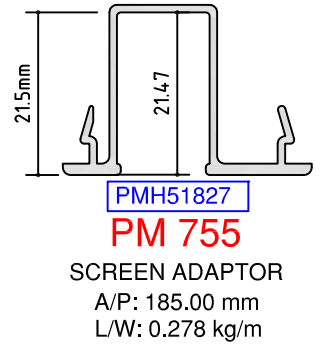
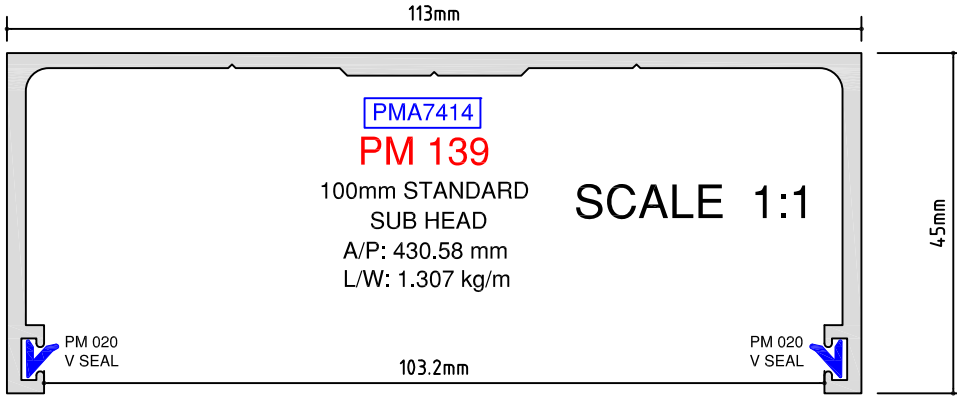


100mm x 45mm - 3 TRACK SLIDING WINDOW INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS





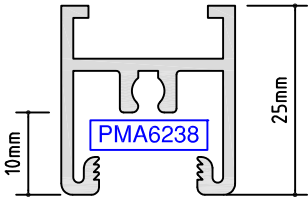
100mm x 45mm - 3 TRACK SLIDING WINDOW SECTIONS



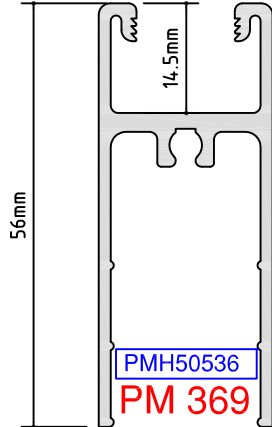
SLIDING SASH PROFILES

13mm POCKET

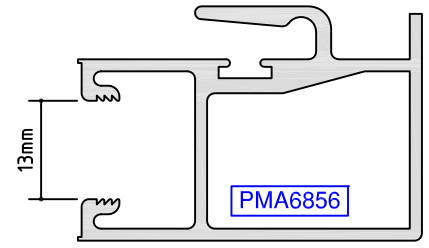
SINGLE GLAZING to 10.5mm



PM 407
25mm TOP RAIL
A/P: 200.17 mm
L/W: 0.438 kg/m

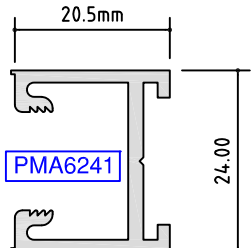


PM 369
56mm RAIL
A/P: 310.58 mm
L/W: 0.735 kg/m

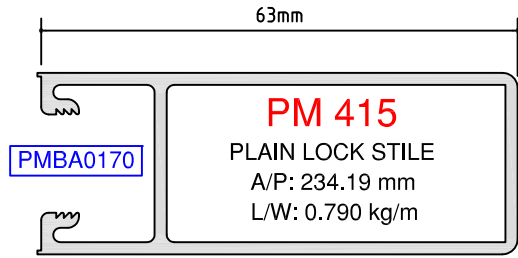


PM 414
STANDARD INTERLOCK
A/P: 264.62 mm
L/W: 0.869 kg/m

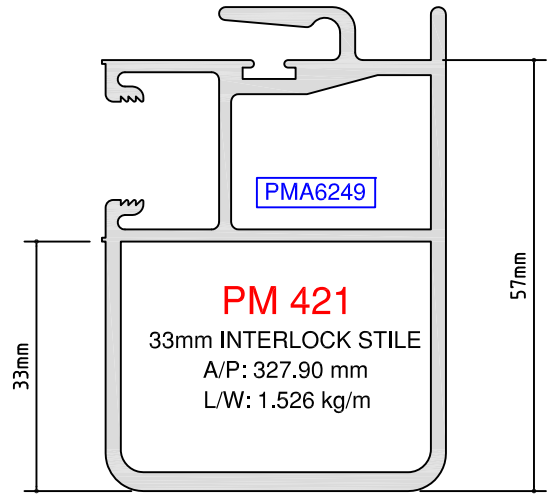
SCALE 1:1



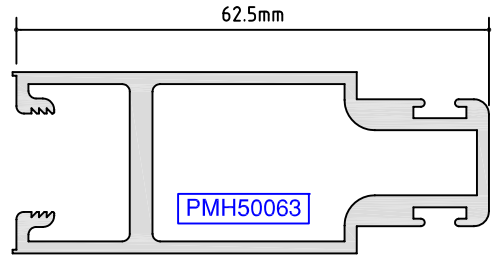
PM 410
21mm STILE
A/P: 167.18mm
L/W: 0.373 kg/m



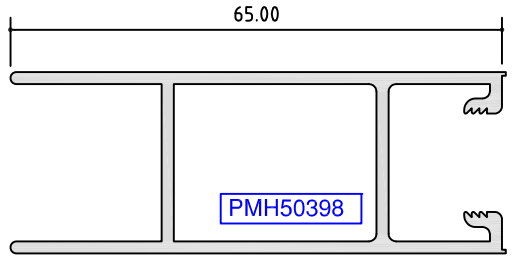
PM 415
PLAIN LOCK STILE
A/P: 234.19 mm
L/W: 0.790 kg/m



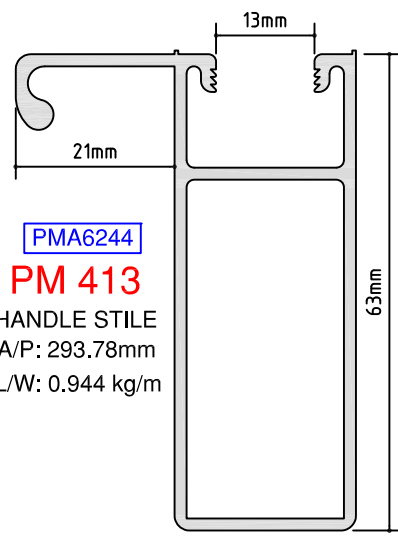
PM 421
33mm INTERLOCK STILE
A/P: 327.90 mm
L/W: 1.526 kg/m



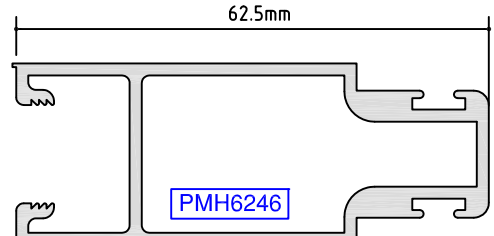
PM 434
MALE MEETING STILE
A/P: 254.67 mm
L/W: 0.928 kg/m



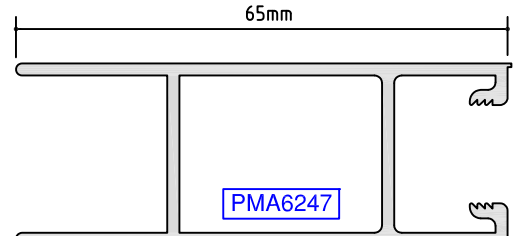
PM 396
FEMALE MEETING STILE
A/P: 279.31 mm
L/W: 0.810 kg/m



PM 413
HANDLE STILE
A/P: 293.78mm
L/W: 0.944 kg/m



PM 418
33mm MALE MEETING STILE
A/P: 315.59 mm
L/W: 1.595 kg/m

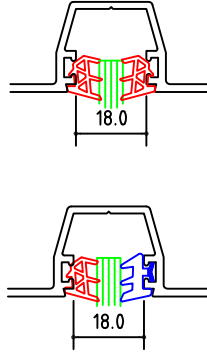


PM 419
33mm FEMALE MEETING STILE
A/P: 341.02 mm
L/W: 1.426 kg/m

GLAZING DETAILS

ROLL IN WEDGE + ROLL IN WEDGE









Glass Thickness	Roll-in Wedge	Roll-in Wedge
5.00mm	PM 004	PM 004
6.00mm	PM 006	PM 006
6.38mm	PM 006	PM 006
8.00mm	PM 007	PM 007
8.38mm	PM 007	PM 007
10.00mm	PM 005	PM 005
10.38mm	PM 005	PM 005



CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
6.00mm	PM 001	PM 000
6.38mm	PM 001	PM 000
8.00mm	PM 001	PM 000
8.38mm	PM 001	PM 000
10.00mm	PM 001	PM 004
10.38mm	PM 002	PM 004

WEDGE TYPES (P.V.C MATERIAL)

							
White Back	Red Back	Blue Back	Roll in	Roll in	Roll in	Roll in	Roll in
Captive Part No:	Captive Part No:	Captive Part No:	Part No:	Part No:	Part No:	Part No:	Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

SASH GLAZING CHANNELS

PM028

6-6.38mm



Marco
27-95

PM030

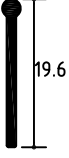

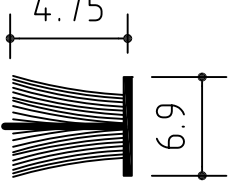
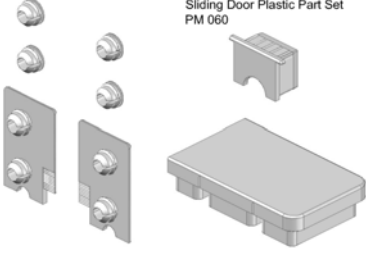
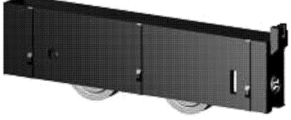
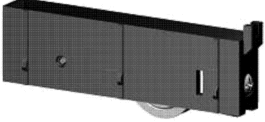
10-10.38mm



Marco
471-64

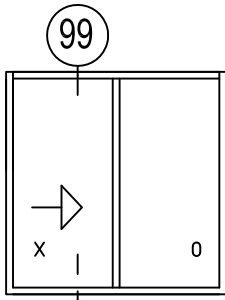


COMPONENTS

SHAPE	PART No:	FITS TO SECTIONS
	<p>PM019 19.6mm SILL FLAP</p>	<p>PM138, PM280</p>
	<p>PM020 MULLION / SUB FRAME V SEAL</p>	<p>PM138, PM139, PM140, PM141, PM142 , PM145, PM232, PM233, PM706, PM720</p>
	<p>PM 025 FINNED WOOL PILE</p>	<p>PM280, PM398, PM401, PM404, PM406, PM412, PM417, PM414, PM418, PM421, PM434</p>
 <p>Sliding Door Plastic Part Set PM 060</p>	<p>PM 060 3006 SERIES SASH PLASTIC PART SET</p>	<p>PM409, PM414, PM415, PM418, PM419, PM420, PM421, PM422, PM423, PM424, PM425, PM426, PM427</p>
	<p>PM 065 100kg DOUBLE WHEEL ROLLER</p>	<p>PM369</p>
	<p>PM 066 50kg SINGLE WHEEL ROLLER</p>	<p>PM369</p>

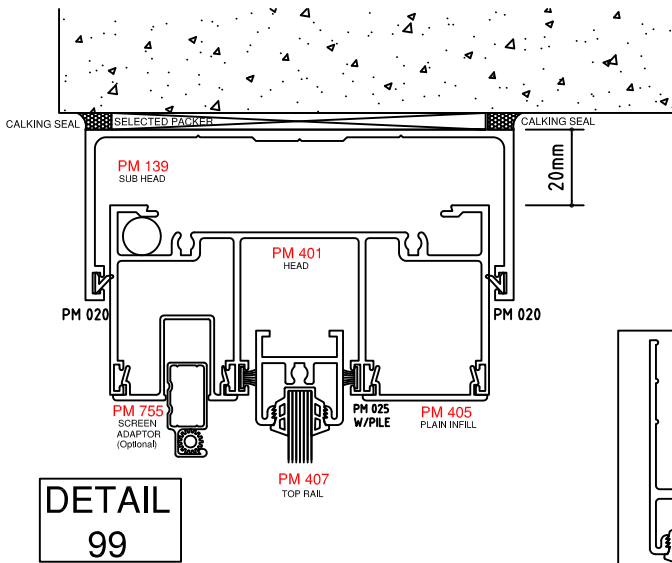


100mm x 45mm - 3 TRACK SLIDING WINDOW INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS



TYPICAL ELEVATION

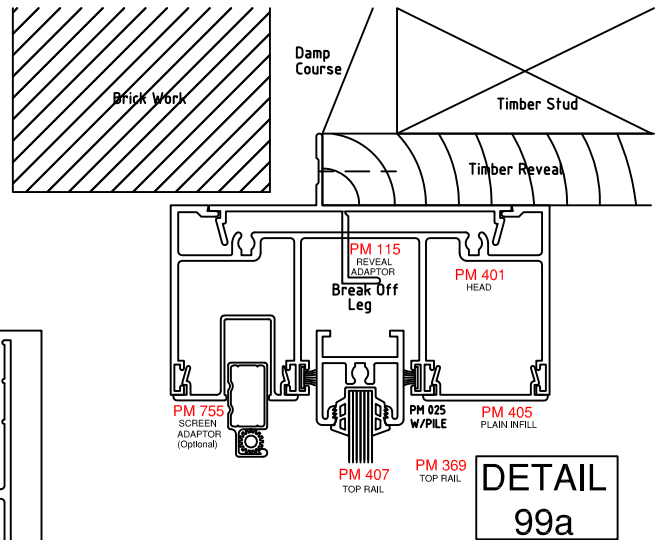
SCALE 1:2



DETAIL 99

EXTERNAL

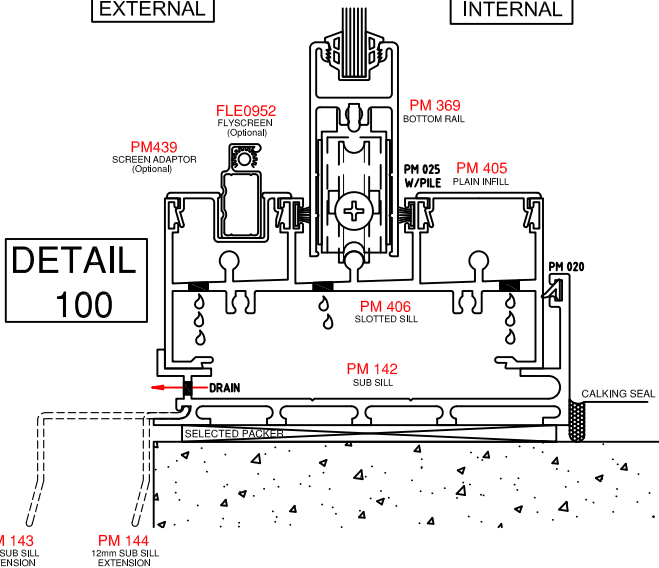
INTERNAL



DETAIL 99a

EXTERNAL

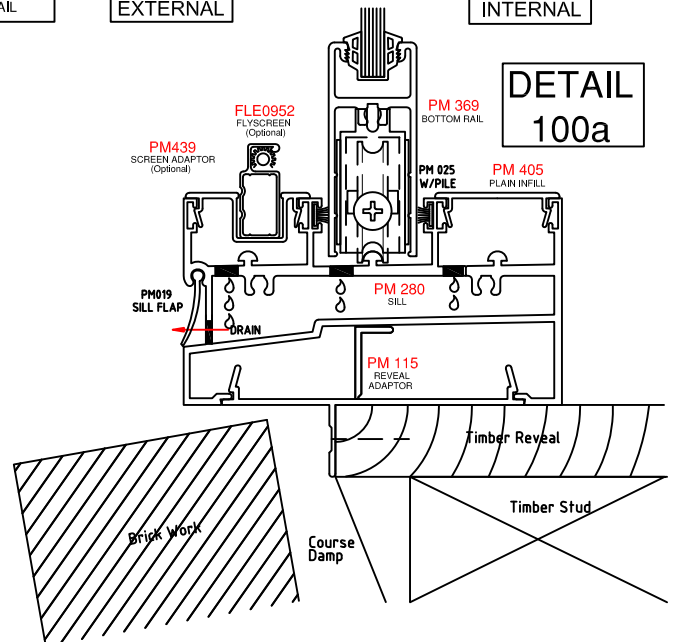
INTERNAL



DETAIL 100

PM 143
40mm SUB SILL
EXTENSION

PM 144
12mm SUB SILL
EXTENSION



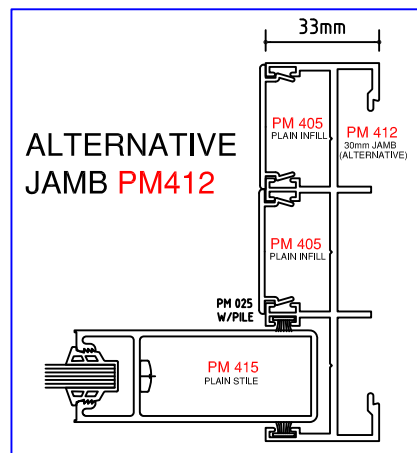
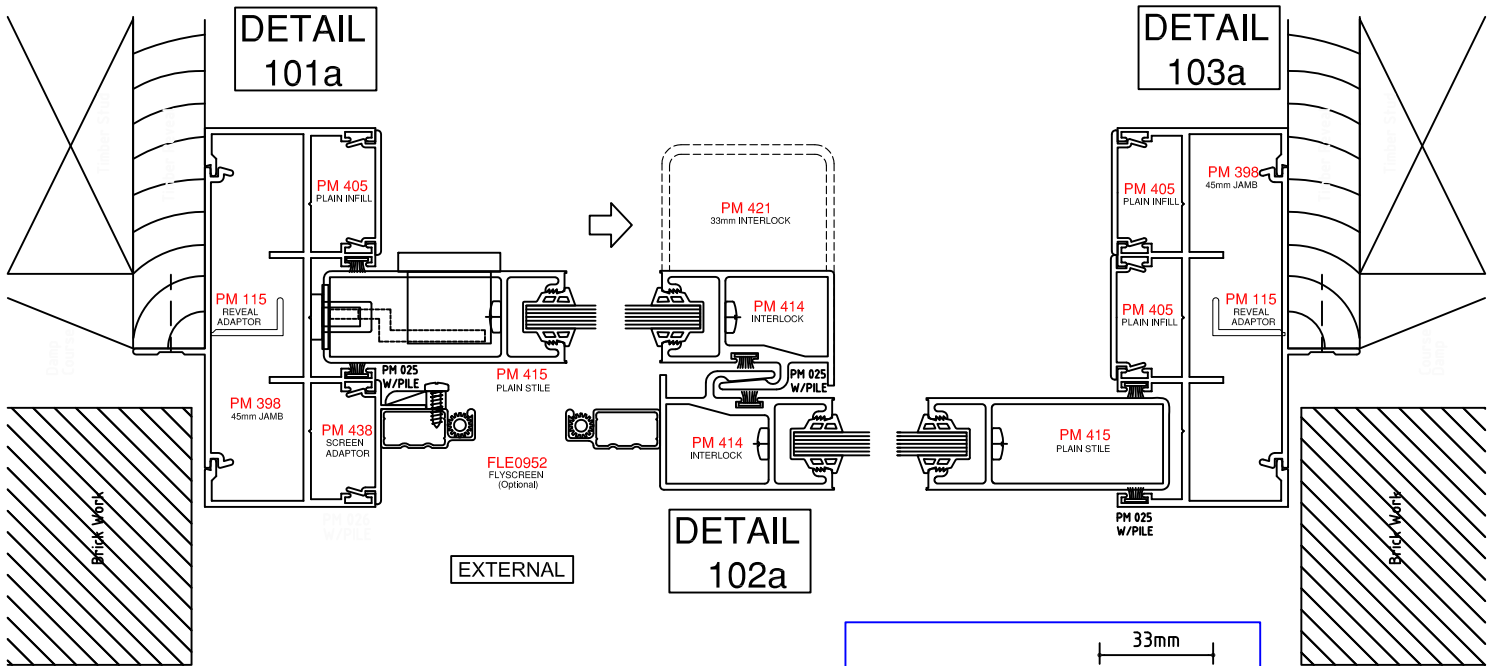
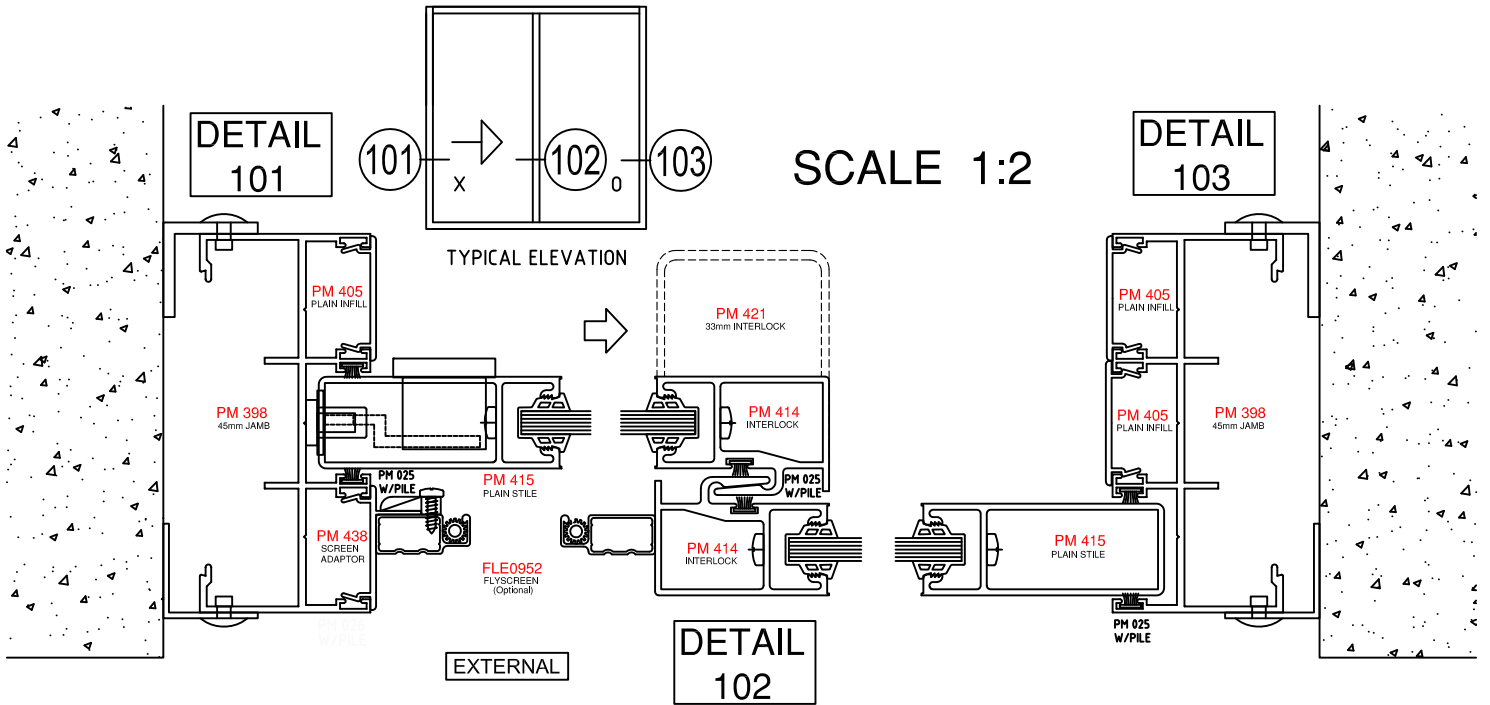
DETAIL 100a

EXTERNAL

INTERNAL

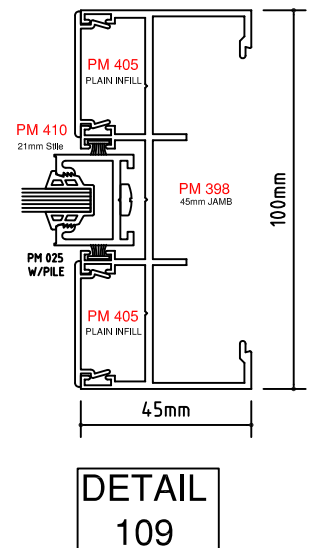
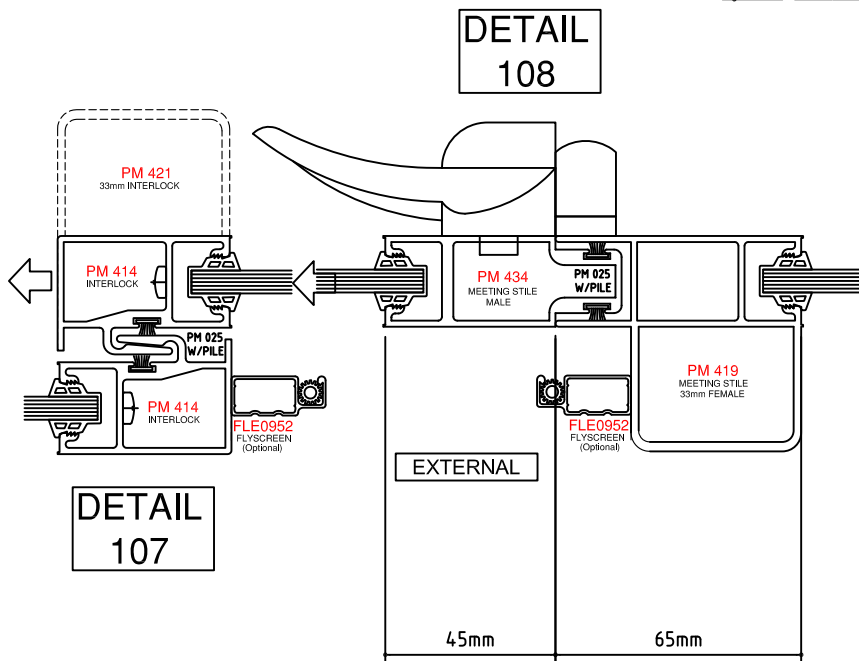
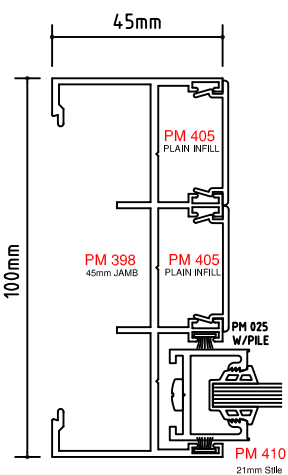
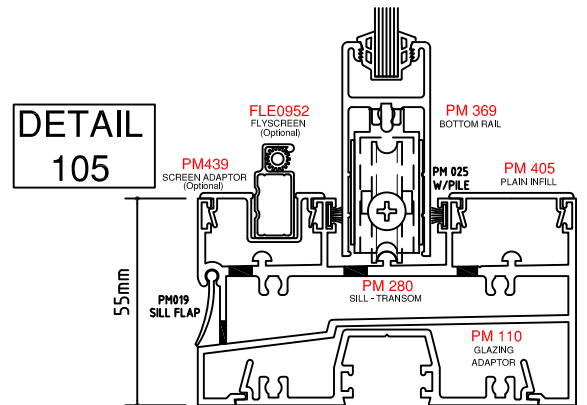
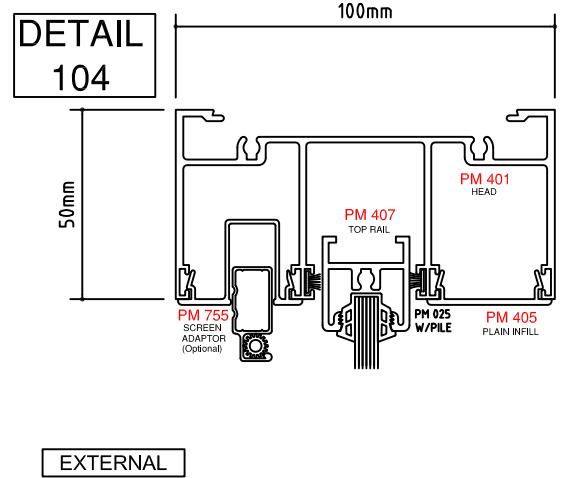
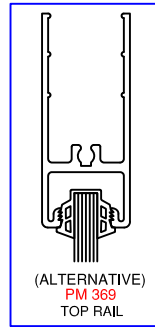
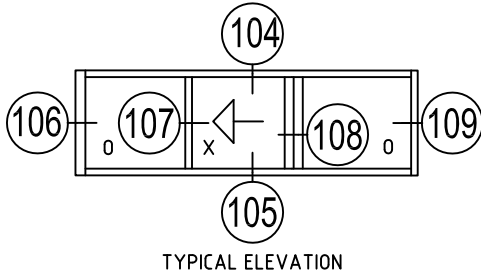


100mm x 45mm - 3 TRACK SLIDING WINDOW INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS



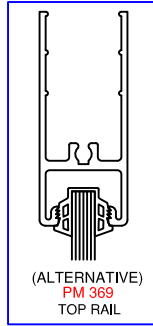
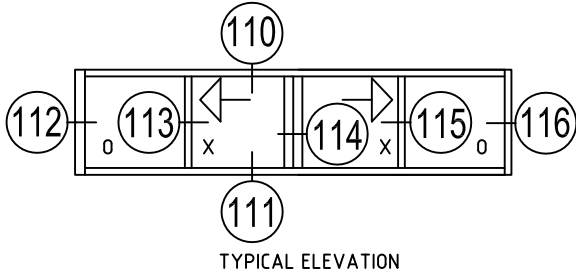
100mm x 45mm - 3 TRACK - OXLO - OXRO SLIDING WINDOW - DETAILS

DETAIL
SCALE 1:2

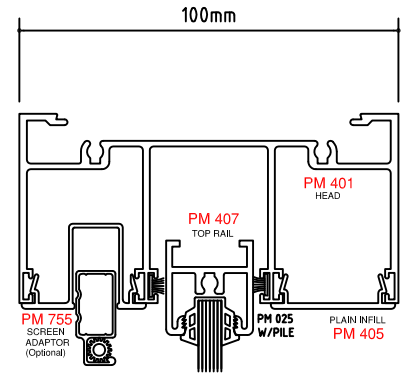


100mm x 45mm - 3 TRACK - OXXO SLIDING WINDOW - DETAILS

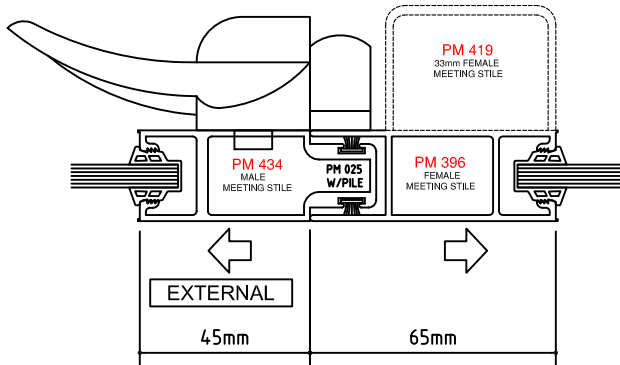
DETAIL
SCALE 1:2



DETAIL
110

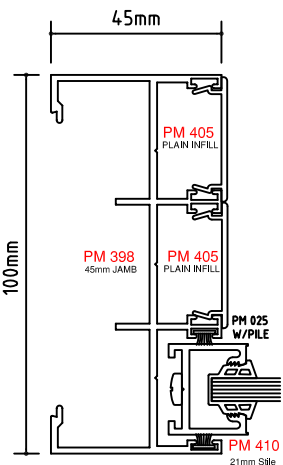
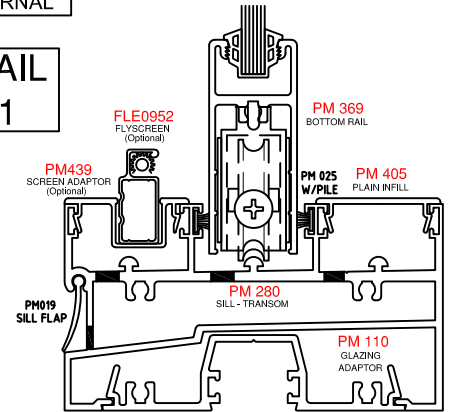


DETAIL
114

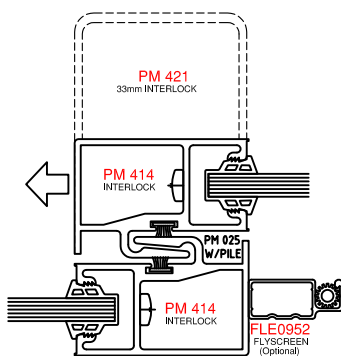


EXTERNAL

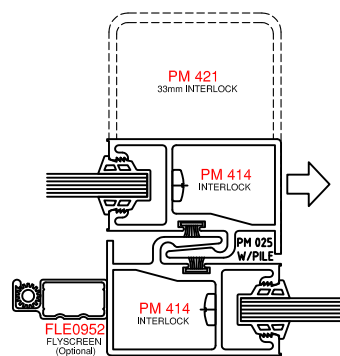
DETAIL
111



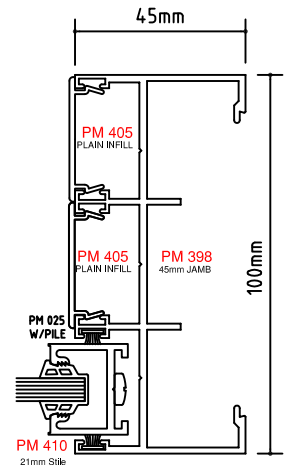
DETAIL
112



DETAIL
113



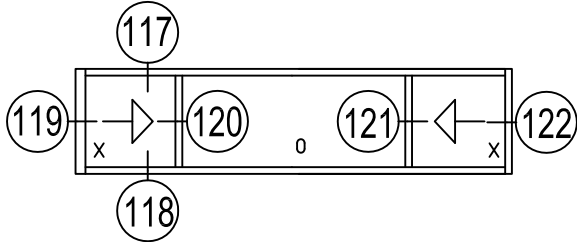
DETAIL
115



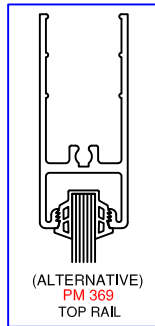
DETAIL
116

100mm x 45mm - 3 TRACK - XOX SLIDING WINDOW - DETAILS

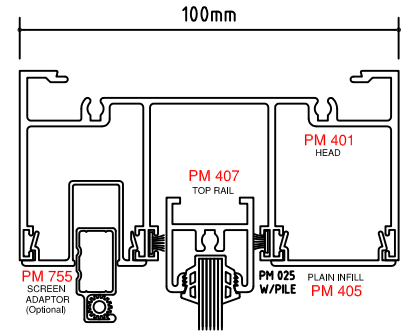
DETAIL
SCALE 1:2



TYPICAL ELEVATION

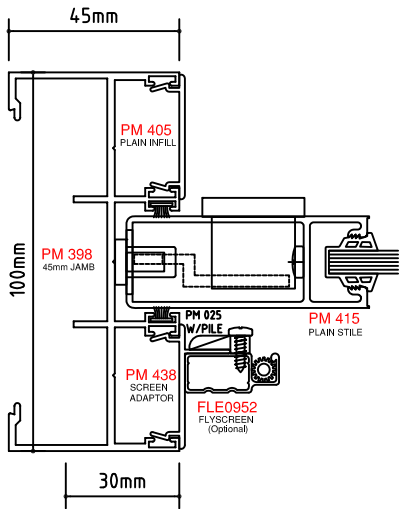
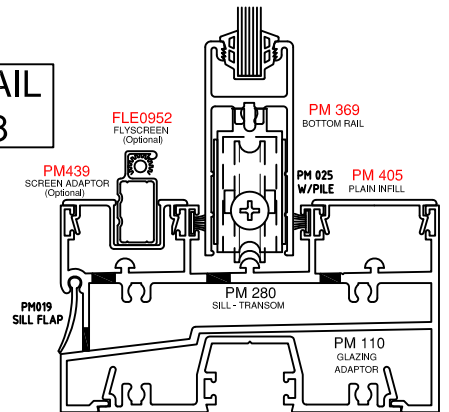


DETAIL
117

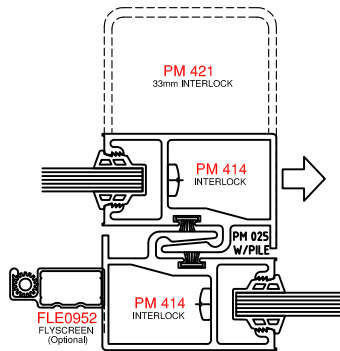


EXTERNAL

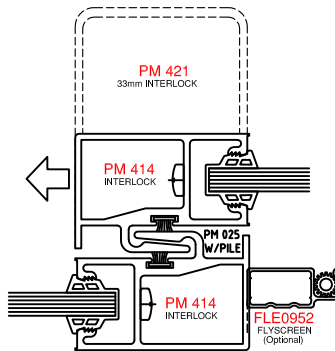
DETAIL
118



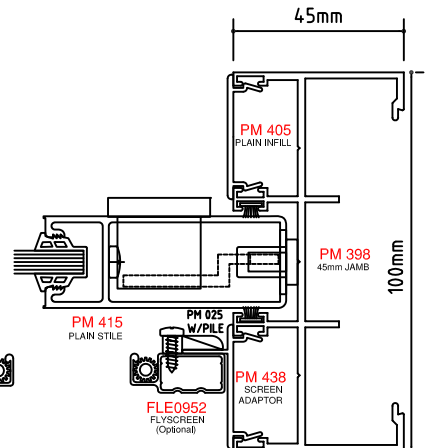
DETAIL
119



DETAIL
120



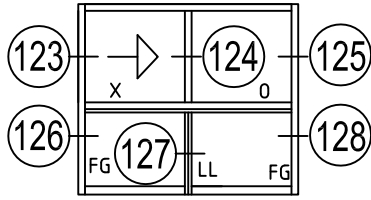
DETAIL
121



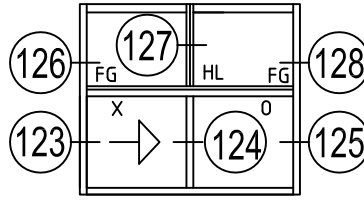
DETAIL
122

100mm x 45mm - 3 TRACK SLIDING WINDOW DETAILS

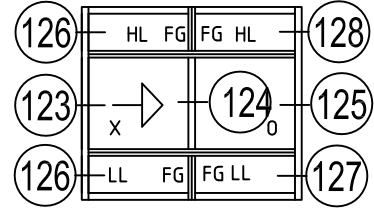
SCALE 1:2



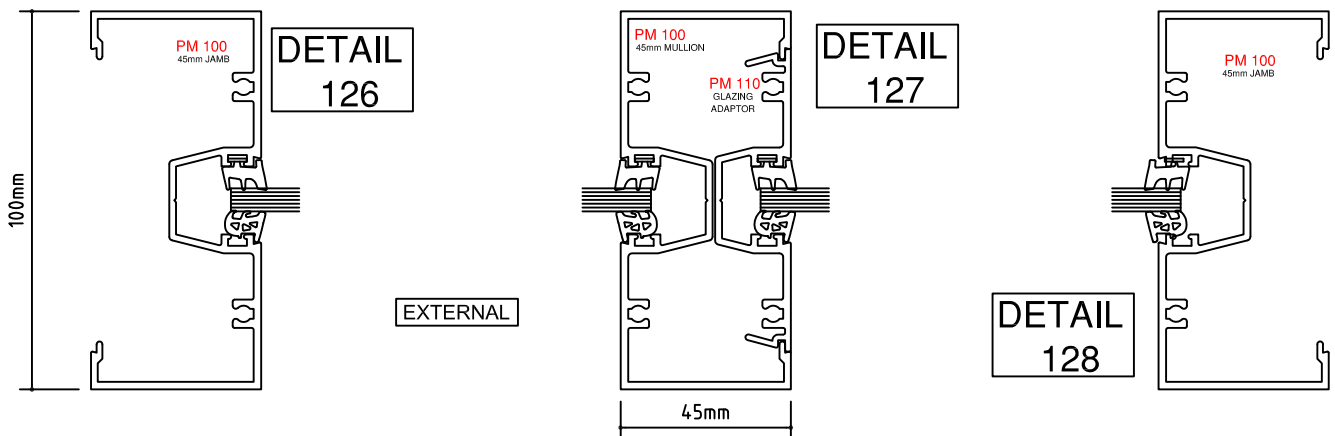
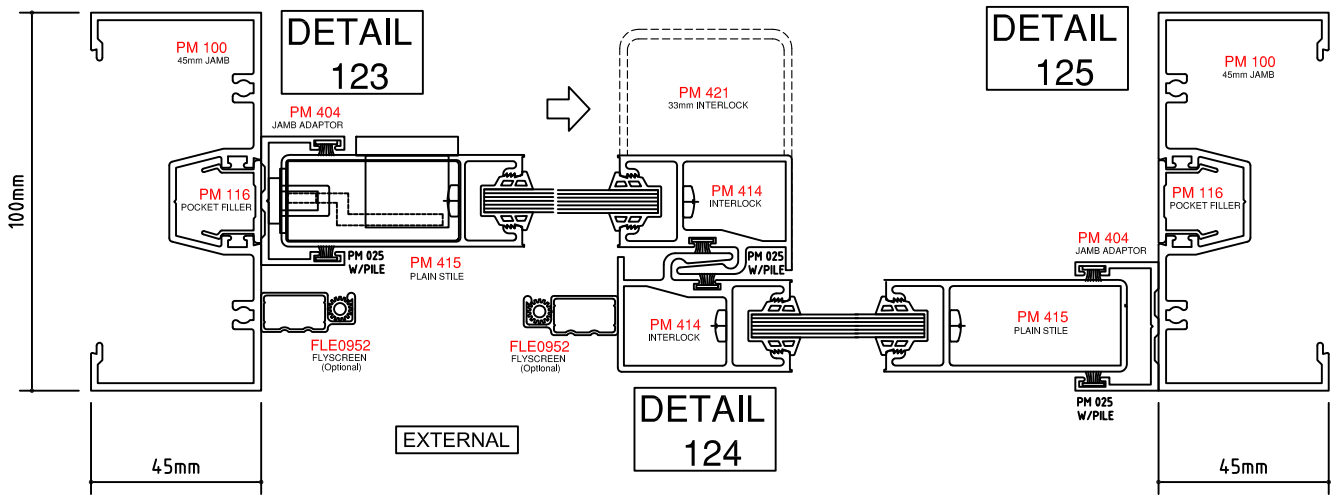
TYPICAL ELEVATION
LOW LITE



TYPICAL ELEVATION
HIGH LITE

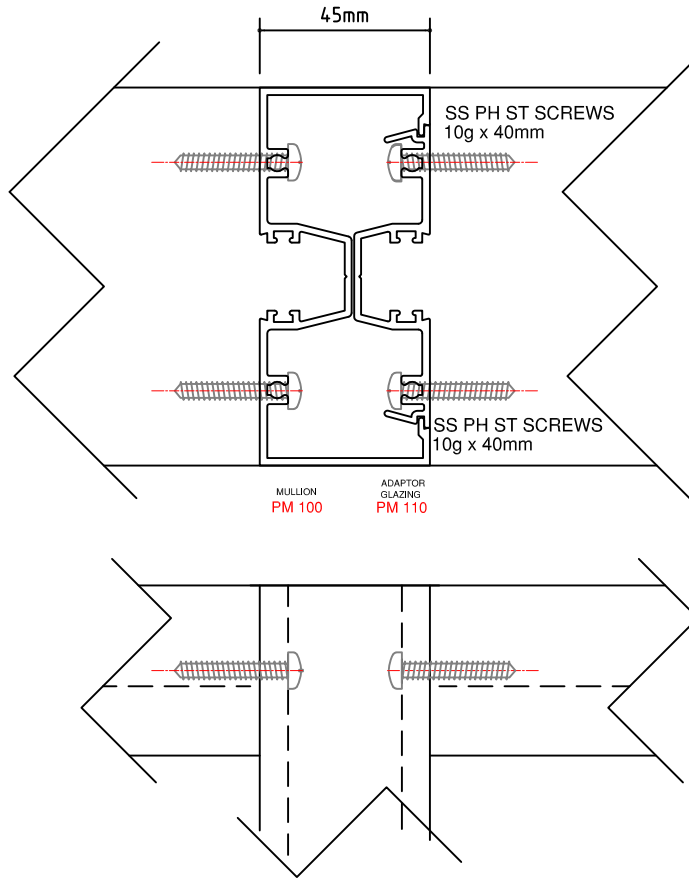
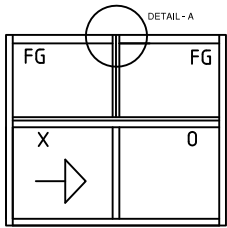


TYPICAL ELEVATION
HIGH LITE - LOW LITE

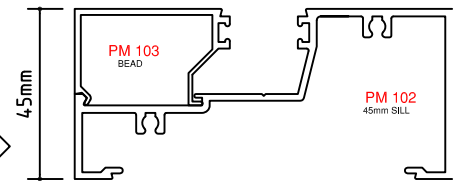
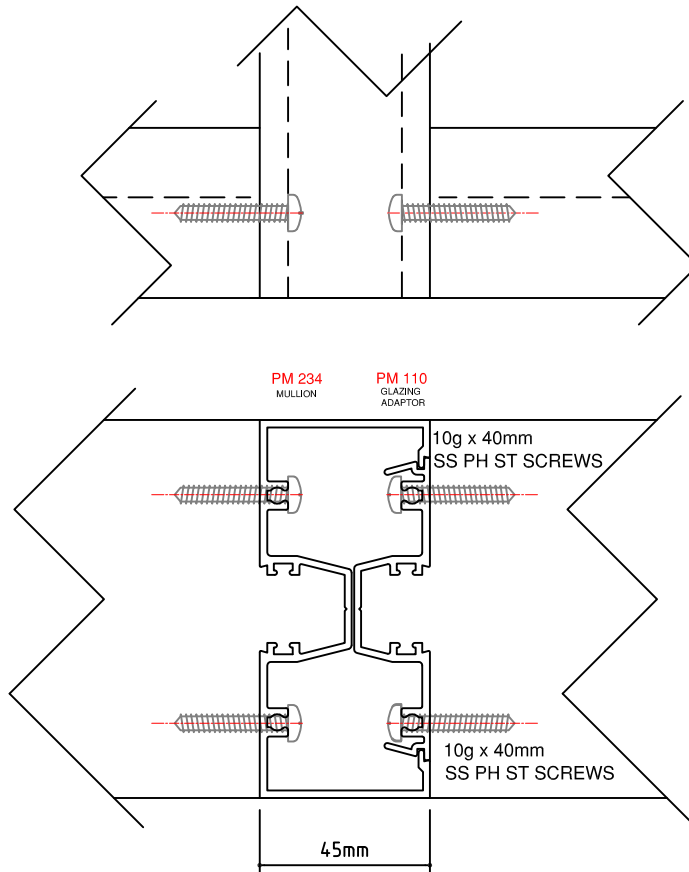
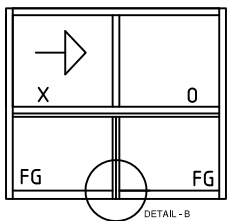
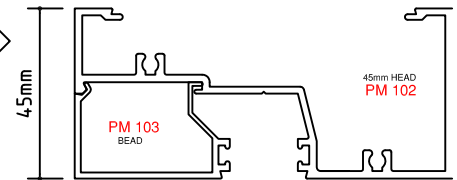


100mm x 45mm - 3 TRACK SLIDING WINDOW HEAD & SILL MULLION JOINT DETAILS

DETAIL
SCALE 1:2



DETAIL
"A"

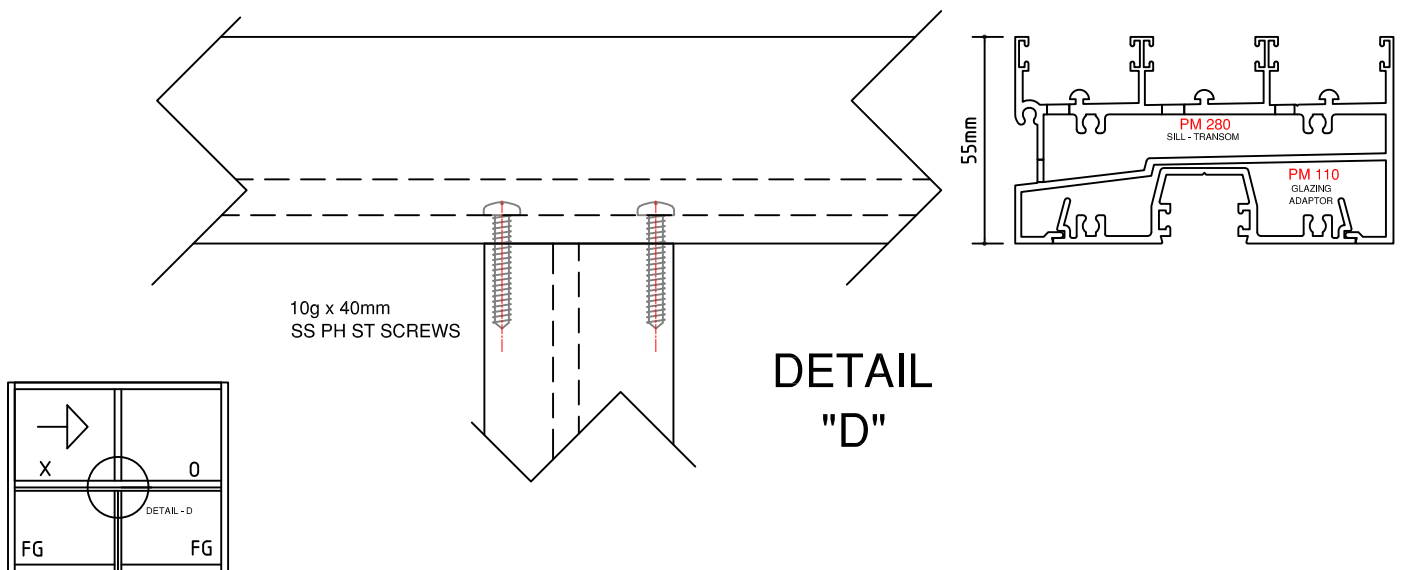
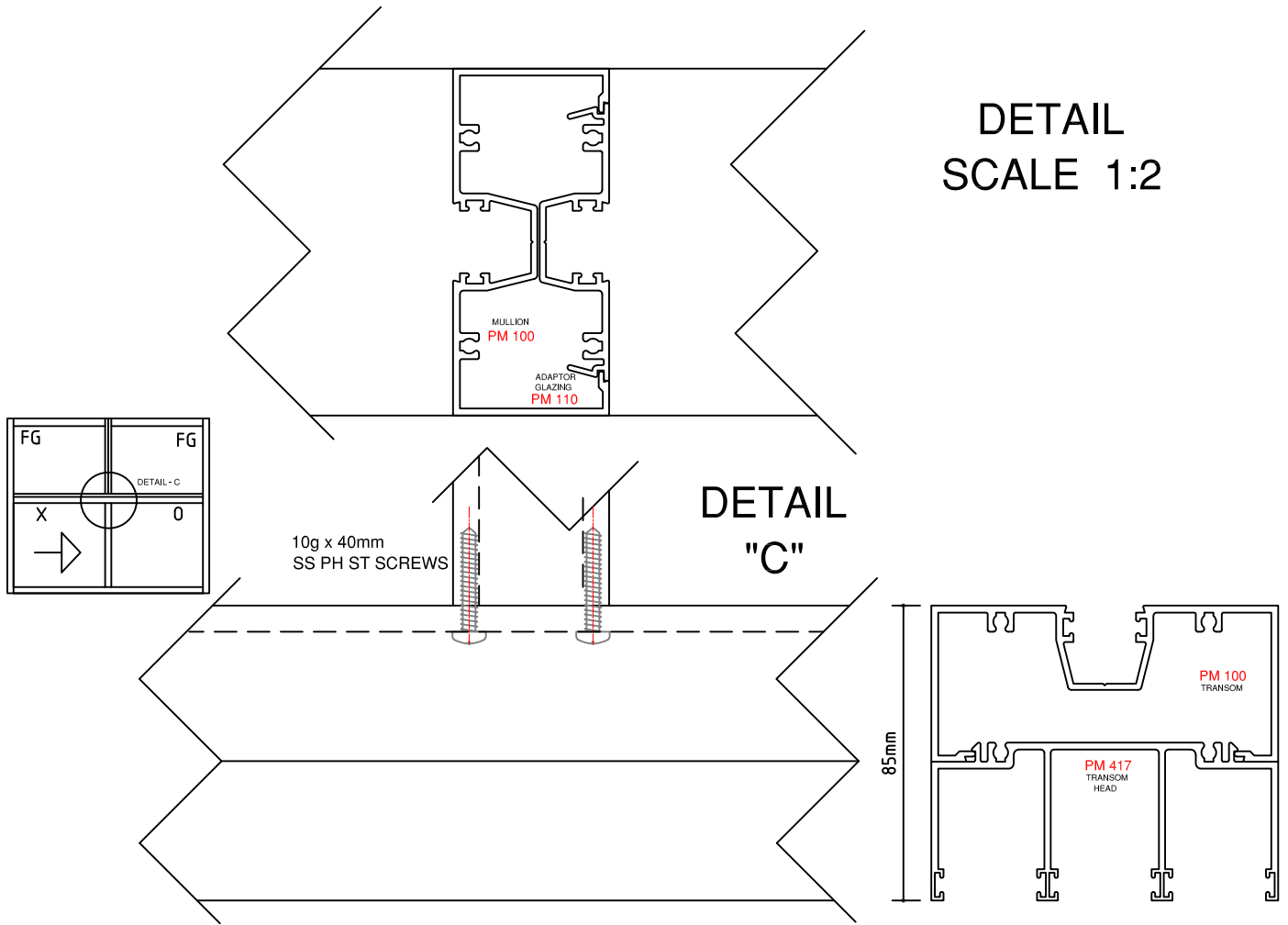


DETAIL
"B"



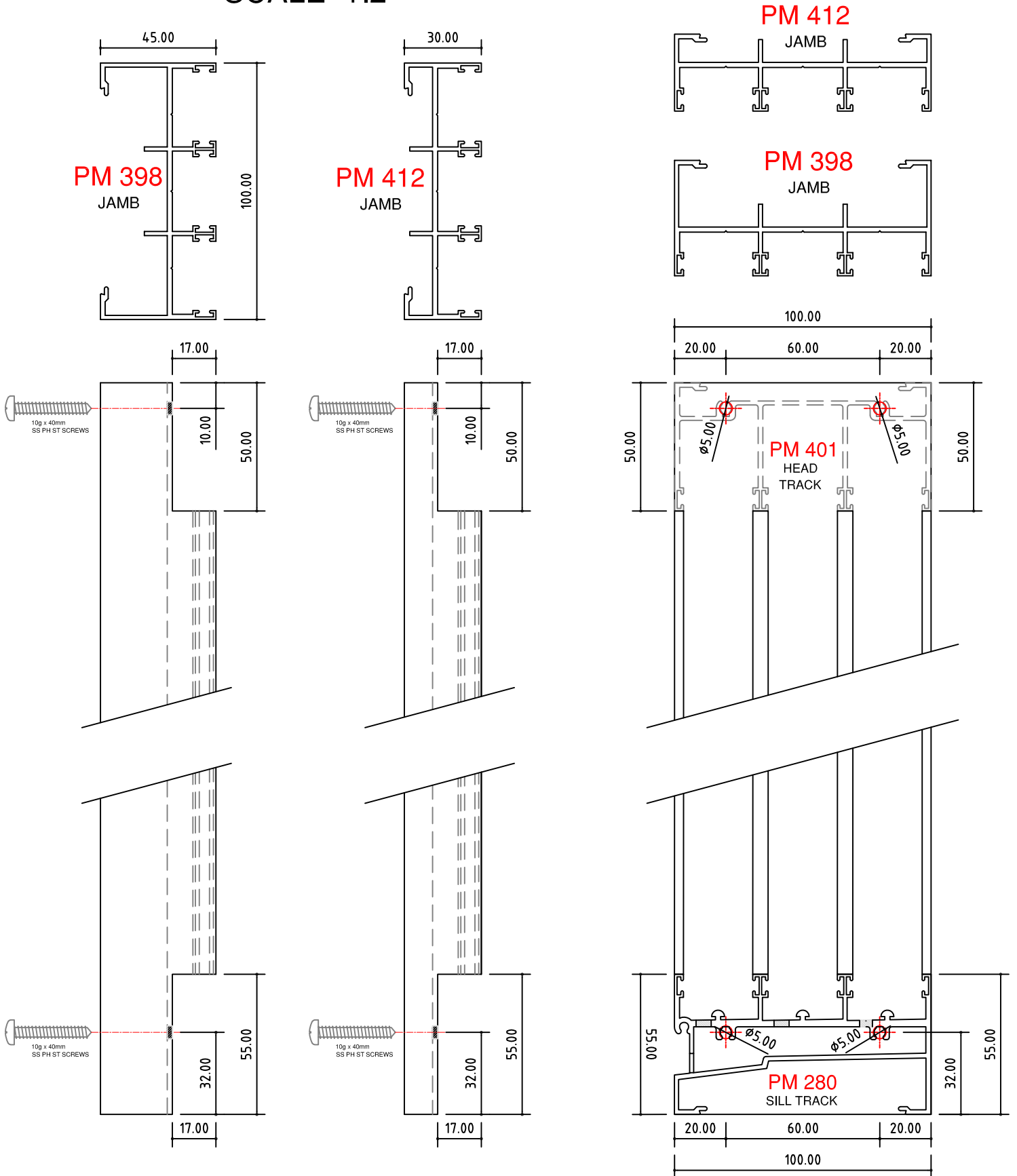
100mm x 45mm - 2 TRACK SLIDING WINDOW TRANSOM MULLION JOINT DETAILS

DETAIL
 SCALE 1:2



PM398 & PM412 JAMB MACHINING DETAILS PM401 HEAD / PM280 SILL

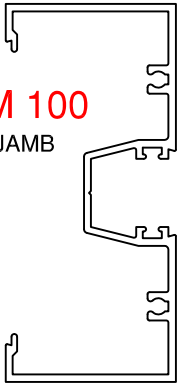
DETAIL
SCALE 1:2



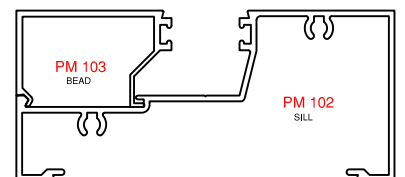
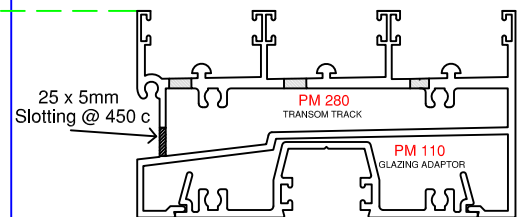
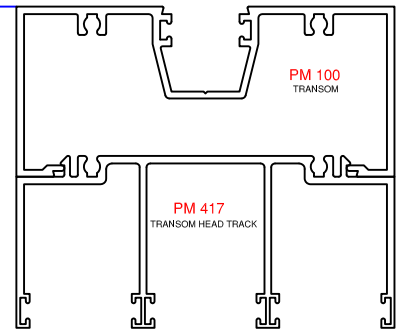
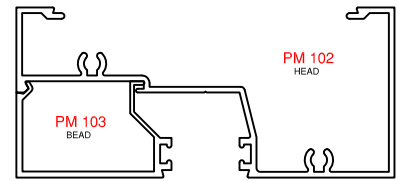
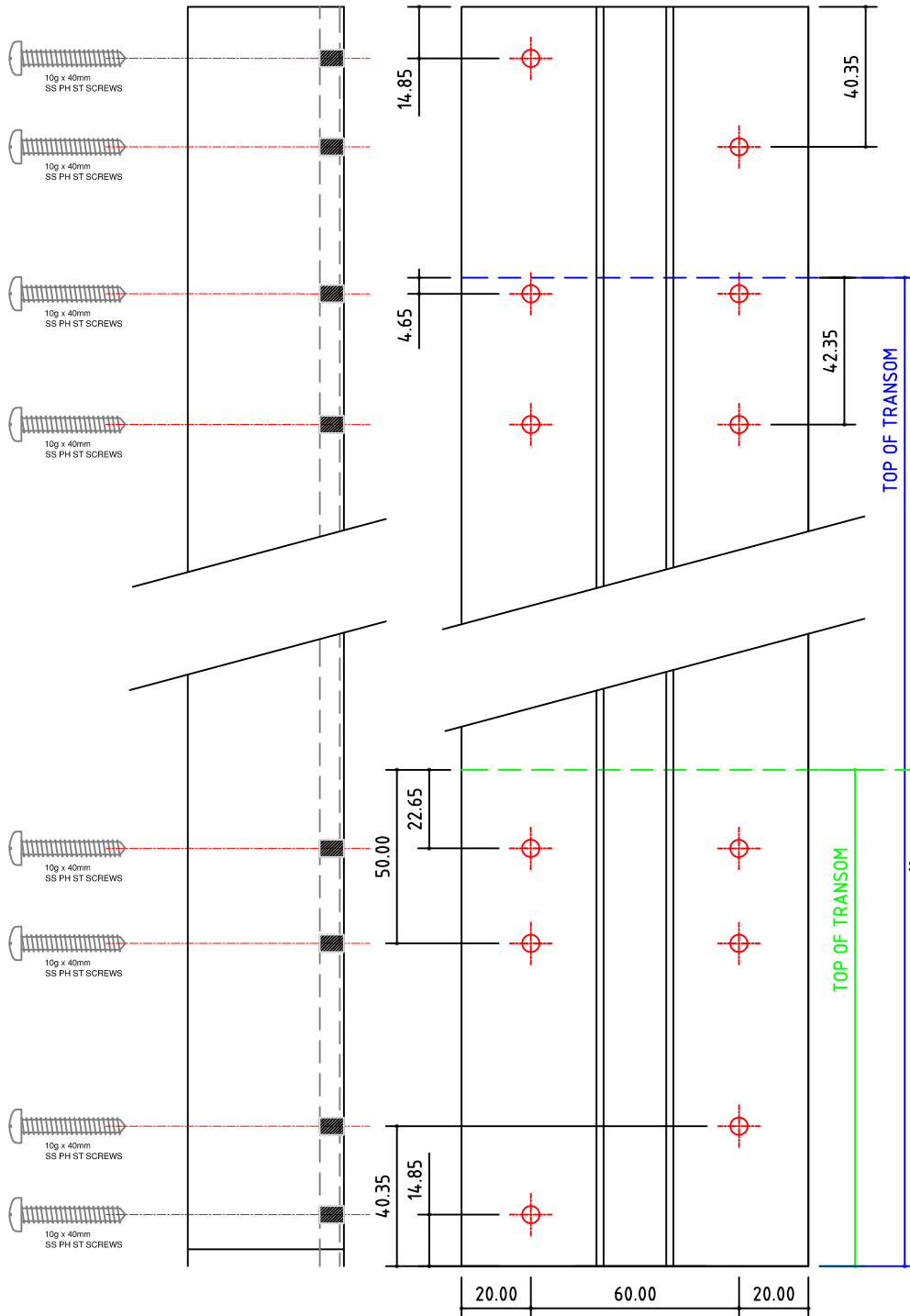
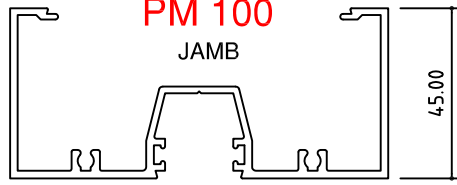
PM100 JAMB MACHINING DETAILS PM102 HEAD / PM102 SILL PM100 - 417 & 280 - 110 TRANSOMS

DETAIL
SCALE 1:2

PM 100
JAMB



PM 100
JAMB



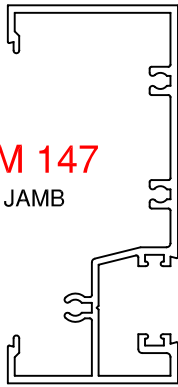
3004 SERIES WINDOWS

A74

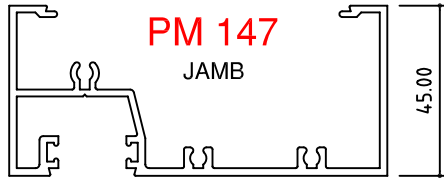


PM147 JAMB MACHINING DETAILS PM162 HEAD / PM162 SILL PM147 - 417 & 280 - 147 TRANSOMS

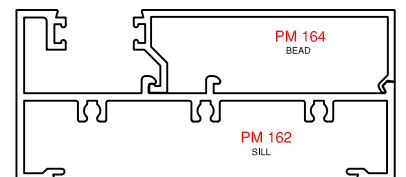
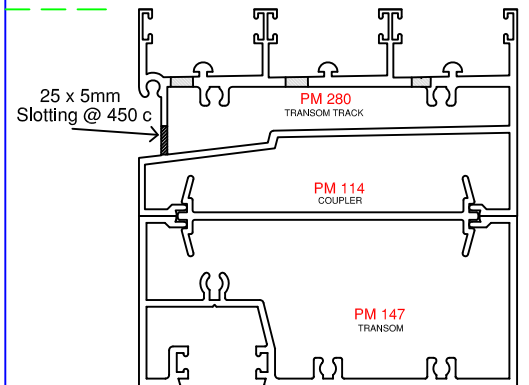
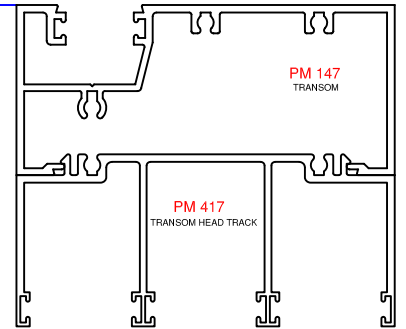
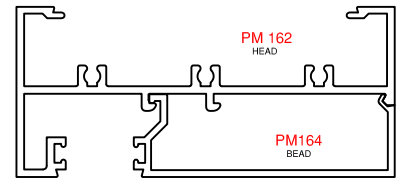
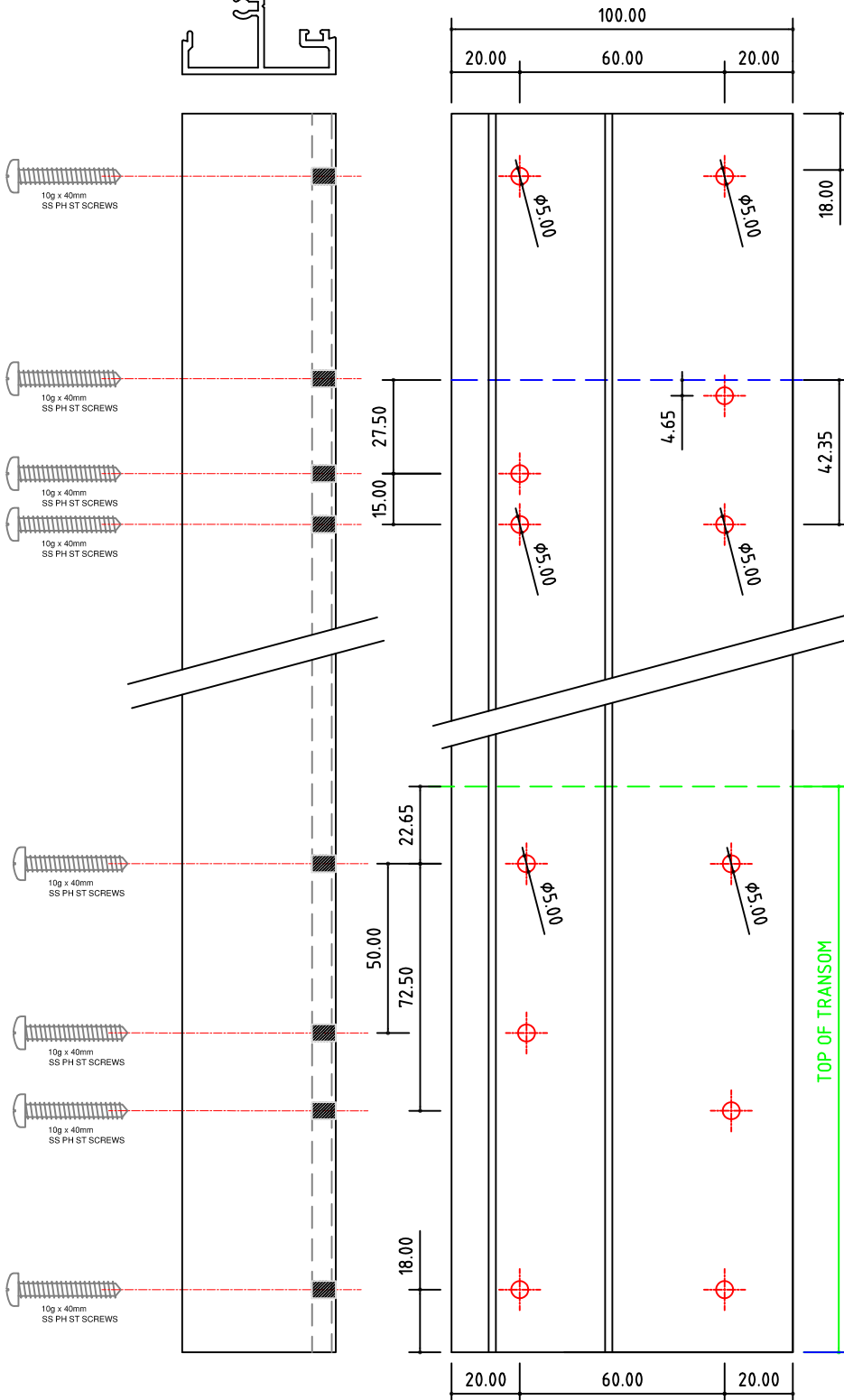
PM 147
JAMB



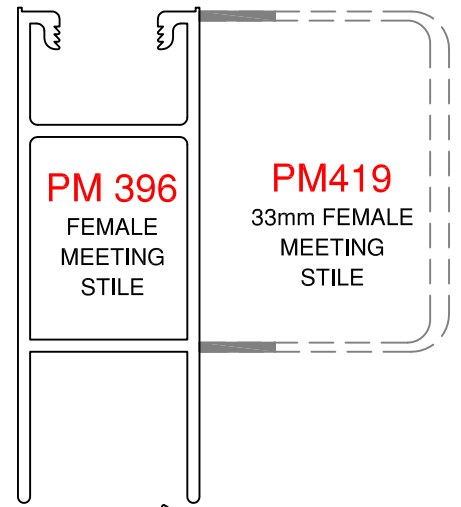
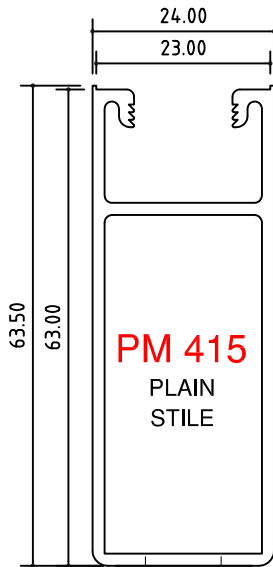
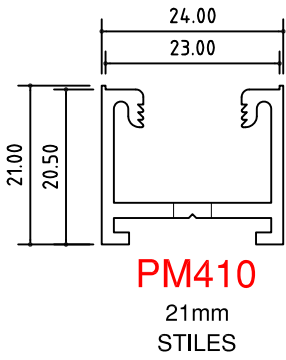
PM 147
JAMB



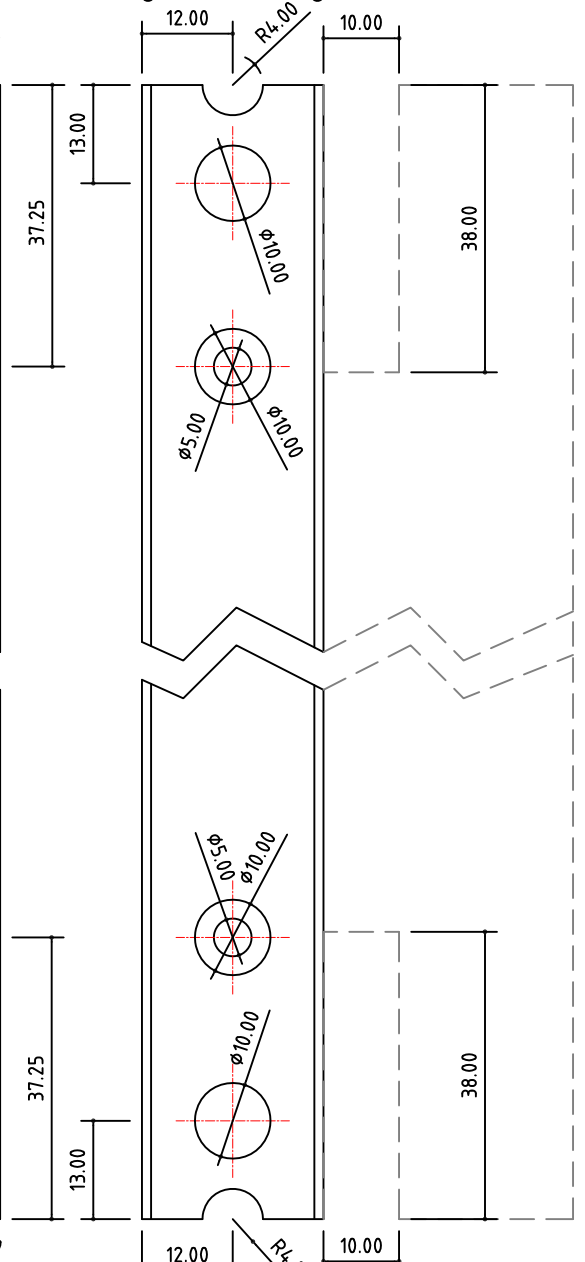
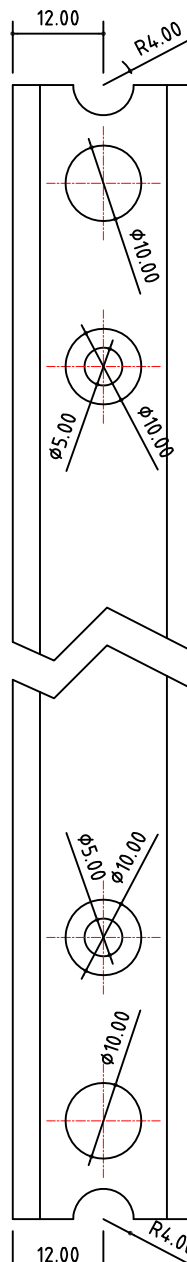
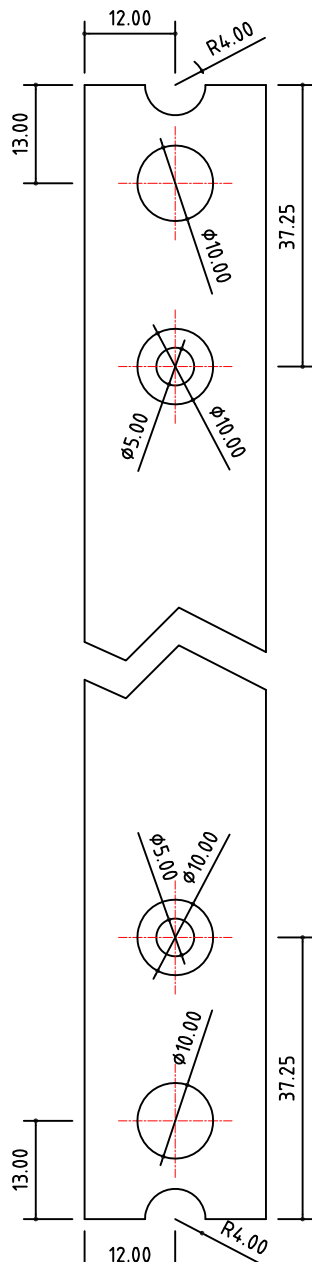
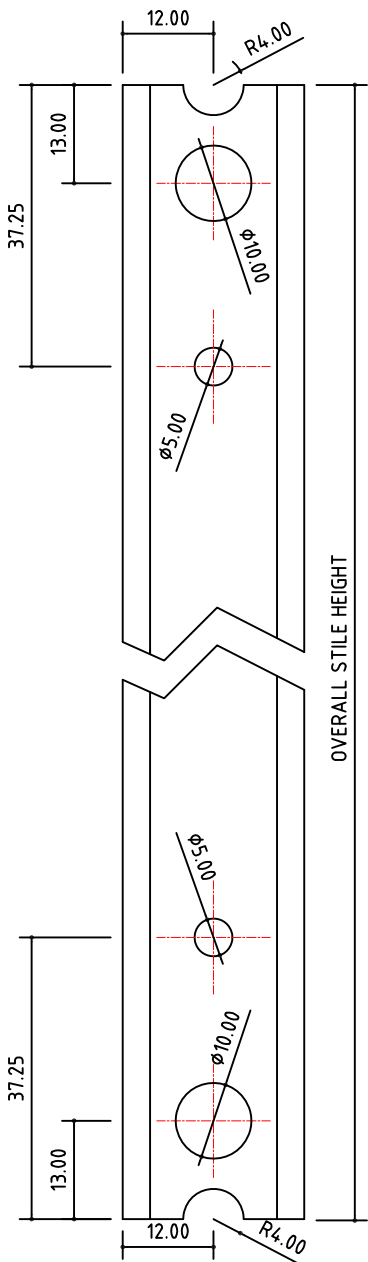
DETAIL
SCALE 1:2



PM396 - 410 - 415 - 418 - 419 - 434 STILE MACHINING DETAILS



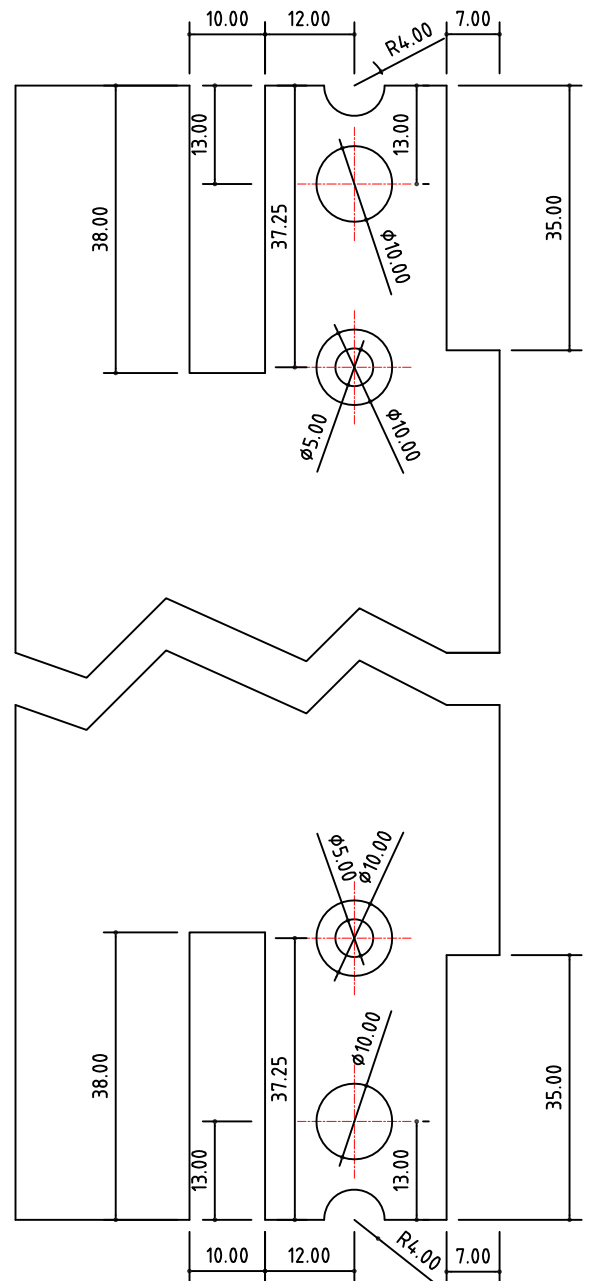
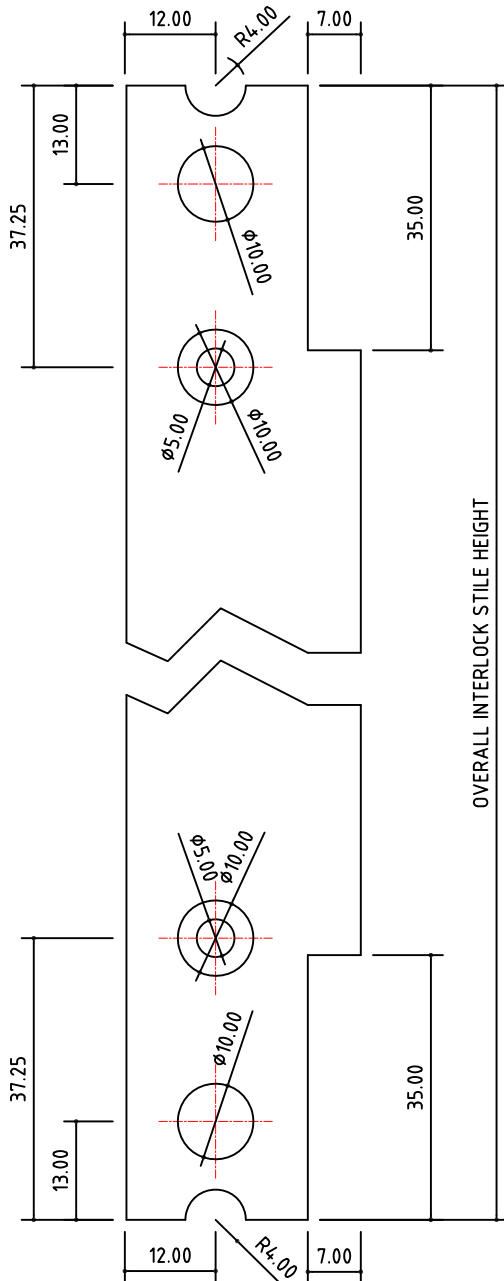
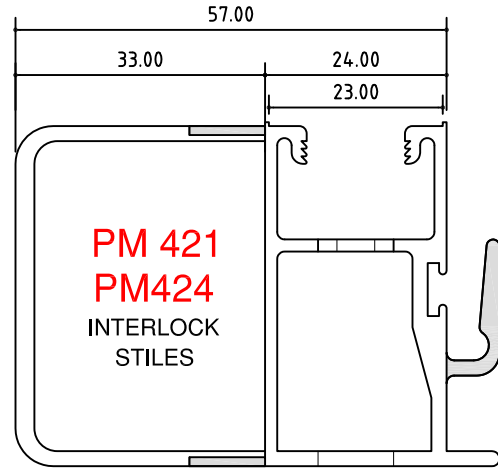
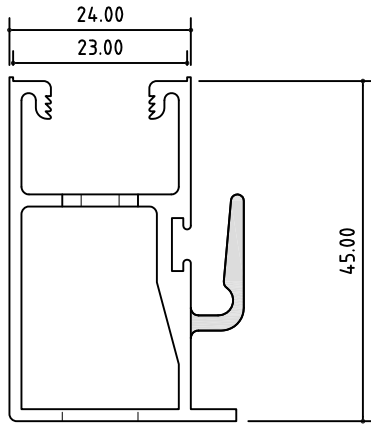
SCALE 1:1



PM414 - 421 - 424 - 426 INTERLOCK STILE MACHINING DETAILS

SCALE 1:1

PM 414
 INTERLOCK
 STILE



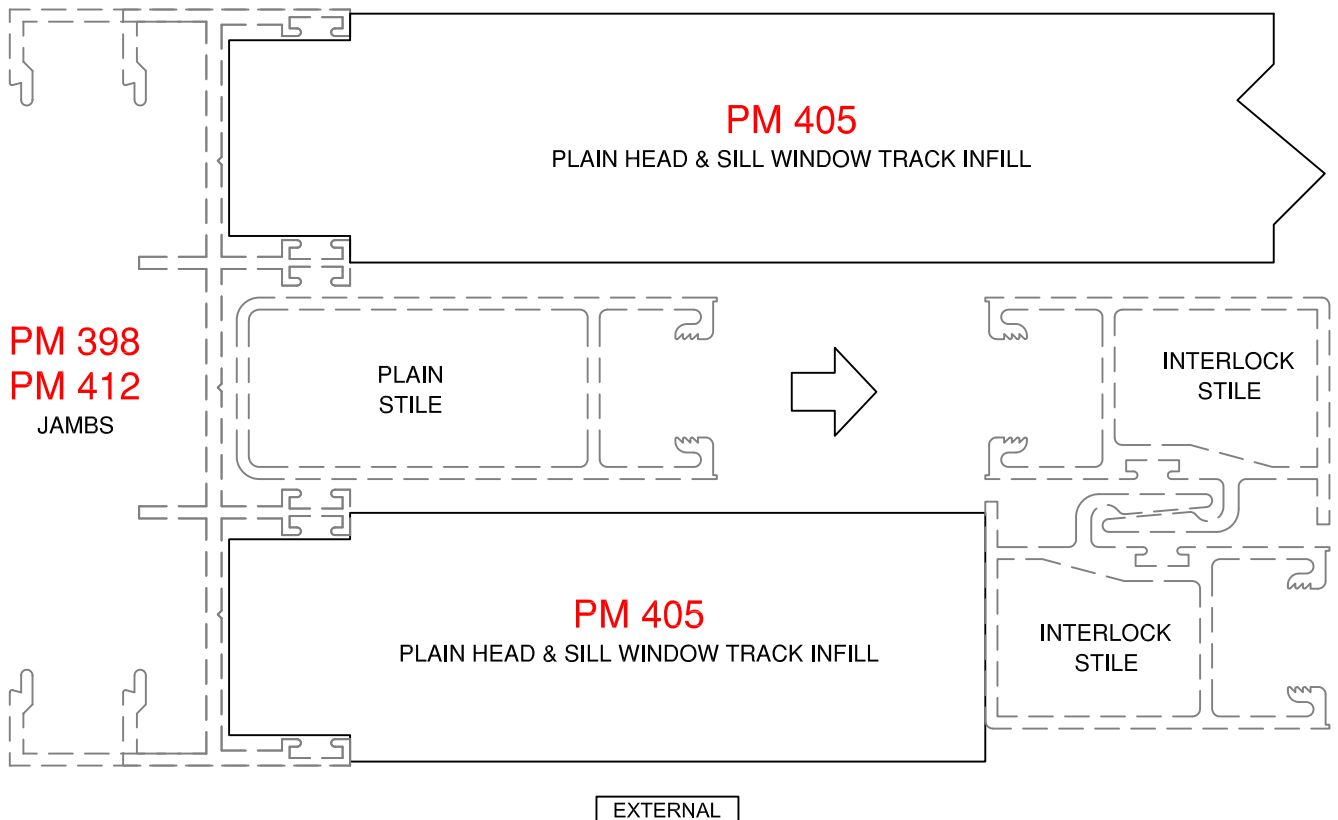
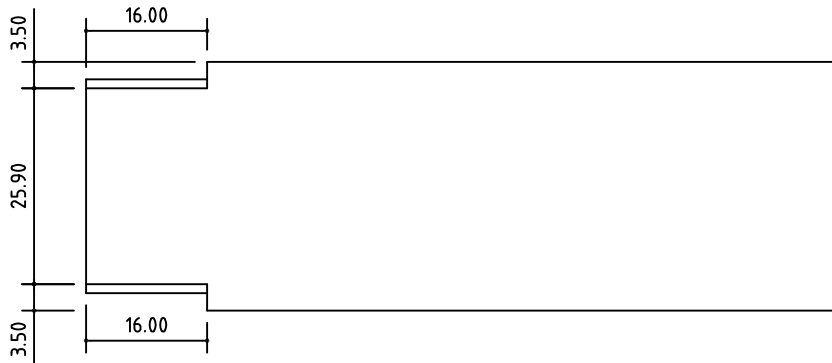
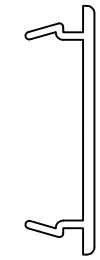
OVERALL INTERLOCK STILE HEIGHT

PM405 INFILL HEAD & SILL MACHINING DETAILS to suit PM429 & 752 JAMBS

SCALE 1:1

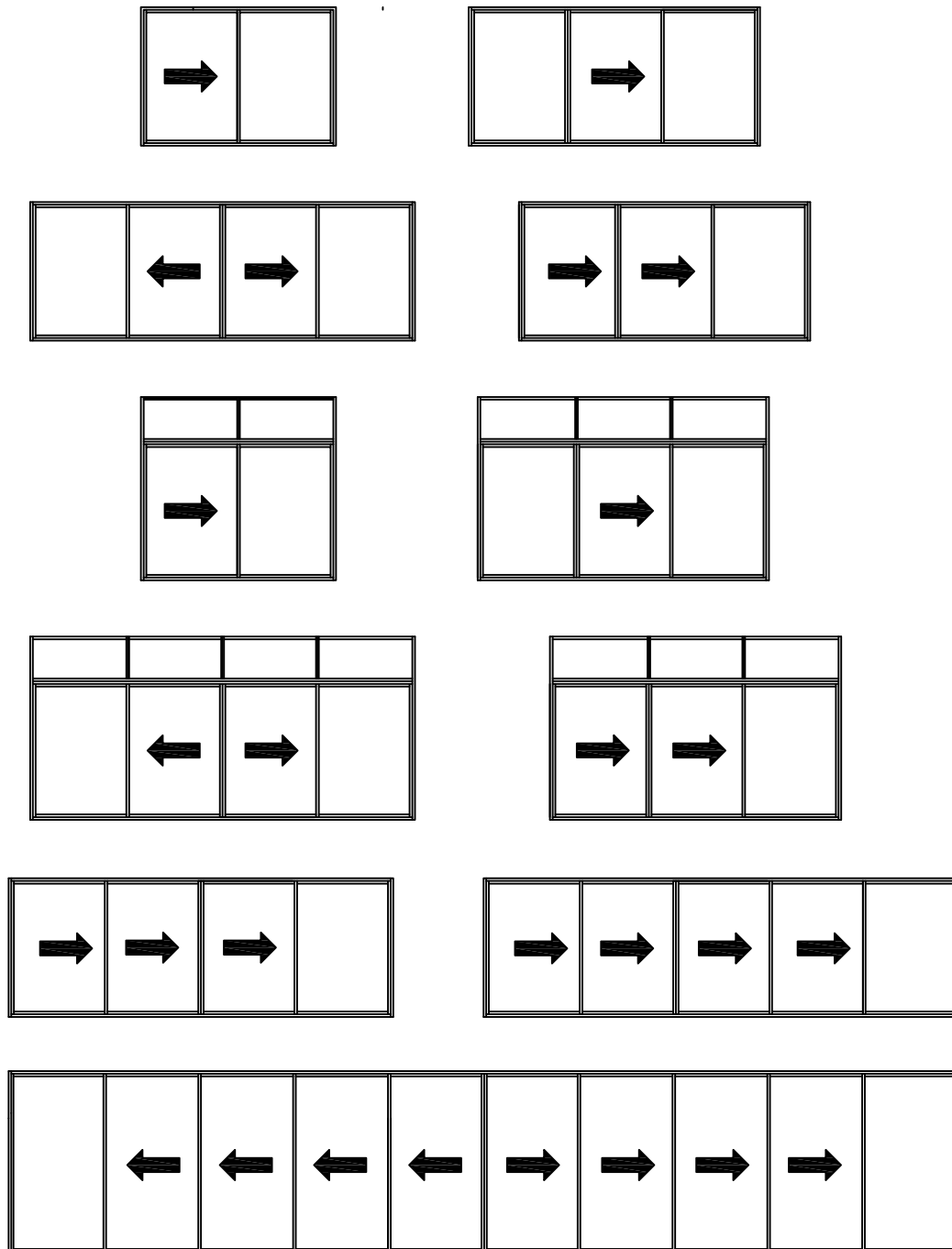
(NO SCREEN REQUIREMENT)

PM 405
PLAIN INFILL



SLIDING DOOR CONFIGURATIONS

100mm FRAME - 3 TRACK SLIDING DOORS
150mm FRAME - 4 TRACK SLIDING DOORS
164mm FRAME - 5 TRACK SLIDING DOORS



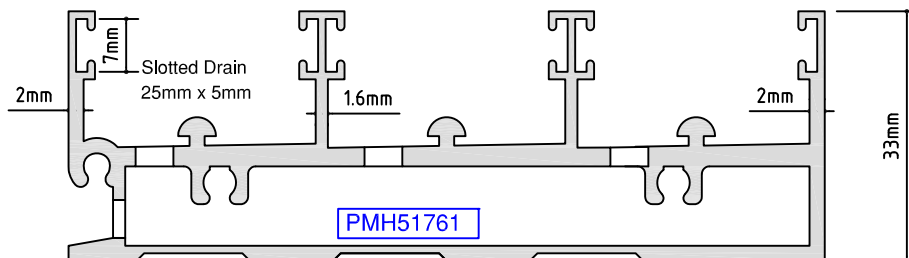
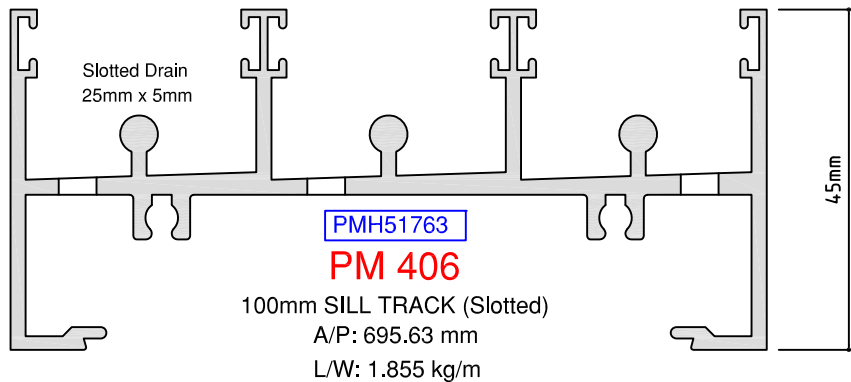
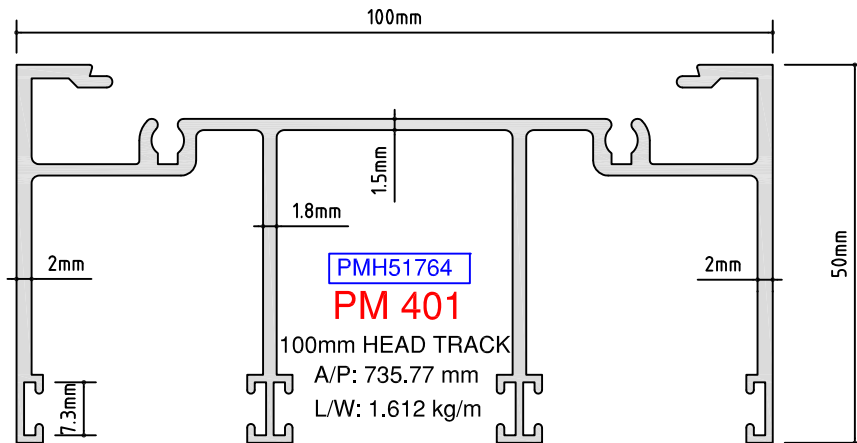
3005 SERIES DOORS - DOUBLE GLAZING
3006 SERIES DOORS - SINGLE GLAZING

3005 SERIES DOORS

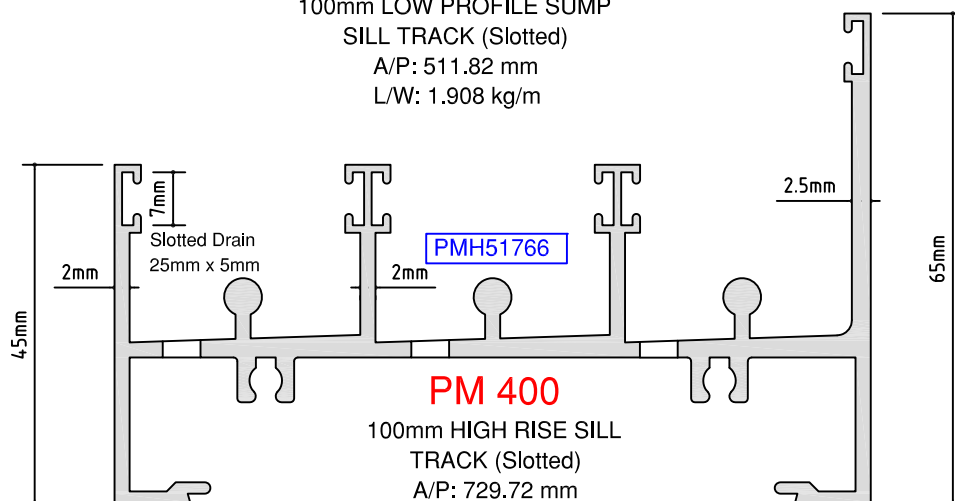
100mm - 3 TRACK

SLIDING DOOR SECTIONS

SCALE 1:1



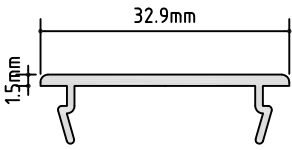
PM 432
100mm LOW PROFILE SUMP
SILL TRACK (Slotted)
A/P: 511.82 mm
L/W: 1.908 kg/m



PM 400
100mm HIGH RISE SILL
TRACK (Slotted)
A/P: 729.72 mm
L/W: 2.017 kg/m
(MILL ORDER ONLY)

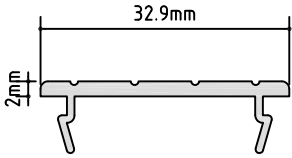
100mm - 3 TRACK SLIDING DOOR SECTIONS

SCALE 1:1



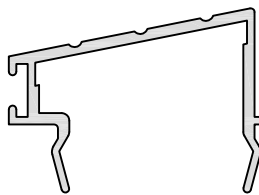
PMA6237
PM 405

PLAIN TRACK INFILL
 A/P: 101.34 mm
 L/W: 0.179 kg/m



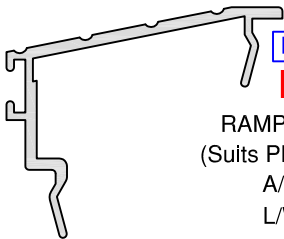
PMBA0100
PM 416

TREAD THRESHOLD
 A/P: 104.10 mm
 L/W: 0.218 kg/m



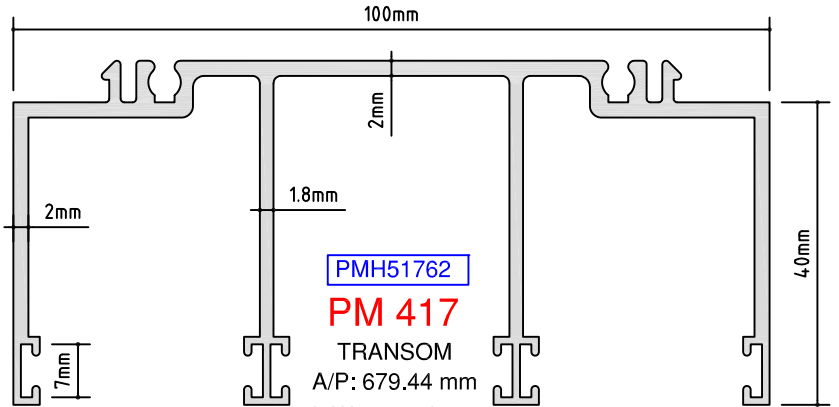
PMBA0101
PM 440

RAMPED THRESHOLD
 (Suits PM400 High Rise Sill)
 A/P: 172.31 mm
 L/W: 0.298 kg/m



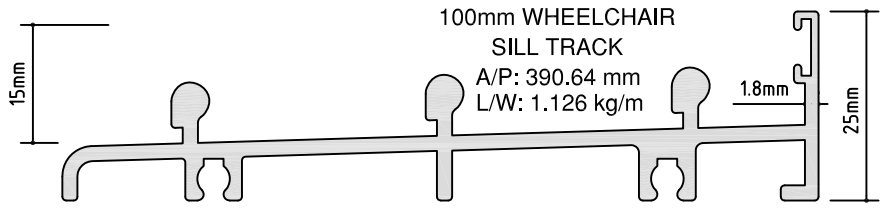
PMBA0102
PM 449

RAMPED THRESHOLD
 (Suits PM400 High Rise Sill)
 A/P: 174.52 mm
 L/W: 0.297 kg/m



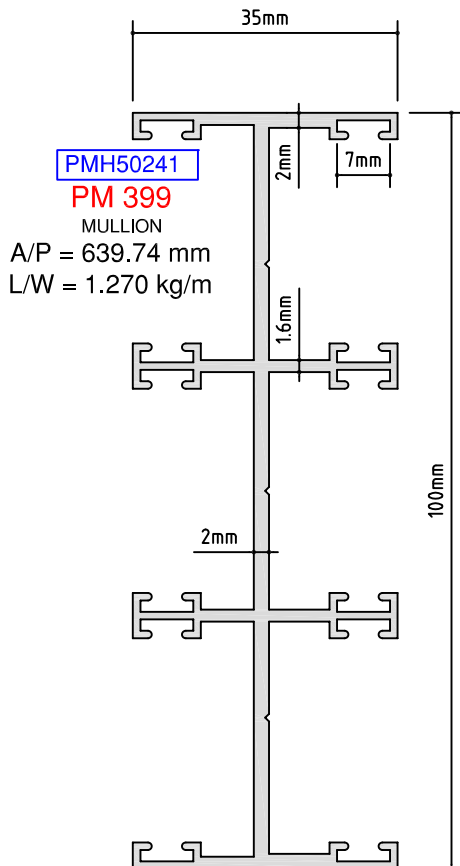
PMH51762
PM 417

TRANSOM
 A/P: 679.44 mm
 L/W: 1.585 kg/m



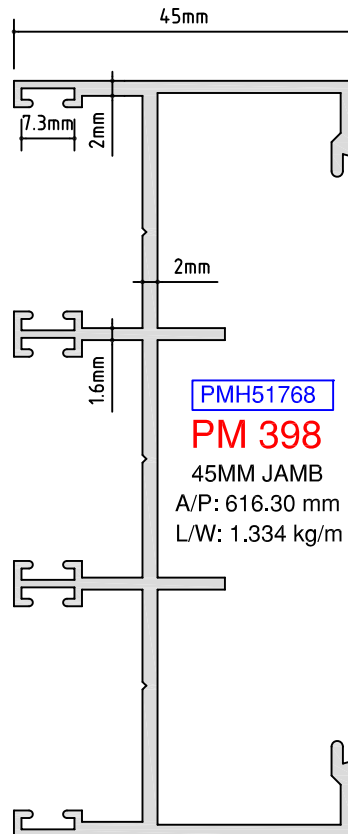
PMH50956
PM 264

100mm WHEELCHAIR
 SILL TRACK
 A/P: 390.64 mm
 L/W: 1.126 kg/m



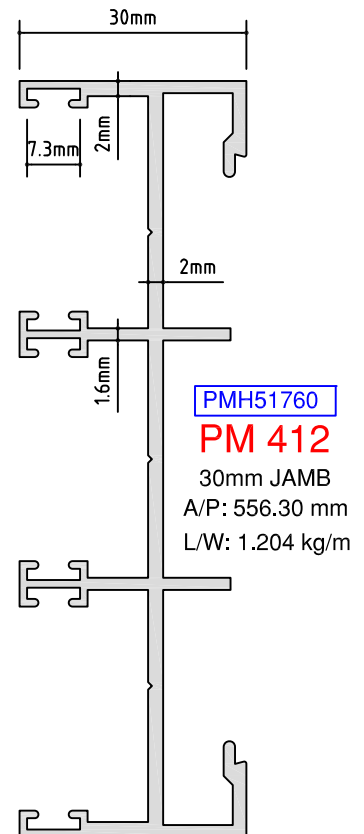
PMH50241
PM 399

MULLION
 A/P = 639.74 mm
 L/W = 1.270 kg/m



PMH51768
PM 398

45MM JAMB
 A/P: 616.30 mm
 L/W: 1.334 kg/m

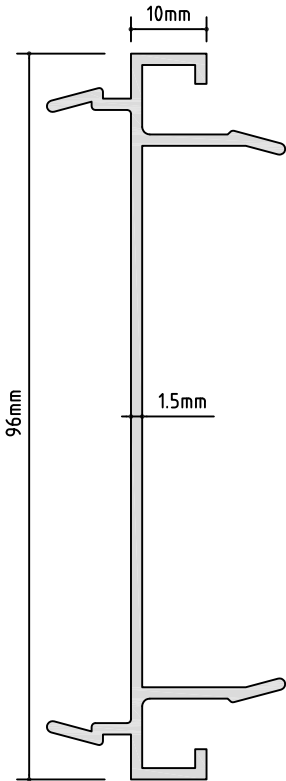


PMH51760
PM 412

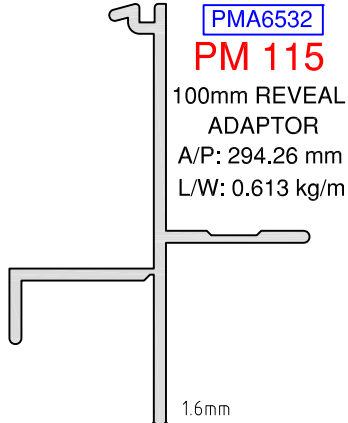
30mm JAMB
 A/P: 556.30 mm
 L/W: 1.204 kg/m

100mm - 3 TRACK SLIDING DOOR SECTIONS

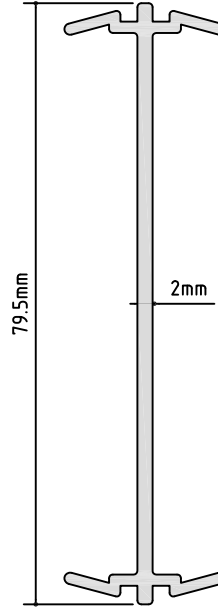
SCALE 1:1



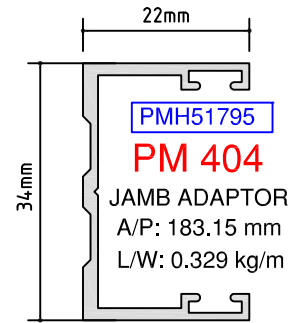
AST20239
ME2-20239
 101.6mm FRAME to 100mm
 FRAME COUPLER
 A/P: 361.17 mm
 L/W: 0.740 kg/m



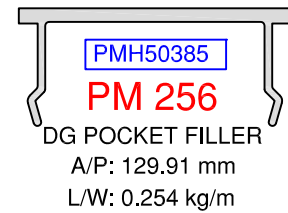
PMA6532
PM 115
 100mm REVEAL
 ADAPTOR
 A/P: 294.26 mm
 L/W: 0.613 kg/m



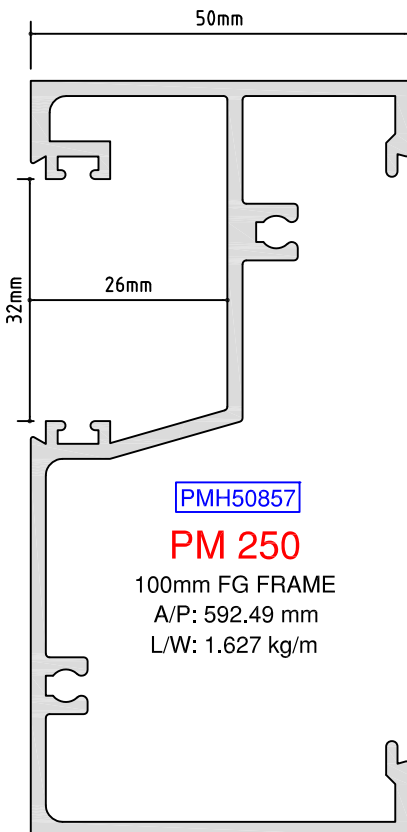
PMA6172
PM 114
 100mm FRAME
 COUPLER
 A/P: 245.89 mm
 L/W: 0.609 kg/m



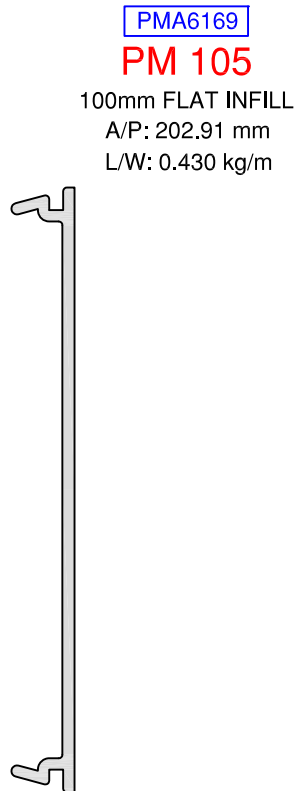
PMH51795
PM 404
 JAMB ADAPTOR
 A/P: 183.15 mm
 L/W: 0.329 kg/m



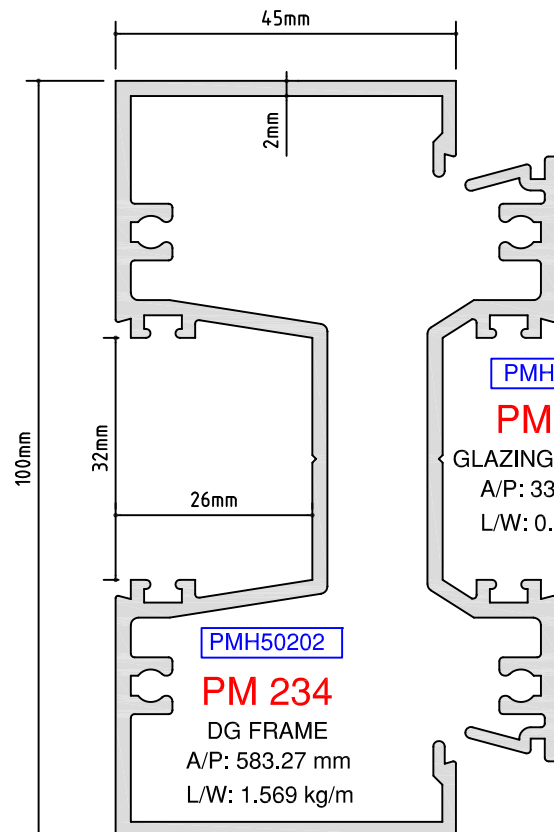
PMH50385
PM 256
 DG POCKET FILLER
 A/P: 129.91 mm
 L/W: 0.254 kg/m



PMH50857
PM 250
 100mm FG FRAME
 A/P: 592.49 mm
 L/W: 1.627 kg/m



PMA6169
PM 105
 100mm FLAT INFILL
 A/P: 202.91 mm
 L/W: 0.430 kg/m

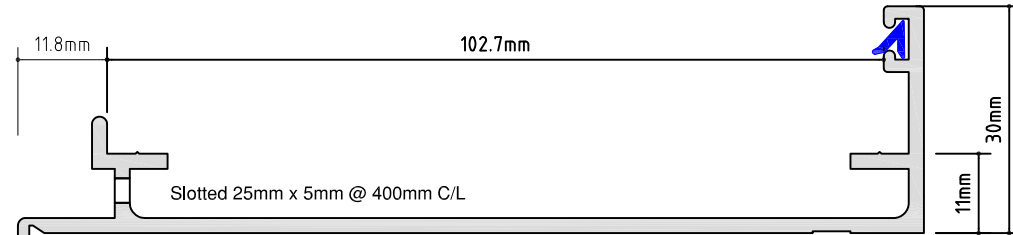


PMH50202
PM 234
 DG FRAME
 A/P: 583.27 mm
 L/W: 1.569 kg/m

PMH50204
PM 236
 GLAZING ADAPTOR
 A/P: 330.53 mm
 L/W: 0.848 kg/m

100mm - SUB FRAME SECTIONS

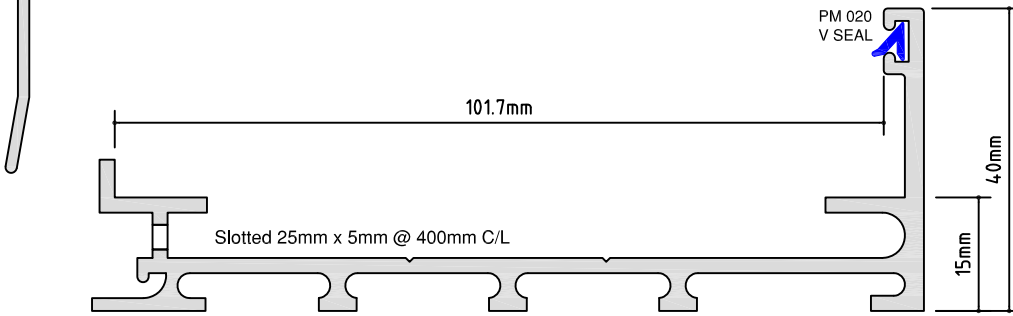
SCALE 1:1



PMA6326

PM 145

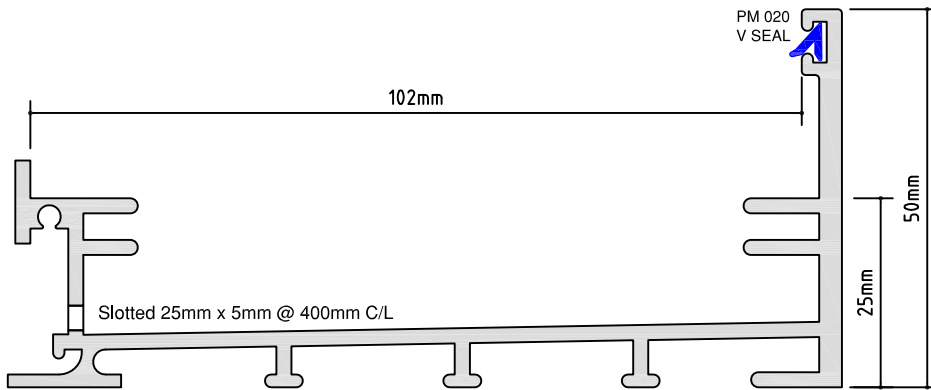
100mm FRAME STANDARD
SUB SILL (Slotted)
A/P: 428.72 mm
L/W: 1.106 kg/m



PMA4424

PM 142

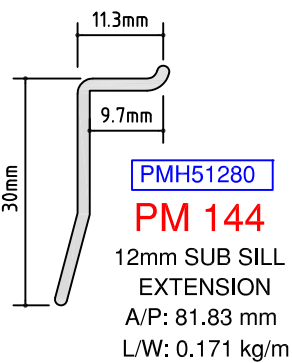
100mm FRAME
40mm COMMERCIAL
SUB SILL (Slotted)
A/P: 455.80 mm
L/W: 1.314 kg/m



PMBA0049

PM 138

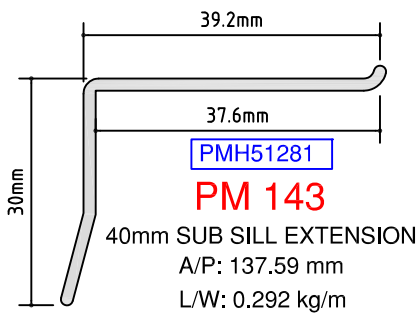
100mm FRAME 50mm DEEP
SUB SILL (Slotted)
A/P: 560.11 mm
L/W: 1.617 kg/m



PMH51280

PM 144

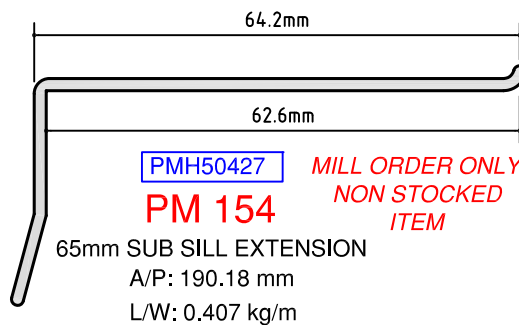
12mm SUB SILL
EXTENSION
A/P: 81.83 mm
L/W: 0.171 kg/m



PMH51281

PM 143

40mm SUB SILL EXTENSION
A/P: 137.59 mm
L/W: 0.292 kg/m

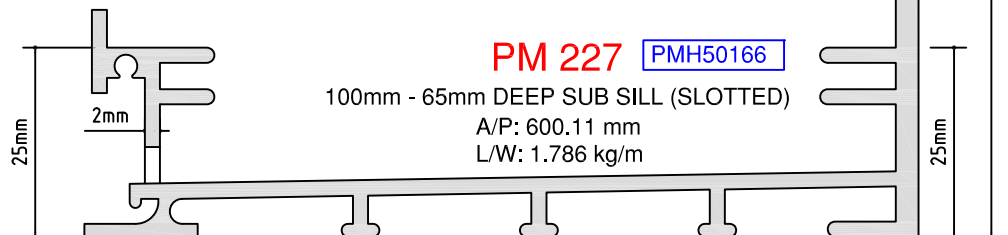


PMH50427

PM 154

65mm SUB SILL EXTENSION
A/P: 190.18 mm
L/W: 0.407 kg/m

*MILL ORDER ONLY
NON STOCKED
ITEM*



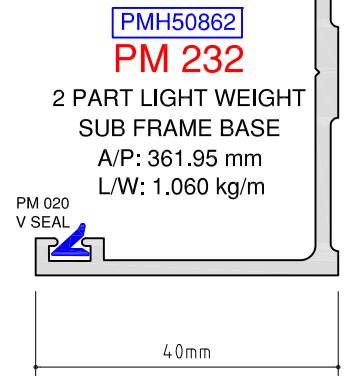
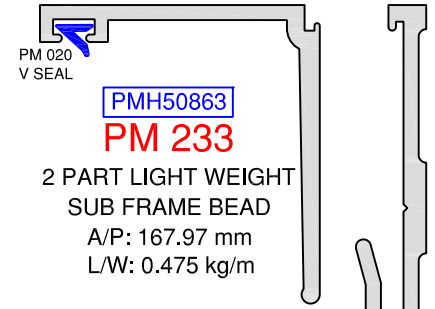
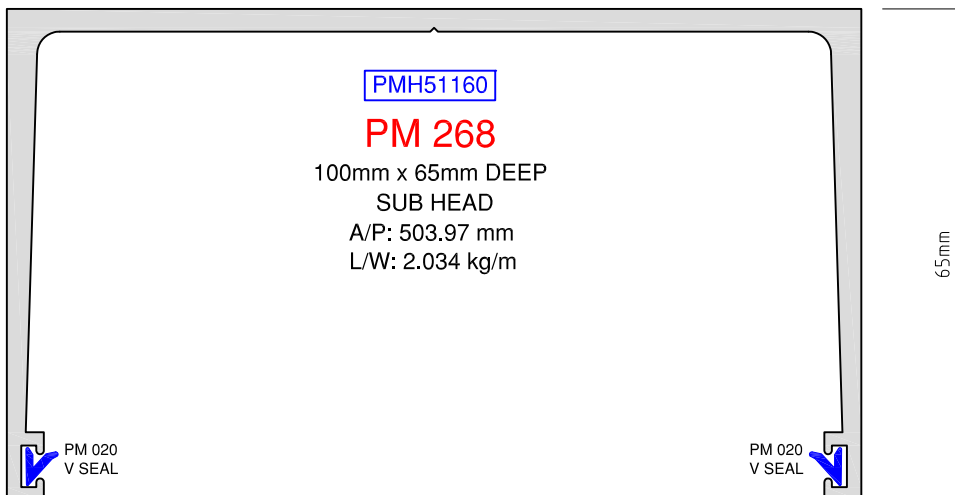
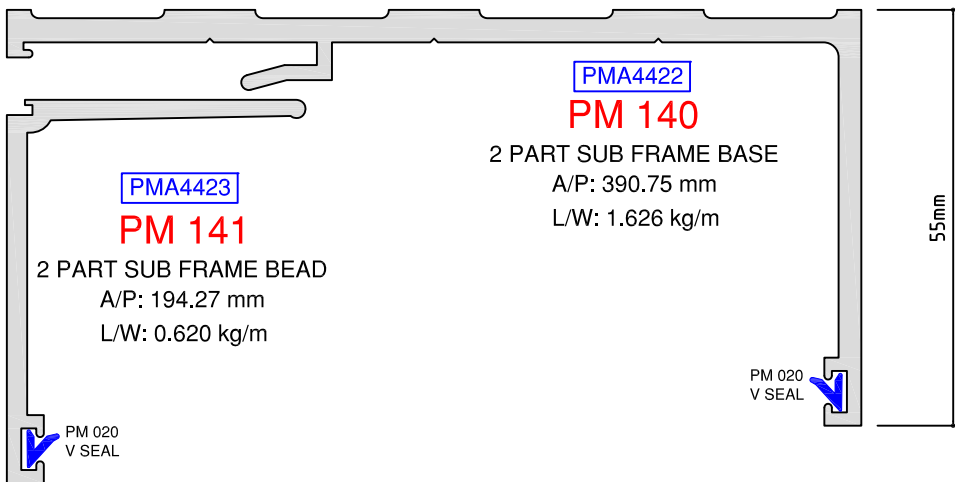
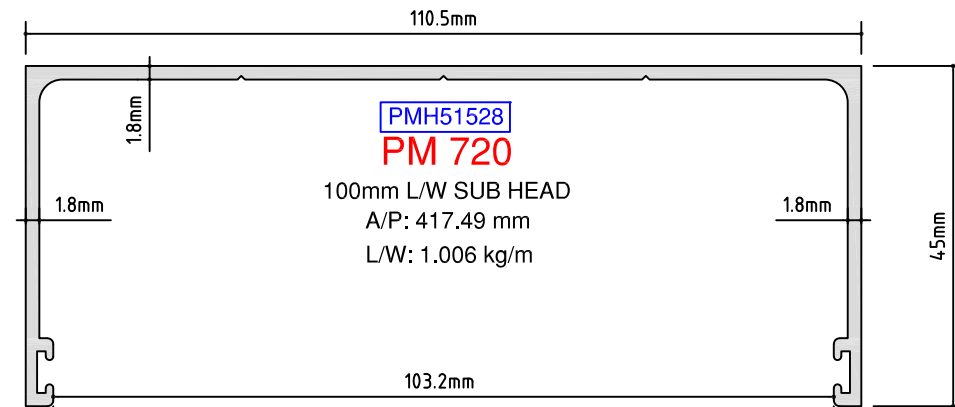
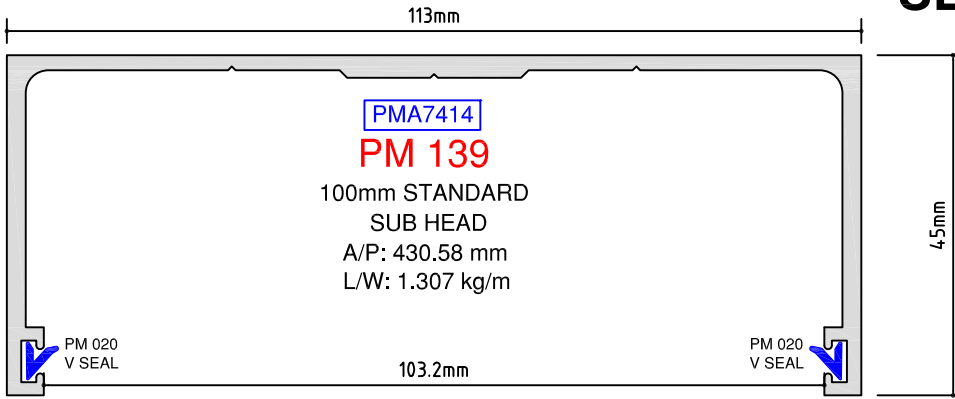
PM 227

PMH50166

100mm - 65mm DEEP SUB SILL (SLOTTED)
A/P: 600.11 mm
L/W: 1.786 kg/m

100mm - SUB FRAME SECTIONS

SCALE 1:1

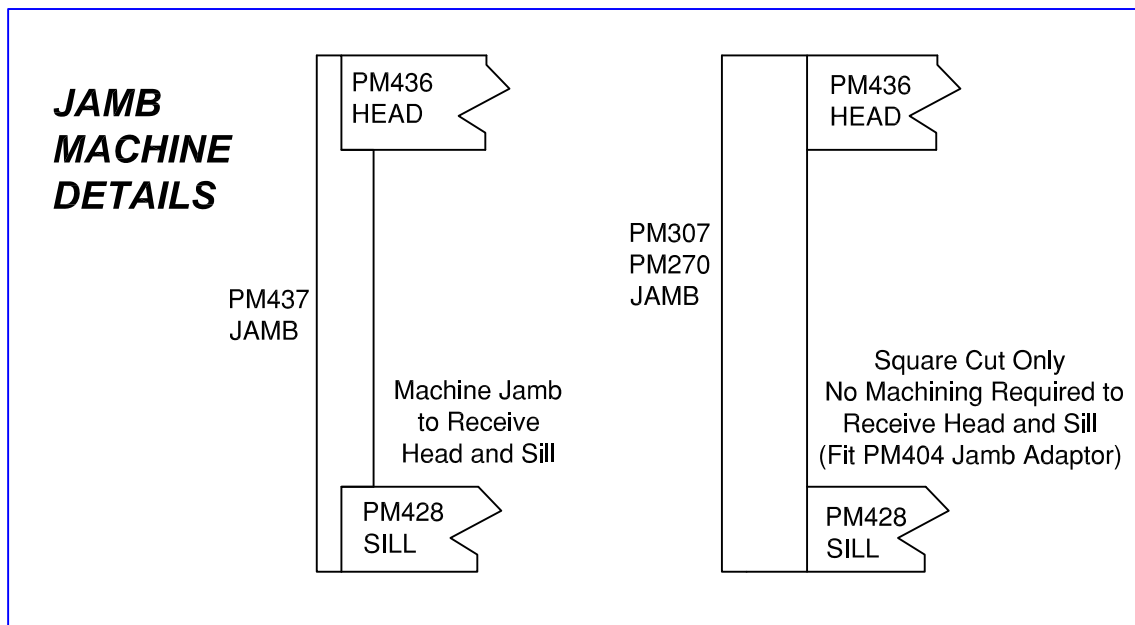
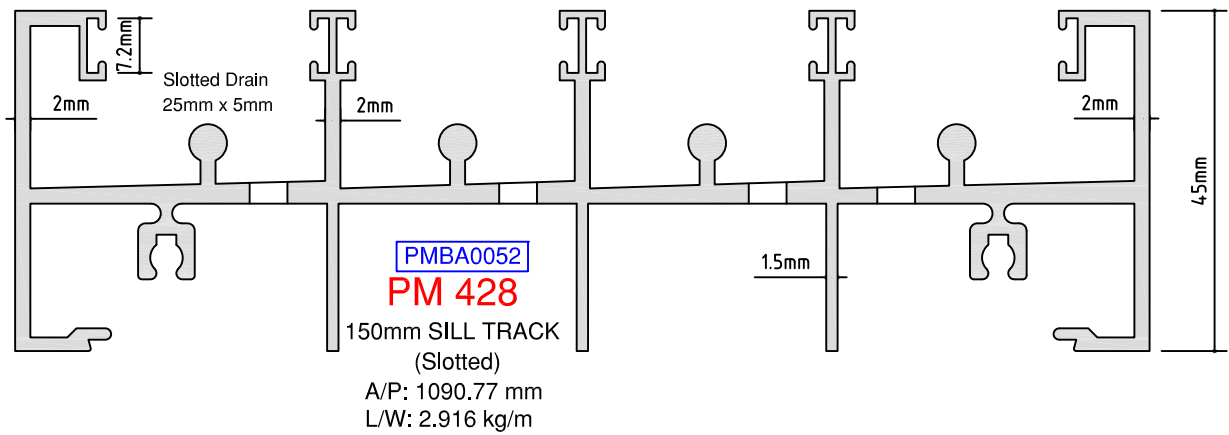
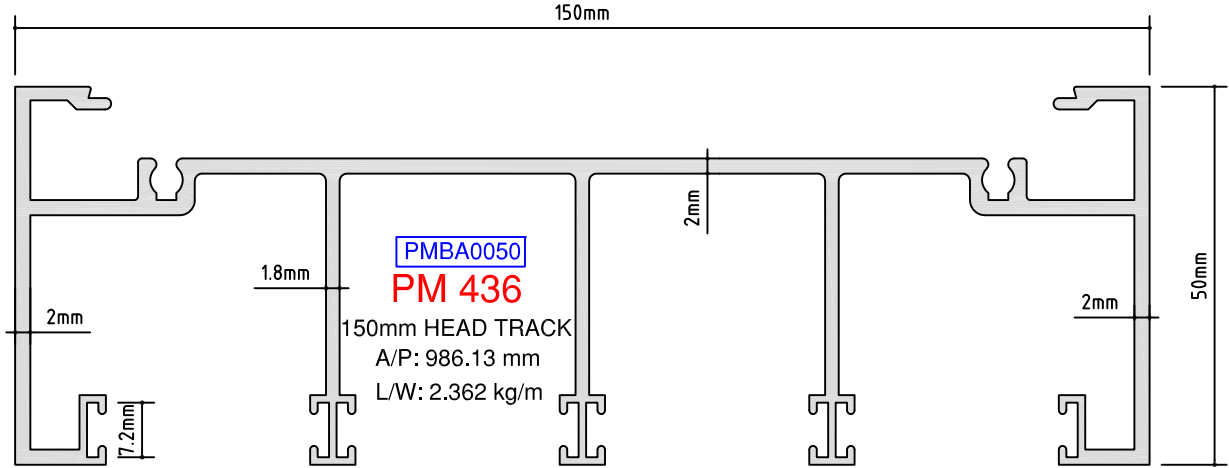


3005 SERIES DOORS

150mm - 4 TRACK

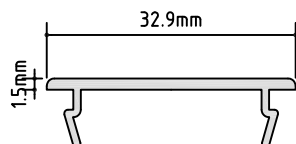
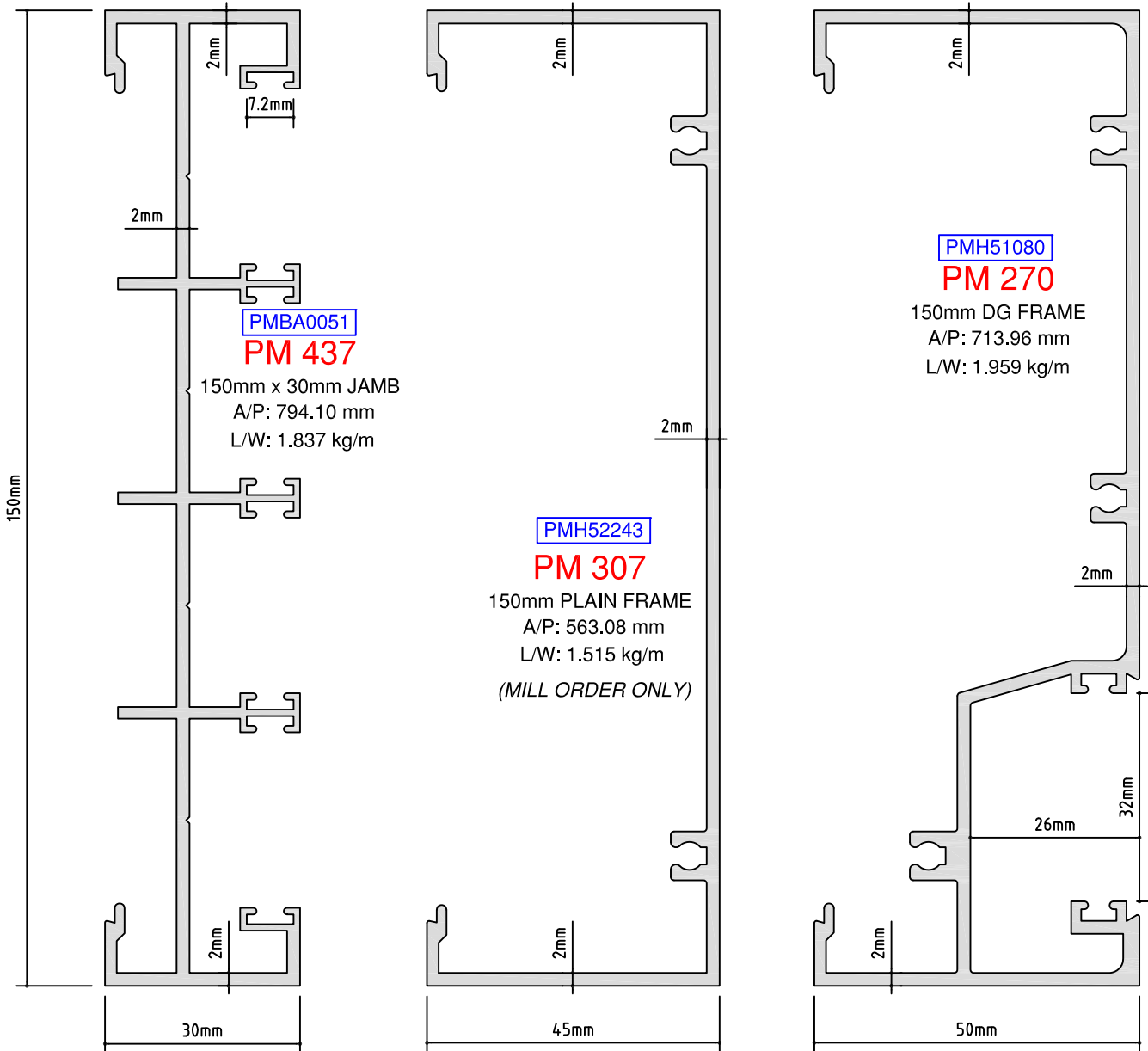
SLIDING DOOR SECTIONS

SCALE 1:1

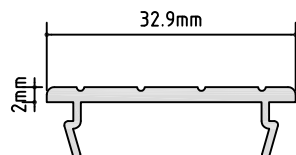


150mm - 4 TRACK SLIDING DOOR SECTIONS

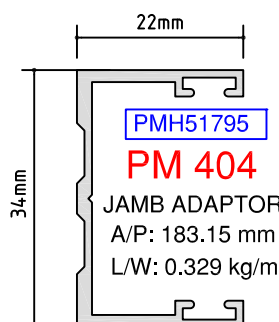
SCALE 1:1



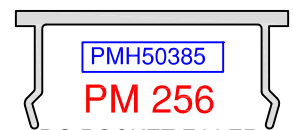
PMA6237
PM 405
PLAIN TRACK INFILL
A/P: 101.34 mm
L/W: 0.179 kg/m



PMBA0100
PM 416
TREAD THRESHOLD
A/P: 104.10 mm
L/W: 0.218 kg/m



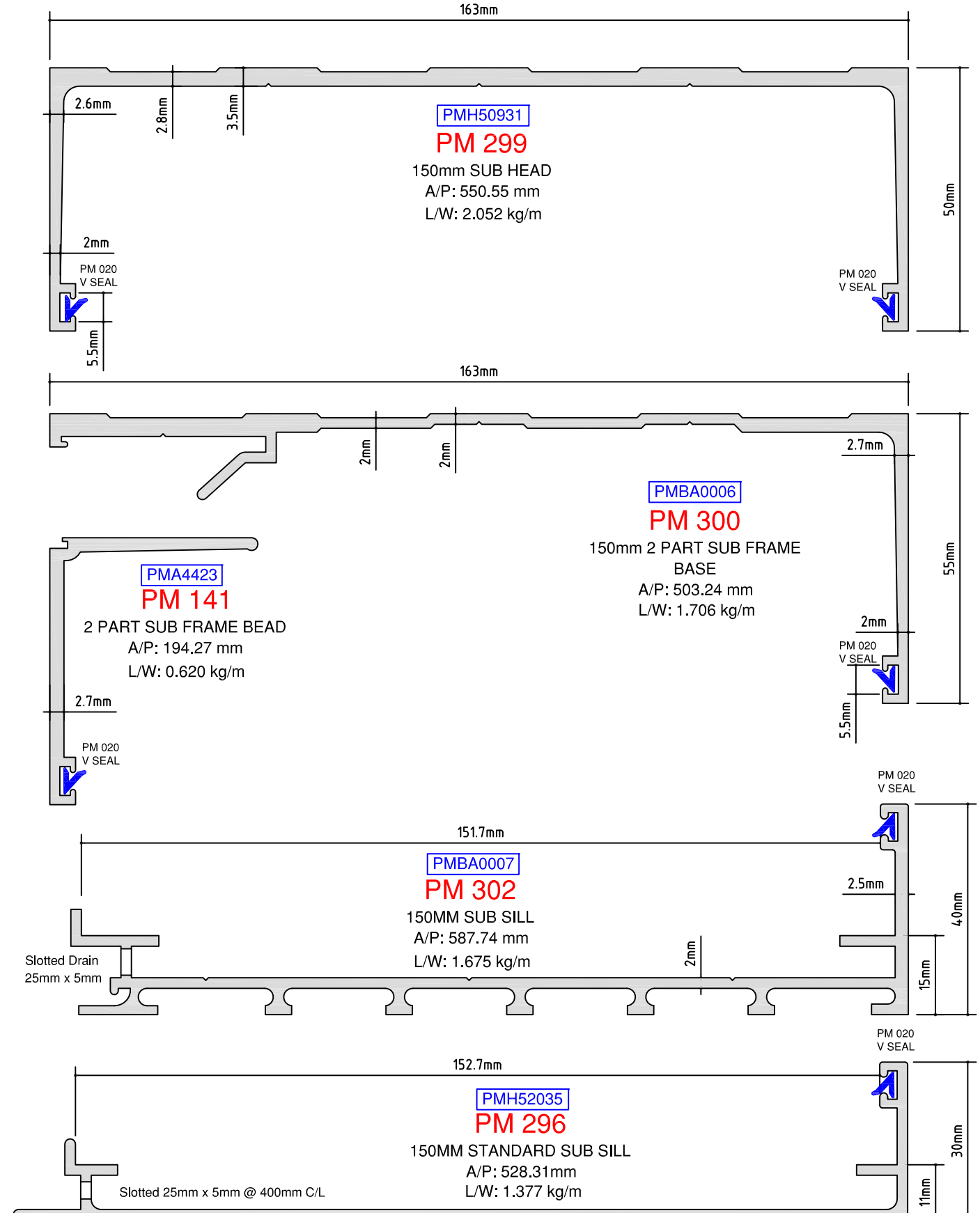
PMH51795
PM 404
JAMB ADAPTOR
A/P: 183.15 mm
L/W: 0.329 kg/m



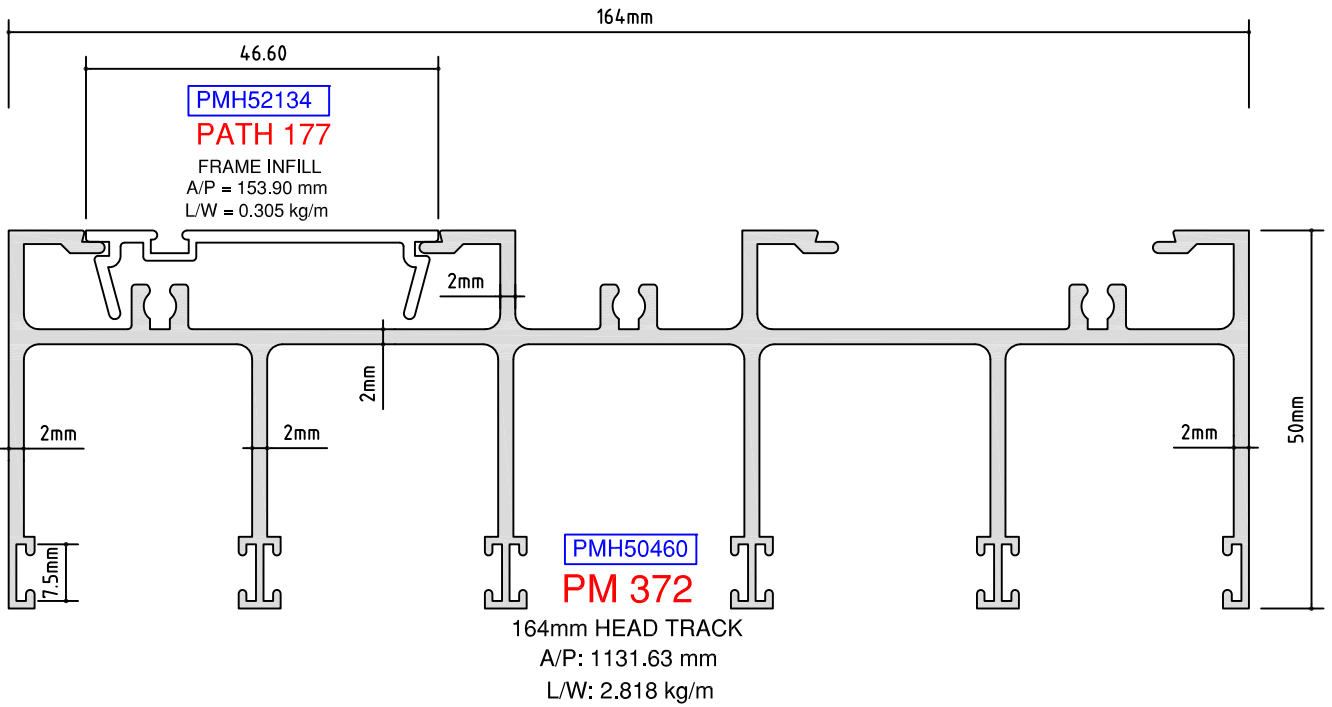
PMH50385
PM 256
DG POCKET FILLER
A/P: 129.91 mm
L/W: 0.254 kg/m

150mm - SUB FRAME SECTIONS

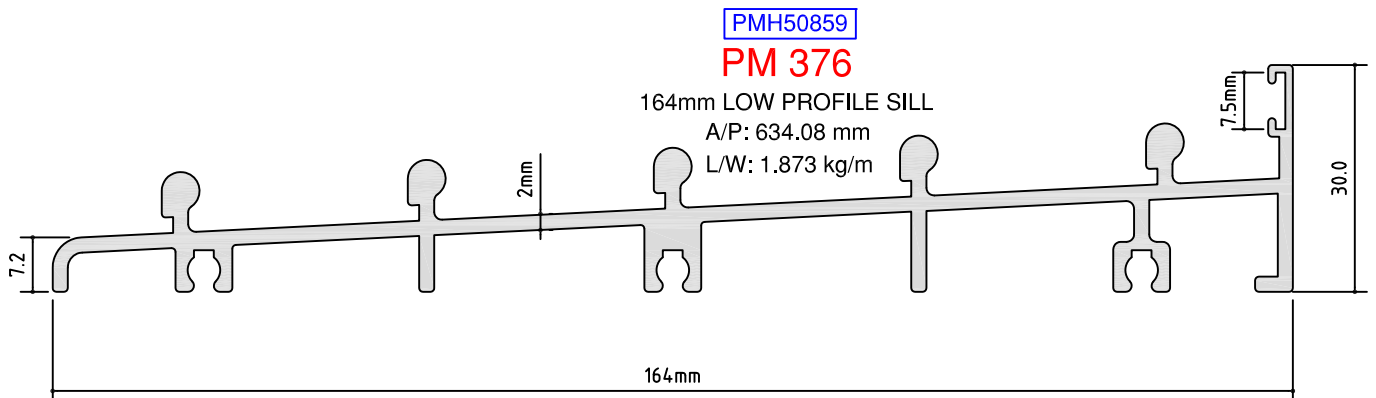
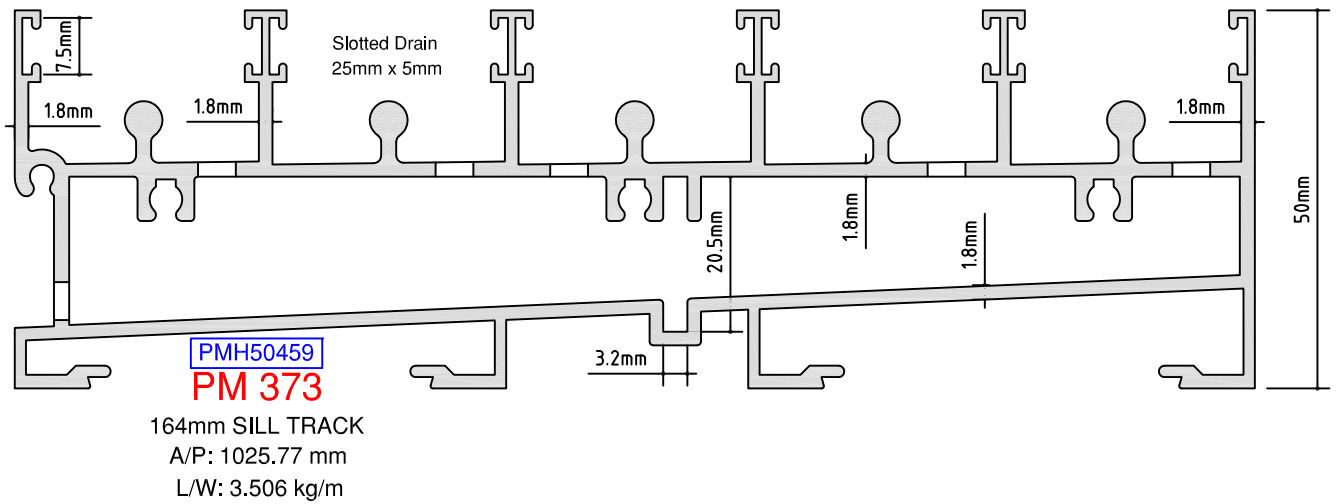
SCALE 1:1



164mm - 5 TRACK SLIDING DOOR SECTIONS



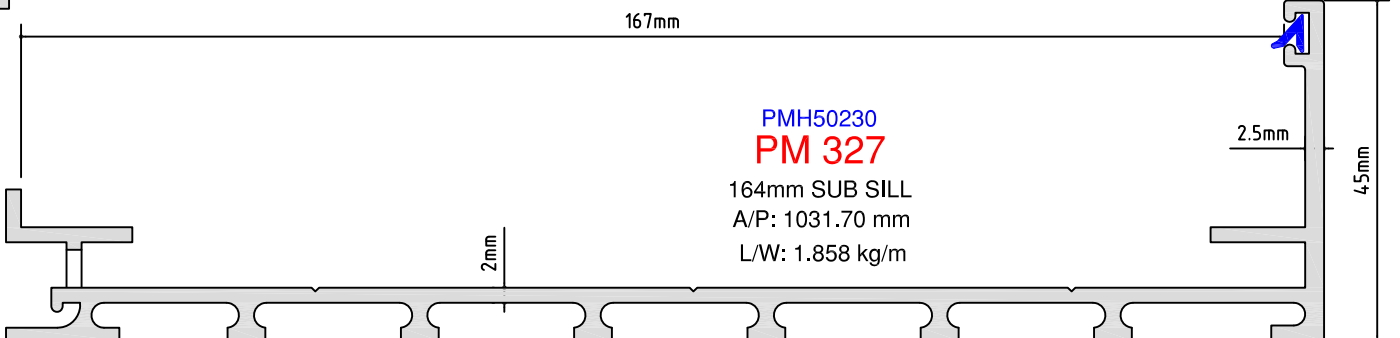
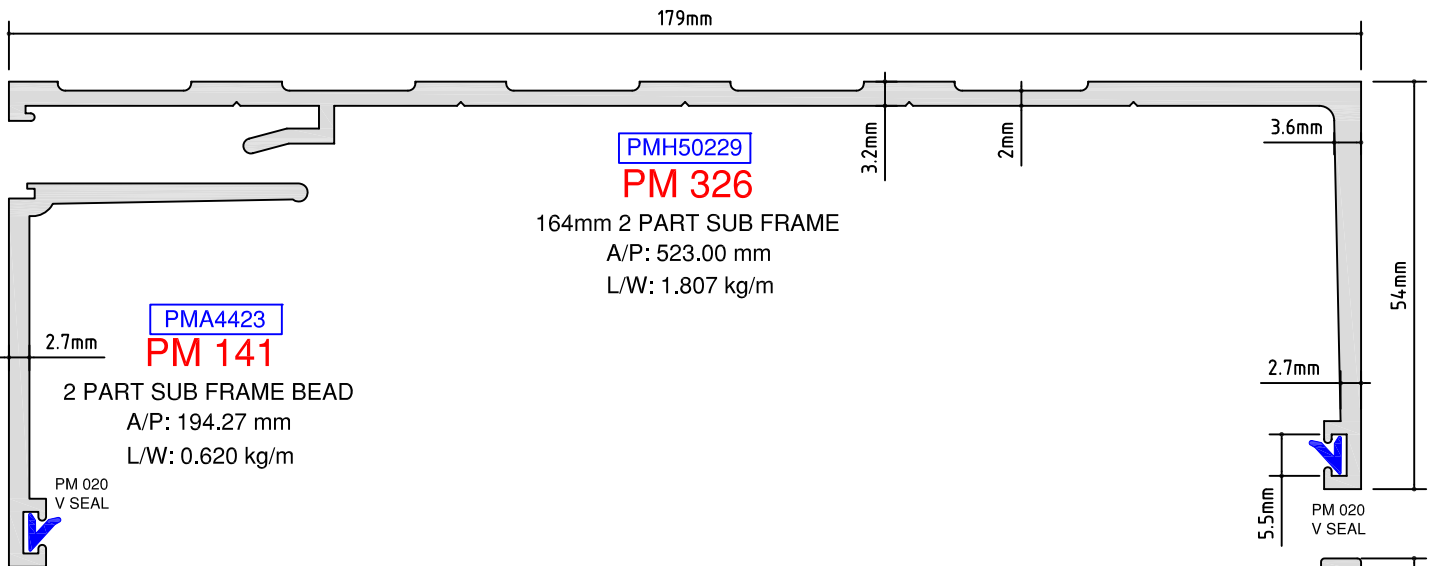
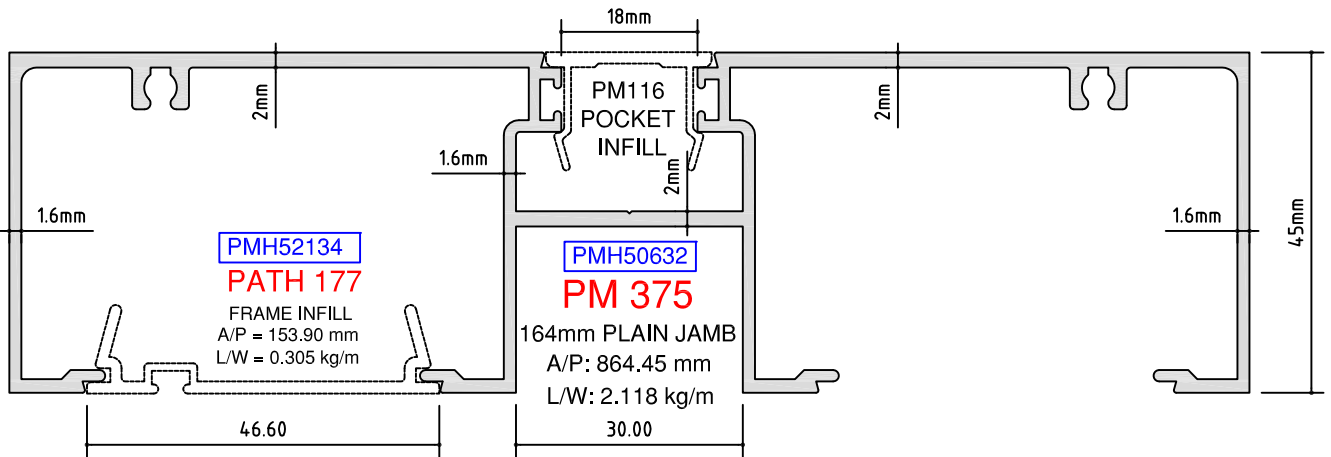
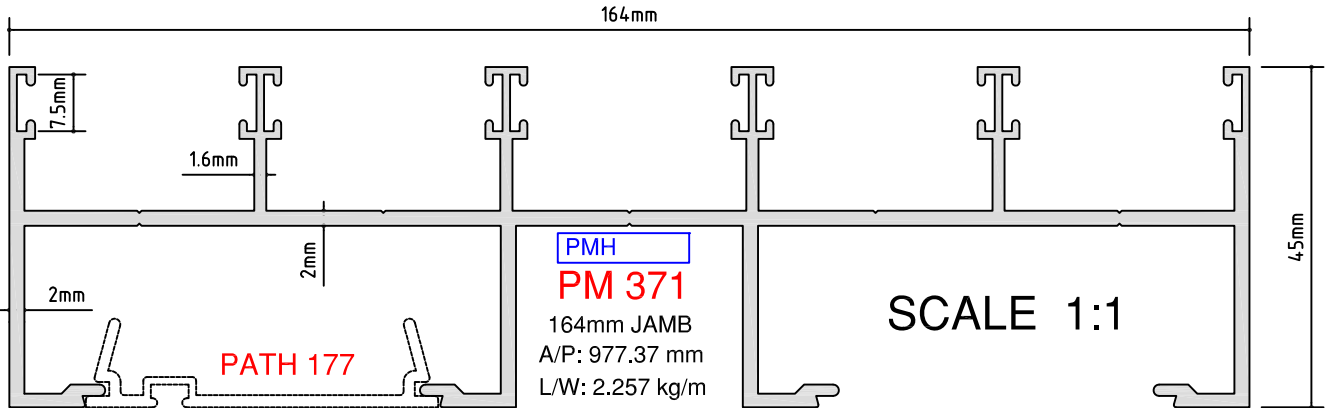
SCALE 1:1



3005 SERIES DOORS

164mm - 5 TRACK

SLIDING DOOR SECTIONS

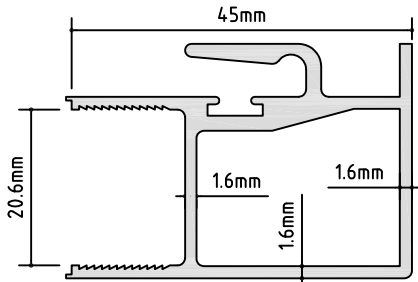


SLIDING SASH PROFILES

20.6mm POCKET

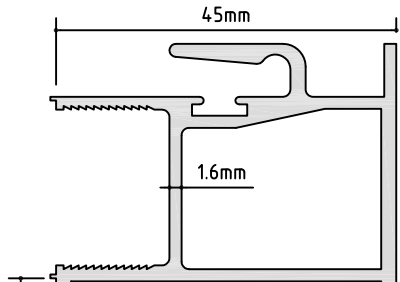
DOUBLE GLAZING to 18.76mm

SCALE 1:1



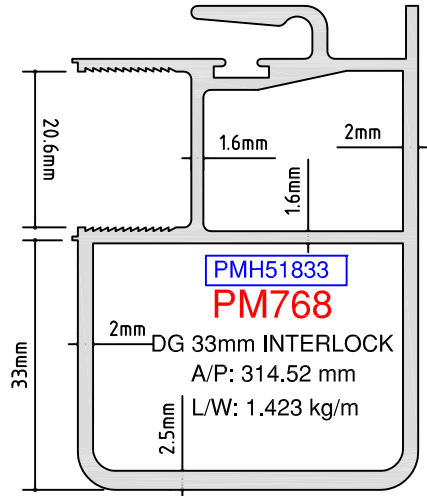
PMH51774
PM767

DG STANDARD INTERLOCK
 A/P: 252.38 mm
 L/W: 0.767 kg/m



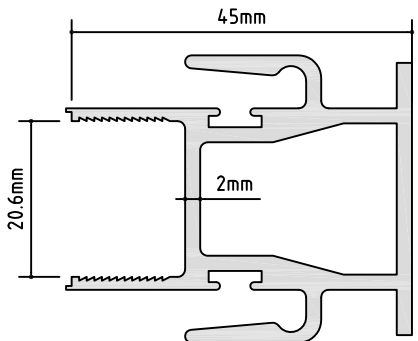
PMH52037
PM776

DG 66mm INTERLOCK
 A/P: 380.02 mm
 L/W: 1.780 kg/m



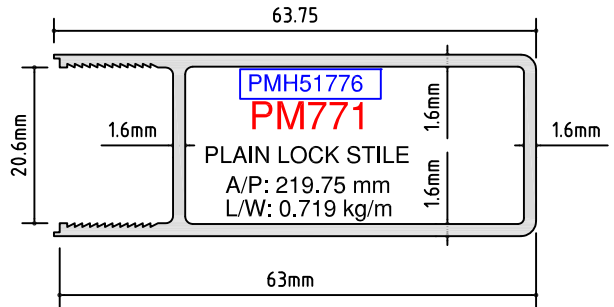
PMH51833
PM768

DG 33mm INTERLOCK
 A/P: 314.52 mm
 L/W: 1.423 kg/m



PMH52187
PM789

DOUBLE INTERLOCK
 A/P: 315.26 mm
 L/W: 1.093 kg/m



PMH51776
PM771

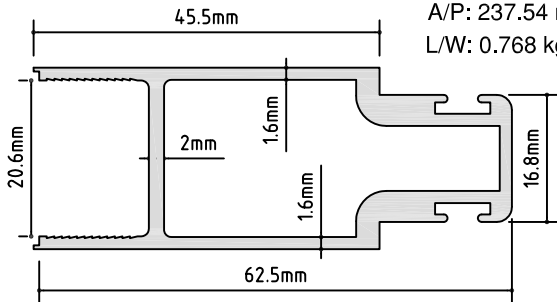
PLAIN LOCK STILE
 A/P: 219.75 mm
 L/W: 0.719 kg/m

PMH51920
PM769

MALE MEETING STILE
 A/P: 237.54 mm
 L/W: 0.768 kg/m

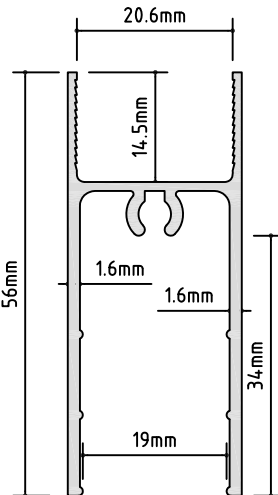
PMH51777
PM772

FEMALE MEETING STILE
 A/P: 253.08 mm
 L/W: 0.739 kg/m



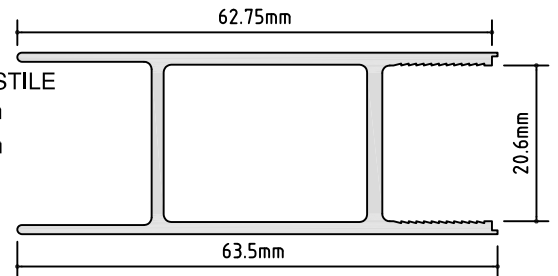
PM766

DG 33mm
 MALE MEETING STILE
 A/P: 292.35 mm
 L/W: 1.480 kg/m



PMH51779
PM774

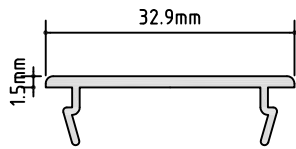
DG 56mm L/W RAIL
 A/P: 295.49 mm
 L/W: 0.612 kg/m



PMH51778
PM773

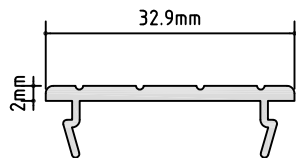
DG 33mm FEMALE
 MEETING STILE
 A/P: 314.79 mm
 L/W: 1.235 kg/m

SLIDING DOOR INFILLS & ADAPTORS



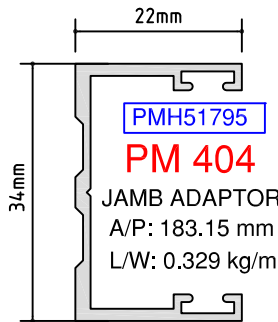
PMA6237
PM 405

PLAIN TRACK INFILL
 A/P: 101.34 mm
 L/W: 0.179 kg/m



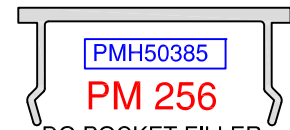
PMBA0100
PM 416

TREAD THRESHOLD
 A/P: 104.10 mm
 L/W: 0.218 kg/m



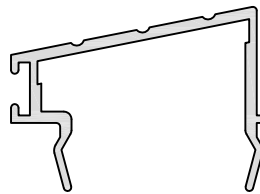
PMH51795
PM 404

JAMB ADAPTOR
 A/P: 183.15 mm
 L/W: 0.329 kg/m



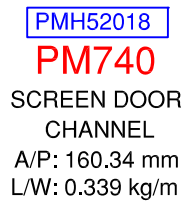
PMH50385
PM 256

DG POCKET FILLER
 A/P: 129.91 mm
 L/W: 0.254 kg/m



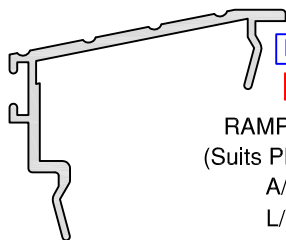
PMBA0101
PM 440

RAMPED THRESHOLD
 (Suits PM400 High Rise Sill)
 A/P: 172.31 mm
 L/W: 0.298 kg/m



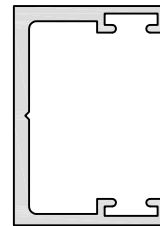
PMH52018
PM 740

SCREEN DOOR
 CHANNEL
 A/P: 160.34 mm
 L/W: 0.339 kg/m



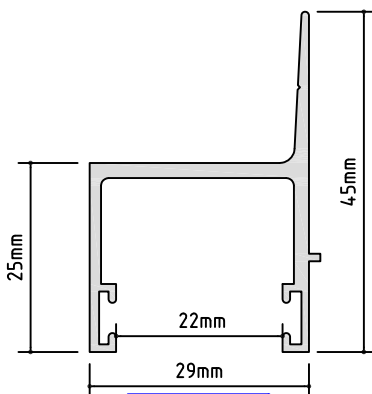
PMBA0102
PM 449

RAMPED THRESHOLD
 (Suits PM400 High Rise Sill)
 A/P: 174.52 mm
 L/W: 0.297 kg/m



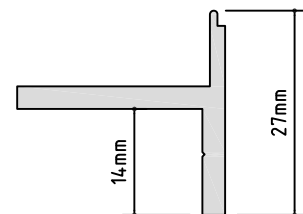
PMH51798
PM 447

SINGLE SILL TRACK
 ADAPTOR
 A/P: 204.15 mm
 L/W: 0.438 kg/m



PMH51797
PM 445

SINGLE HEAD TRACK
 ADAPTOR
 A/P: 221.01 mm
 L/W: 0.473 kg/m



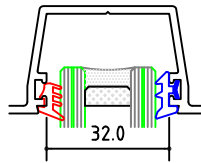
PMBA1224
PM 448

TRACK SUPPORT
 A/P: 108.82 mm
 L/W: 0.385 kg/m

GLAZING DETAILS

ROLL IN WEDGE + ROLL IN WEDGE









Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM004	PM004
10.38mm		
12.00mm	PM006	PM007
12.50mm		
14mm DGU	PM005	PM007
16mm DGU	PM005	PM005
18mm DGU	PM008	PM008



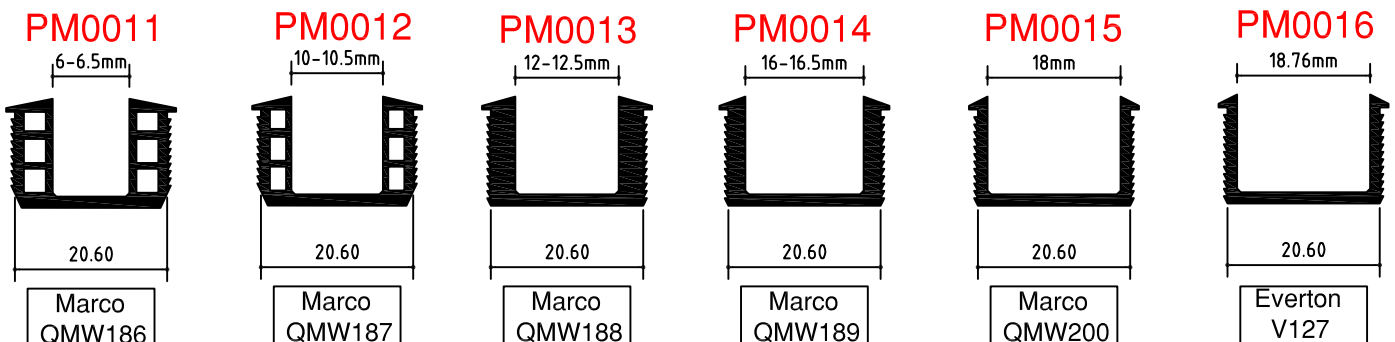
CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Roll-in Wedge	Roll-in Wedge
10.00mm	PM001	PM004
10.38mm		
12.00mm	PM001	PM007
12.50mm		
14mm DGU	PM002	PM006
16mm DGU	PM002	PM005
18mm DGU	PM003	PM008

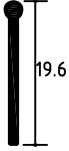

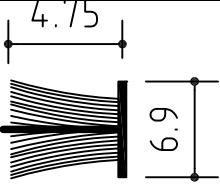
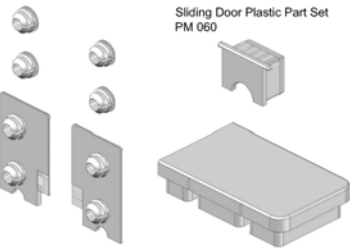
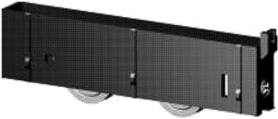
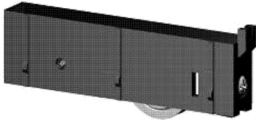
WEDGE TYPES (P.V.C MATERIAL)

							
White Back	Red Back	Blue Back					
Captive	Captive	Captive	Roll in	Roll in	Roll in	Roll in	Roll in
Part No:	Part No:	Part No:	Part No:	Part No:	Part No:	Part No:	Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

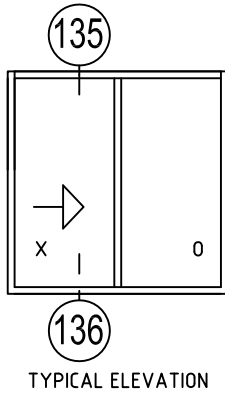
SASH GLAZING CHANNELS



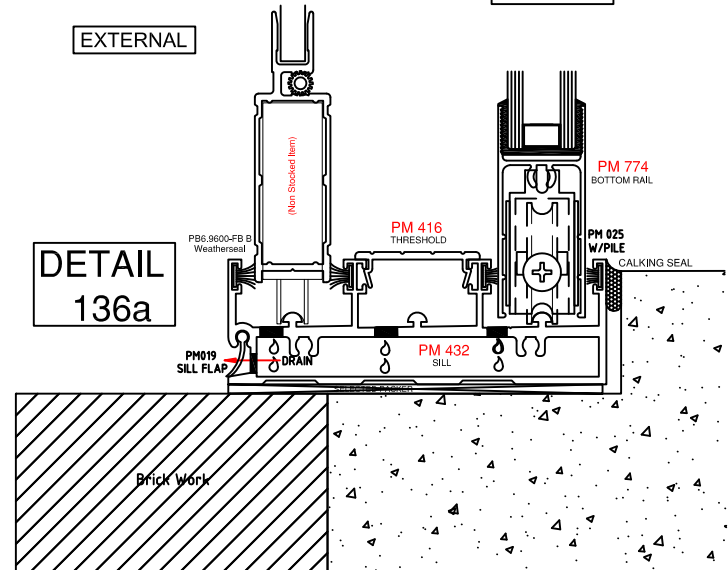
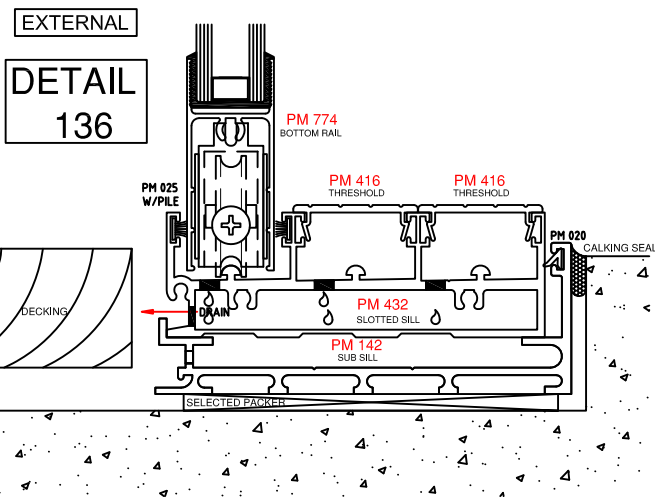
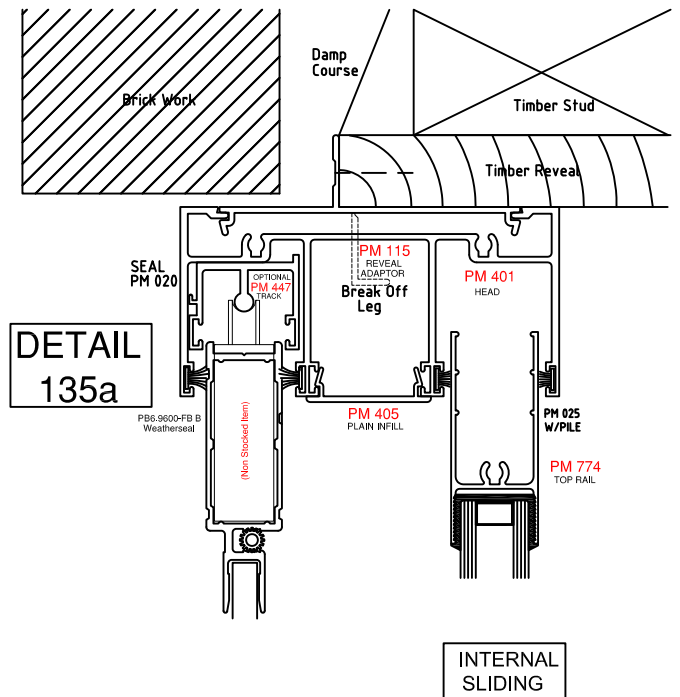
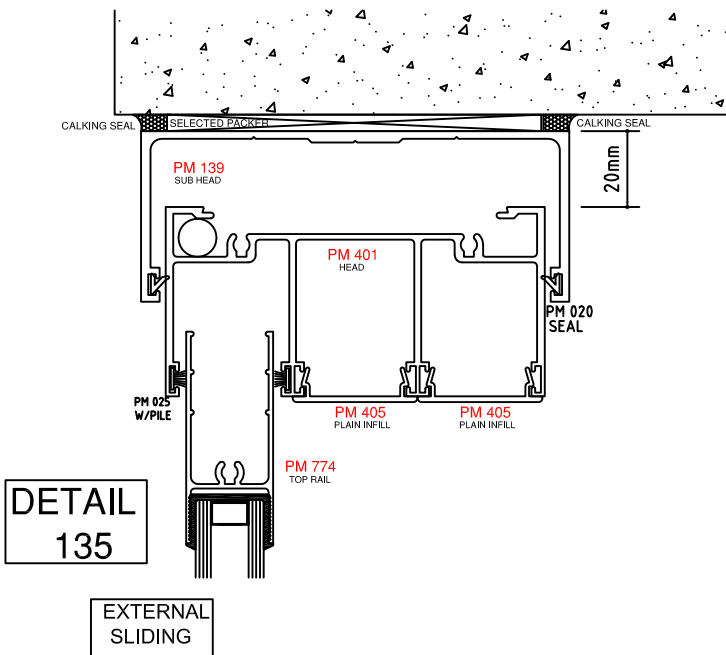
COMPONENTS

SHAPE	PART No:	FITS TO SECTIONS
	<p>PM019 19.6mm SILL FLAP</p>	<p>PM138, PM280</p>
	<p>PM020 MULLION / SUB FRAME V SEAL</p>	<p>PM138, PM139, PM140, PM141, PM142 , PM145, PM232, PM233, PM706, PM720</p>
	<p>PM 025 FINNED WOOL PILE</p>	<p>PM264, PM280, PM371, PM372, PM373, PM376, PM398, PM399, PM400, PM401, PM404, PM406, PM412, PM417, PM428, PM432, PM436, PM437, PM767, PM768, PM769, PM789</p>
 <p>Sliding Door Plastic Part Set PM 060</p>	<p>PM 060 3006 SERIES SASH PLASTIC PART SET</p>	<p>PM766, PM767, PM768, PM769, PM771, PM772, PM773, PM789</p>
	<p>PM 065 100kg DOUBLE WHEEL ROLLER</p>	<p>PM774</p>
	<p>PM 066 50kg SINGLE WHEEL ROLLER</p>	<p>PM774</p>

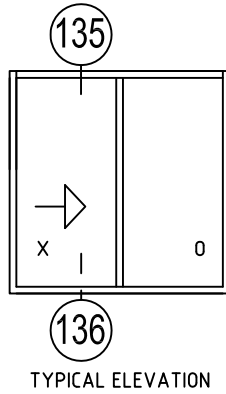
100mm x 45mm - 3 TRACK SLIDING DOOR INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS



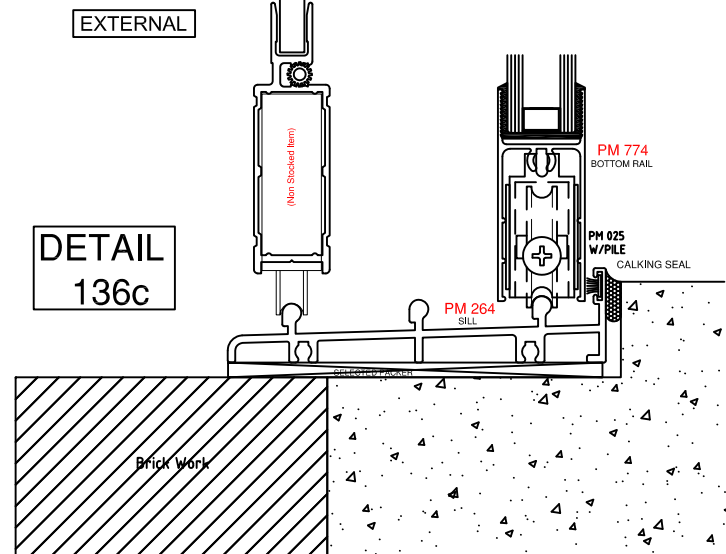
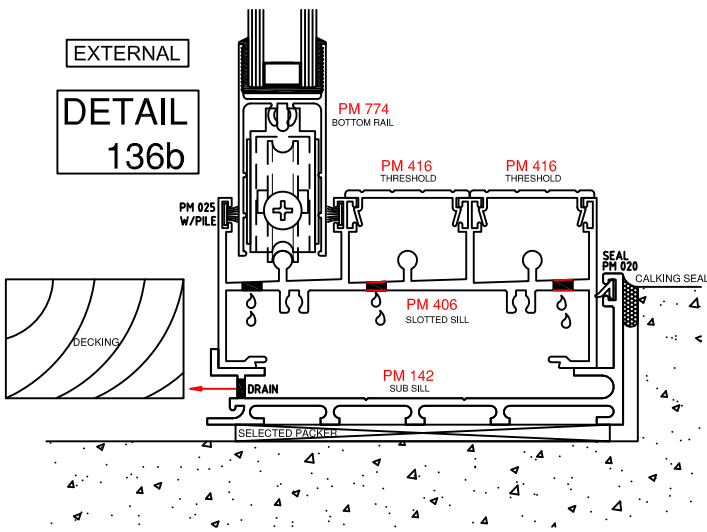
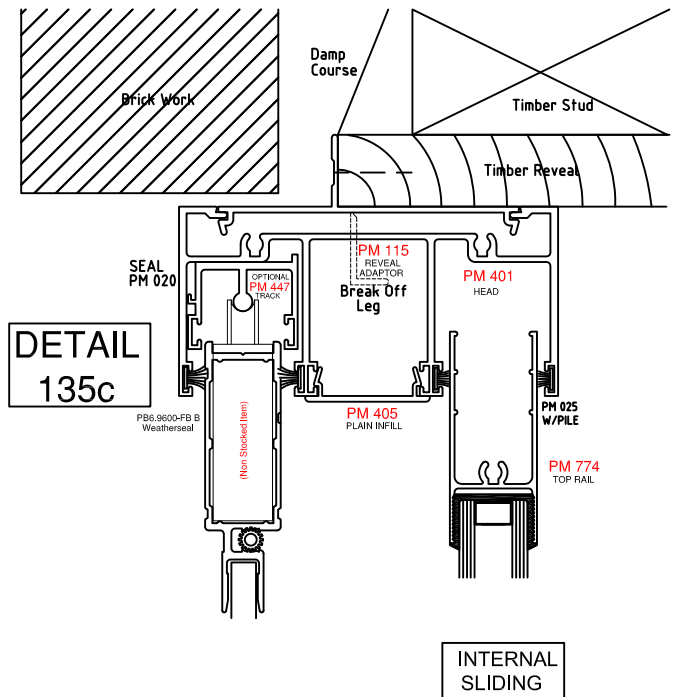
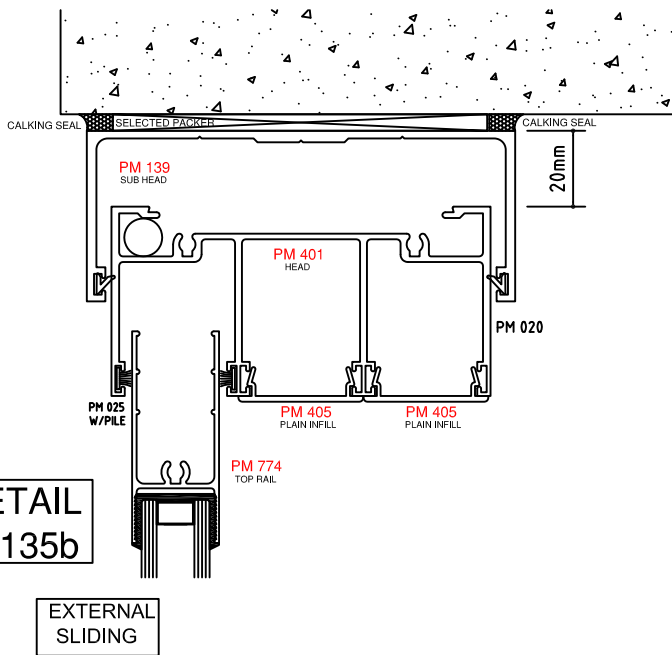
SCALE 1:2



100mm x 45mm - 3 TRACK SLIDING DOOR INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS

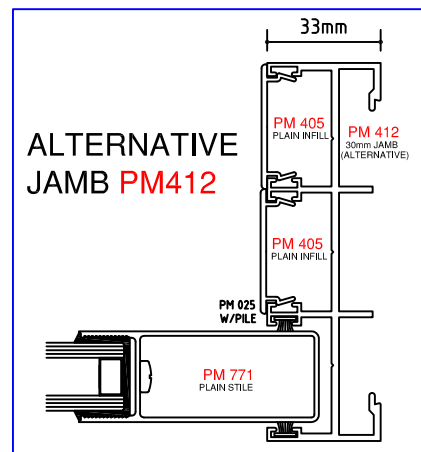
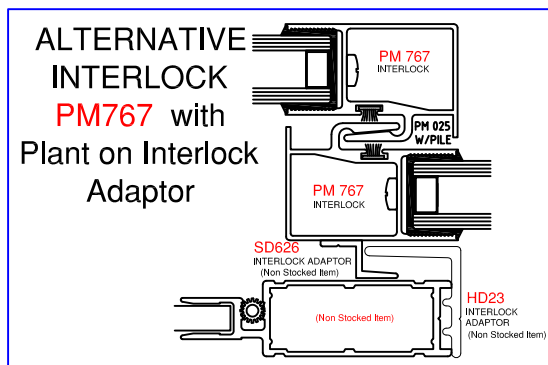
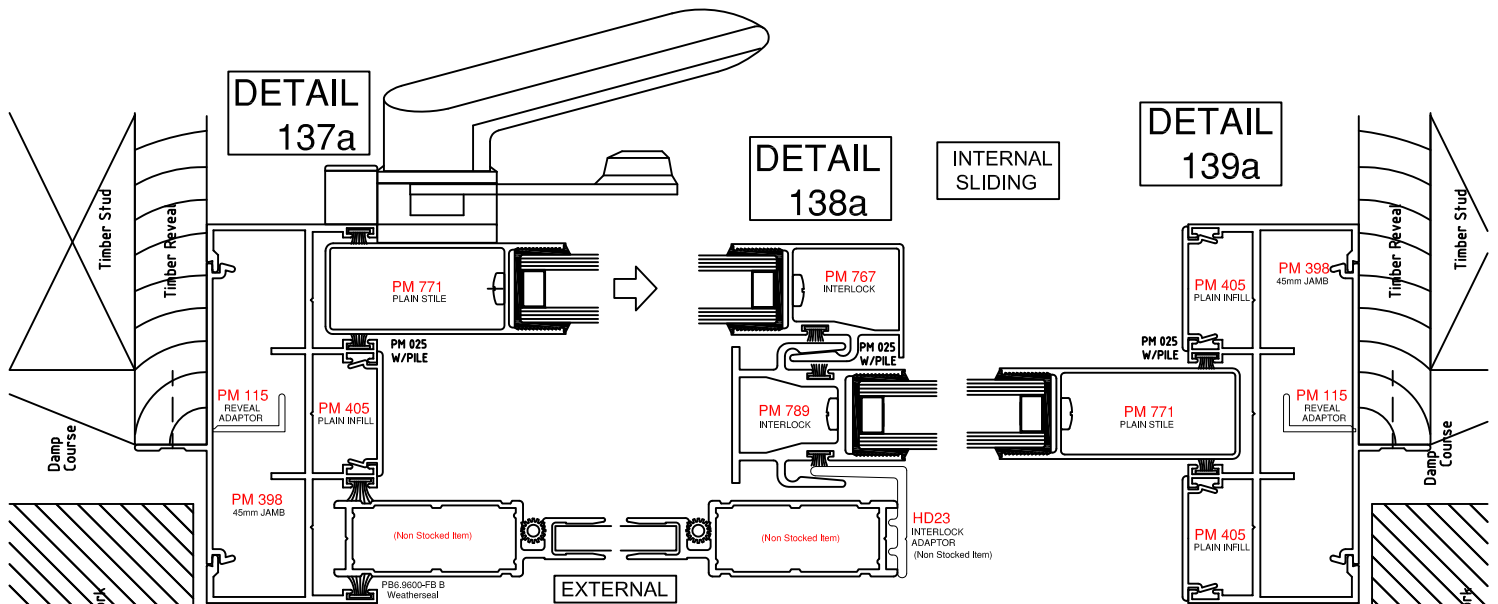
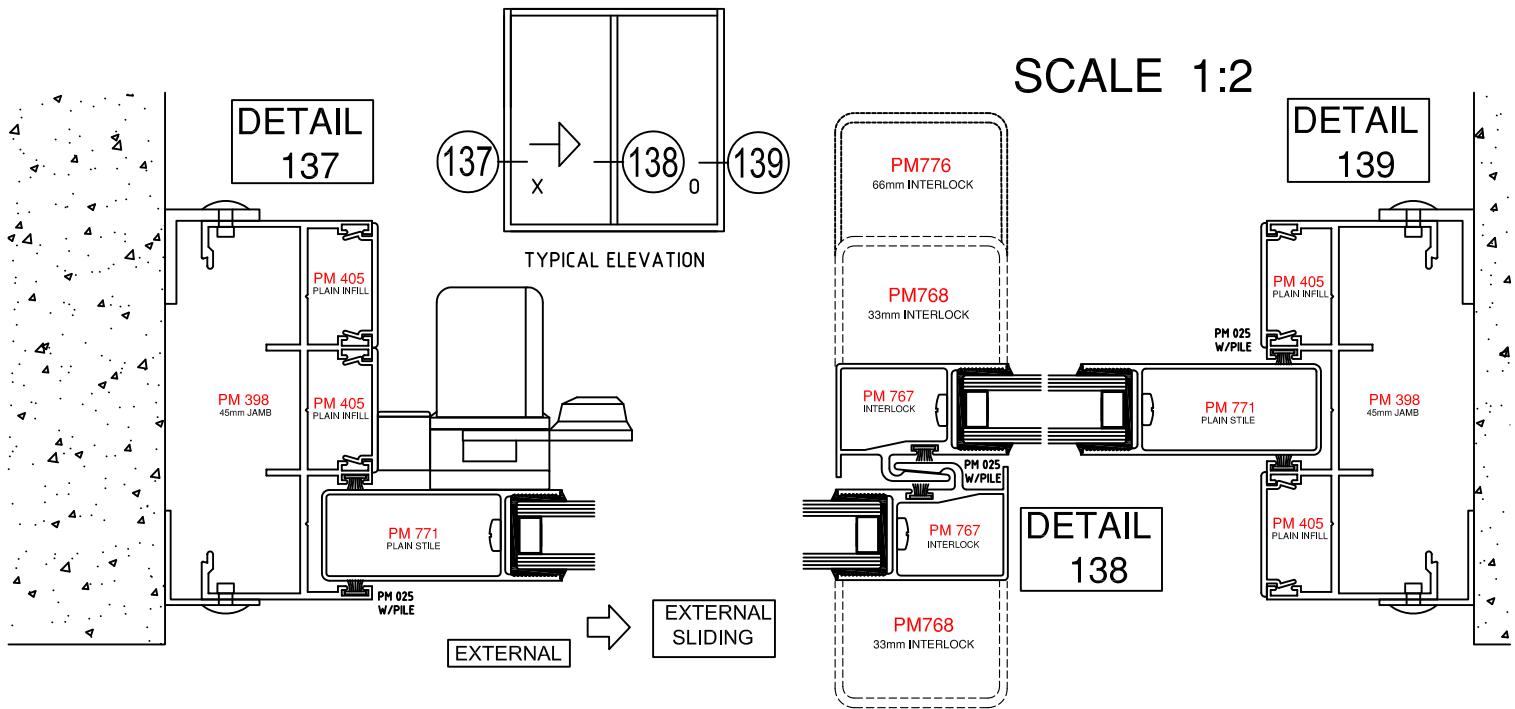


SCALE 1:2



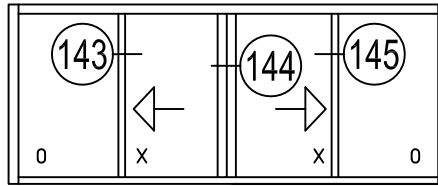
100mm x 45mm - 3 TRACK SLIDING DOOR INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS

SCALE 1:2

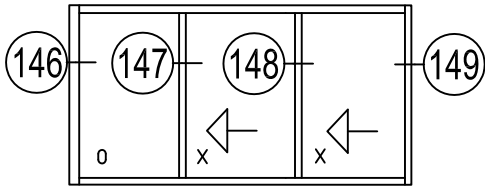
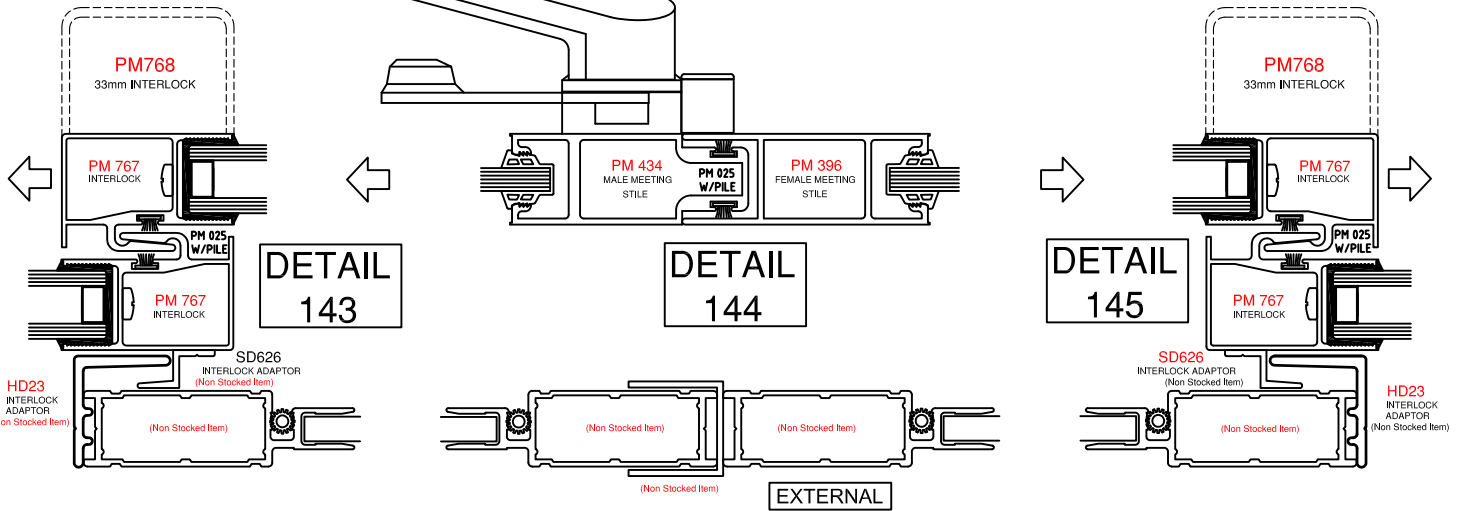


100mm x 45mm - 3 TRACK SLIDING DOOR DETAILS

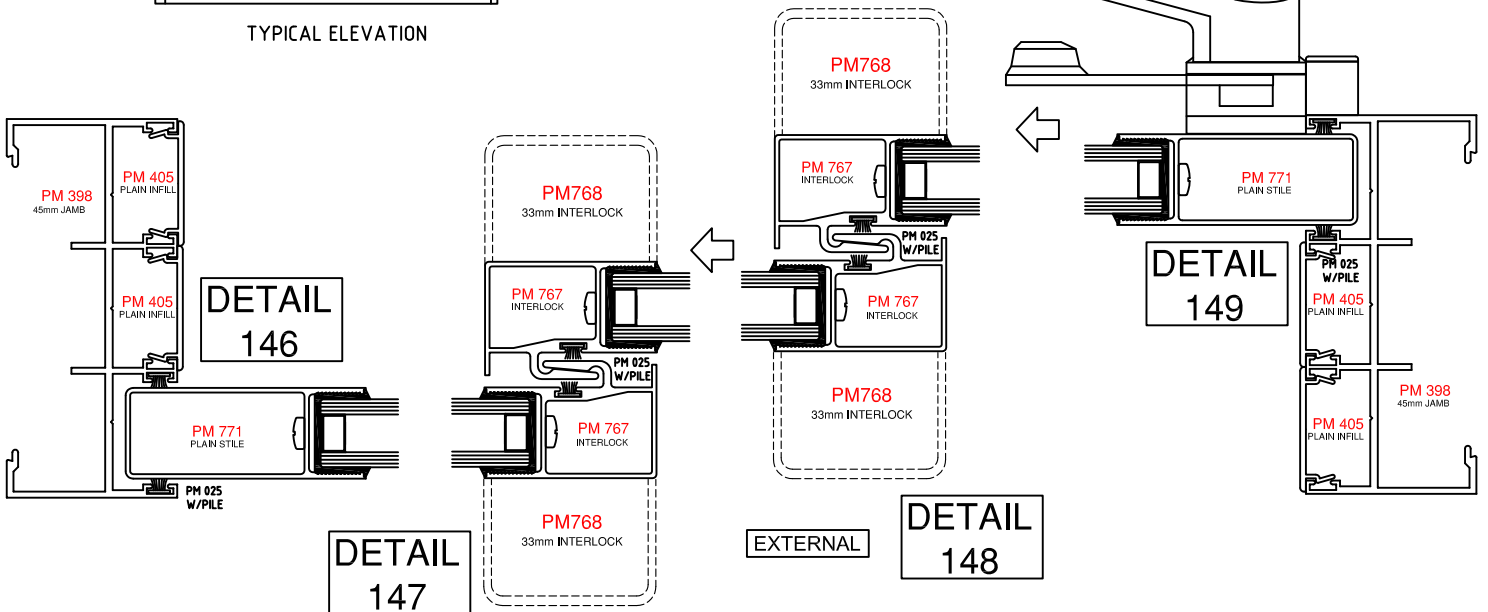
SCALE 1:2



TYPICAL ELEVATION

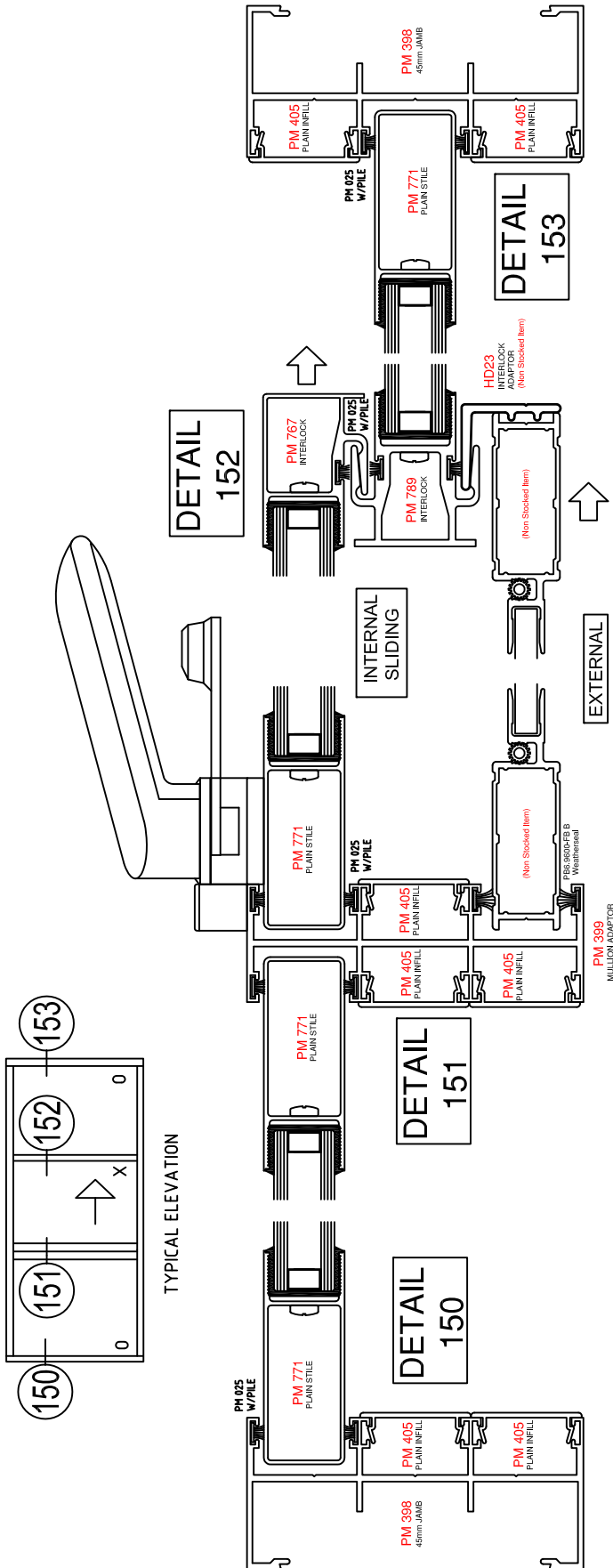


TYPICAL ELEVATION

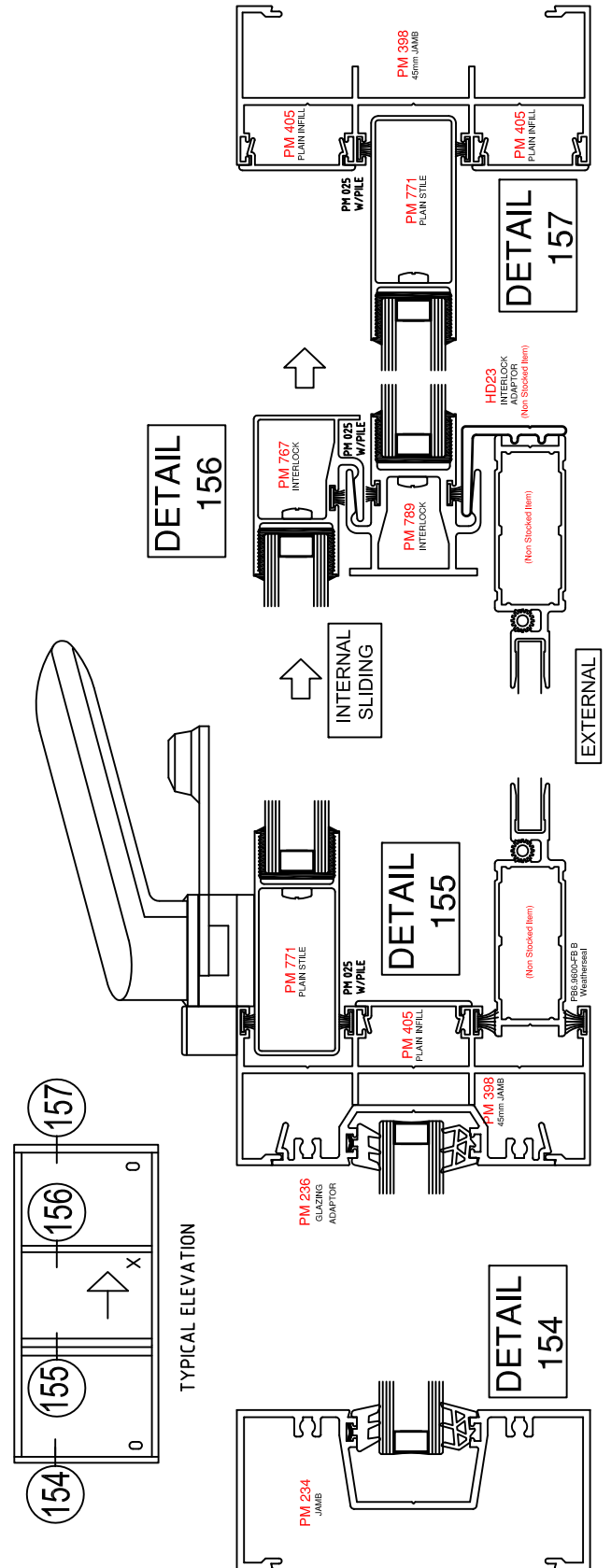


100mm x 45mm - 3 TRACK SLIDING DOOR DETAILS

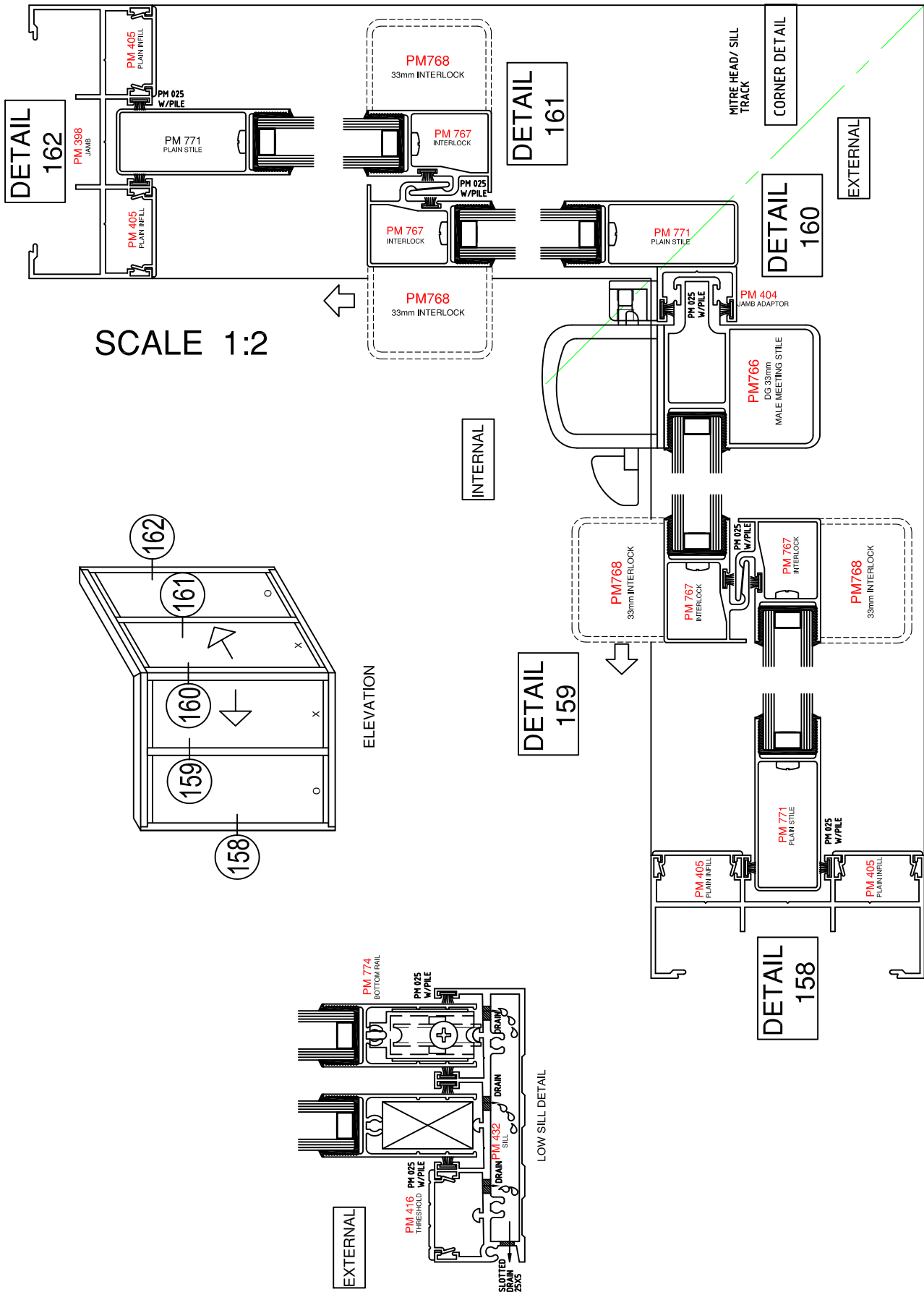
SCALE 1:2



3005 SERIES DOORS

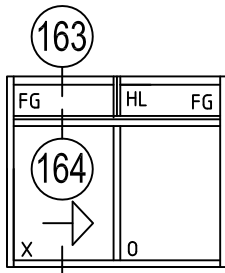


100mm x 45mm - 3 TRACK SLIDING DOOR DETAILS



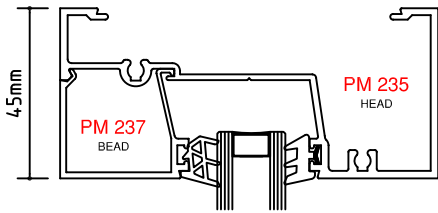
100mm x 45mm - 3 TRACK SLIDING DOOR DETAILS

SCALE 1:2

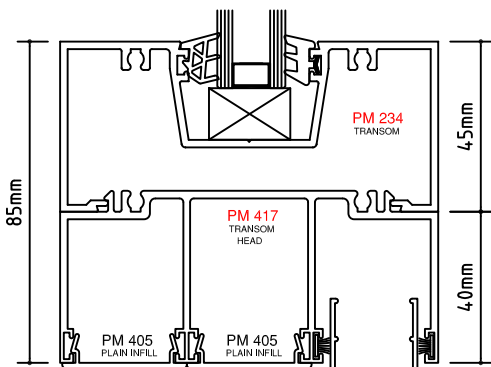
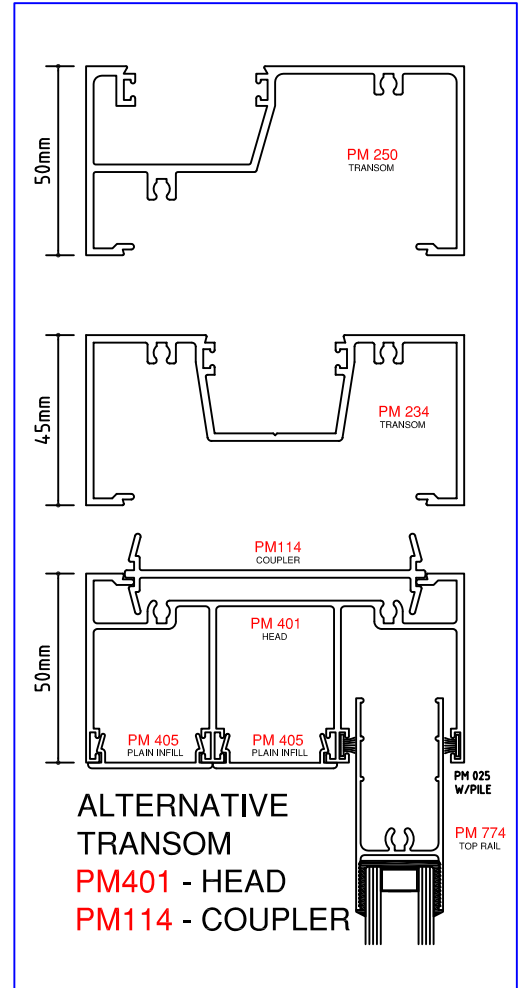
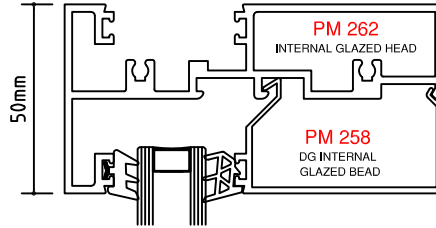


165 TYPICAL ELEVATION
HIGH LITE

DETAIL
163

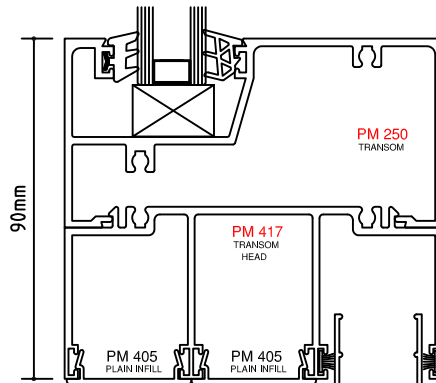


DETAIL
163a



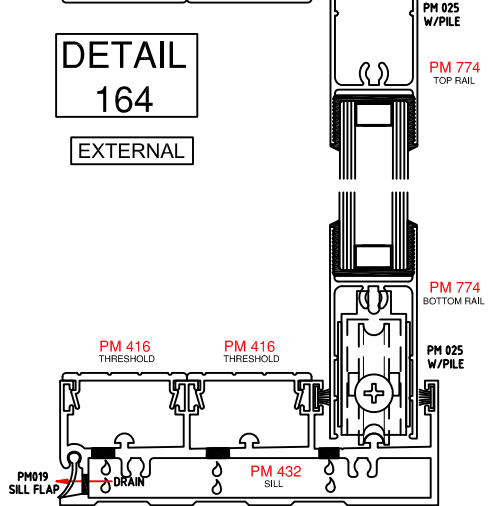
DETAIL
164

EXTERNAL

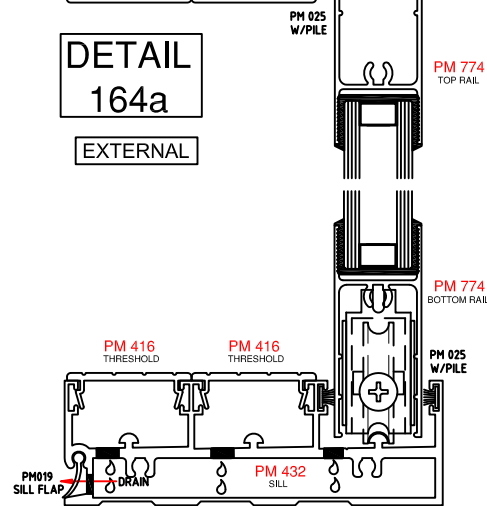


DETAIL
164a

EXTERNAL



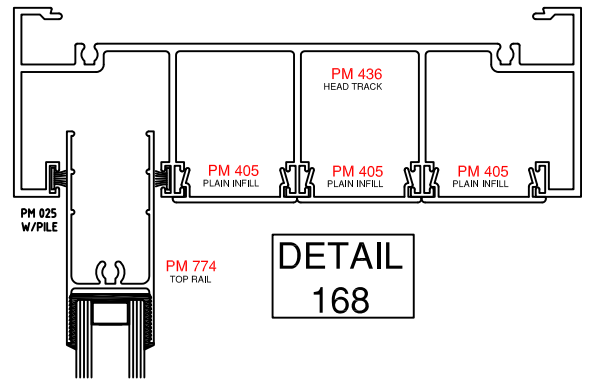
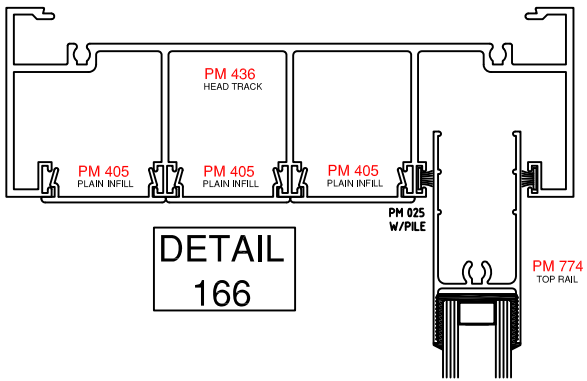
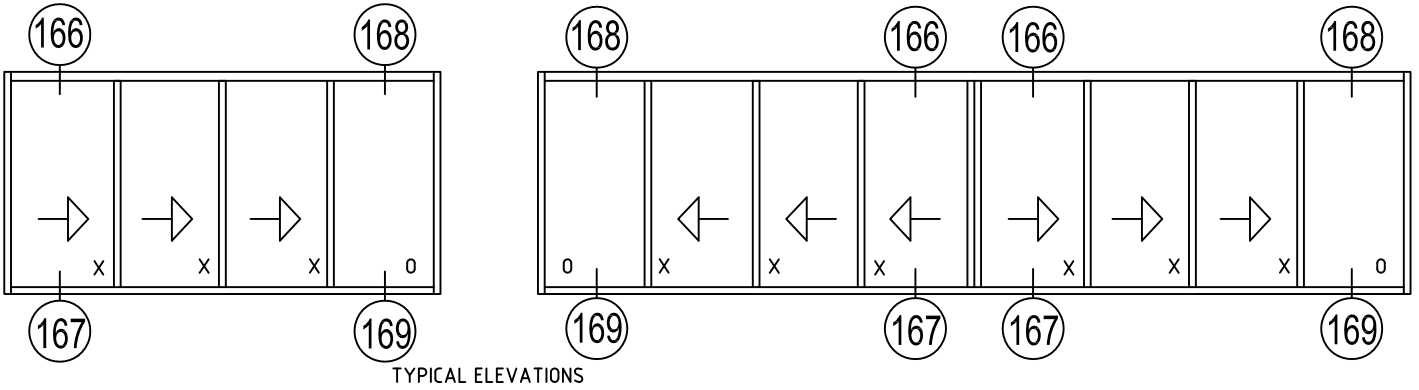
DETAIL
165



DETAIL
165a

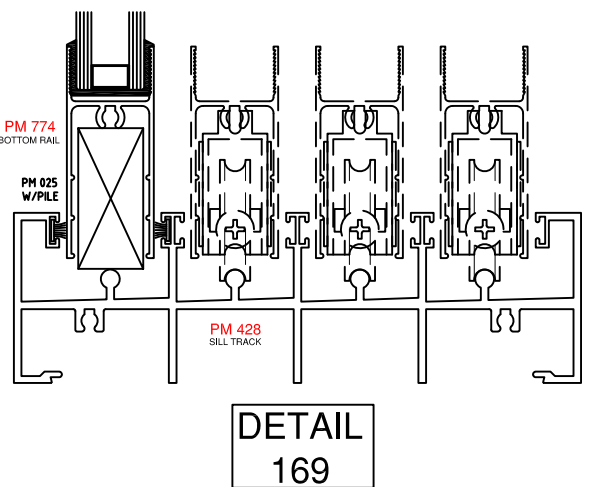
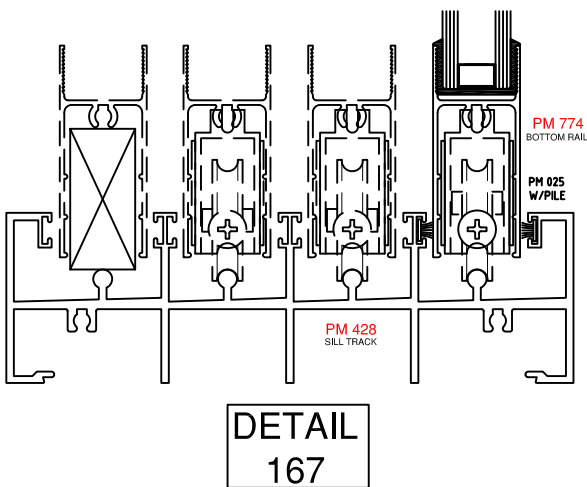
150mm x 45mm - 4 TRACK SLIDING DOOR DETAILS

SCALE 1:2



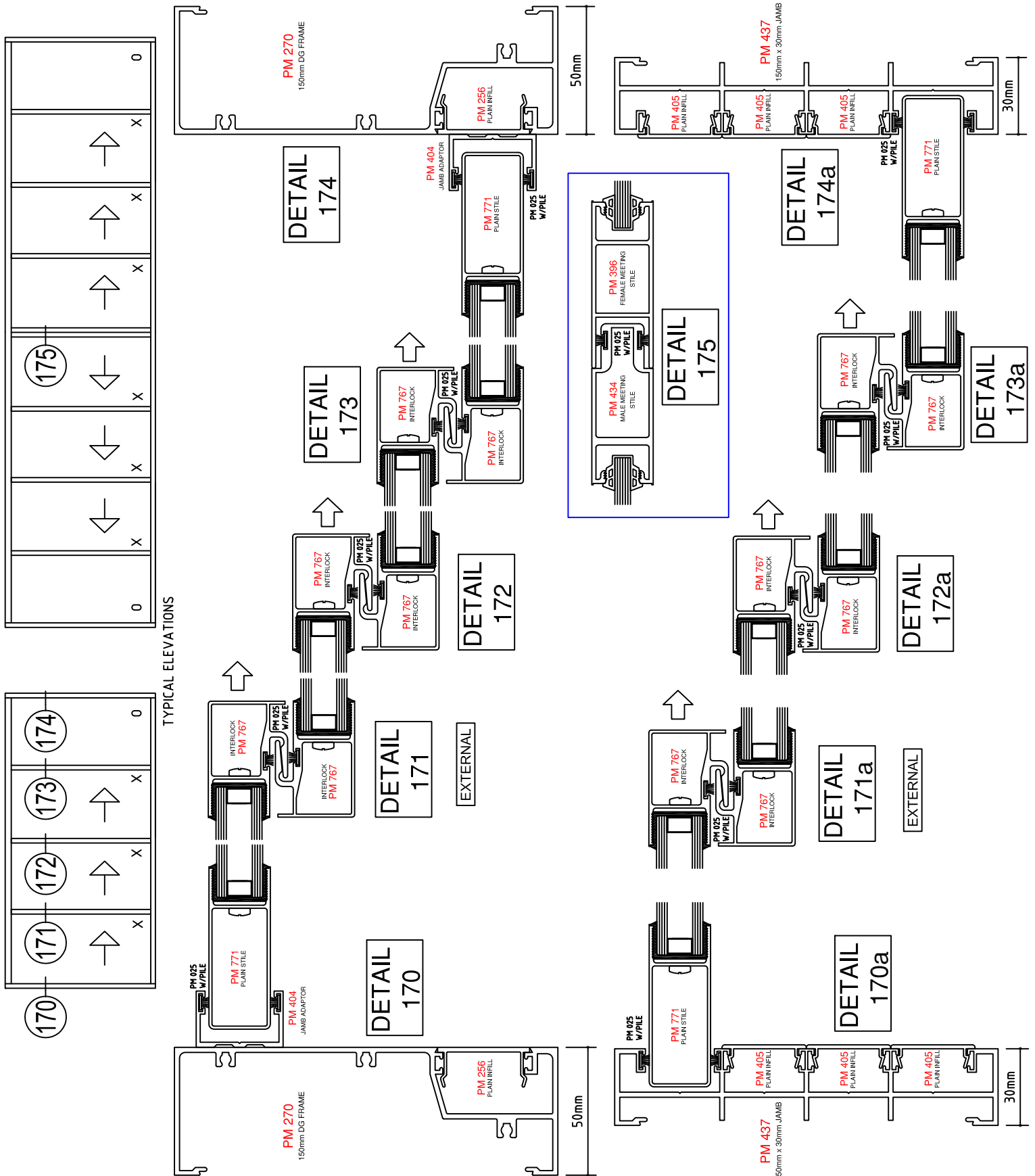
EXTERNAL

EXTERNAL

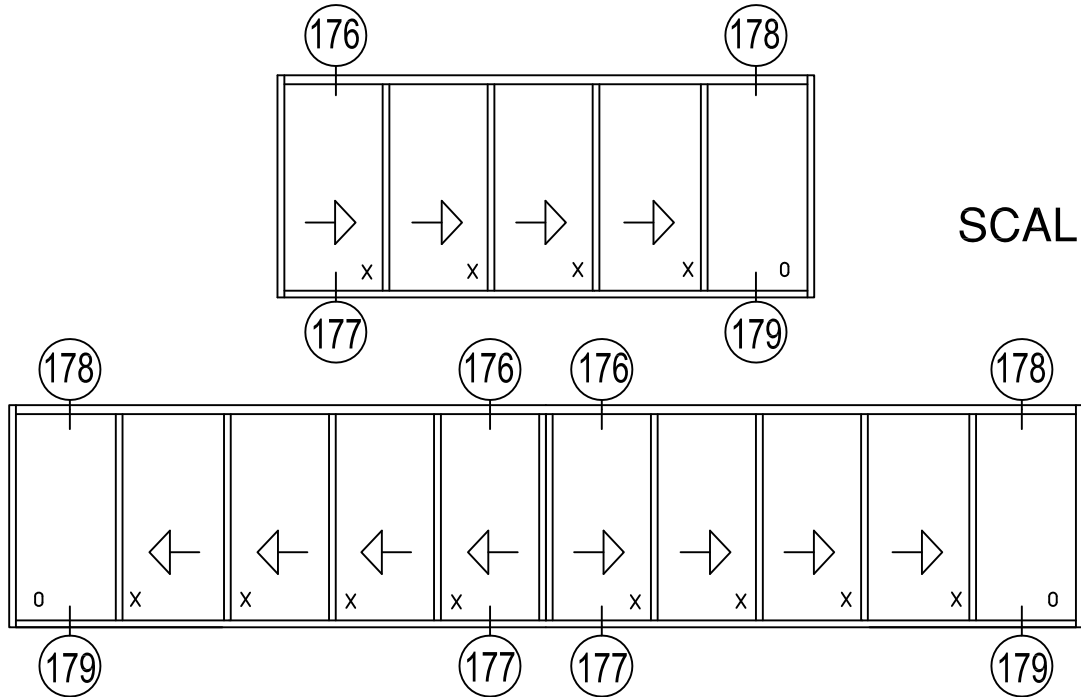


150mm x 45mm - 4 TRACK SLIDING DOOR DETAILS

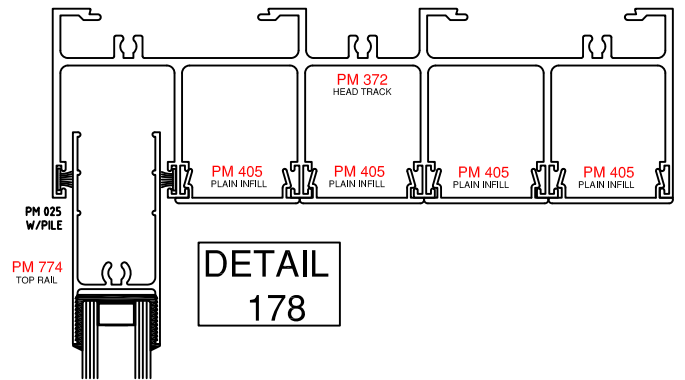
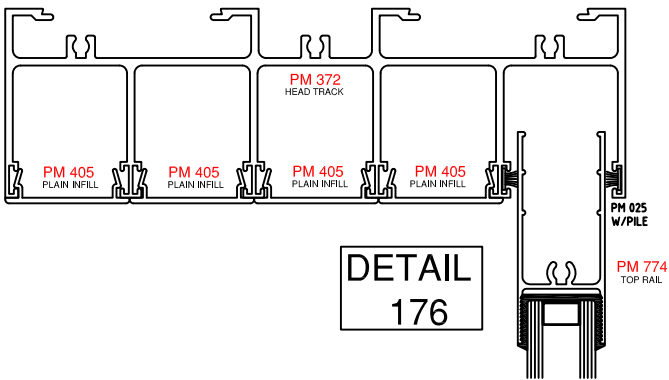
SCALE 1:2



164mm x 45mm - 5 TRACK SLIDING DOOR DETAILS



SCALE 1:2

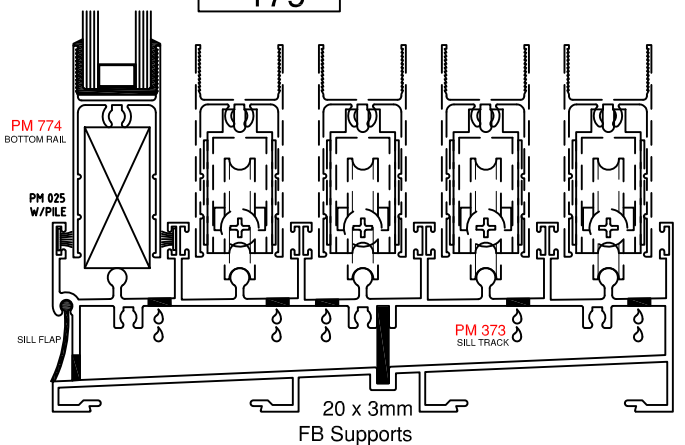
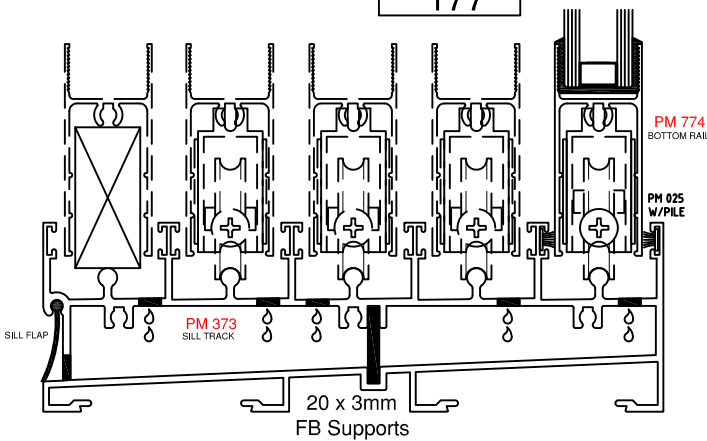


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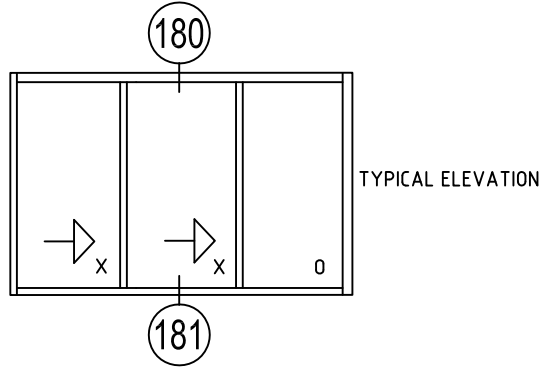
EXTERNAL

DETAIL 177

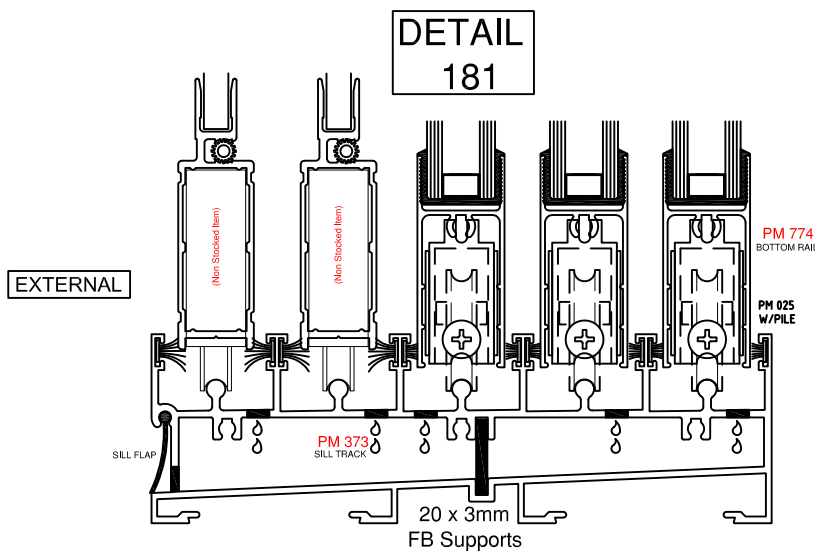
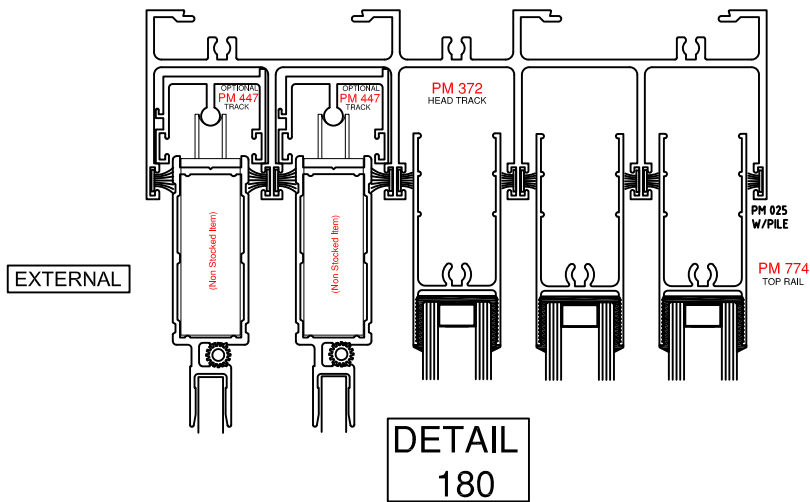
DETAIL 179



164mm x 45mm - 5 TRACK SLIDING DOOR DETAILS

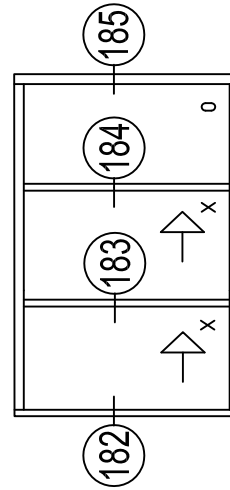
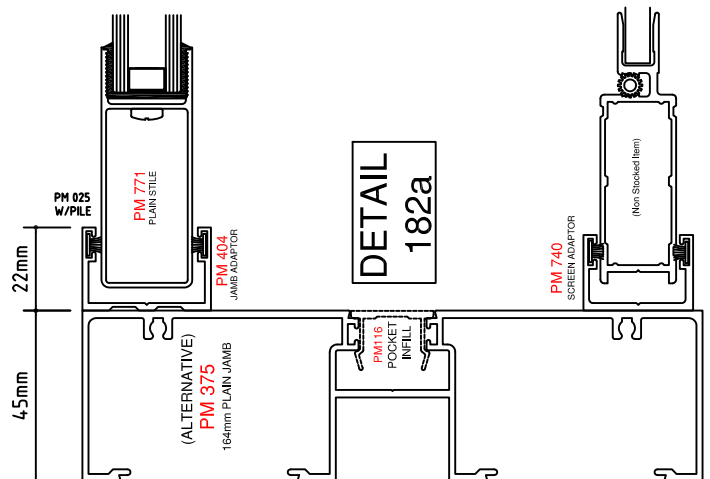
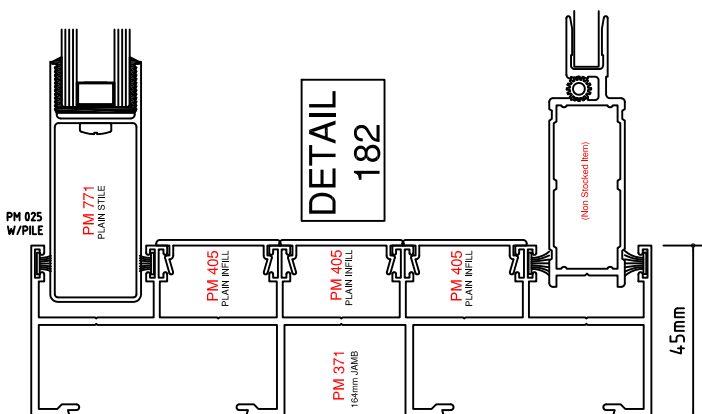
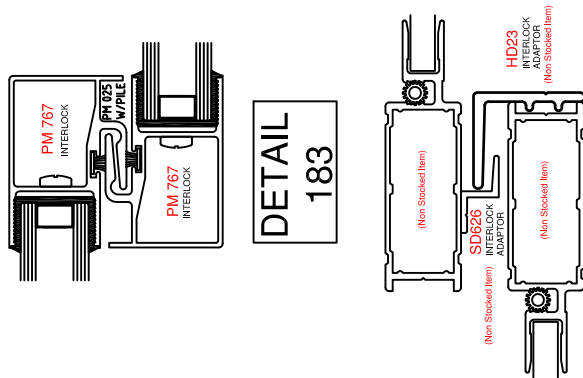
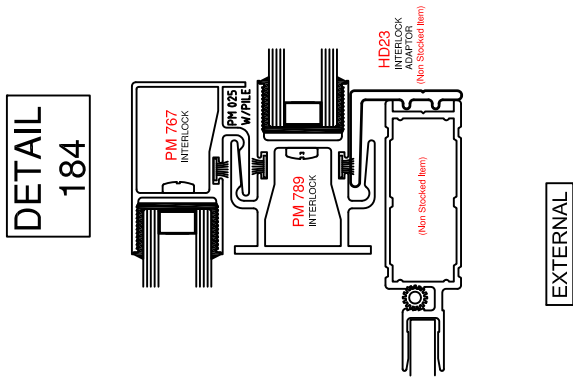
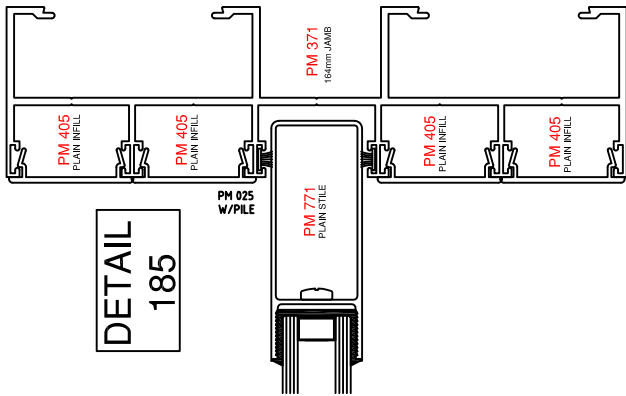


SCALE 1:2



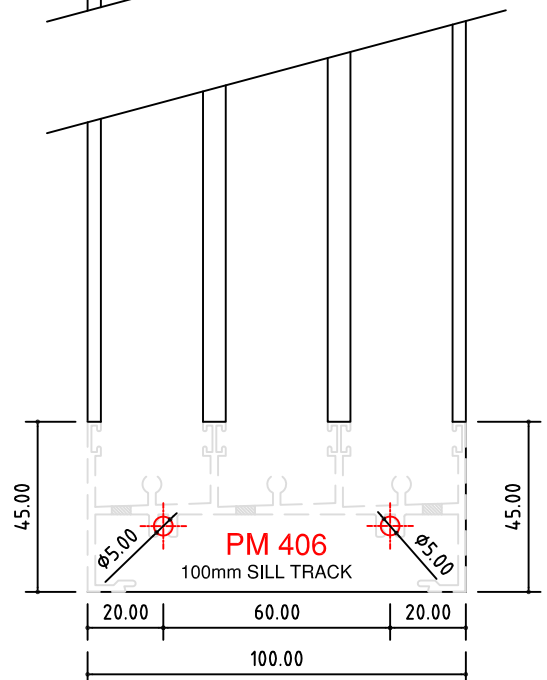
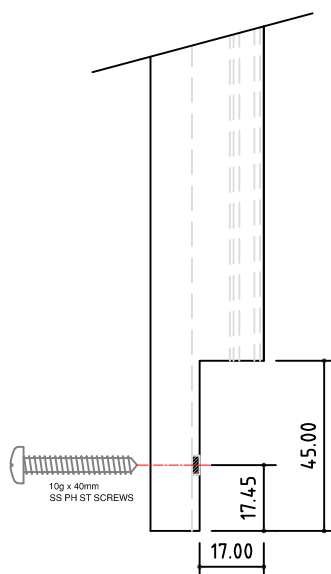
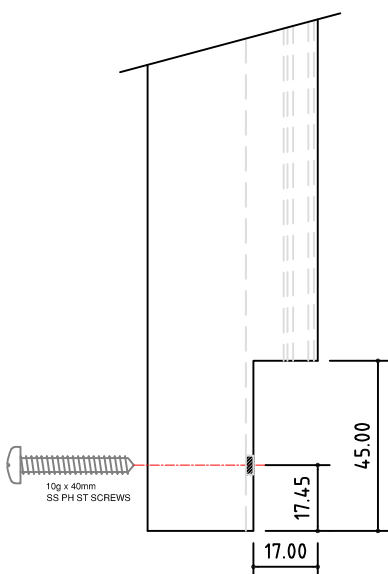
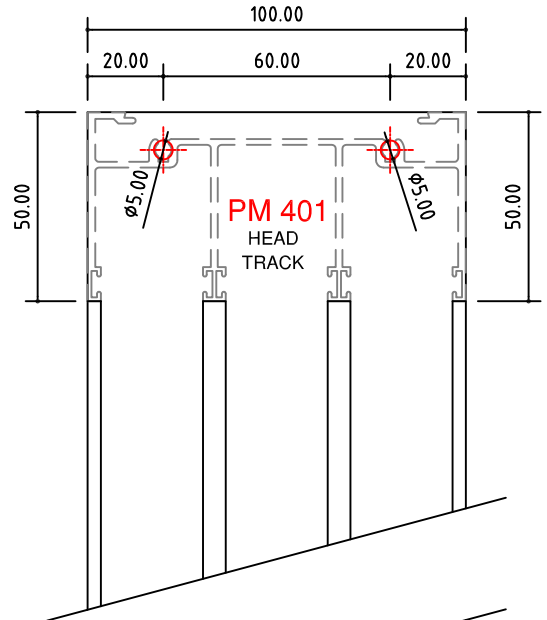
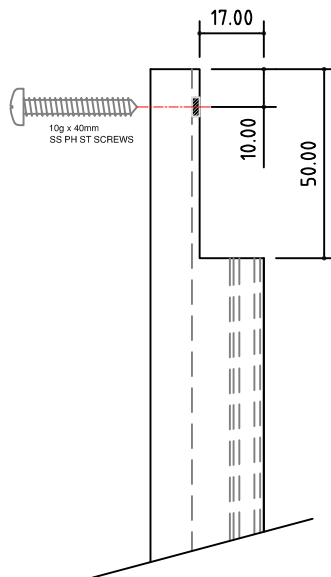
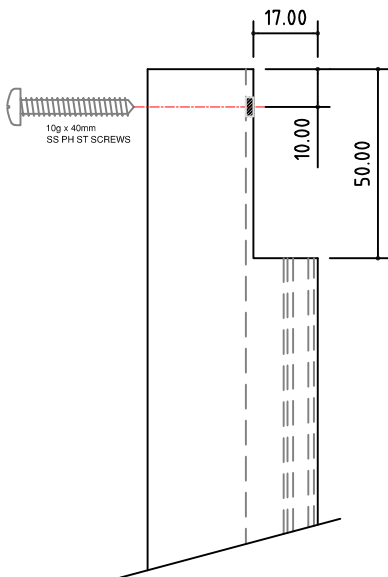
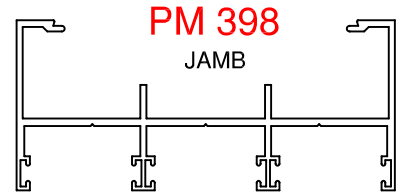
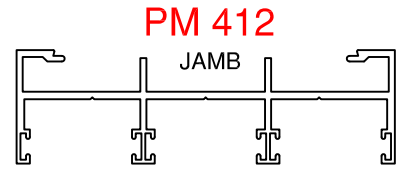
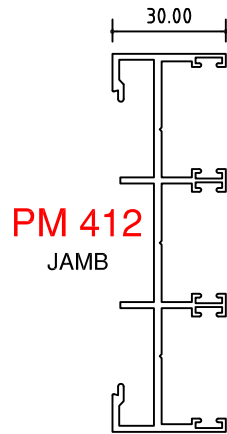
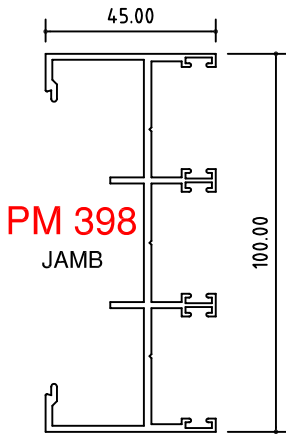
164mm x 45mm - 5 TRACK SLIDING DOOR DETAILS

SCALE 1:2



PM398 & PM412 JAMB MACHINING DETAILS PM401 HEAD / PM406 SILL

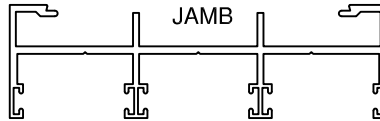
DETAIL
SCALE 1:2



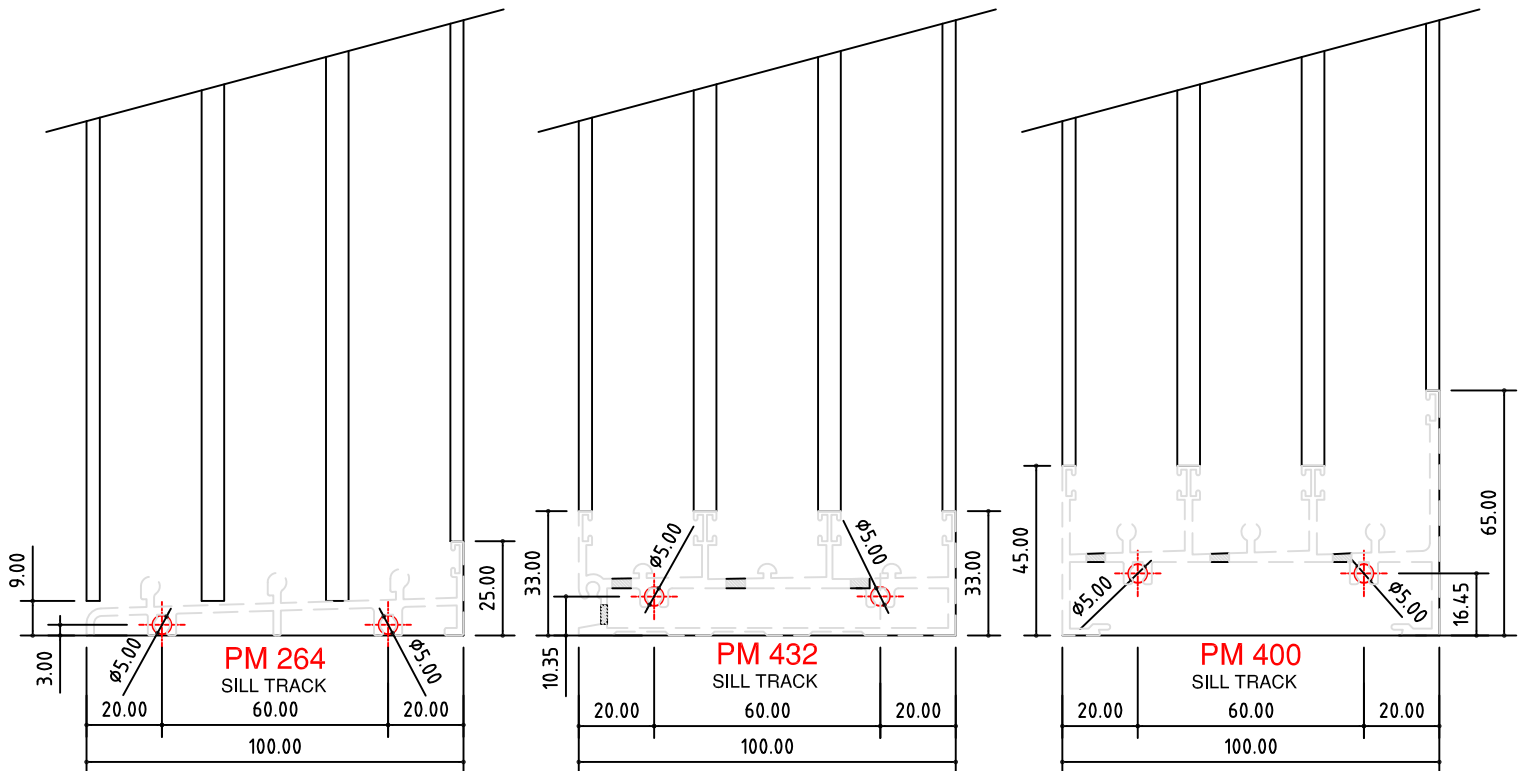
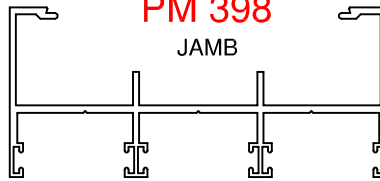
PM398 & PM412 JAMB MACHINING DETAILS PM264 / PM400 / PM432 SILLS

DETAIL
 SCALE 1:2

PM 412



PM 398



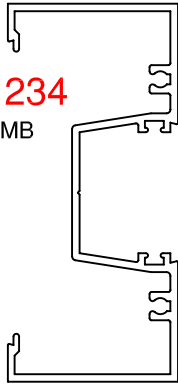
PM234 JAMB MACHINING DETAILS

PM234 HEAD / PM432 SILL

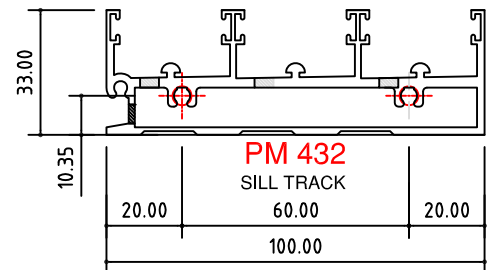
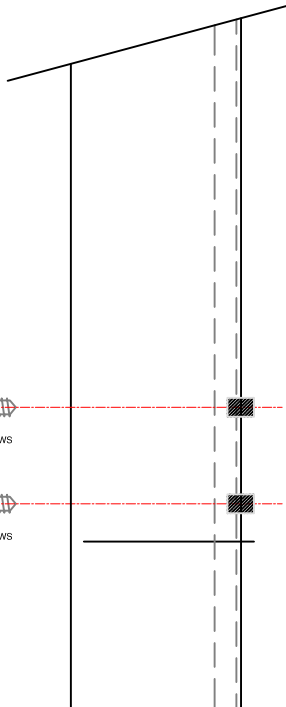
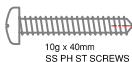
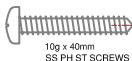
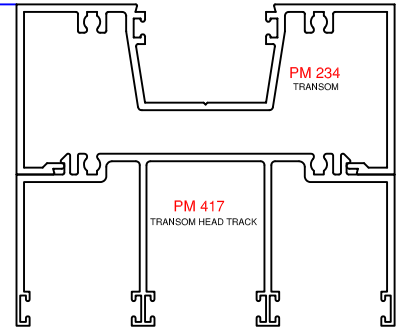
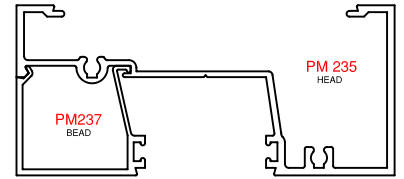
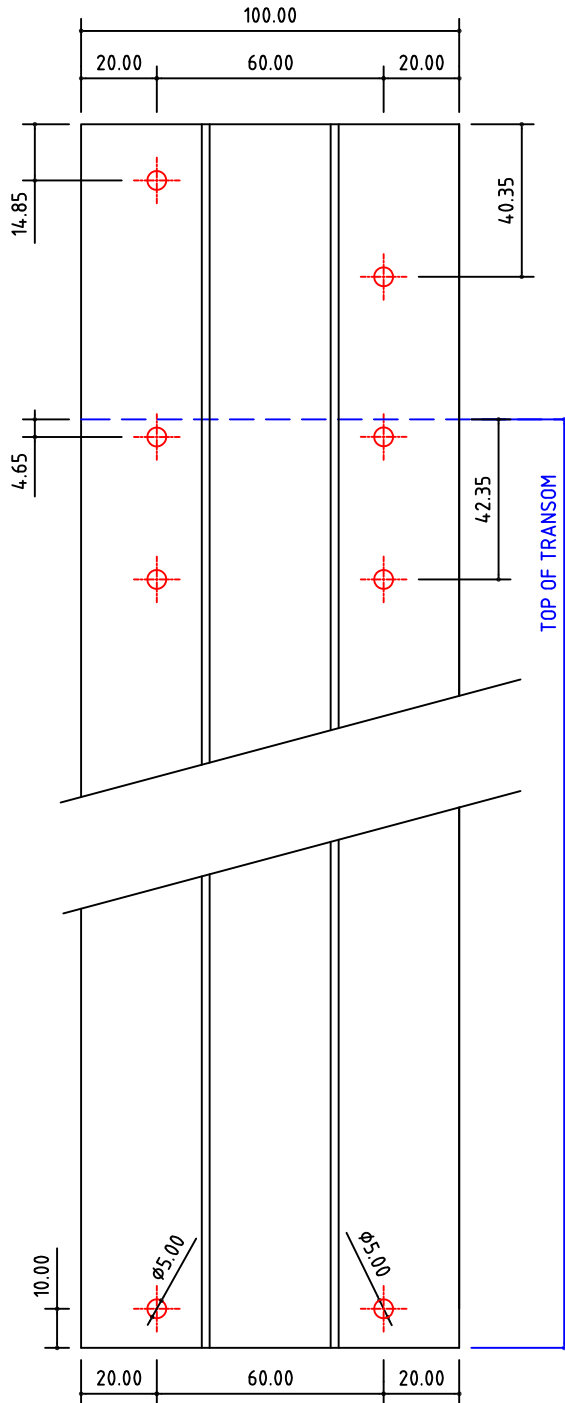
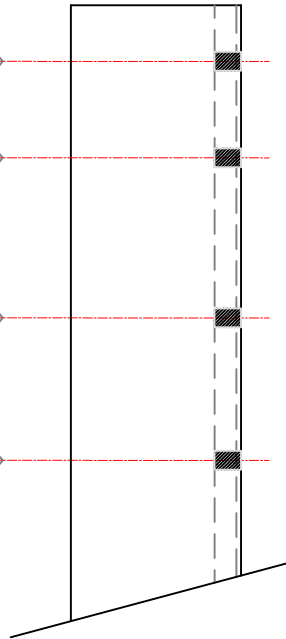
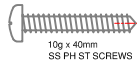
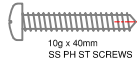
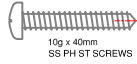
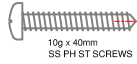
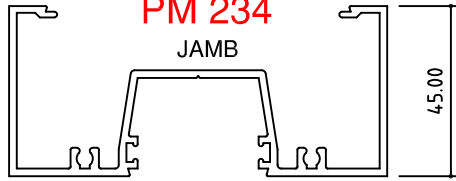
PM234 - 417 TRANSOM

DETAIL
SCALE 1:2

PM 234
JAMB



PM 234
JAMB

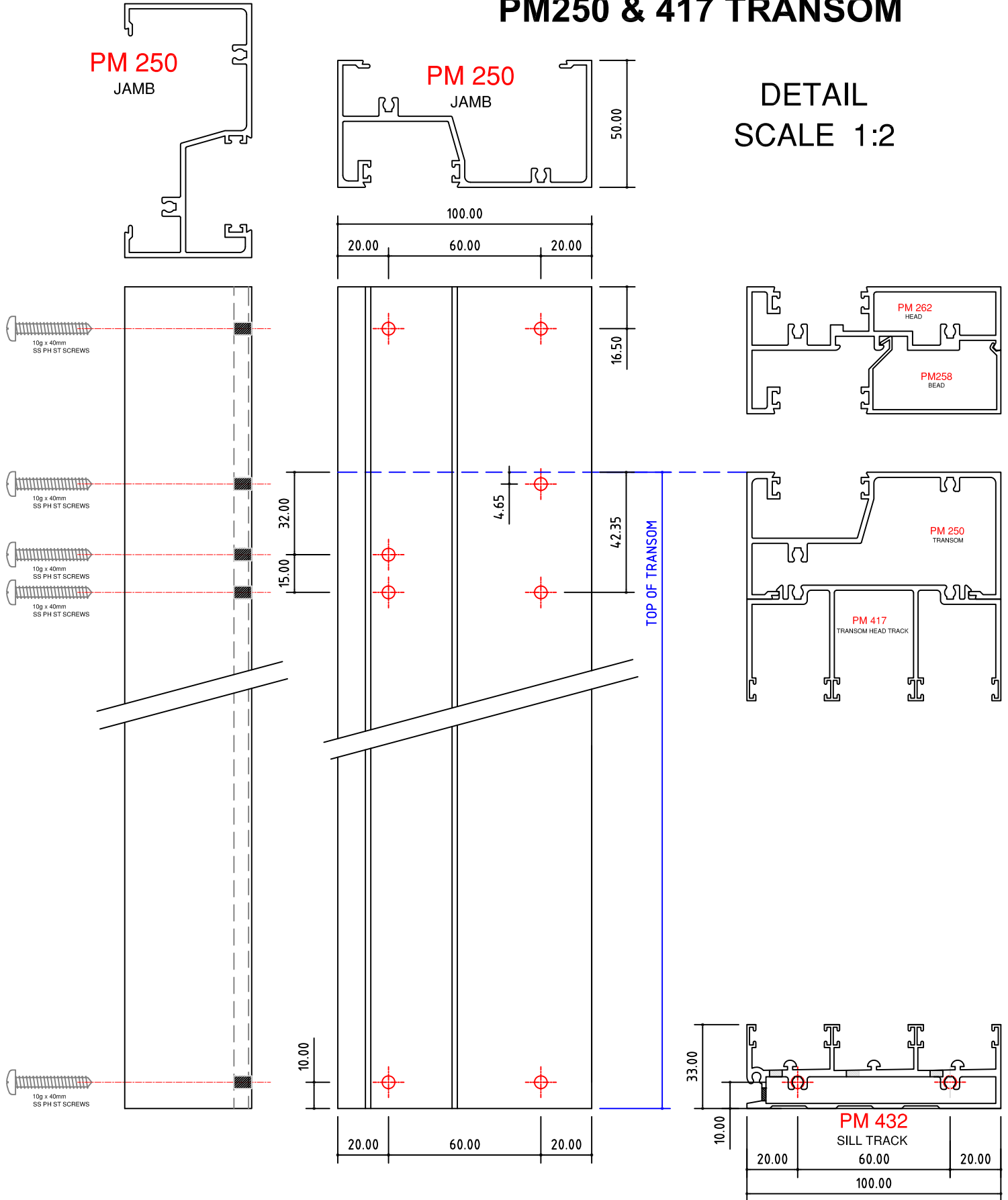


PM250 JAMB MACHINING DETAILS

PM262 HEAD / PM432 SILL

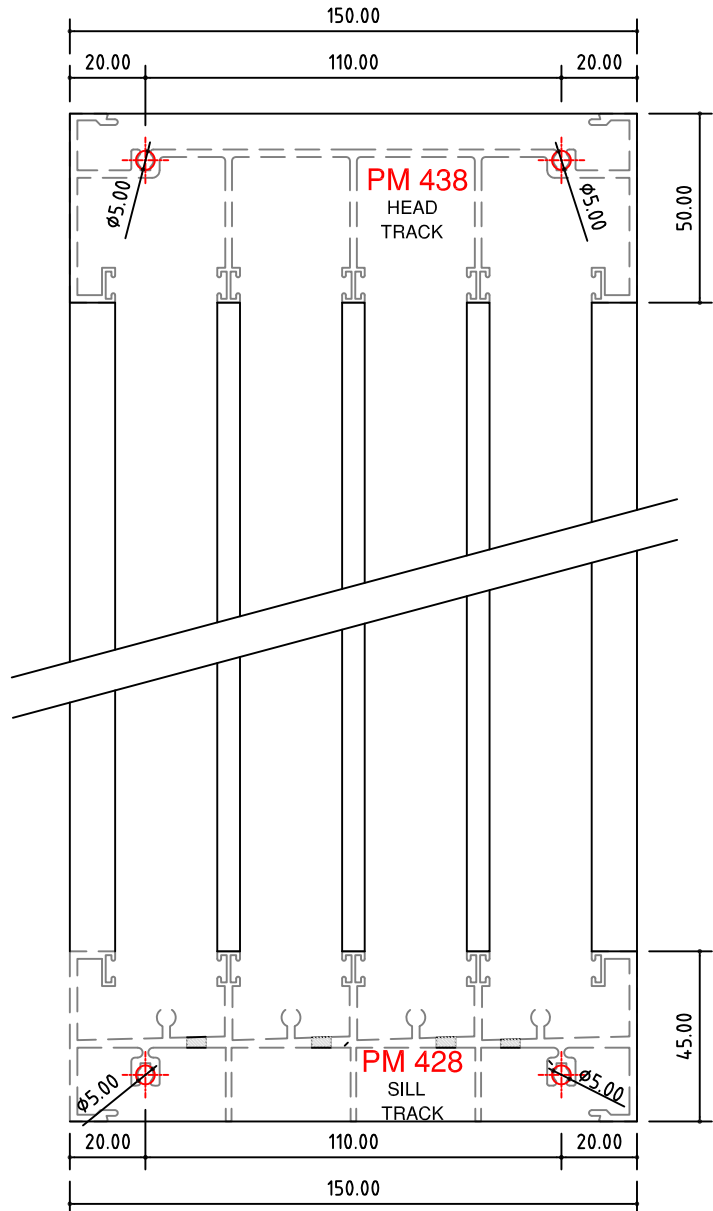
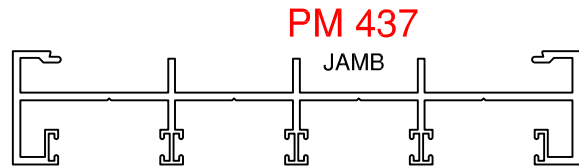
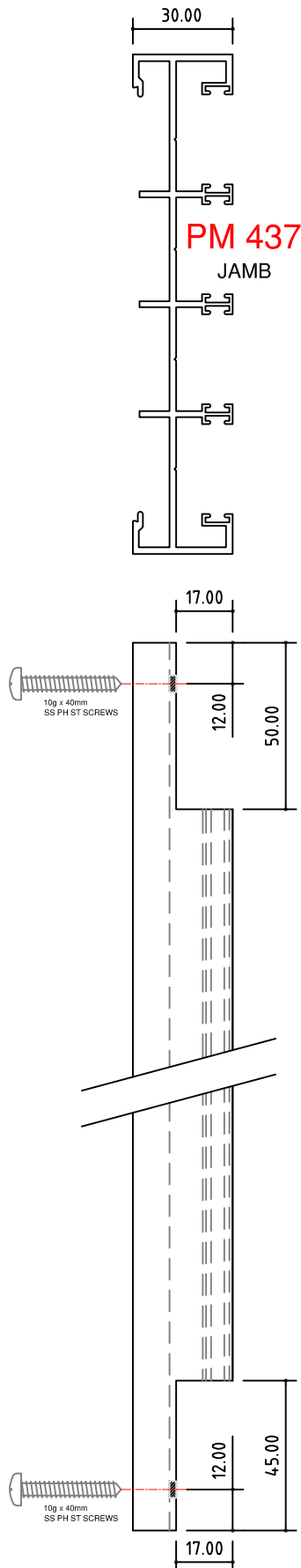
PM250 & 417 TRANSOM

DETAIL
SCALE 1:2



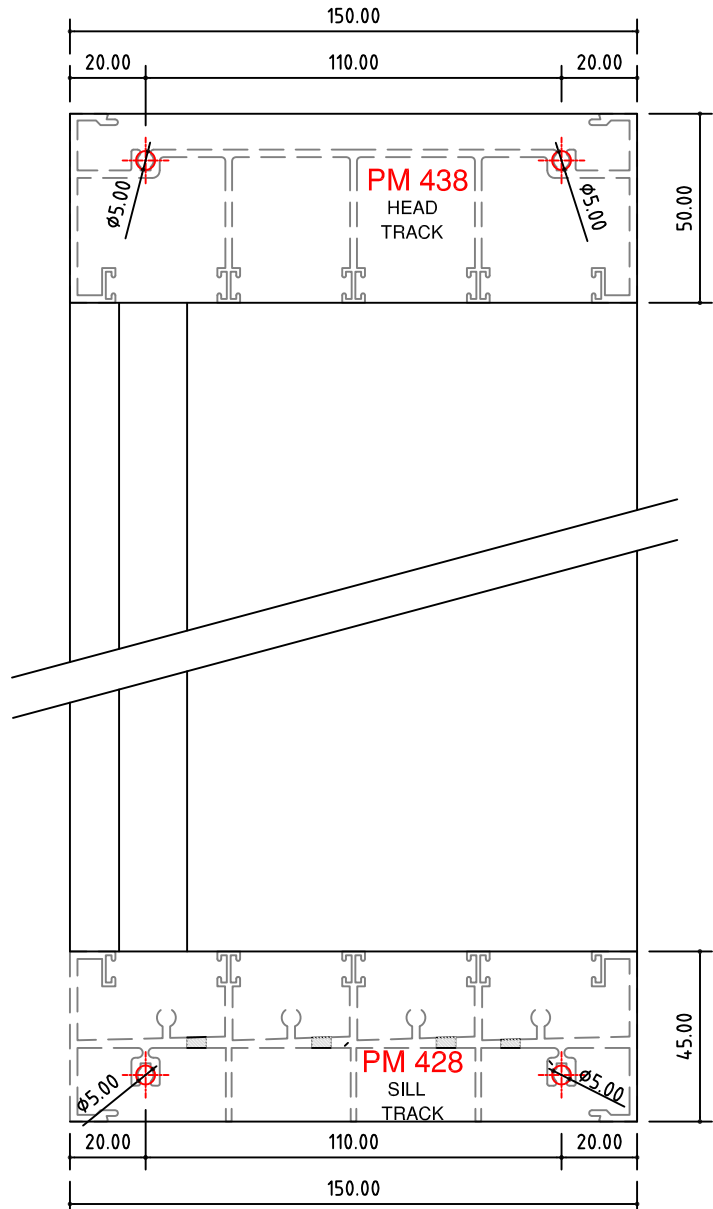
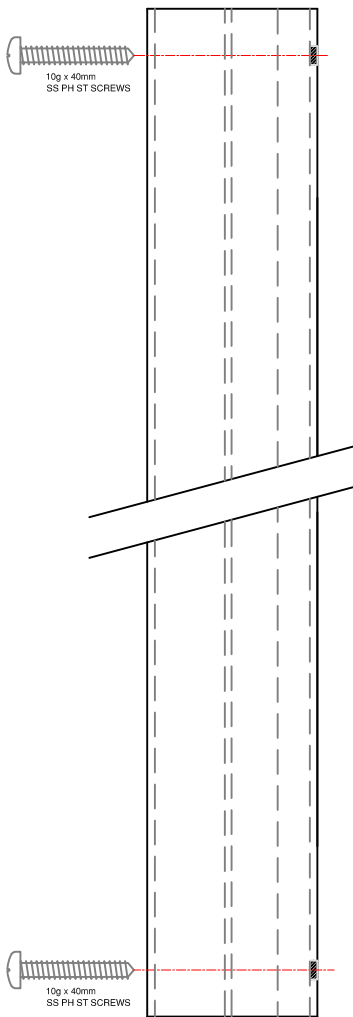
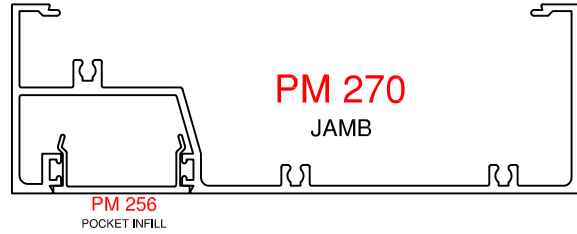
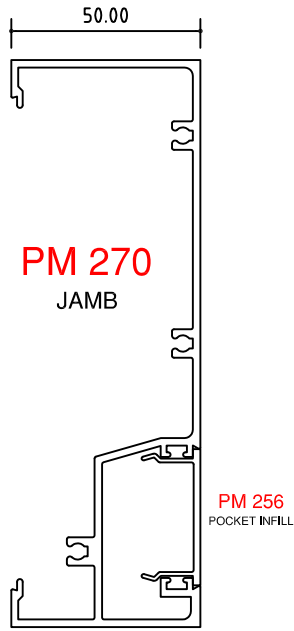
PM437 JAMB MACHINING DETAILS PM438 HEAD / PM428 SILL

DETAIL
 SCALE 1:2



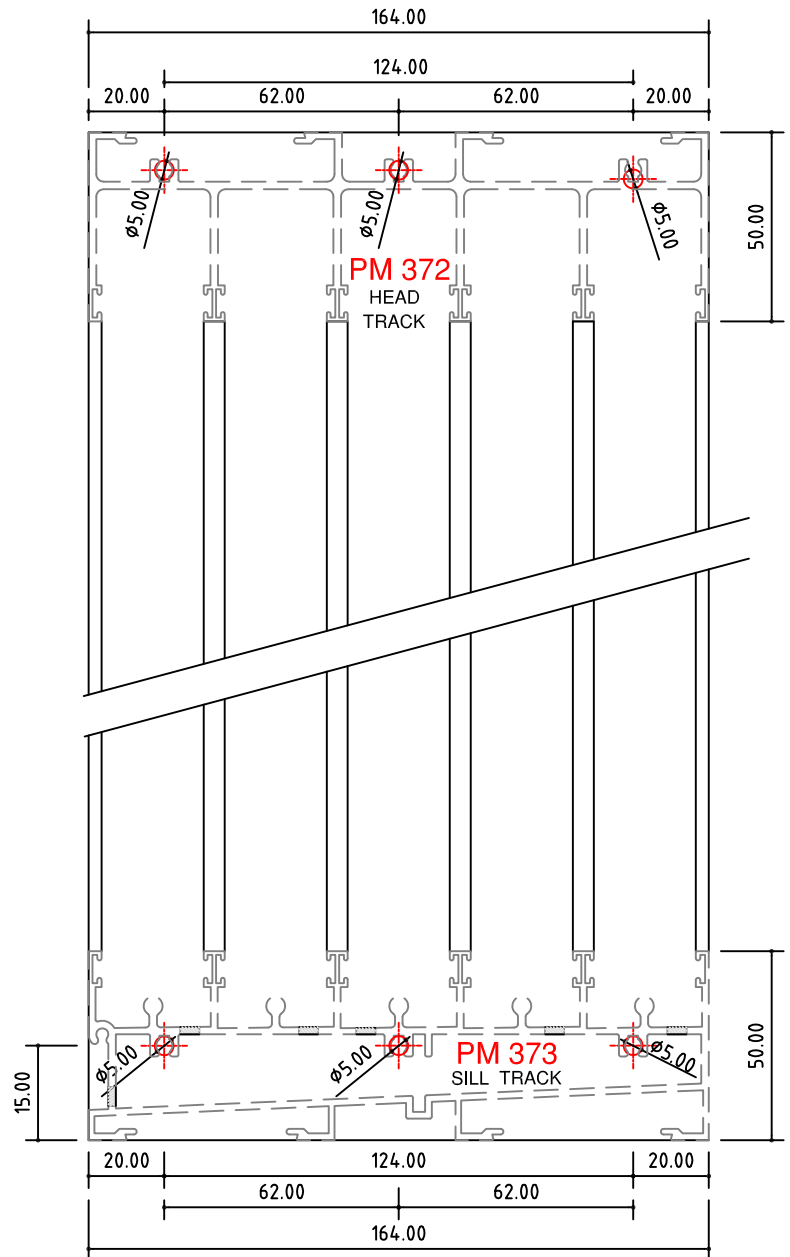
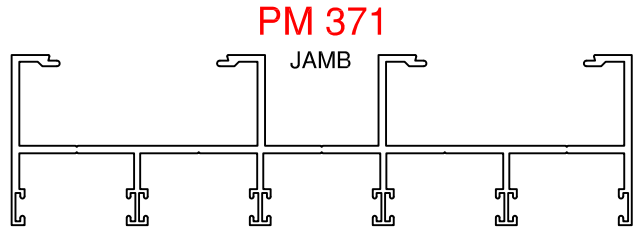
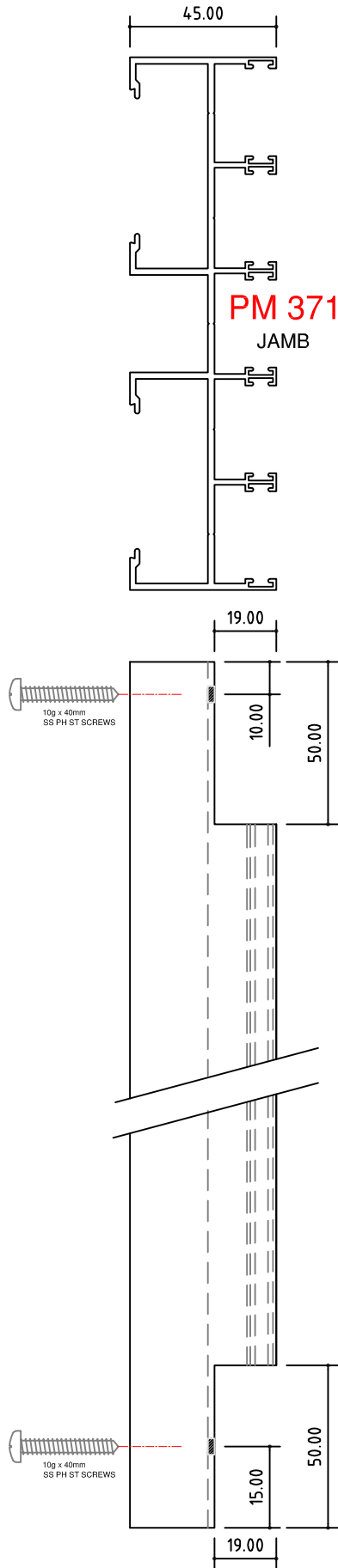
PM270 JAMB MACHINING DETAILS PM438 HEAD / PM428 SILL

DETAIL
SCALE 1:2



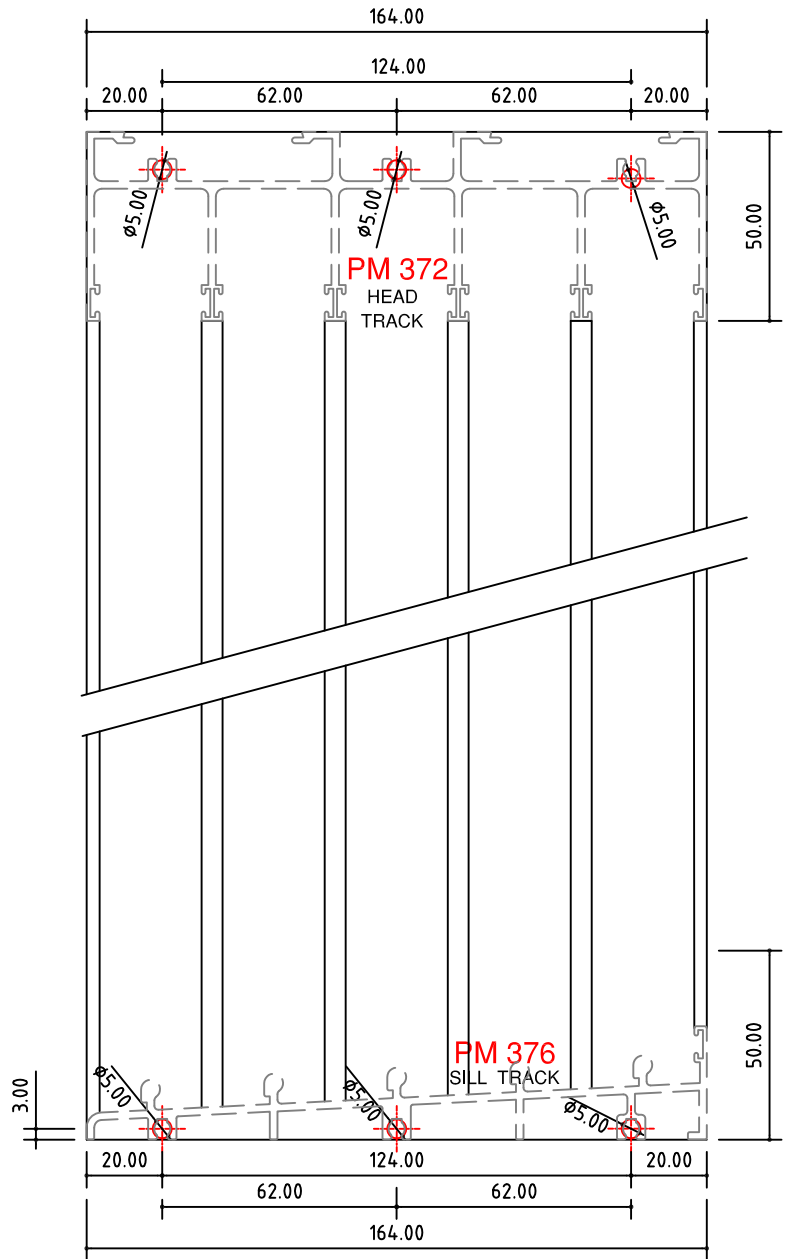
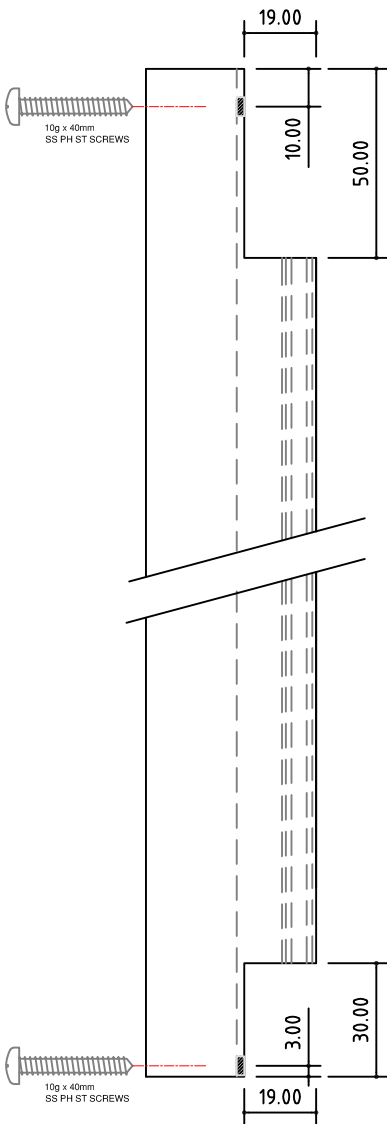
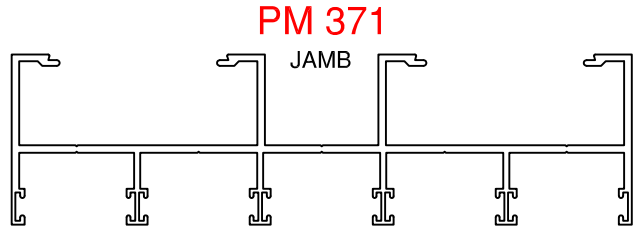
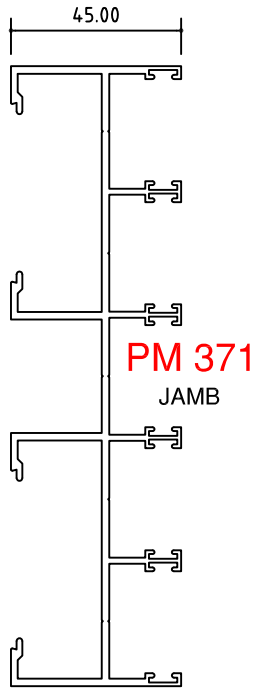
PM371 JAMB MACHINING DETAILS PM372 HEAD / PM373 SILL

DETAIL
 SCALE 1:2



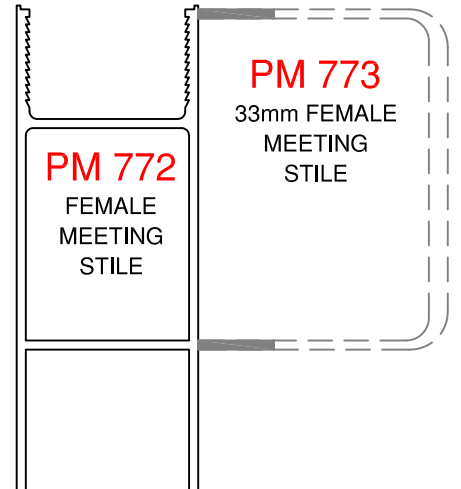
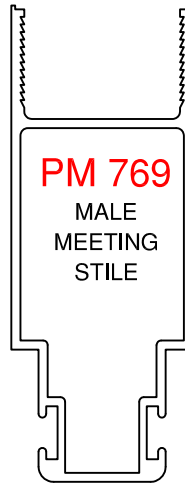
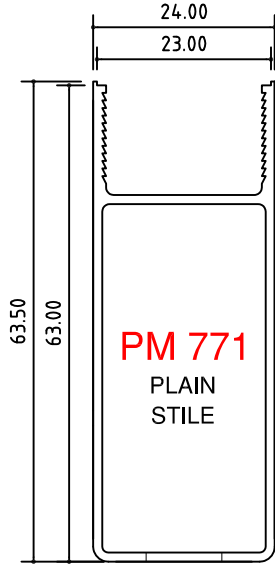
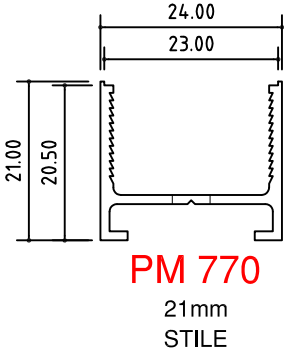
PM371 JAMB MACHINING DETAILS PM372 HEAD / PM376 SILL

DETAIL
 SCALE 1:2

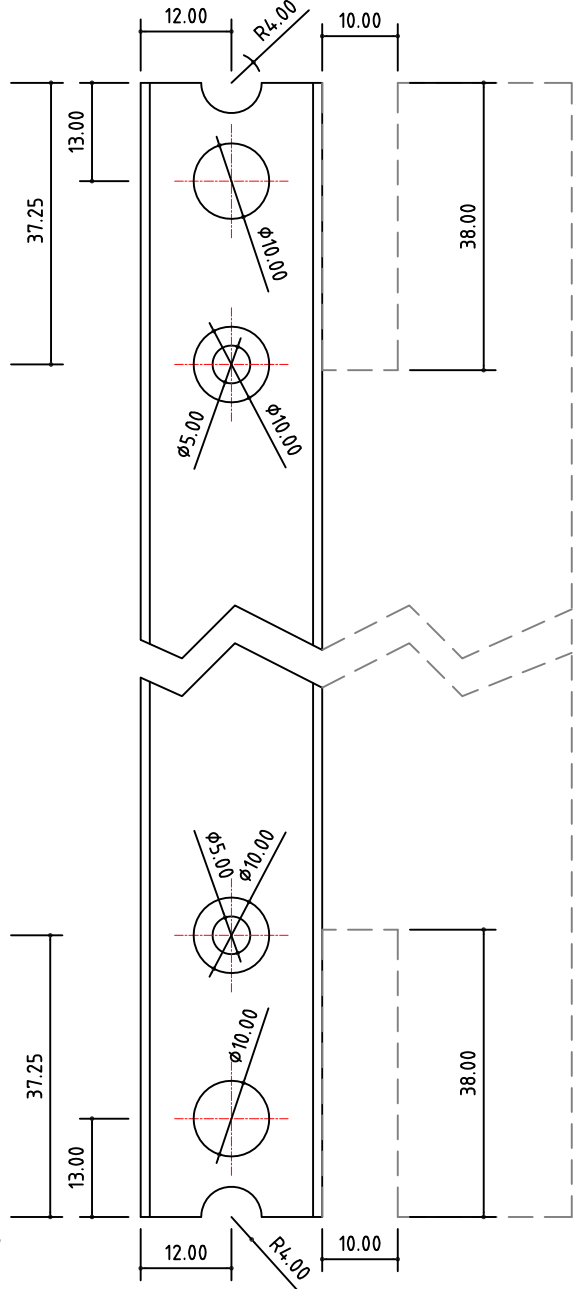
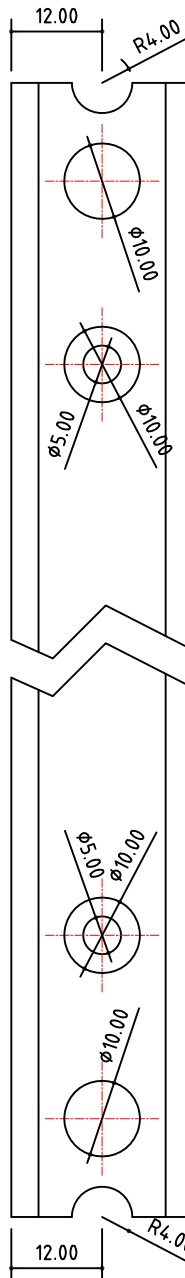
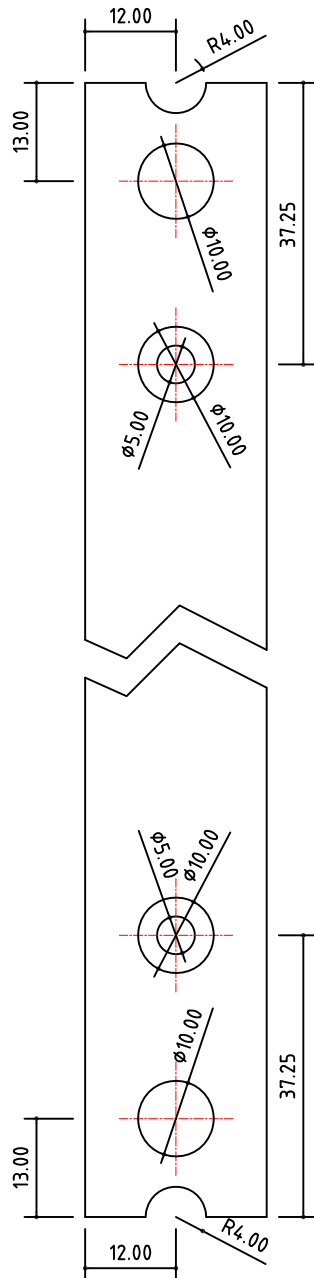
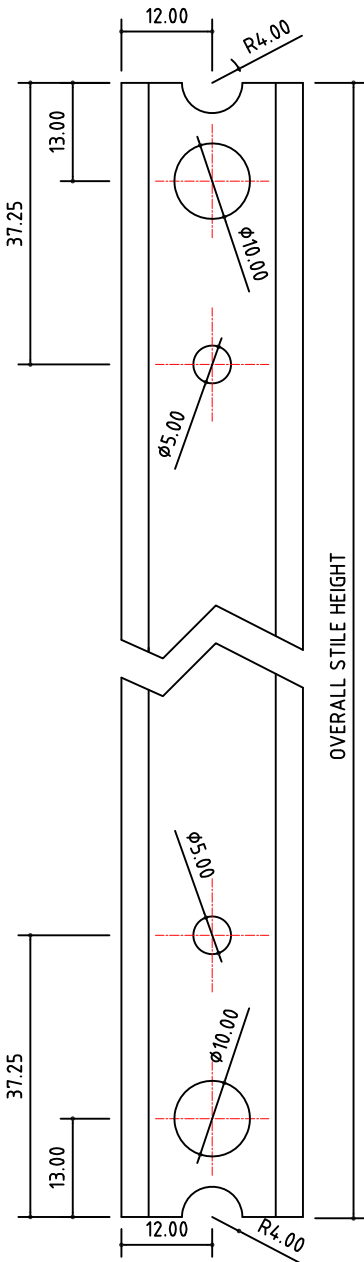


PM770 - 771 - 769 - 772 - 773 - 766

STILE MACHINING DETAILS



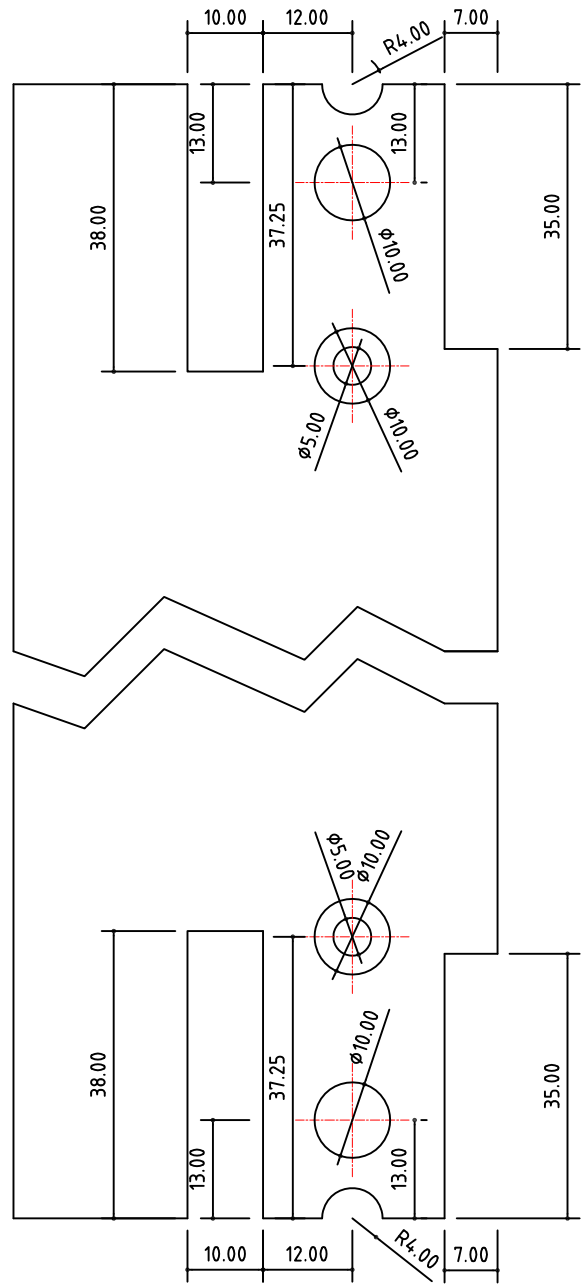
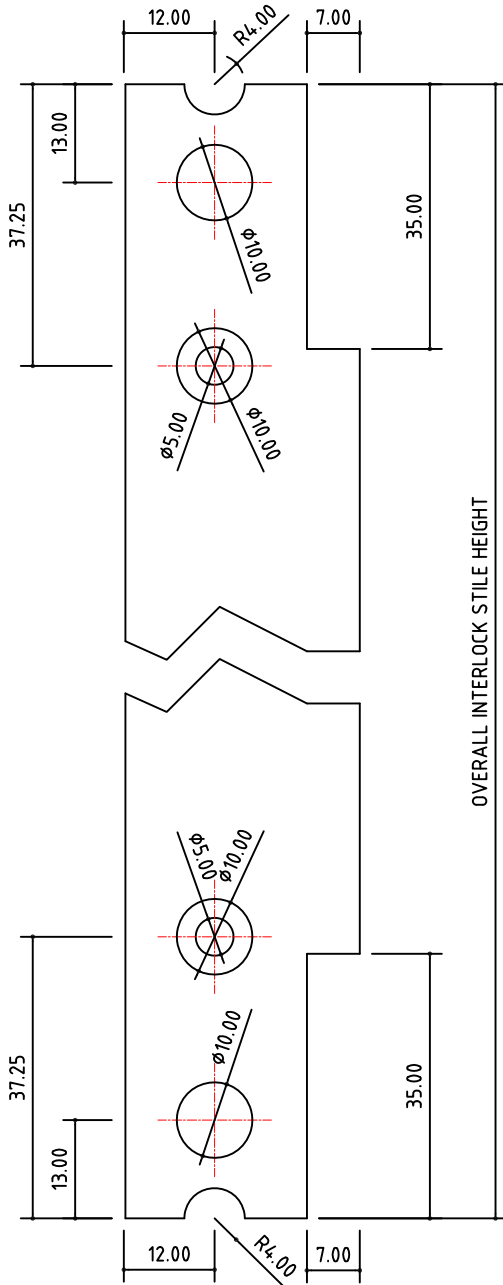
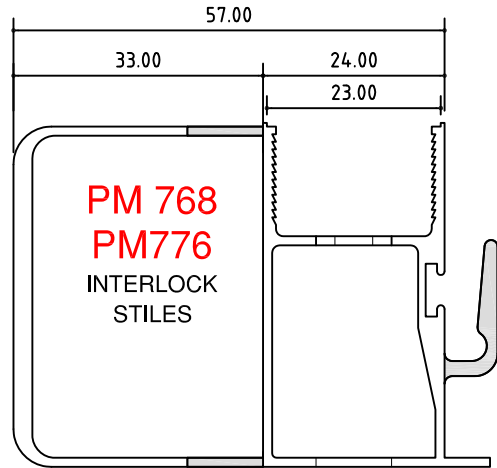
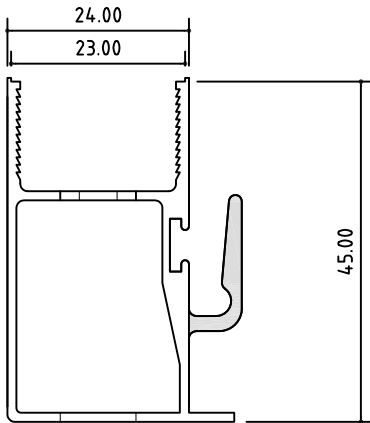
SCALE 1:1



PM767 - 768 - 776 INTERLOCK STILE MACHINING DETAILS

SCALE 1:1

PM 767
 INTERLOCK
 STILE



PM405 INFILL HEAD & SILL MACHINING DETAILS to suit PM429 & 752 JAMBS

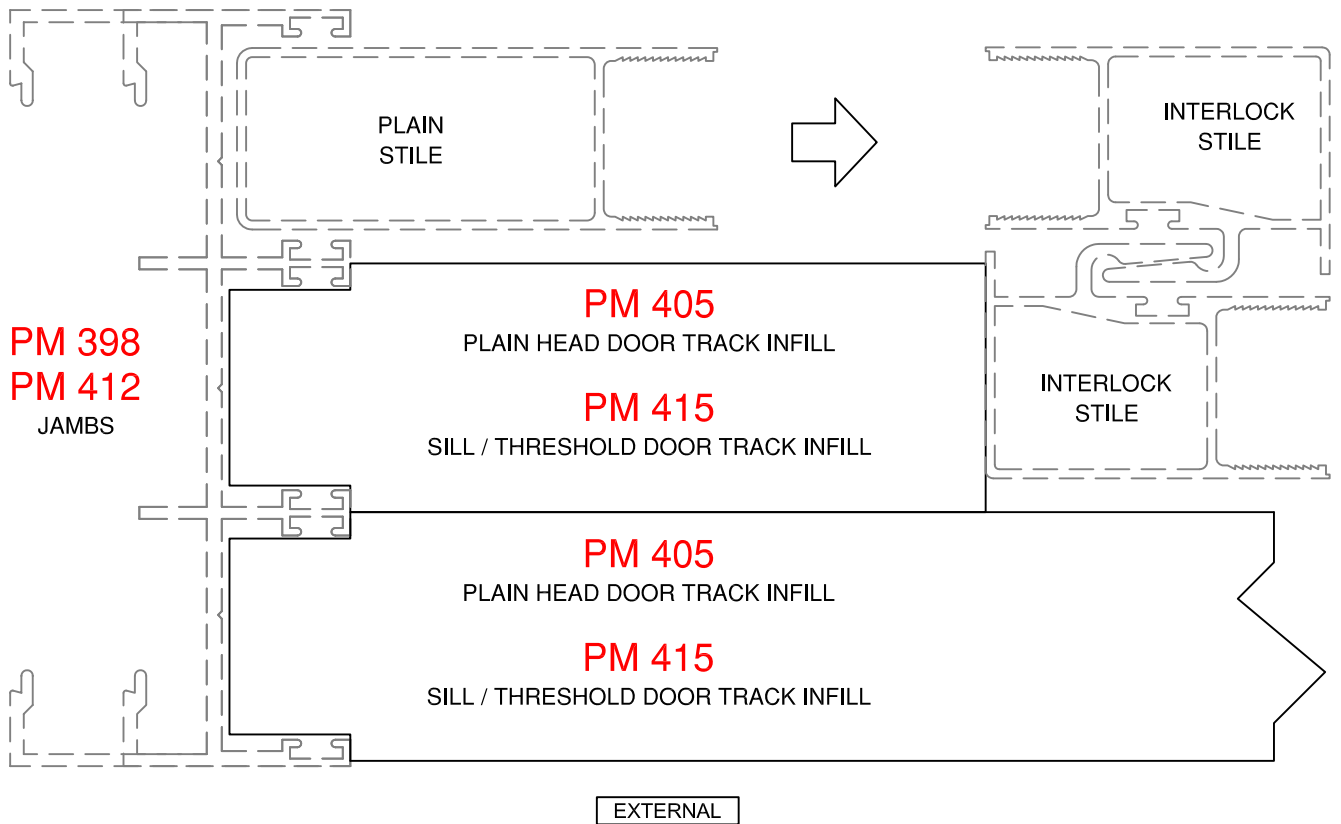
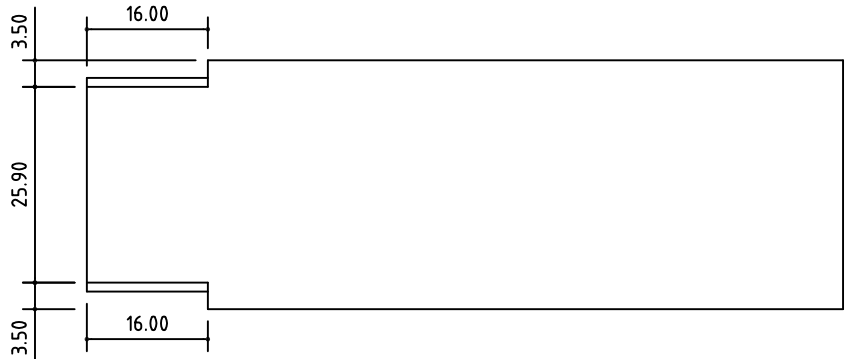
SCALE 1:1

(NO SCREEN REQUIREMENT)

PM 405
 PLAIN INFILL



PM 416
 FLAT THRESHOLD

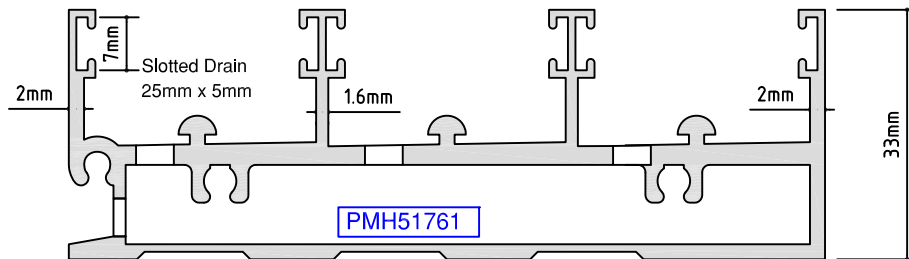
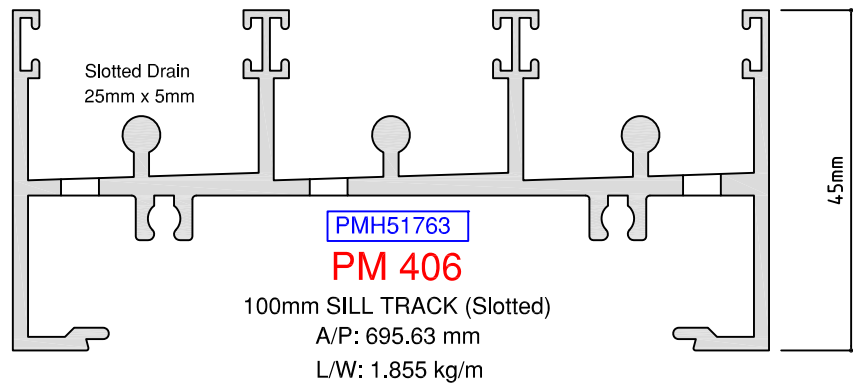
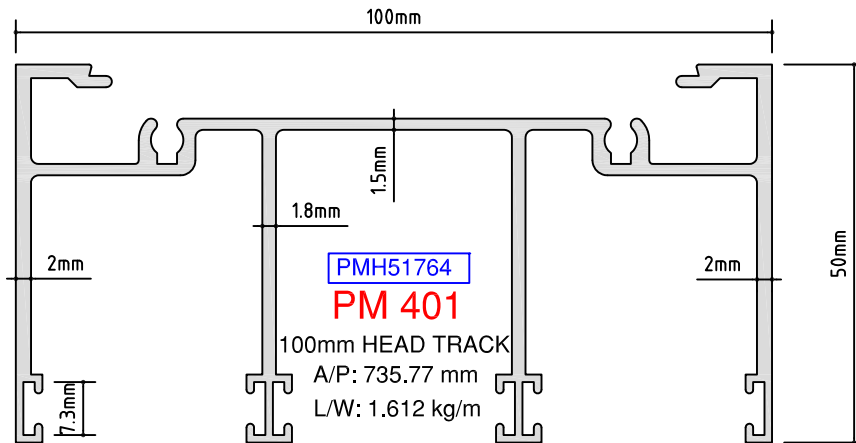


3006 SERIES DOORS

100mm - 3 TRACK

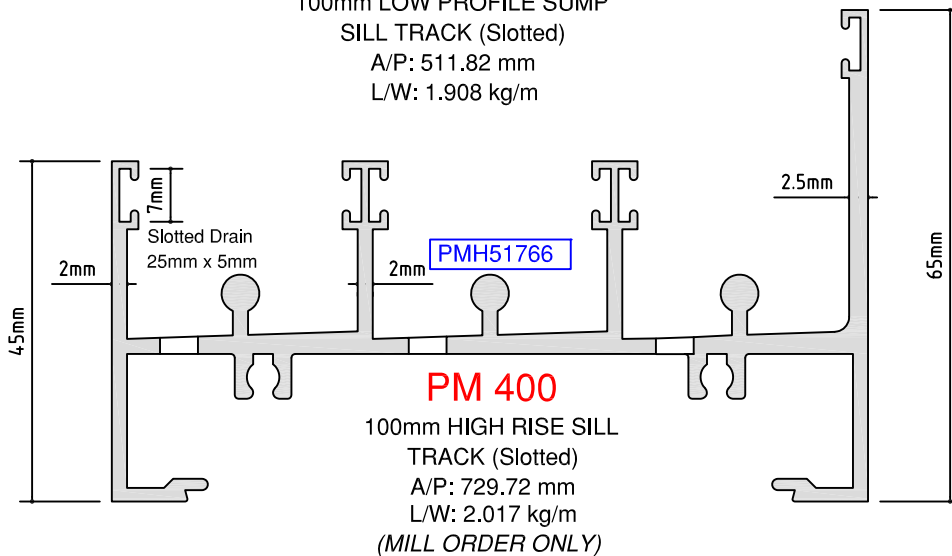
SLIDING DOOR SECTIONS

SCALE 1:1

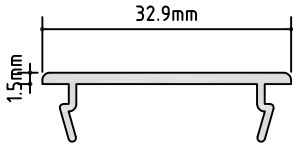


PM 432

100mm LOW PROFILE SUMP
 SILL TRACK (Slotted)
 A/P: 511.82 mm
 L/W: 1.908 kg/m

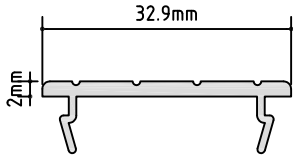


100mm - 3 TRACK SLIDING DOOR SECTIONS



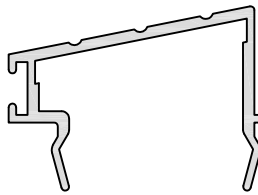
PMA6237
PM 405

PLAIN TRACK INFILL
 A/P: 101.34 mm
 L/W: 0.179 kg/m



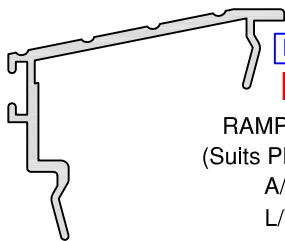
PMBA0100
PM 416

TREAD THRESHOLD
 A/P: 104.10 mm
 L/W: 0.218 kg/m



PMBA0101
PM 440

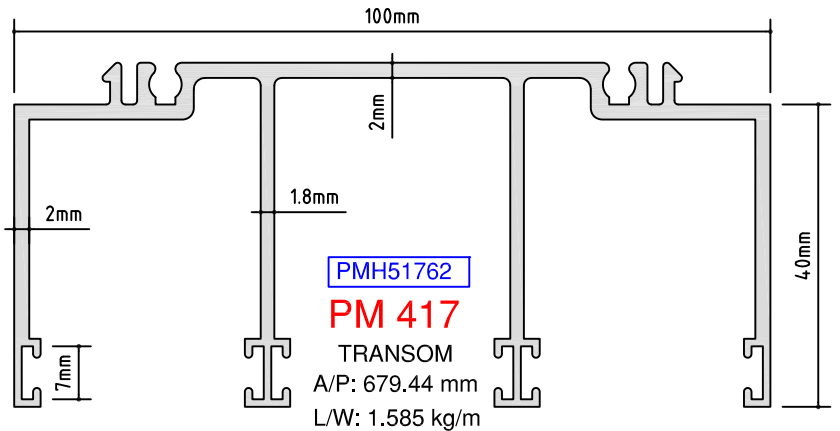
RAMPED THRESHOLD
 (Suits PM400 High Rise Sill)
 A/P: 172.31 mm
 L/W: 0.298 kg/m



PMBA0102
PM 449

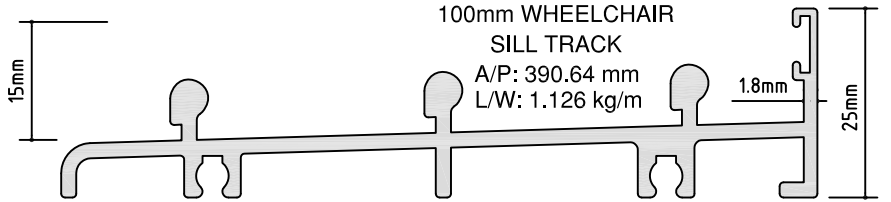
RAMPED THRESHOLD
 (Suits PM400 High Rise Sill)
 A/P: 174.52 mm
 L/W: 0.297 kg/m

SCALE 1:1



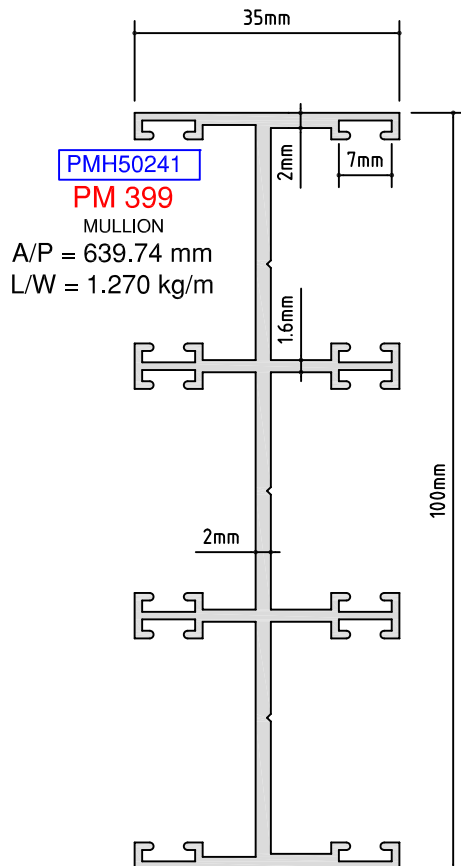
PMH51762
PM 417

TRANSOM
 A/P: 679.44 mm
 L/W: 1.585 kg/m



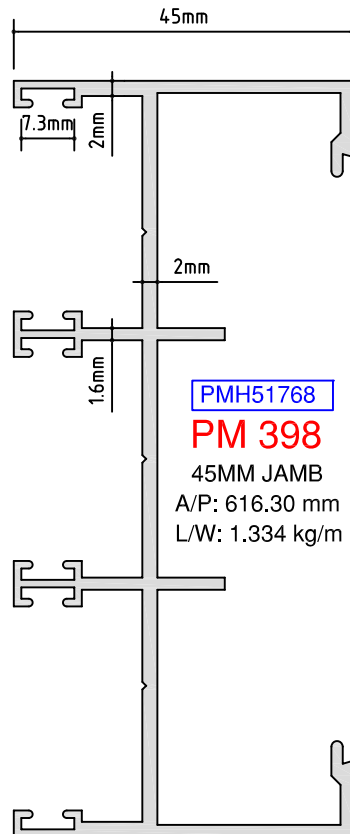
PMH50956
PM 264

100mm WHEELCHAIR
 SILL TRACK
 A/P: 390.64 mm
 L/W: 1.126 kg/m



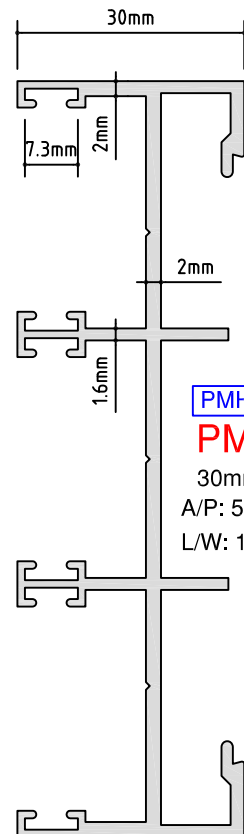
PMH50241
PM 399

MULLION
 A/P = 639.74 mm
 L/W = 1.270 kg/m



PMH51768
PM 398

45MM JAMB
 A/P: 616.30 mm
 L/W: 1.334 kg/m

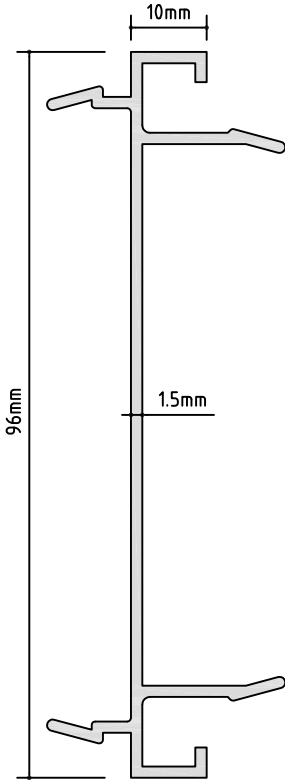


PMH51760
PM 412

30mm JAMB
 A/P: 556.30 mm
 L/W: 1.204 kg/m

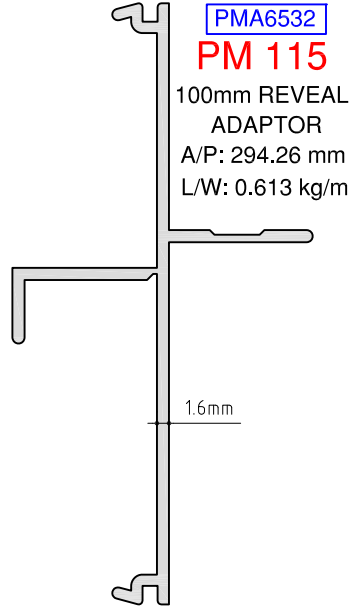
100mm - 3 TRACK SLIDING DOOR SECTIONS

SCALE 1:1



AST20239
ME2-20239

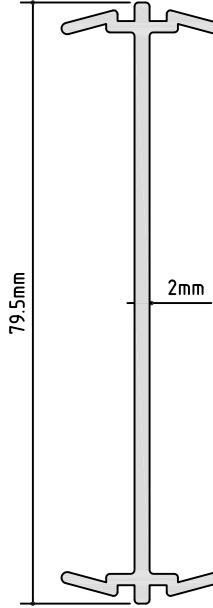
101.6mm FRAME to 100mm
FRAME COUPLER
A/P: 361.17 mm
L/W: 0.740 kg/m



PMA6532

PM 115

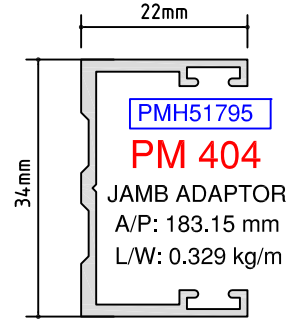
100mm REVEAL
ADAPTOR
A/P: 294.26 mm
L/W: 0.613 kg/m



PMA6172

PM 114

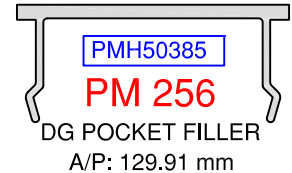
100mm FRAME
COUPLER
A/P: 245.89 mm
L/W: 0.609 kg/m



PMH51795

PM 404

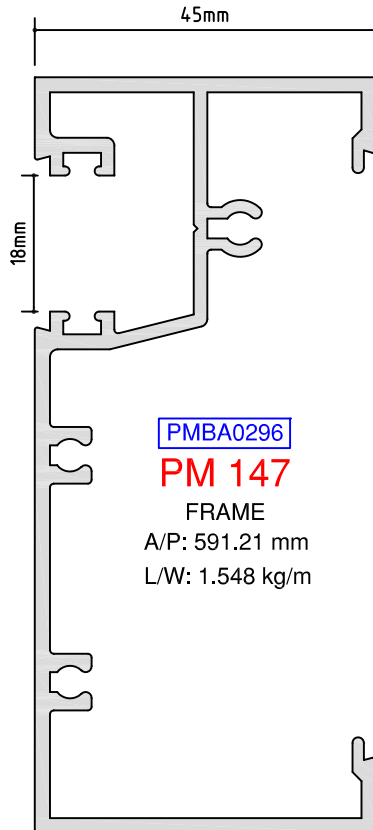
JAMB ADAPTOR
A/P: 183.15 mm
L/W: 0.329 kg/m



PMH50385

PM 256

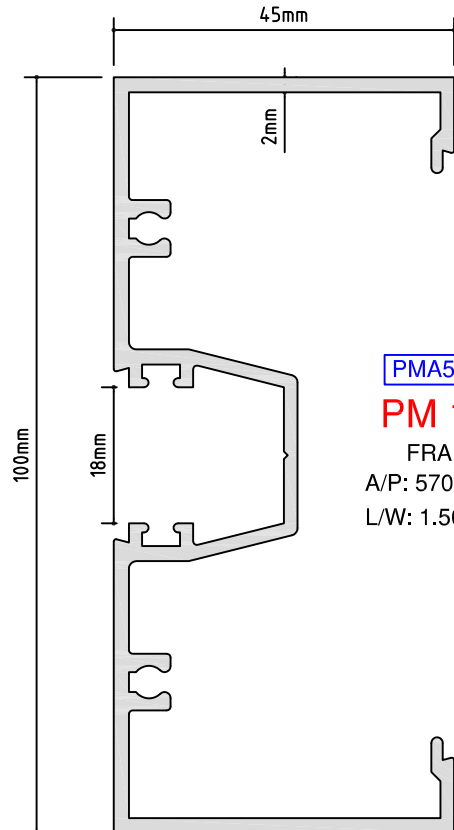
DG POCKET FILLER
A/P: 129.91 mm
L/W: 0.254 kg/m



PMBA0296

PM 147

FRAME
A/P: 591.21 mm
L/W: 1.548 kg/m



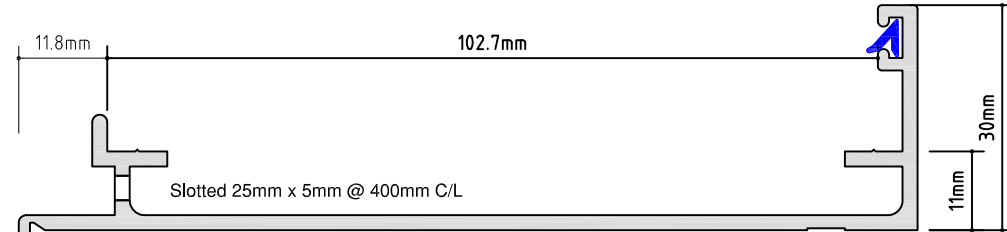
PMA5984

PM 100

FRAME
A/P: 570.09 mm
L/W: 1.504 kg/m

100mm - SUB FRAME SECTIONS

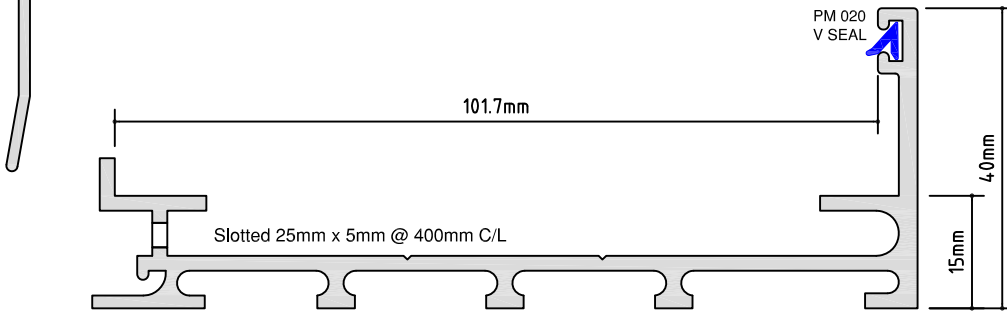
SCALE 1:1



PMA6326

PM 145

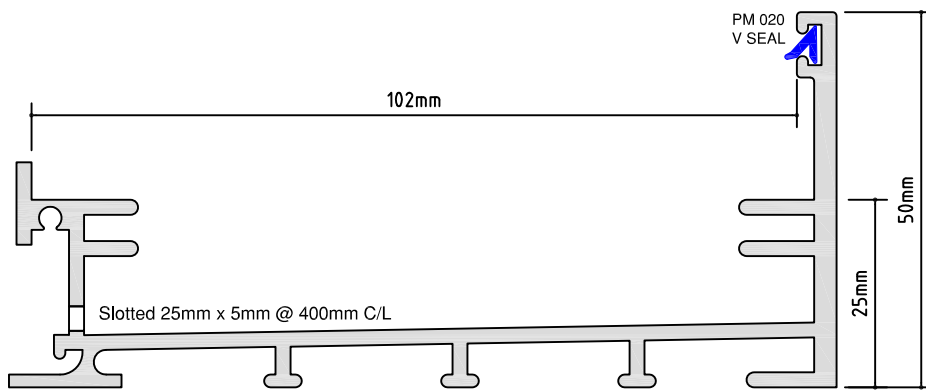
100mm FRAME STANDARD
SUB SILL (Slotted)
A/P: 428.72 mm
L/W: 1.106 kg/m



PMA4424

PM 142

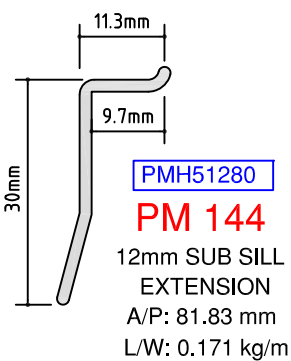
100mm FRAME
40mm COMMERCIAL
SUB SILL (Slotted)
A/P: 455.80 mm
L/W: 1.314 kg/m



PMBA0049

PM 138

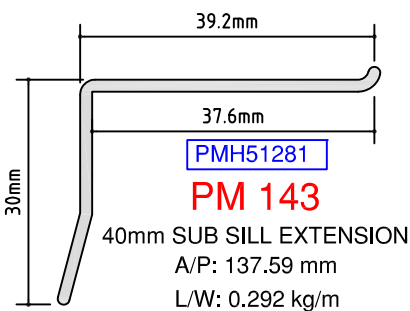
100mm FRAME 50mm DEEP
SUB SILL (Slotted)
A/P: 560.11 mm
L/W: 1.617 kg/m



PMH51280

PM 144

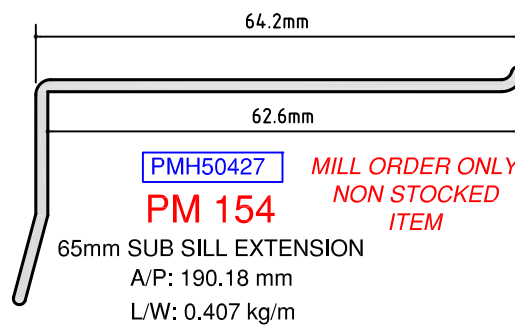
12mm SUB SILL
EXTENSION
A/P: 81.83 mm
L/W: 0.171 kg/m



PMH51281

PM 143

40mm SUB SILL EXTENSION
A/P: 137.59 mm
L/W: 0.292 kg/m

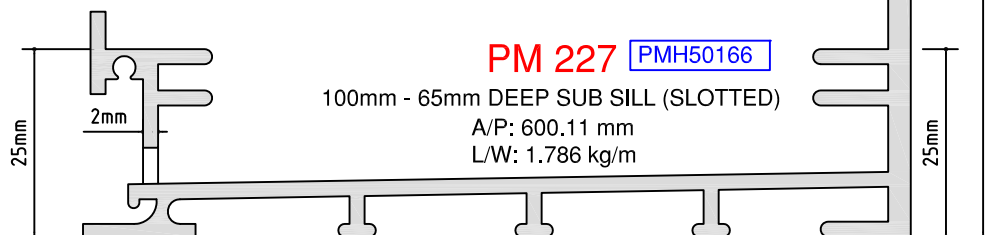


PMH50427

PM 154

65mm SUB SILL EXTENSION
A/P: 190.18 mm
L/W: 0.407 kg/m

*MILL ORDER ONLY
NON STOCKED
ITEM*



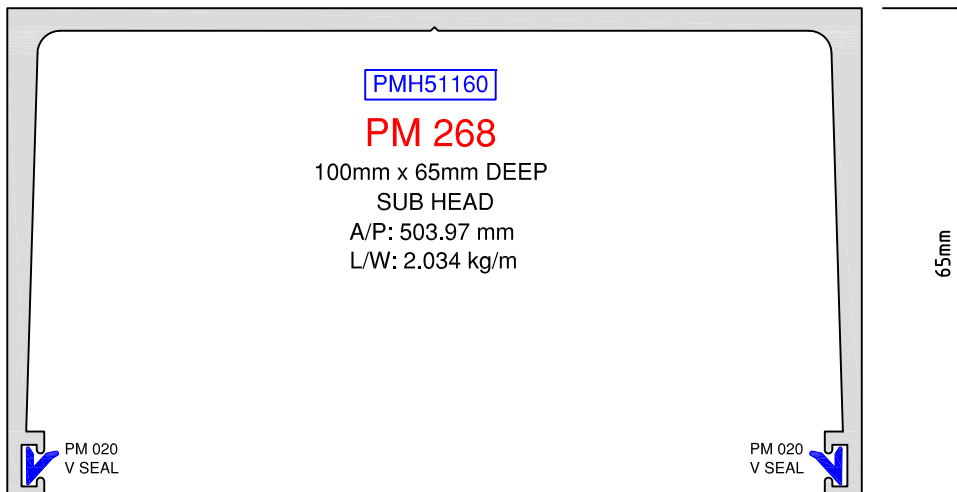
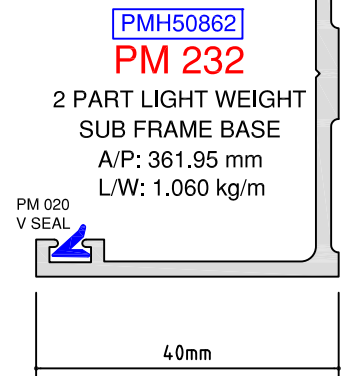
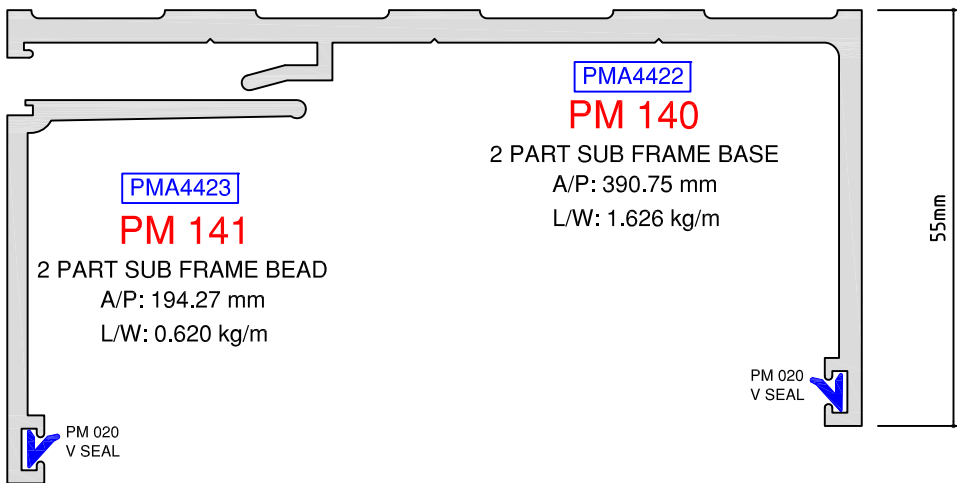
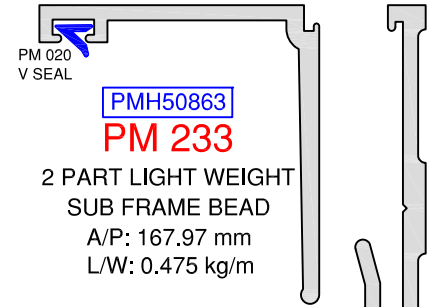
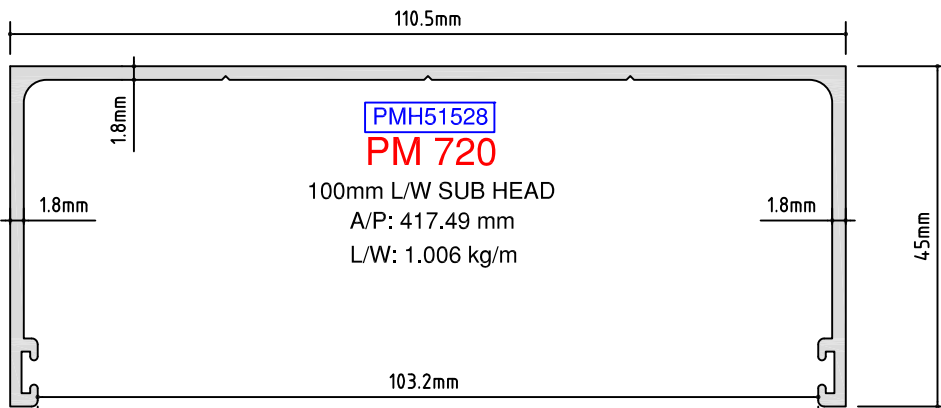
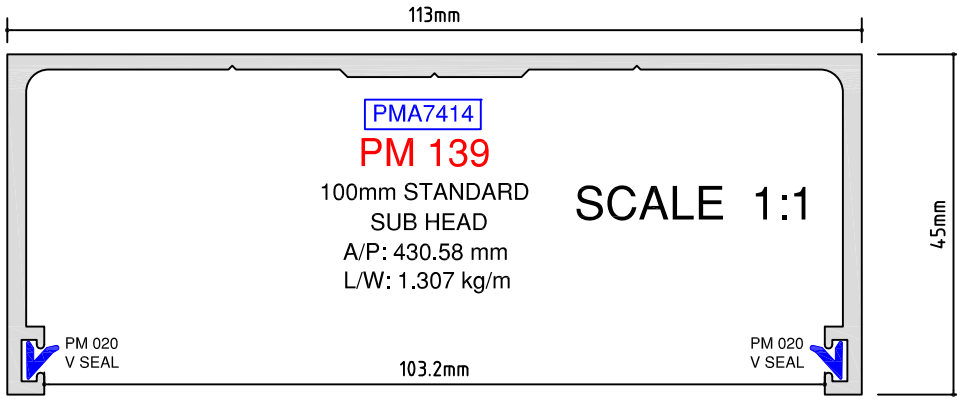
PM 227

PMH50166

100mm - 65mm DEEP SUB SILL (SLOTTED)
A/P: 600.11 mm
L/W: 1.786 kg/m

100mm - SUB FRAME SECTIONS

SCALE 1:1

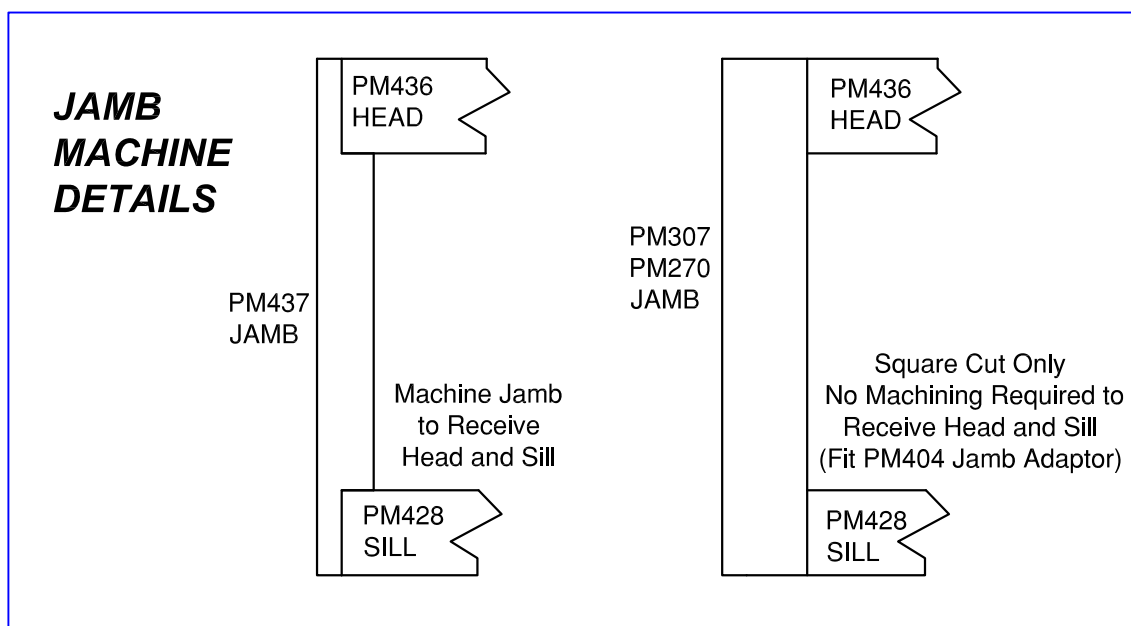
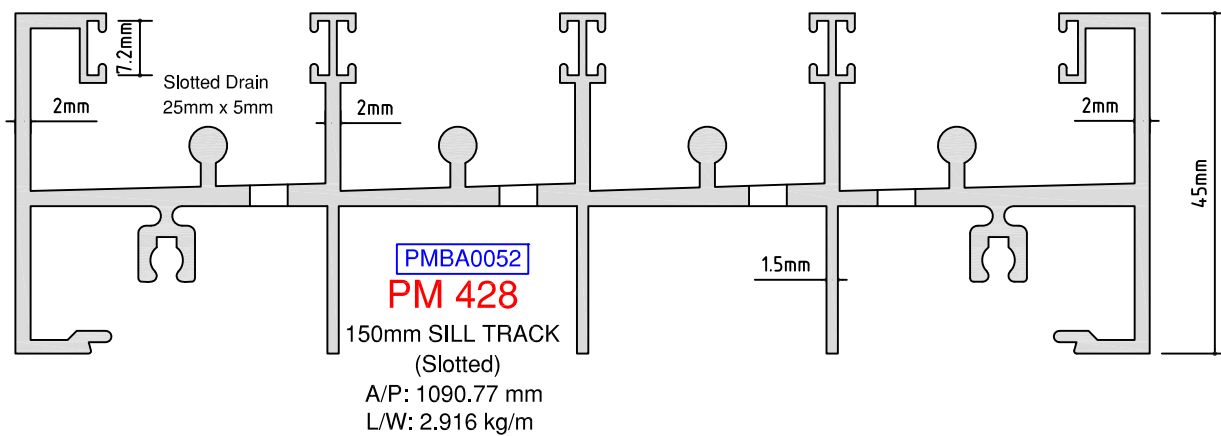
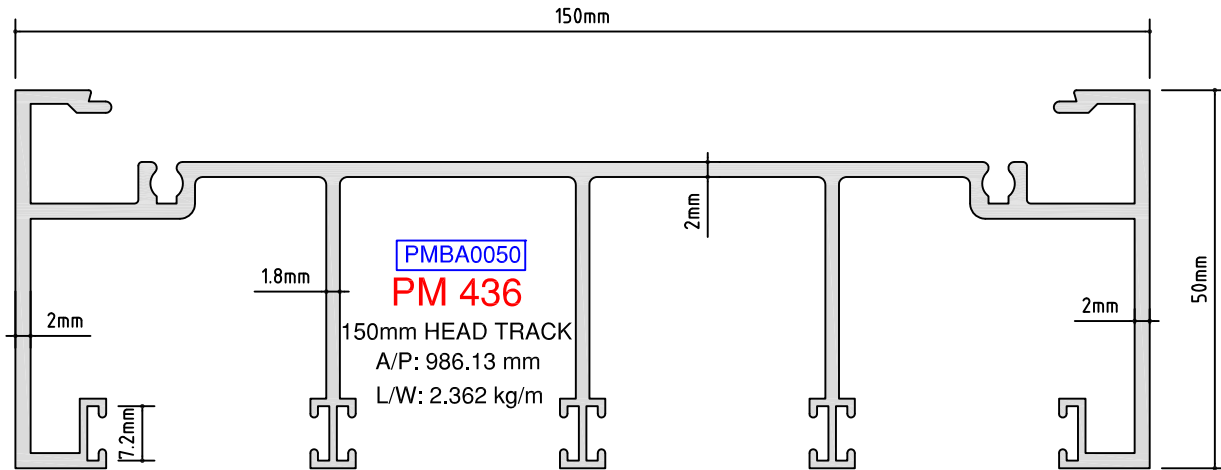


3006 SERIES DOORS

150mm - 4 TRACK

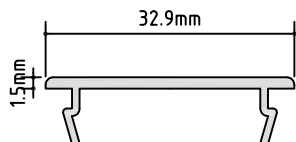
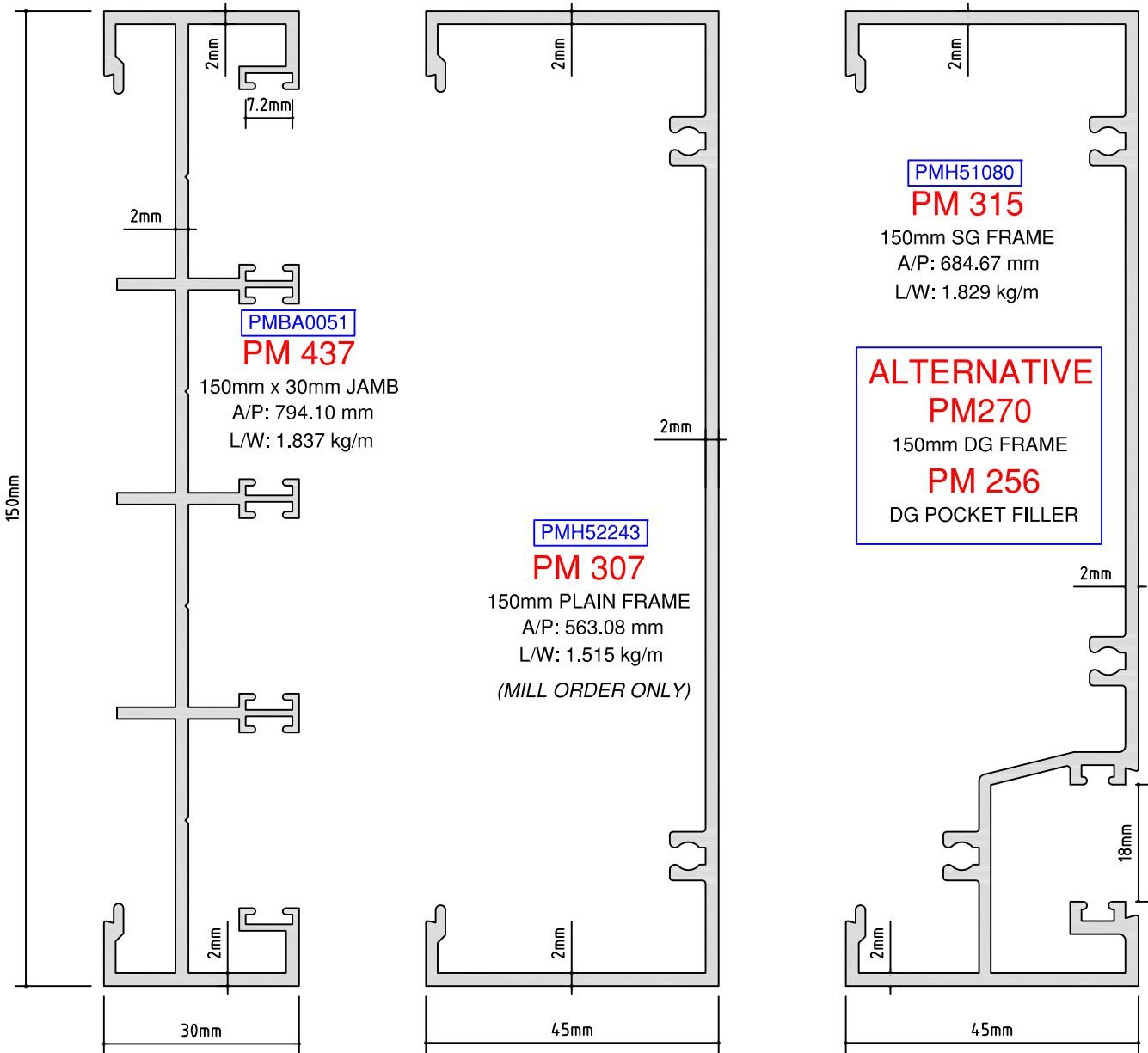
SLIDING DOOR SECTIONS

SCALE 1:1

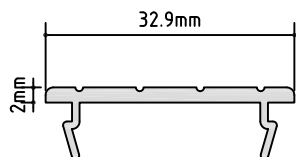


150mm - 4 TRACK SLIDING DOOR SECTIONS

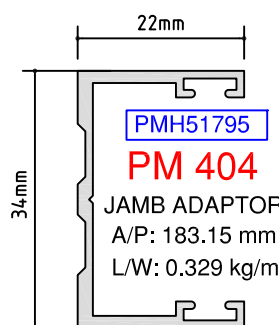
SCALE 1:1



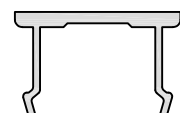
PMA6237
PM 405
PLAIN TRACK INFILL
A/P: 101.34 mm
L/W: 0.179 kg/m



PMBA0100
PM 416
TREAD THRESHOLD
A/P: 104.10 mm
L/W: 0.218 kg/m



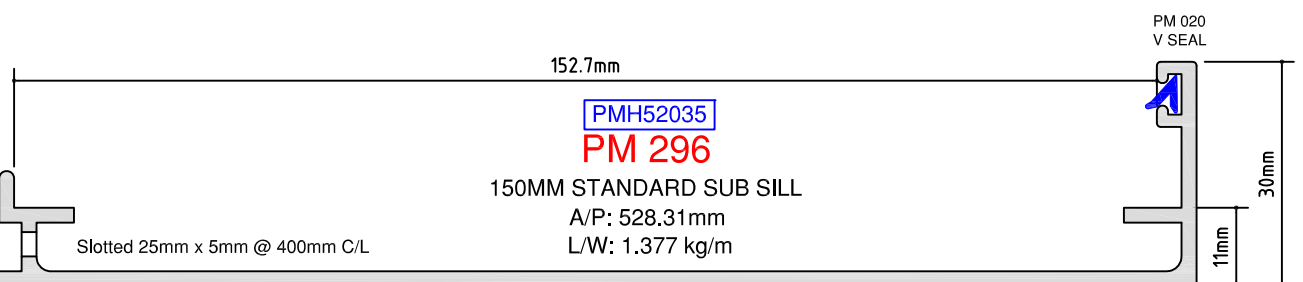
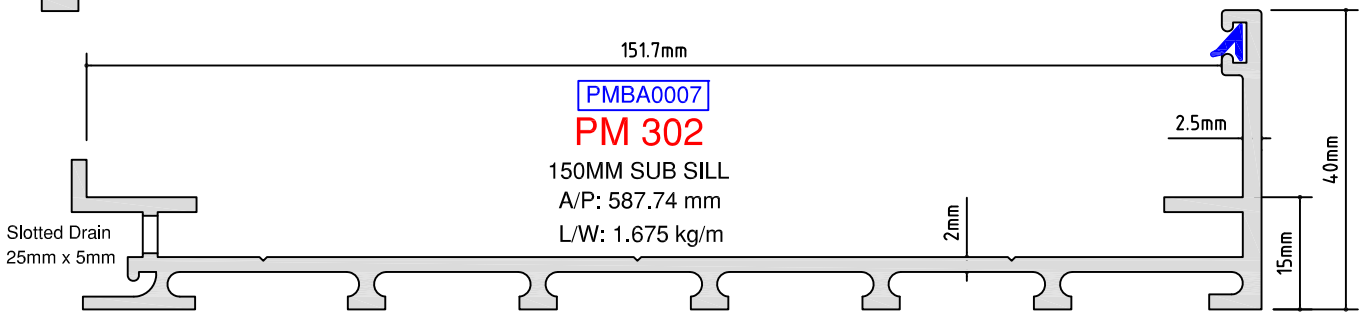
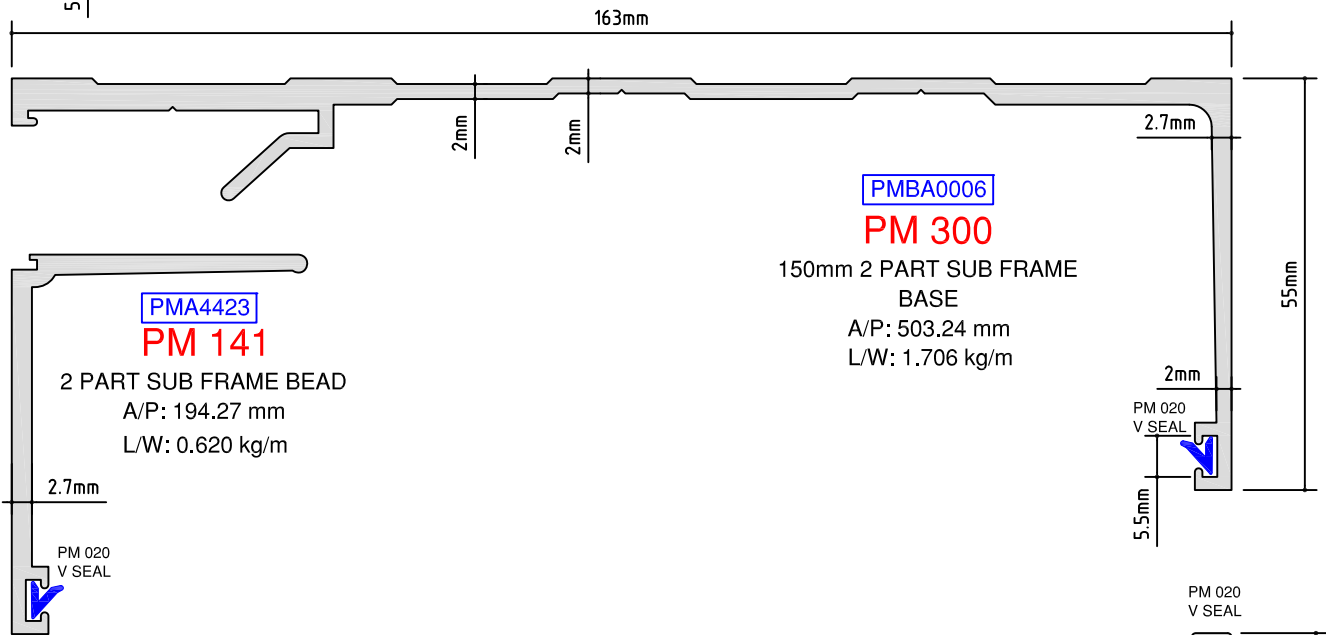
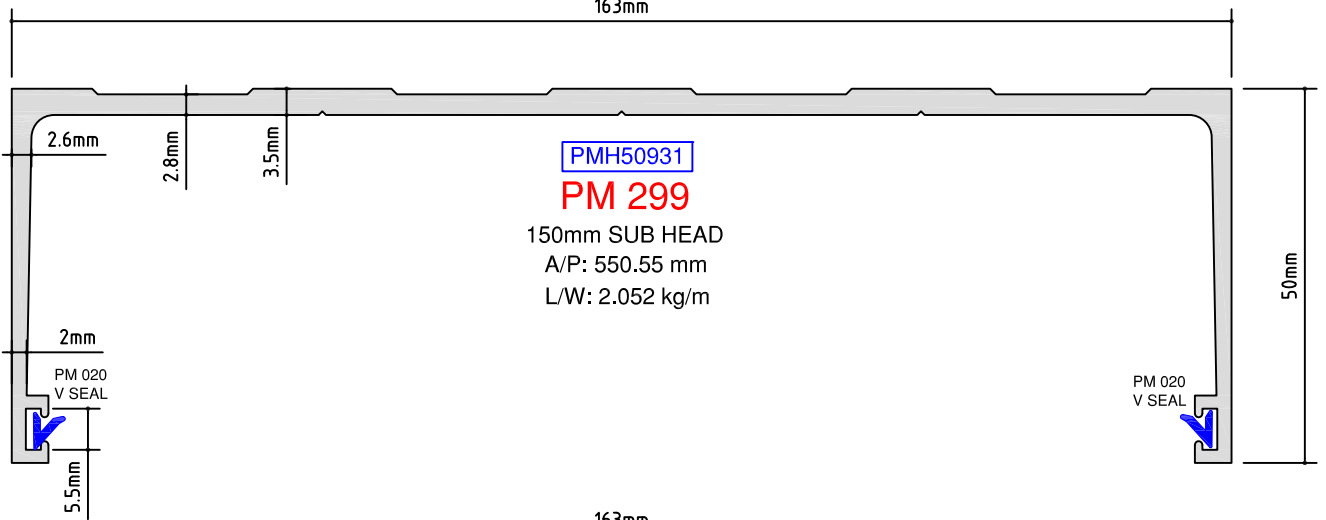
PMH51795
PM 404
JAMB ADAPTOR
A/P: 183.15 mm
L/W: 0.329 kg/m



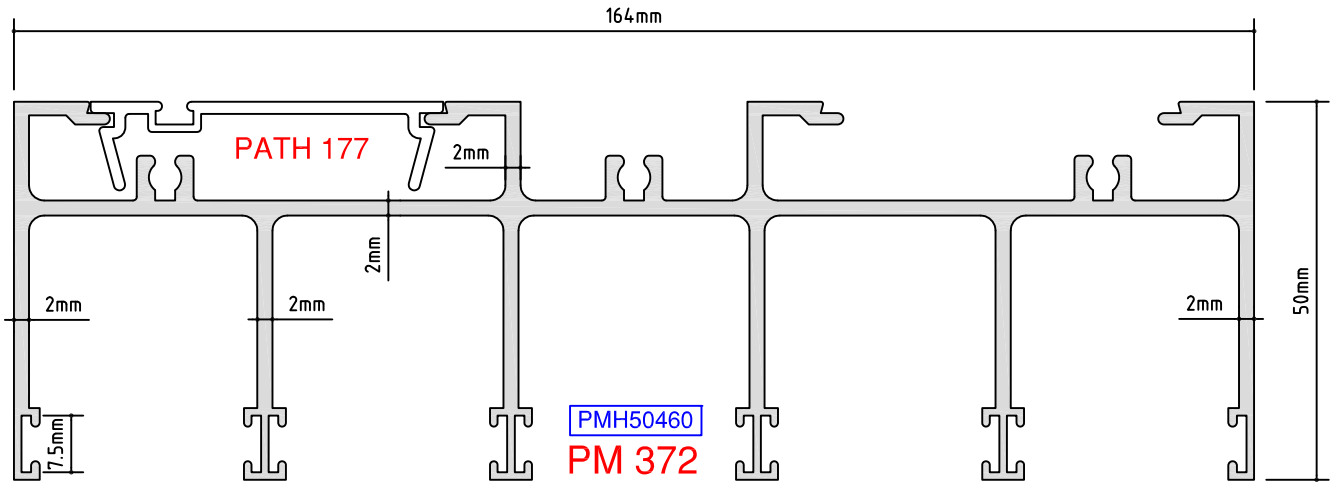
PMA6299
PM 116
POCKET FILLER
A/P: 104.23 mm
L/W: 0.177 kg/m

150mm - SUB FRAME SECTIONS

SCALE 1:1

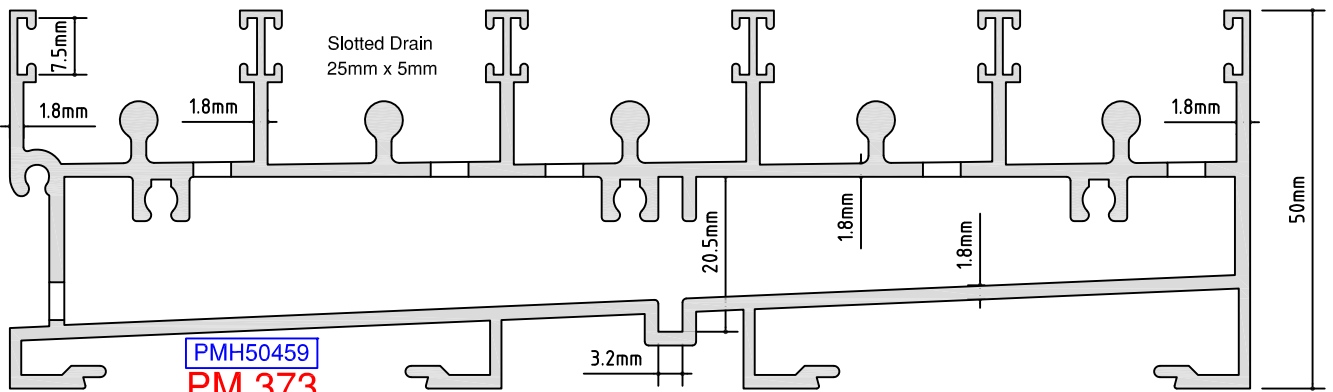


164mm - 5 TRACK SLIDING DOOR SECTIONS

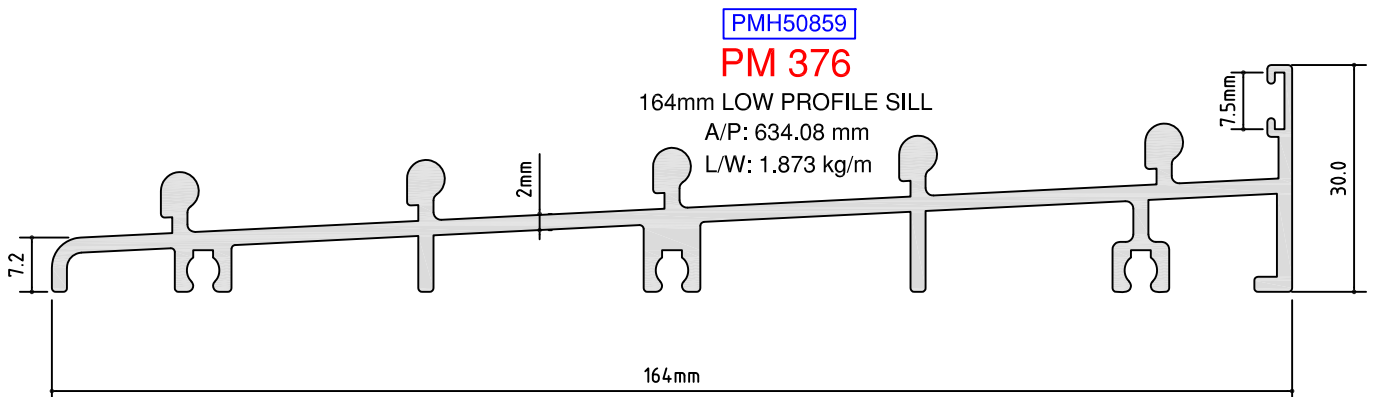


164mm HEAD TRACK
 A/P: 1131.63 mm
 L/W: 2.818 kg/m

SCALE 1:1

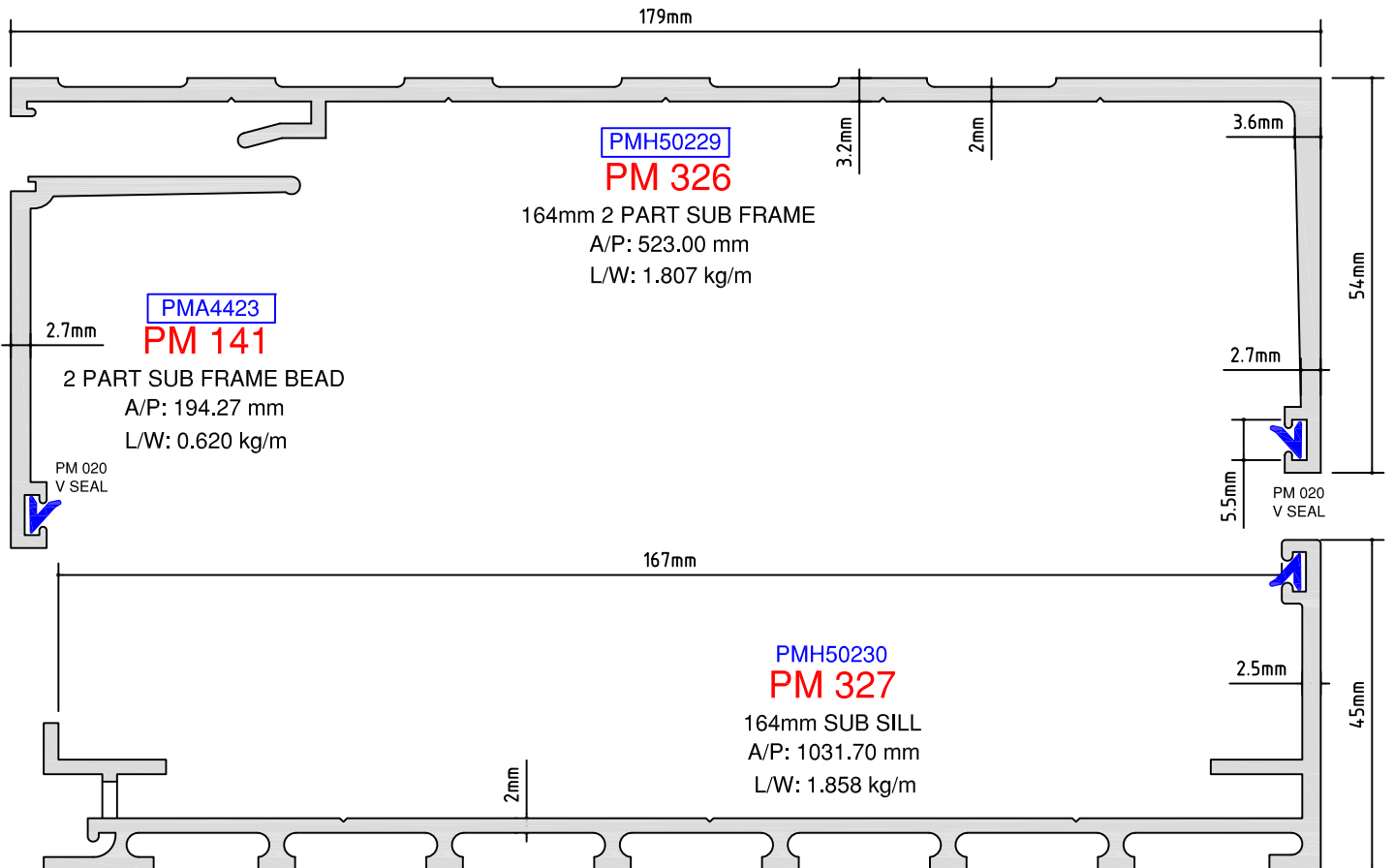
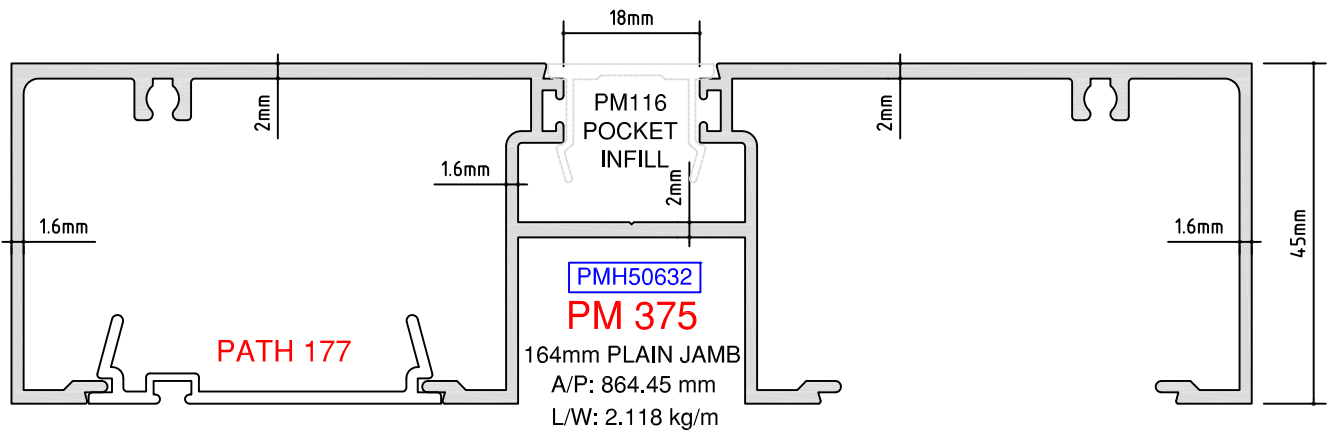
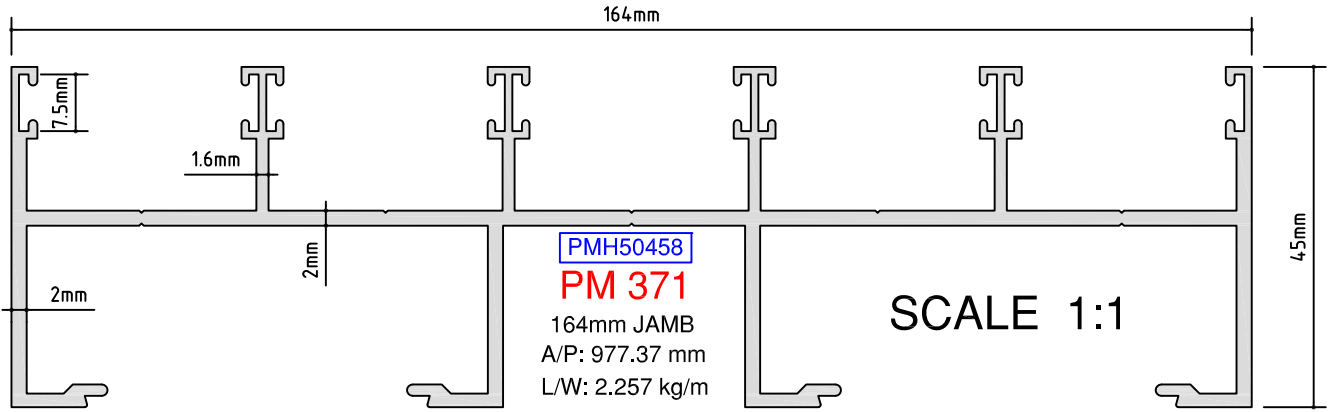


164mm SILL TRACK
 A/P: 1025.77 mm
 L/W: 3.506 kg/m



164mm LOW PROFILE SILL
 A/P: 634.08 mm
 L/W: 1.873 kg/m

164mm - 5 TRACK SLIDING DOOR SECTIONS



3006 SERIES DOORS

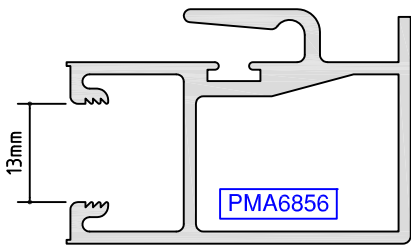
A126

SLIDING SASH PROFILES

13mm POCKET

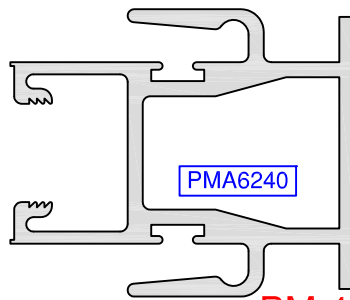
SINGLE GLAZING to 10.5mm

SCALE 1:1



PM 414

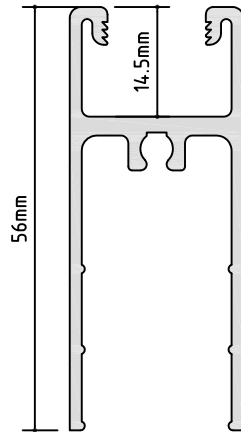
STANDARD INTERLOCK
A/P: 264.62 mm
L/W: 0.869 kg/m



PMA6240

PM 409

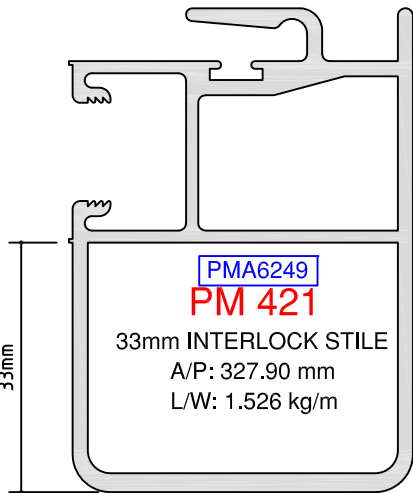
DOUBLE INTERLOCK STILE
A/P: 330.20 mm
L/W: 1.165 kg/m



PMH50536

PM 369

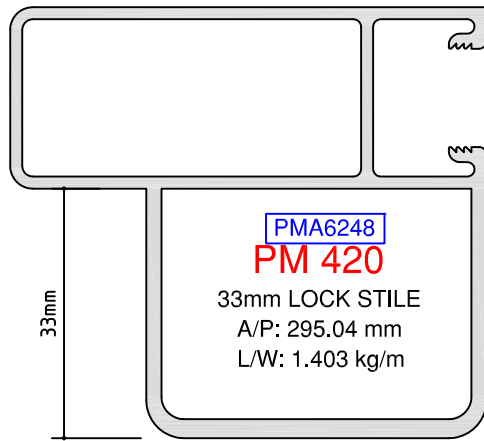
56mm RAIL
A/P: 310.58 mm
L/W: 0.735 kg/m



PMA6249

PM 421

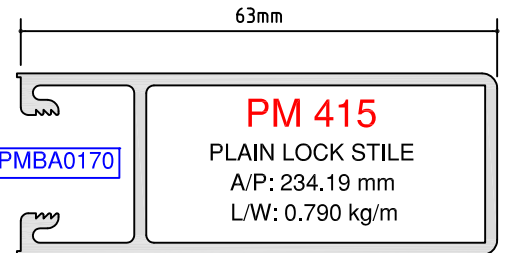
33mm INTERLOCK STILE
A/P: 327.90 mm
L/W: 1.526 kg/m



PMA6248

PM 420

33mm LOCK STILE
A/P: 295.04 mm
L/W: 1.403 kg/m



PMBA0170

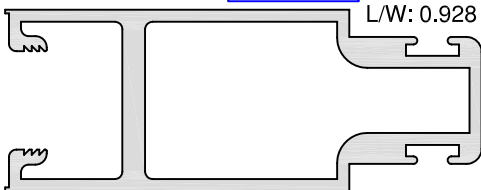
PM 415

PLAIN LOCK STILE
A/P: 234.19 mm
L/W: 0.790 kg/m

PM 434

MALE MEETING STILE

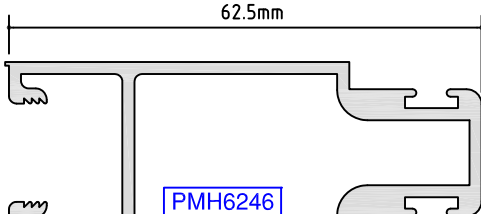
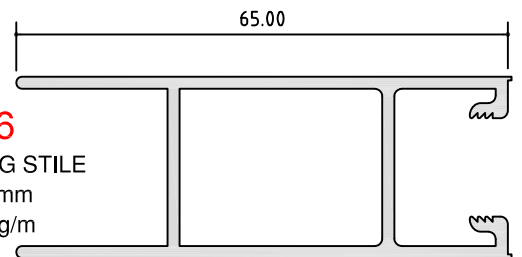
PMH50063 A/P: 254.67 mm
L/W: 0.928 kg/m



PMH50398

PM 396

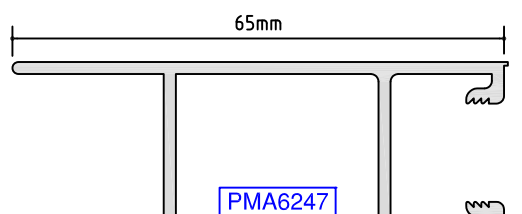
FEMALE MEETING STILE
A/P: 279.31 mm
L/W: 0.810 kg/m



PMH6246

PM 418

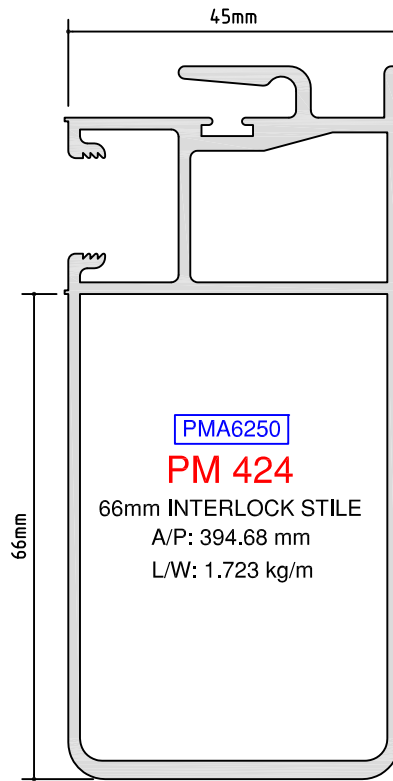
33mm MALE MEETING STILE
A/P: 315.59 mm
L/W: 1.595 kg/m



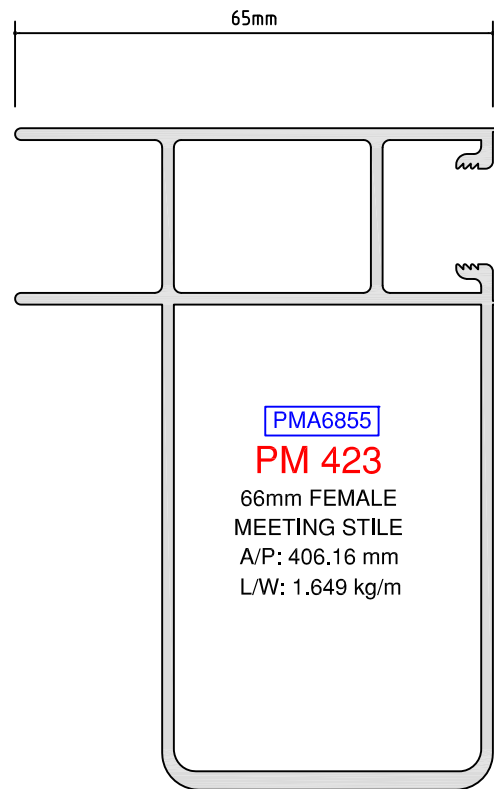
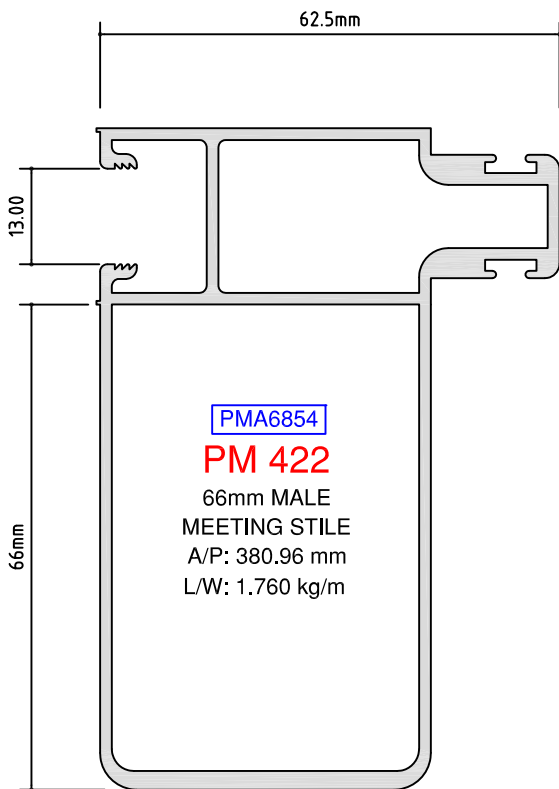
PMA6247

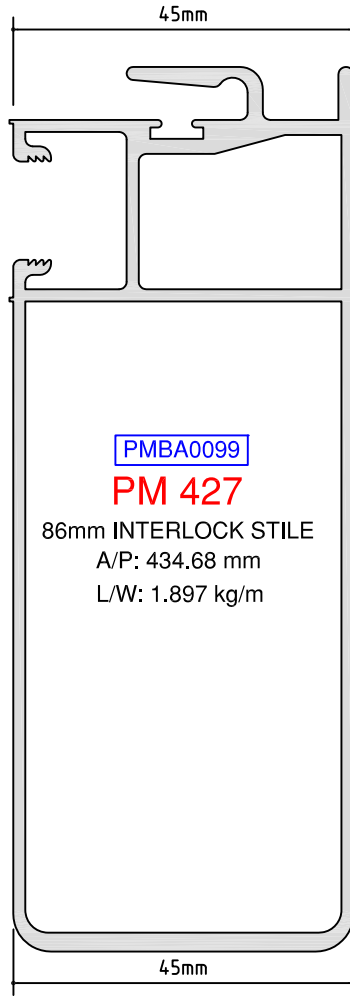
PM 419

33mm FEMALE MEETING STILE
A/P: 341.02 mm
L/W: 1.426 kg/m



SCALE 1:1





PMA0099

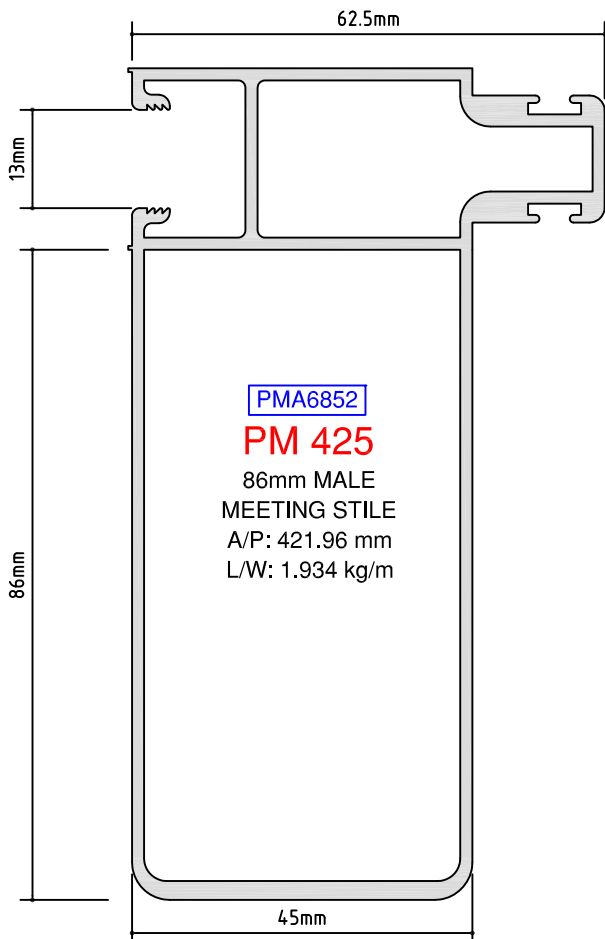
PM 427

86mm INTERLOCK STILE

A/P: 434.68 mm

L/W: 1.897 kg/m

SCALE 1:1



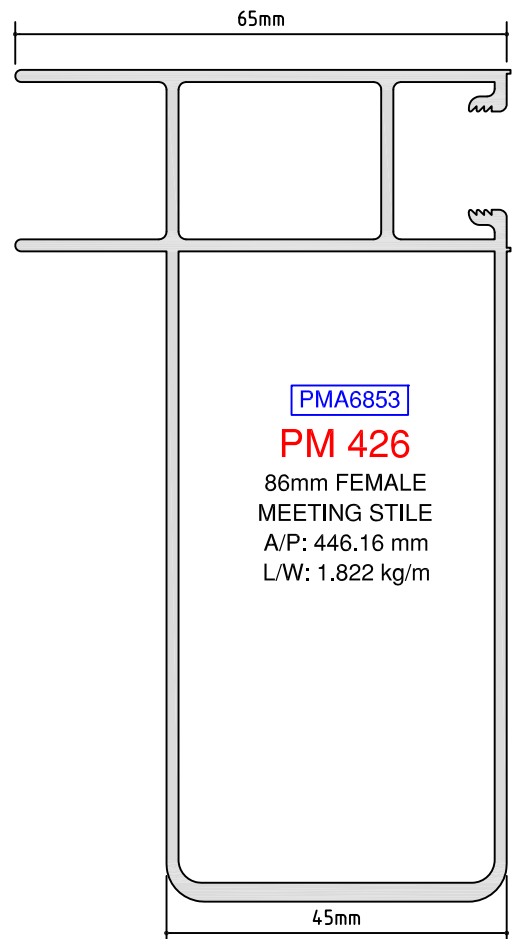
PMA6852

PM 425

86mm MALE
 MEETING STILE

A/P: 421.96 mm

L/W: 1.934 kg/m



PMA6853

PM 426

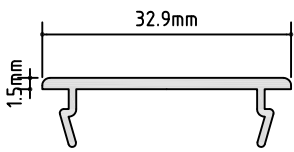
86mm FEMALE
 MEETING STILE

A/P: 446.16 mm

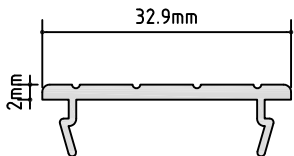
L/W: 1.822 kg/m

SLIDING DOOR INFILLS & ADAPTORS

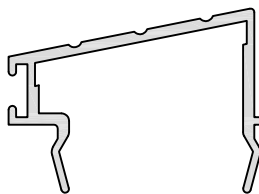
SCALE 1:1



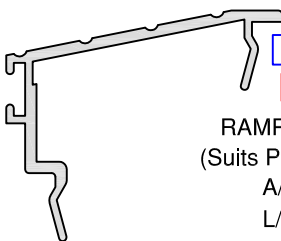
PMA6237
PM 405
PLAIN TRACK INFILL
A/P: 101.34 mm
L/W: 0.179 kg/m



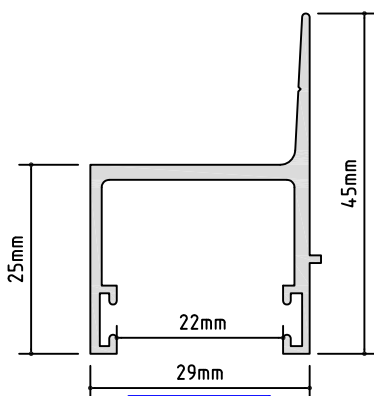
PMBA0100
PM 416
TREAD THRESHOLD
A/P: 104.10 mm
L/W: 0.218 kg/m



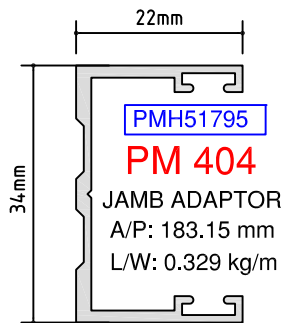
PMBA0101
PM 440
RAMPED THRESHOLD
(Suits PM400 High Rise Sill)
A/P: 172.31 mm
L/W: 0.298 kg/m



PMBA0102
PM 449
RAMPED THRESHOLD
(Suits PM400 High Rise Sill)
A/P: 174.52 mm
L/W: 0.297 kg/m

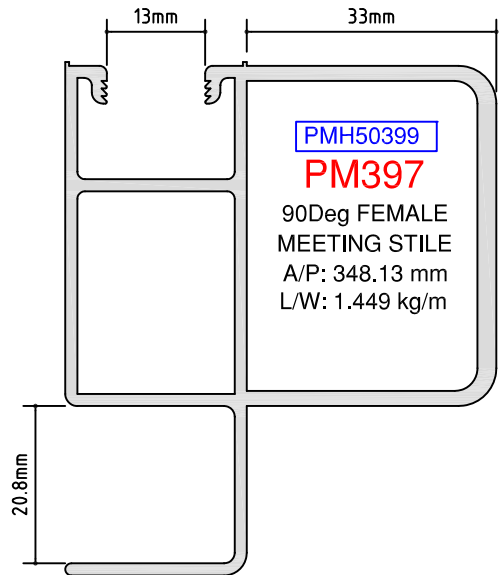
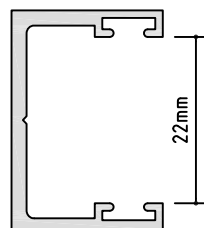


PMH51797
PM 445
SINGLE HEAD TRACK
ADAPTOR
A/P: 221.01 mm
L/W: 0.473 kg/m

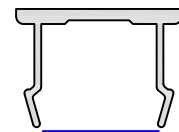


PMH51795
PM 404
JAMB ADAPTOR
A/P: 183.15 mm
L/W: 0.329 kg/m

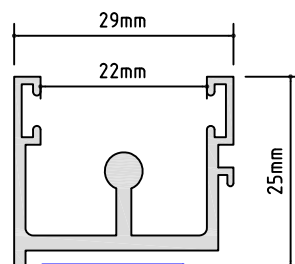
PMH52018
PM740
SCREEN DOOR
CHANNEL
A/P: 160.34 mm
L/W: 0.339 kg/m



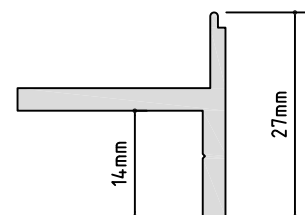
PMH50399
PM397
90Deg FEMALE
MEETING STILE
A/P: 348.13 mm
L/W: 1.449 kg/m



PMA6299
PM 116
POCKET FILLER
A/P: 104.23 mm
L/W: 0.177 kg/m



PMH51798
PM 447
SINGLE SILL TRACK
ADAPTOR
A/P: 204.15 mm
L/W: 0.438 kg/m

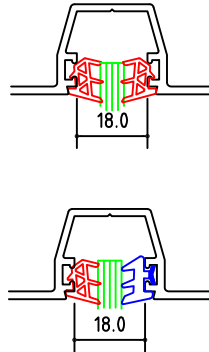


PMBA1224
PM 448
TRACK SUPPORT
A/P: 108.82 mm
L/W: 0.385 kg/m

GLAZING DETAILS

ROLL IN WEDGE + ROLL IN WEDGE









Glass Thickness	Roll-in Wedge	Roll-in Wedge
5.00mm	PM 004	PM 004
6.00mm	PM 006	PM 006
6.38mm	PM 006	PM 006
8.00mm	PM 007	PM 007
8.38mm	PM 007	PM 007
10.00mm	PM 005	PM 005
10.38mm	PM 005	PM 005



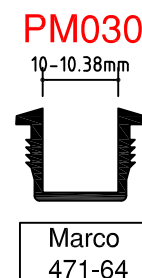
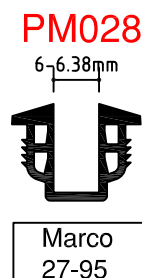
CAPTIVE WEDGE + ROLL IN WEDGE

Glass Thickness	Captive Wedge	Roll-in Wedge
6.00mm	PM 001	PM 000
6.38mm	PM 001	PM 000
8.00mm	PM 001	PM 000
8.38mm	PM 001	PM 000
10.00mm	PM 001	PM 004
10.38mm	PM 002	PM 004

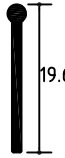

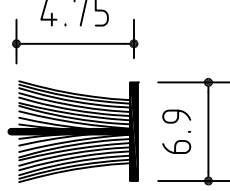
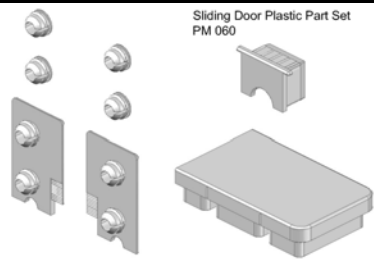
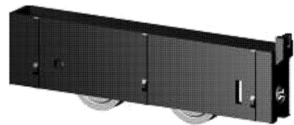
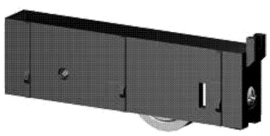
WEDGE TYPES (P.V.C MATERIAL)

							
White Back	Red Back	Blue Back	Roll in	Roll in	Roll in	Roll in	Roll in
Captive	Captive	Captive	Part No:	Part No:	Part No:	Part No:	Part No:
PM 001	PM 002	PM 003	PM 004	PM 005	PM 006	PM 007	PM 008

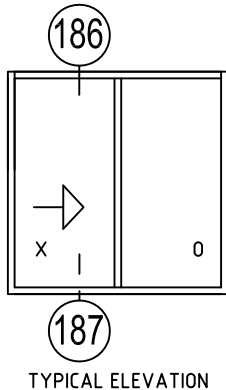
SASH GLAZING CHANNELS



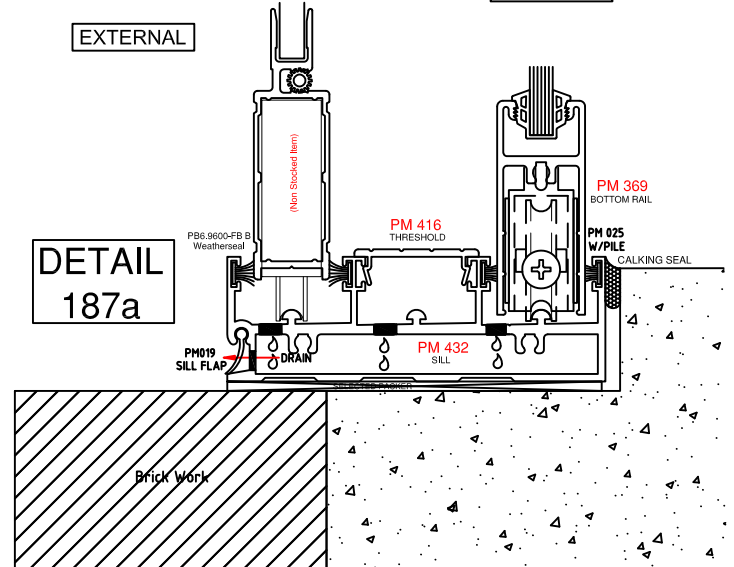
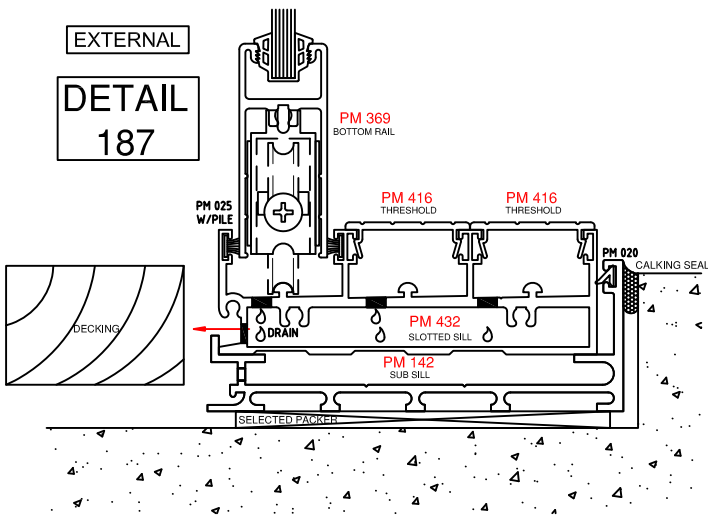
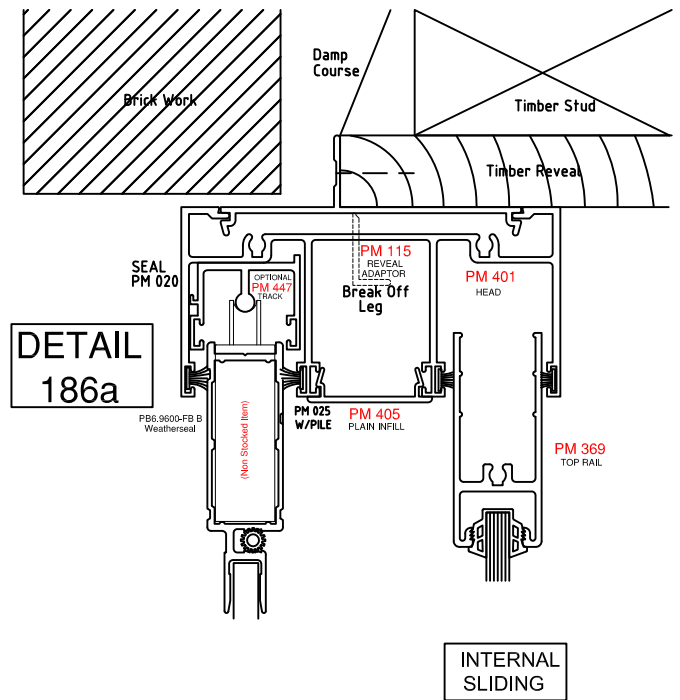
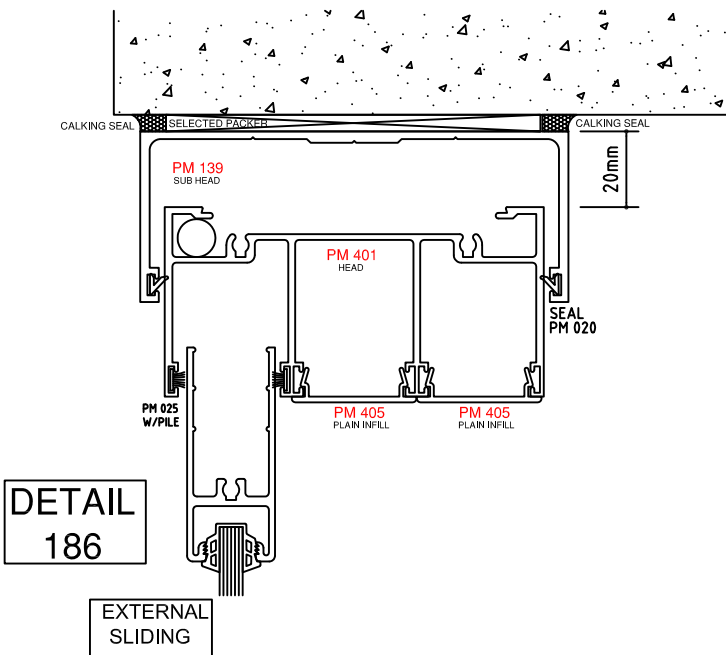
COMPONENTS

SHAPE	PART No:	FITS TO SECTIONS
	<p>PM019 19.6mm SILL FLAP</p>	<p>PM138, PM280</p>
	<p>PM020 MULLION / SUB FRAME V SEAL</p>	<p>PM138, PM139, PM140, PM141, PM142 , PM145, PM232, PM233, PM706, PM720</p>
	<p>PM 025 FINNED WOOL PILE</p>	<p>PM280, PM398, PM401, PM404, PM406, PM412, PM417, PM414, PM418, PM421, PM434</p>
 <p>Sliding Door Plastic Part Set PM 060</p>	<p>PM 060 3006 SERIES SASH PLASTIC PART SET</p>	<p>PM409, PM414, PM415, PM418, PM419, PM420, PM421, PM422, PM423, PM424, PM425, PM426, PM427</p>
	<p>PM 065 100kg DOUBLE WHEEL ROLLER</p>	<p>PM369</p>
	<p>PM 066 50kg SINGLE WHEEL ROLLER</p>	<p>PM369</p>

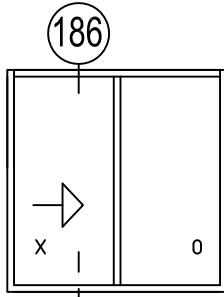
100mm x 45mm - 3 TRACK SLIDING DOOR INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS



SCALE 1:2

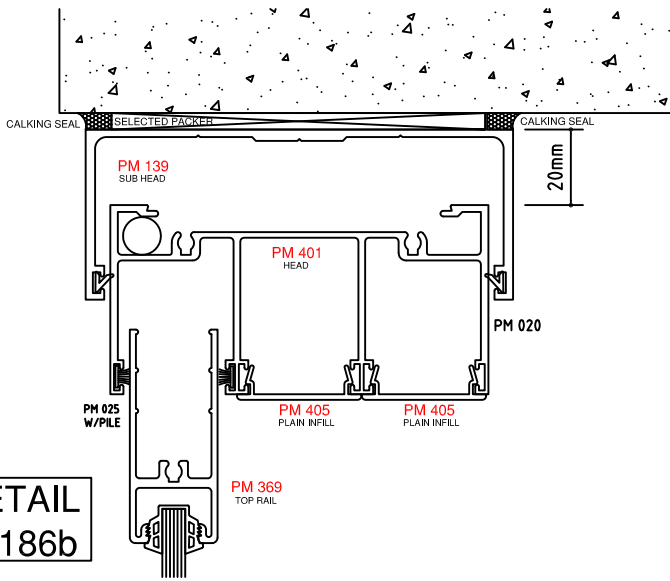


100mm x 45mm - 3 TRACK SLIDING DOOR INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS



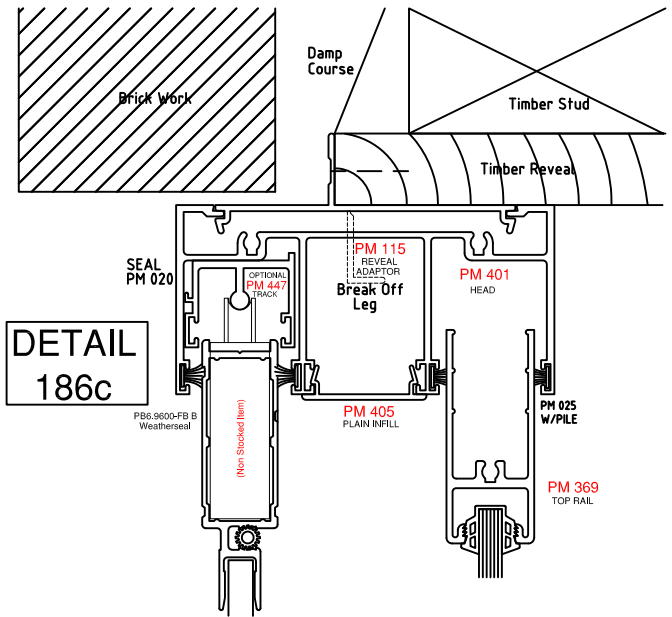
186
 187
 TYPICAL ELEVATION

SCALE 1:2



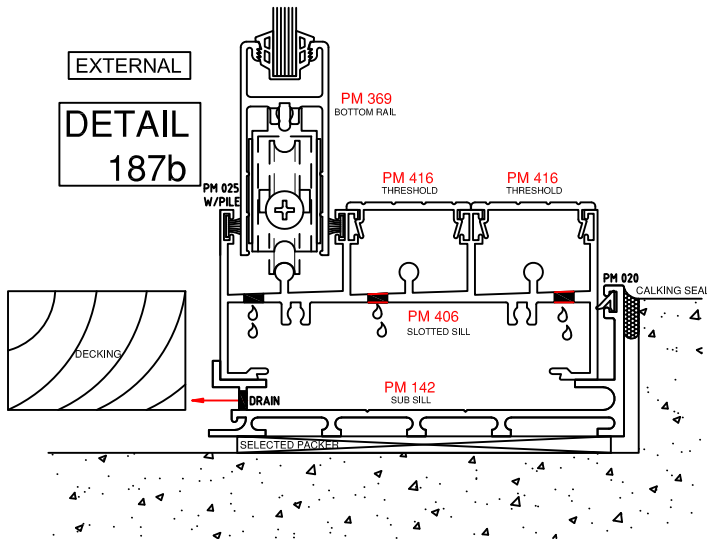
DETAIL
 186b

EXTERNAL
 SLIDING

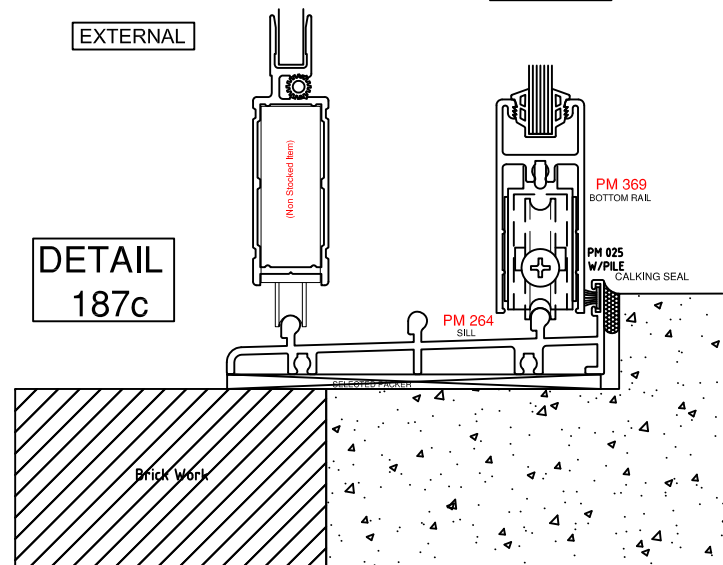


DETAIL
 186c

INTERNAL
 SLIDING



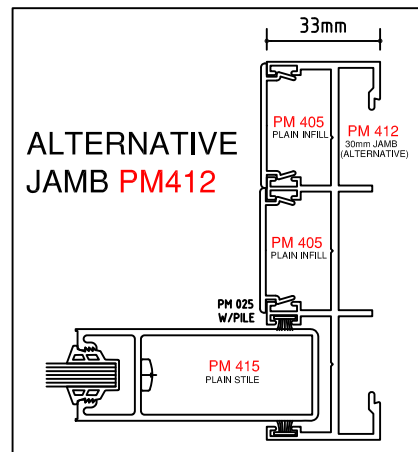
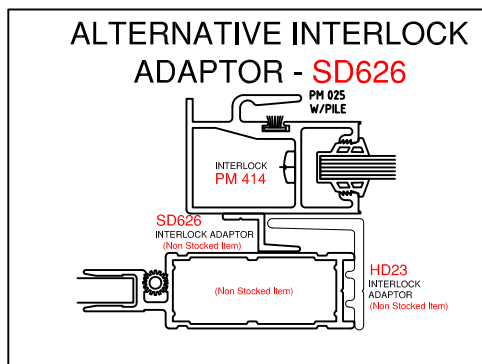
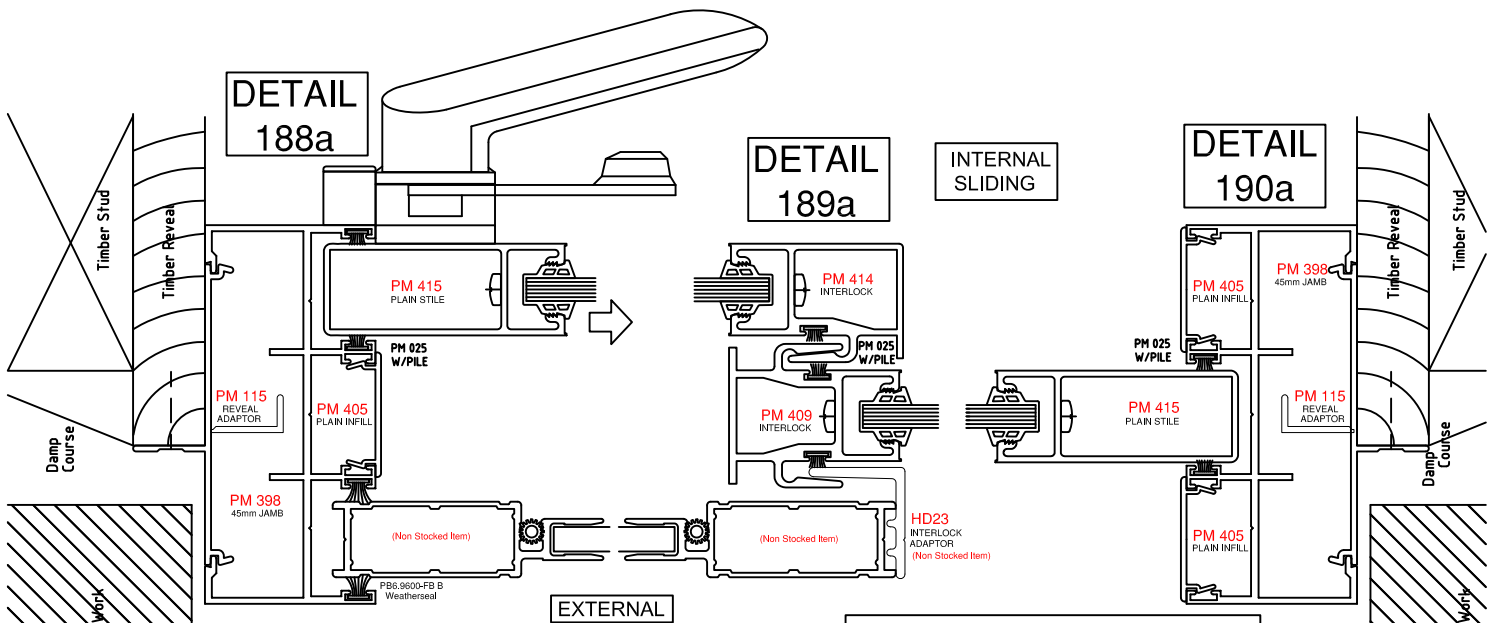
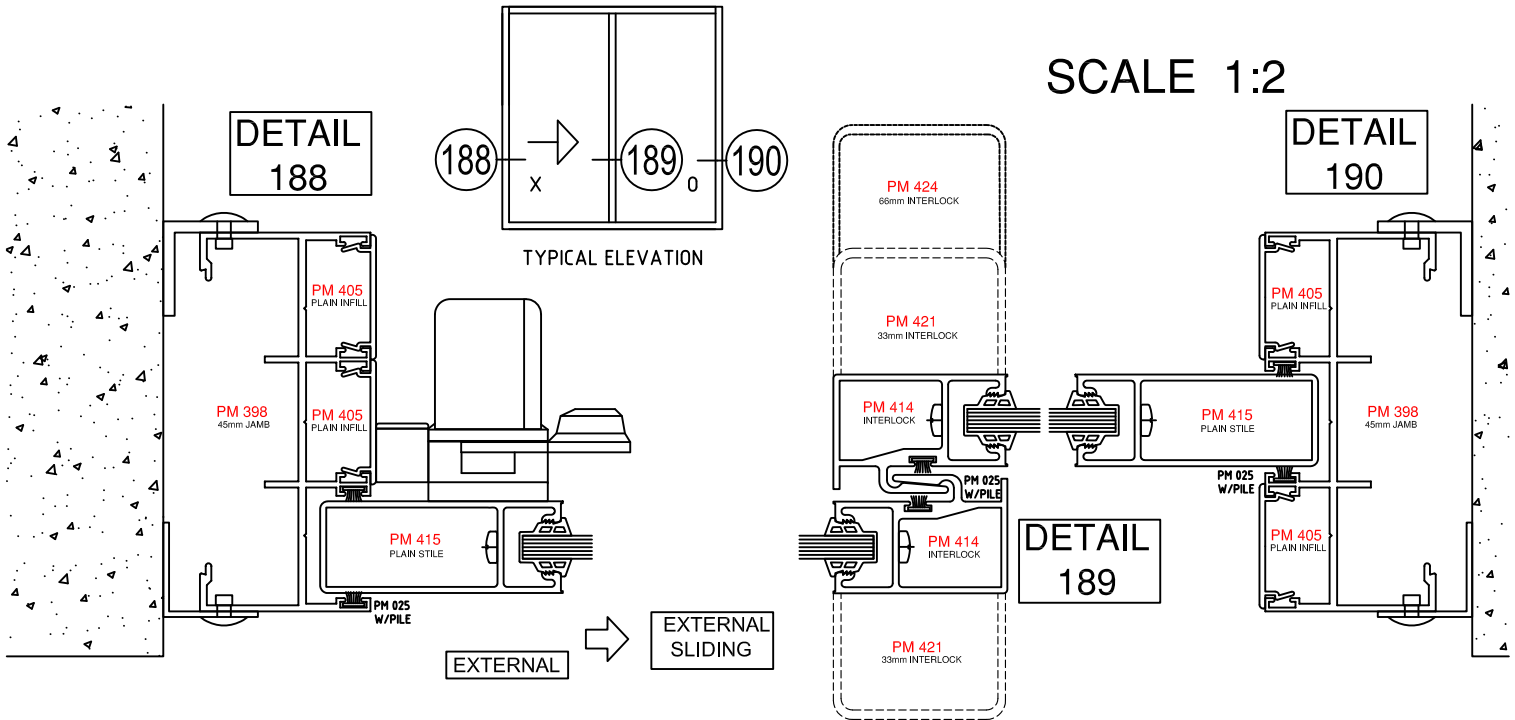
EXTERNAL
 DETAIL
 187b



EXTERNAL
 DETAIL
 187c

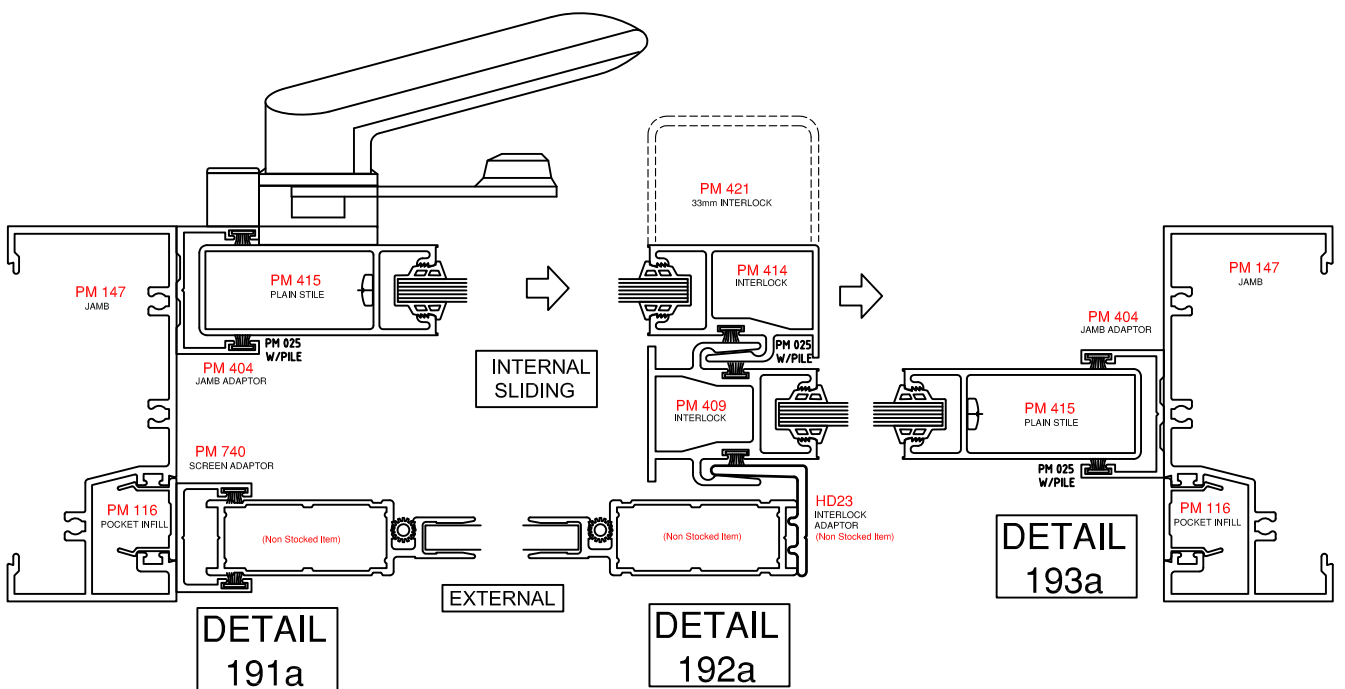
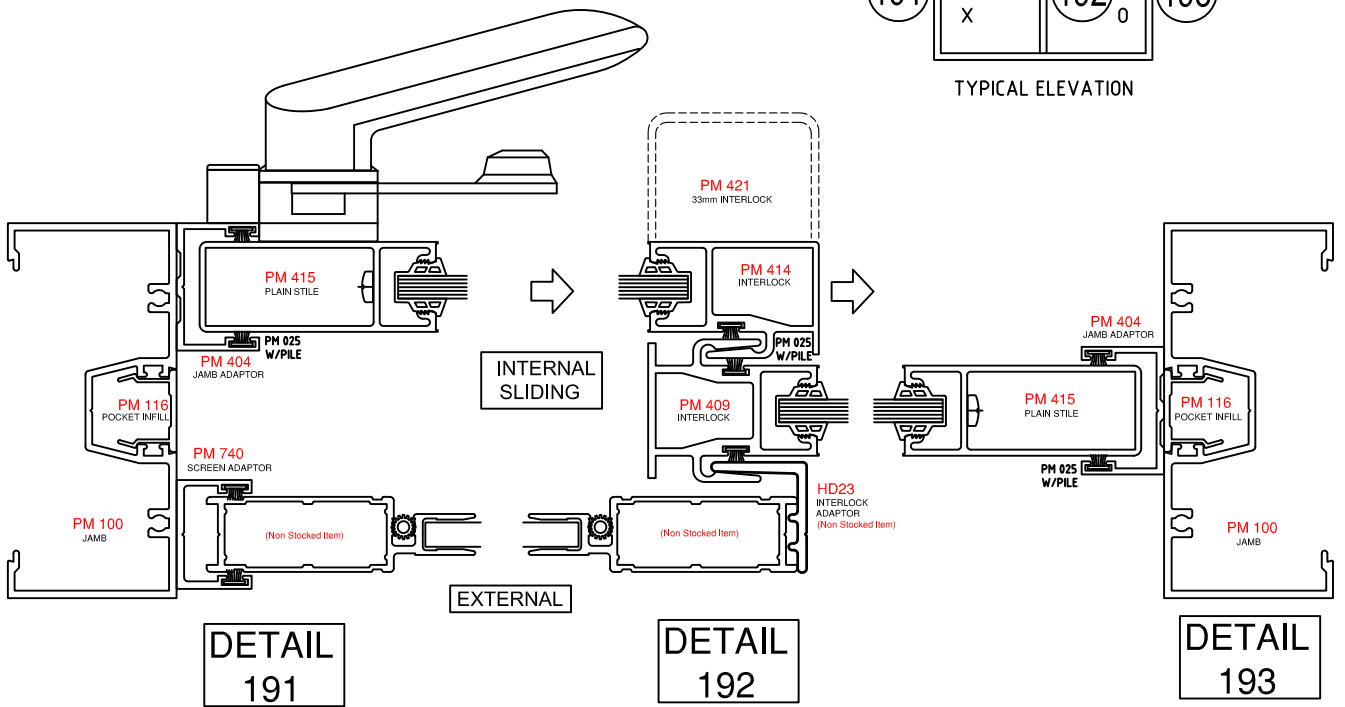
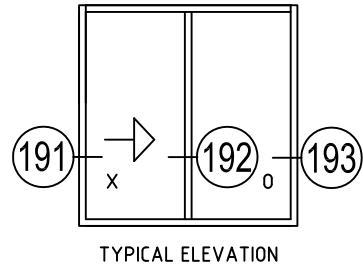
100mm x 45mm - 3 TRACK SLIDING DOOR INSTALLATION DETAILS SUB FRAME & TIMBER REVEALS

SCALE 1:2



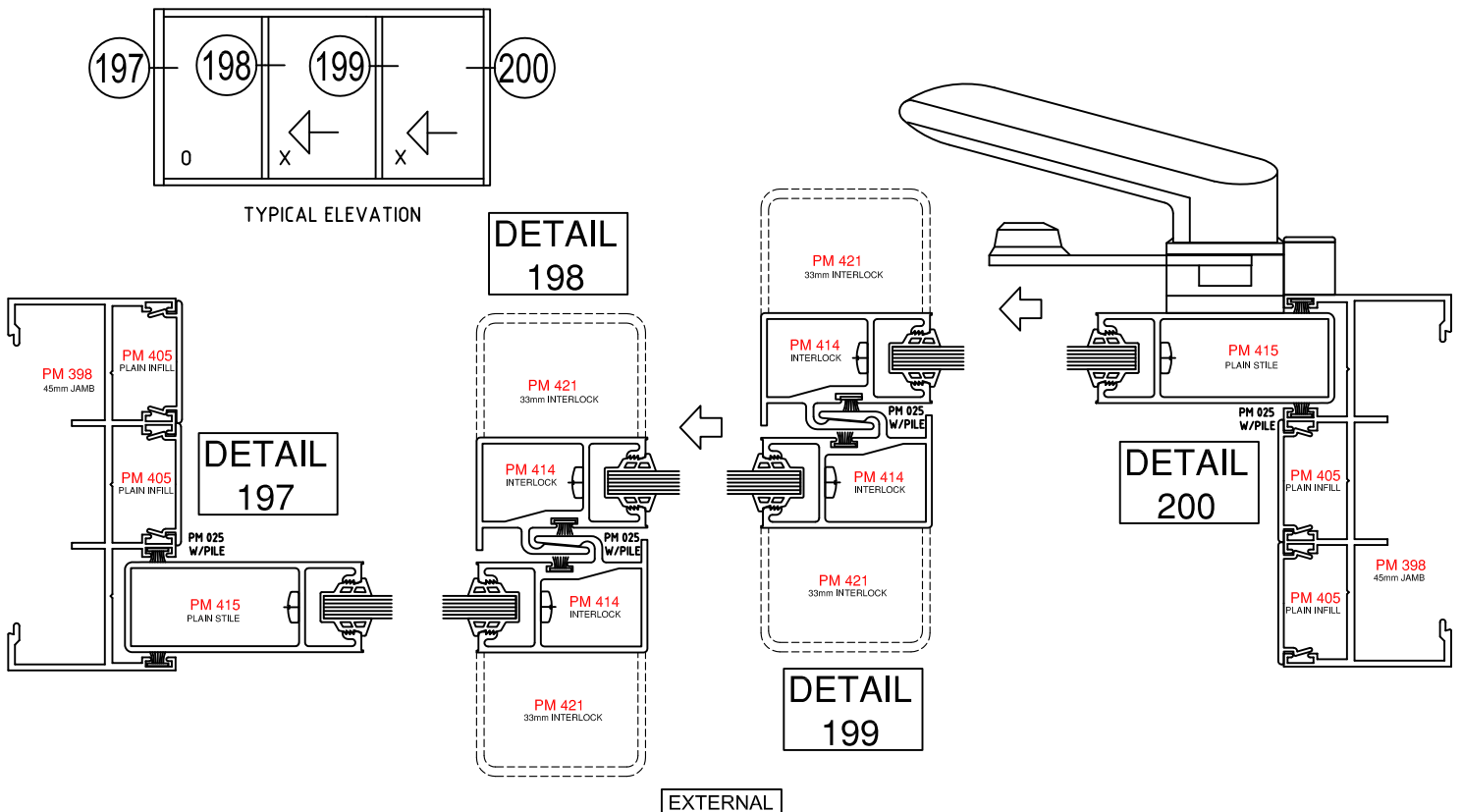
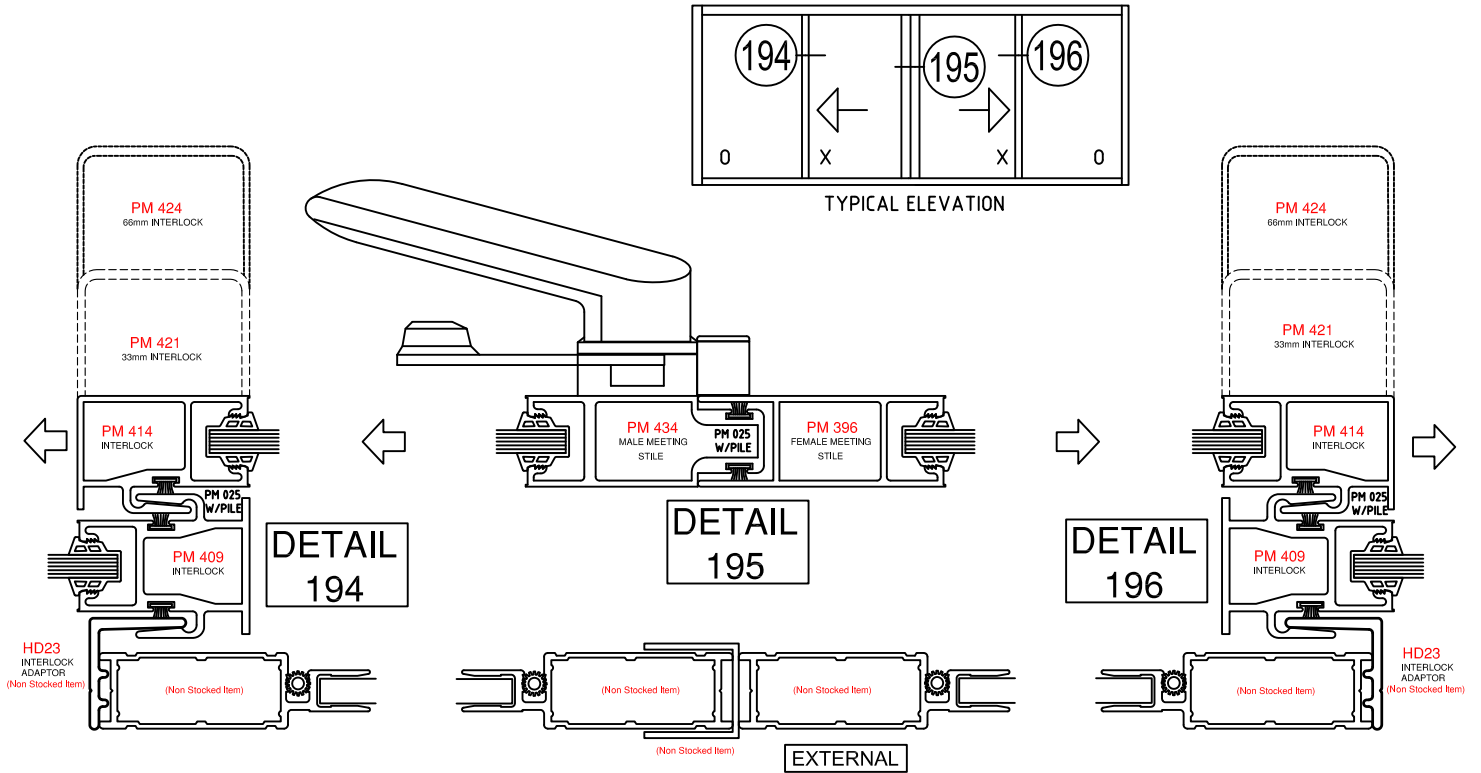
100mm x 45mm - 3 TRACK SLIDING DOOR DETAILS

SCALE 1:2



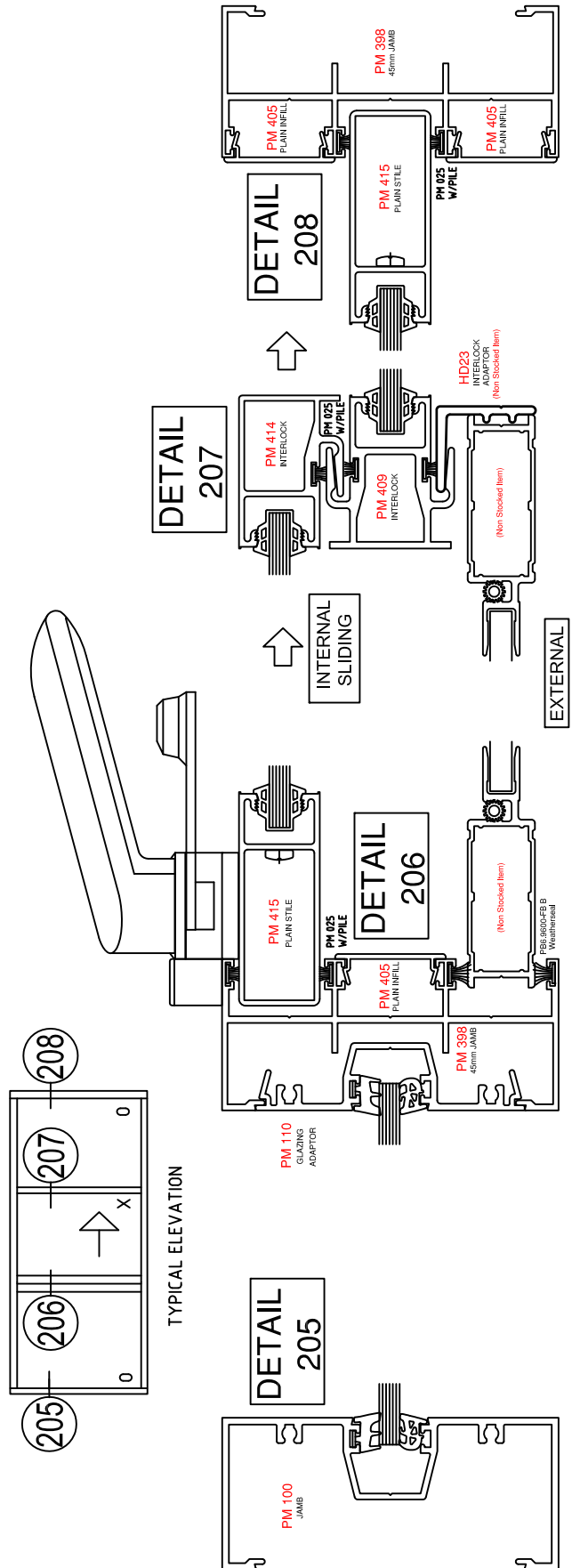
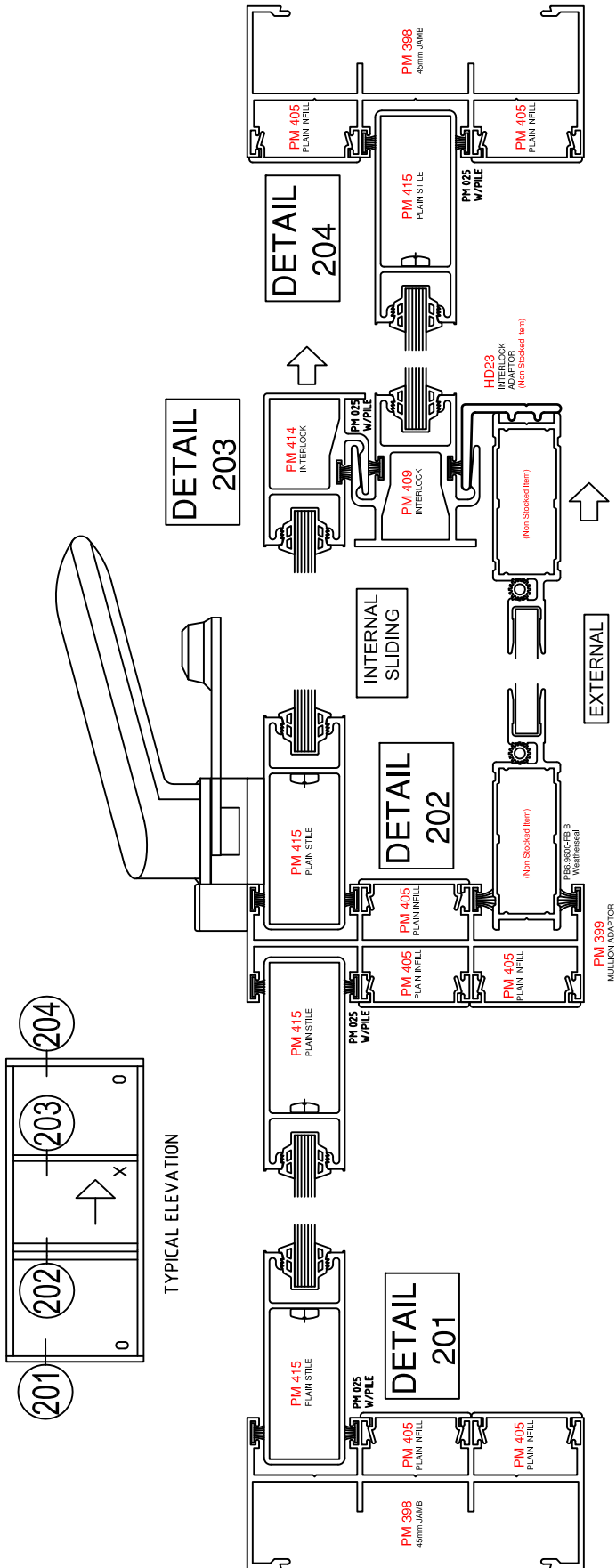
100mm x 45mm - 3 TRACK SLIDING DOOR DETAILS

SCALE 1:2

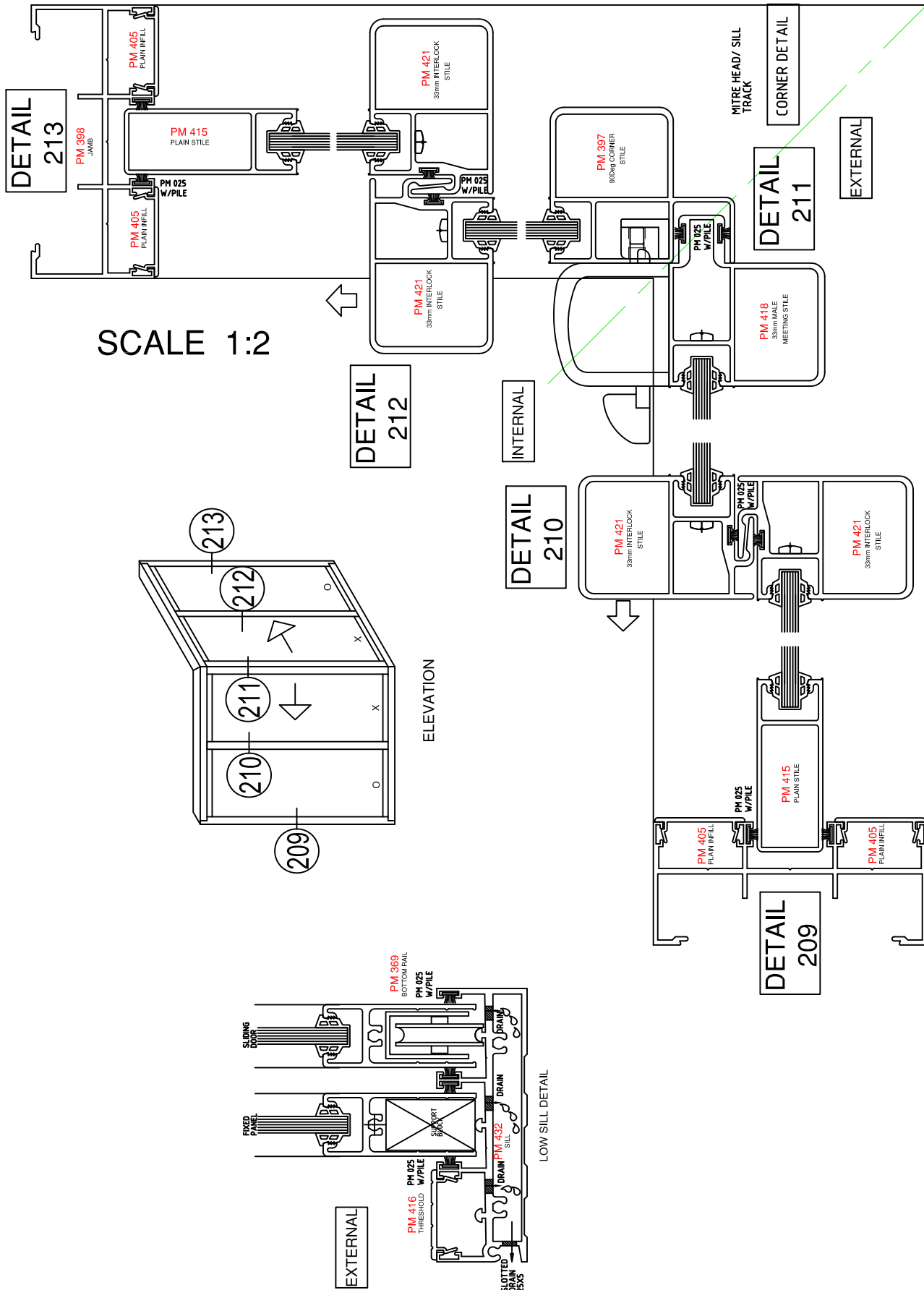


100mm x 45mm - 3 TRACK SLIDING DOOR DETAILS

SCALE 1:2

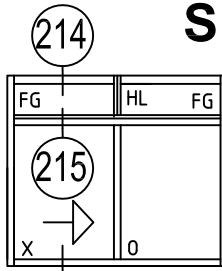


100mm x 45mm - 3 TRACK SLIDING DOOR DETAILS



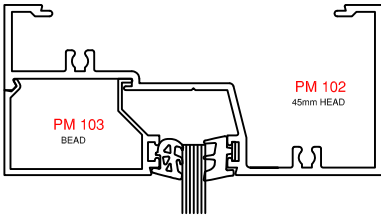
100mm x 45mm - 3 TRACK SLIDING DOOR DETAILS

SCALE 1:2

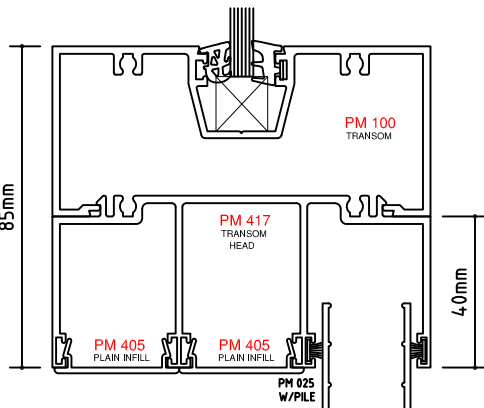
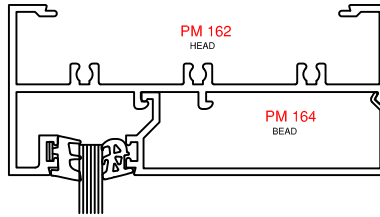


216 TYPICAL ELEVATION
HIGH LITE

DETAIL
214

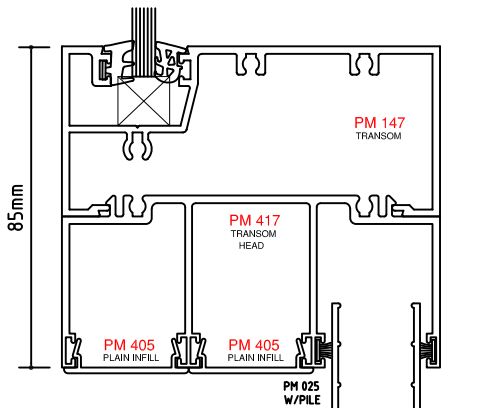


DETAIL
214a



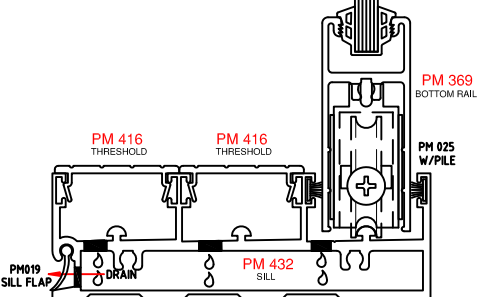
DETAIL
215

EXTERNAL

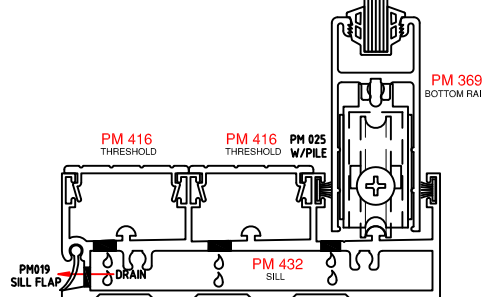


DETAIL
215a

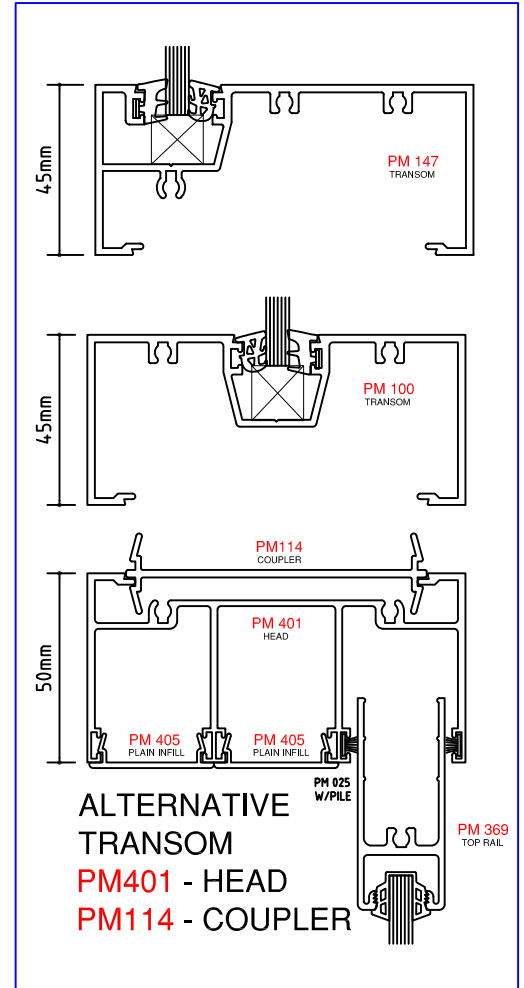
EXTERNAL



DETAIL
216

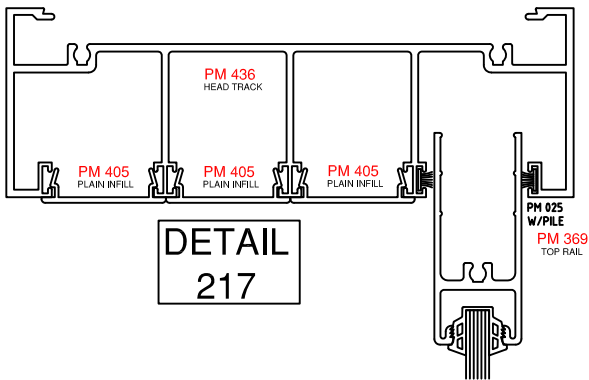
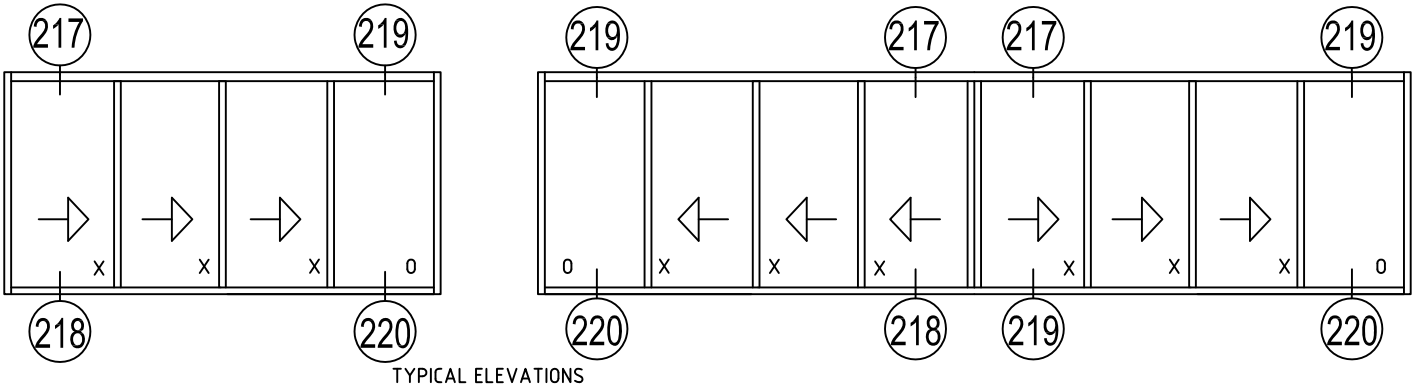


DETAIL
216a

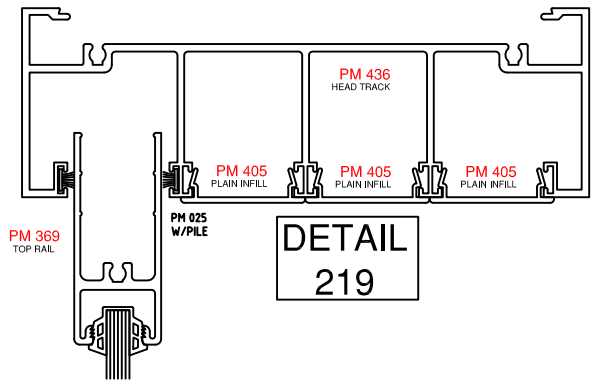


150mm x 45mm - 4 TRACK SLIDING DOOR DETAILS

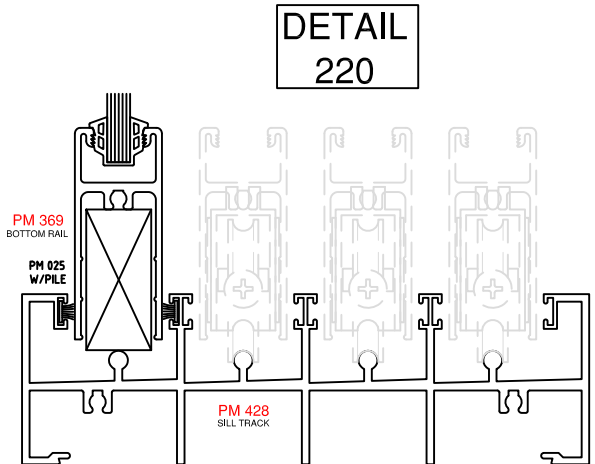
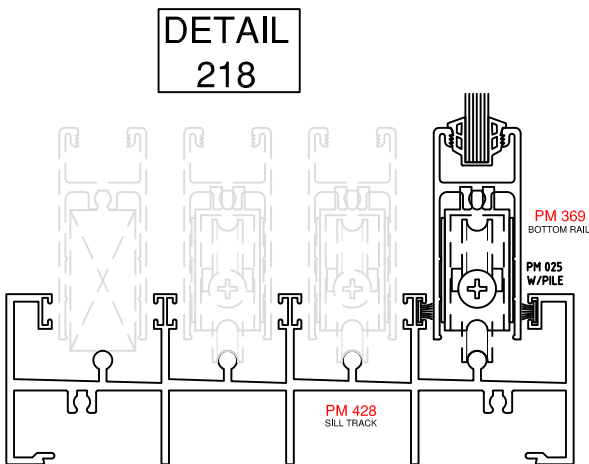
SCALE 1:2



EXTERNAL

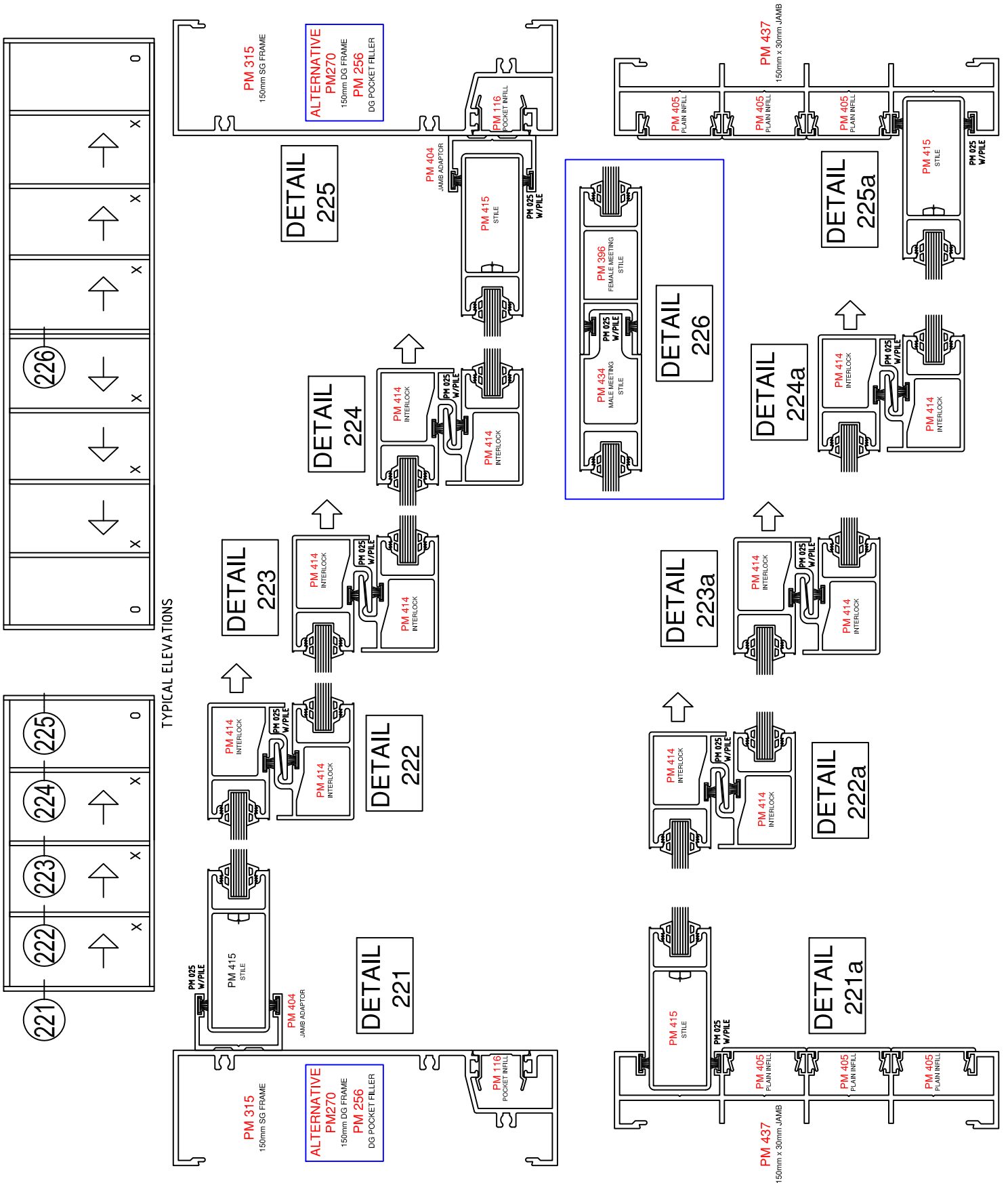


EXTERNAL

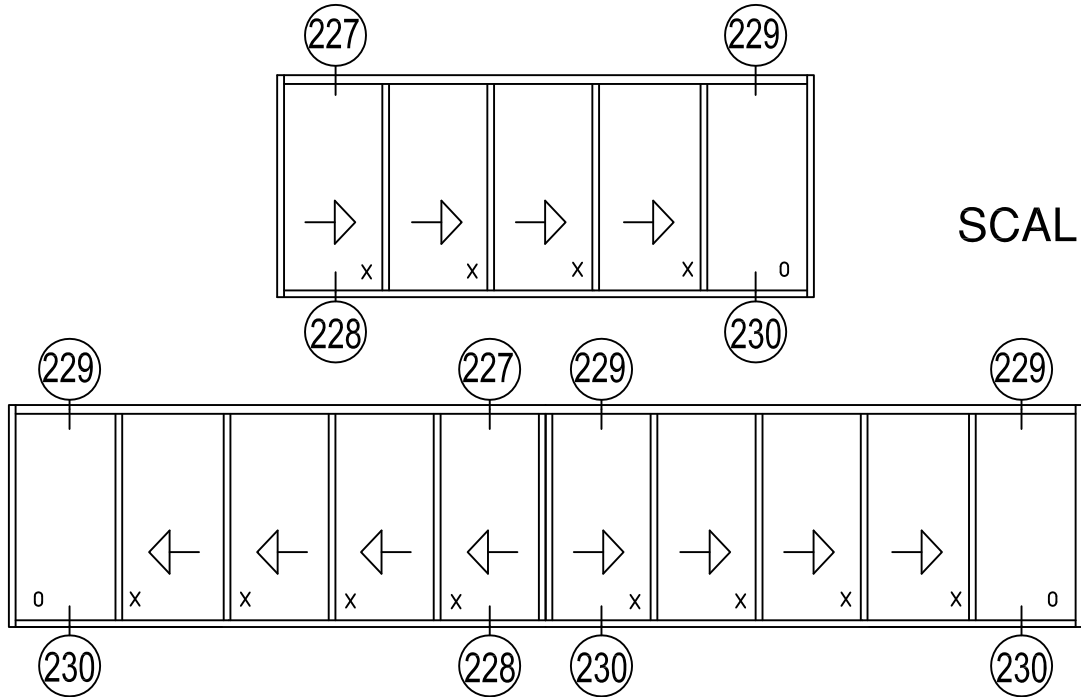


150mm x 45mm - 4 TRACK SLIDING DOOR DETAILS

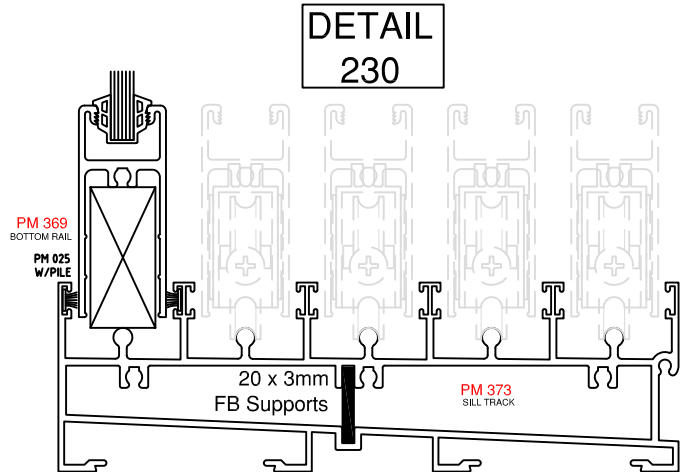
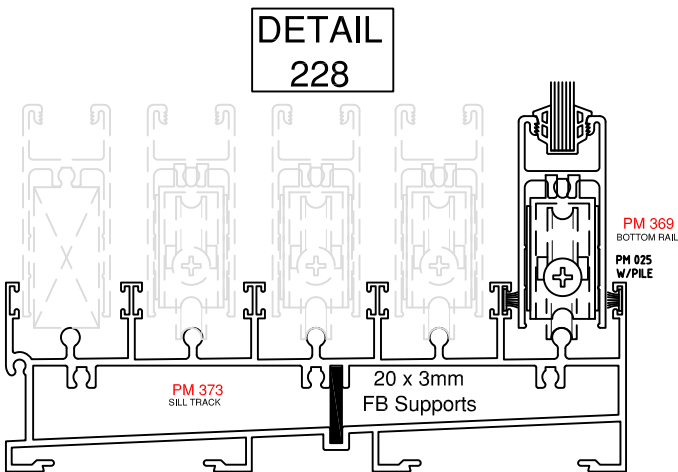
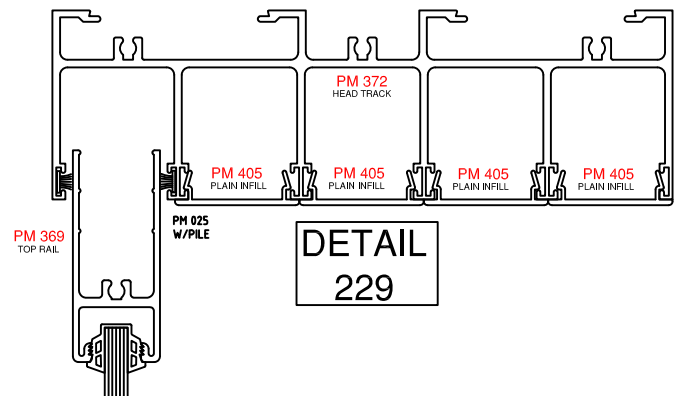
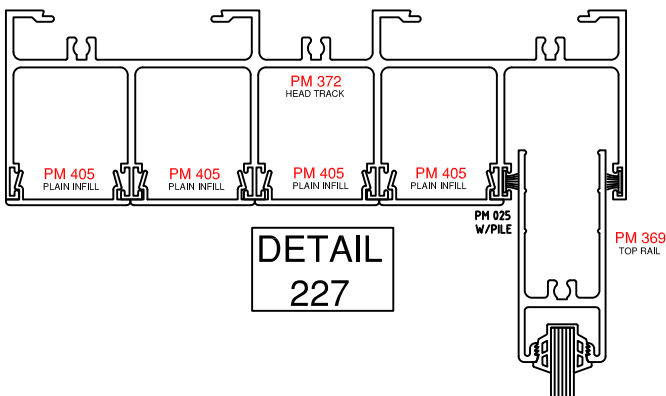
SCALE 1:2



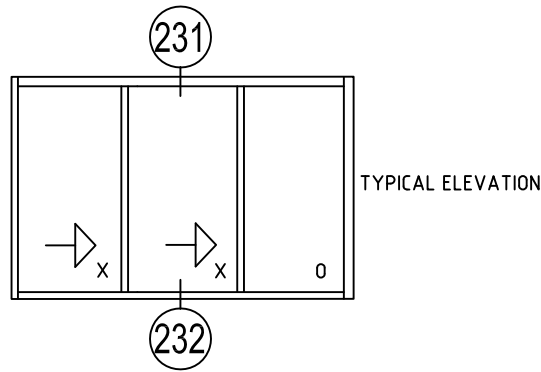
164mm x 45mm - 5 TRACK SLIDING DOOR DETAILS



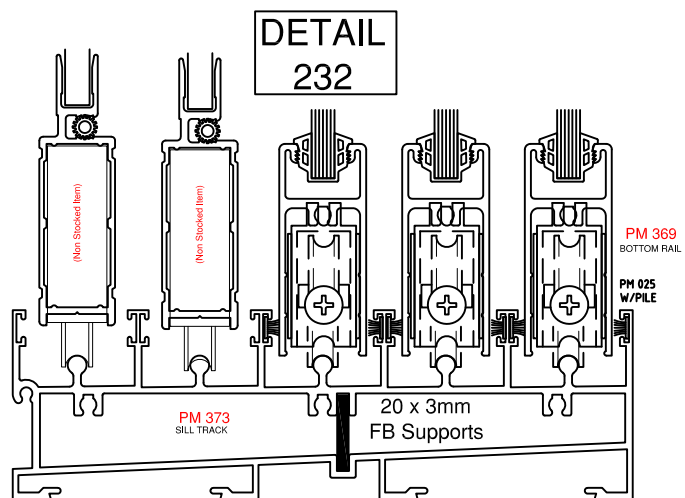
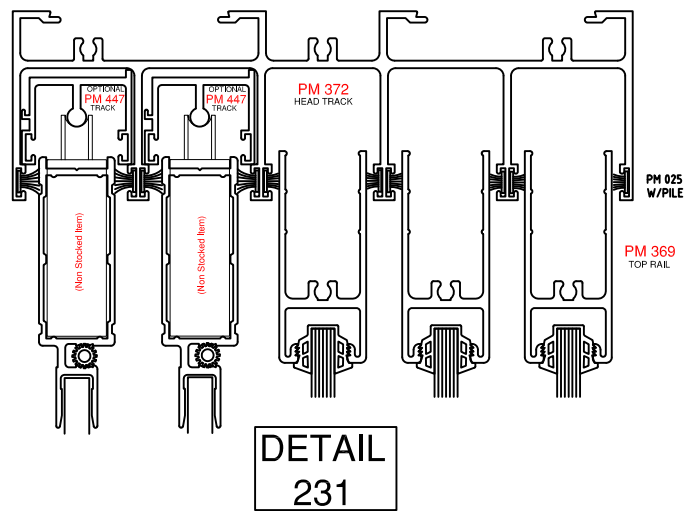
SCALE 1:2



164mm x 45mm - 5 TRACK SLIDING DOOR DETAILS

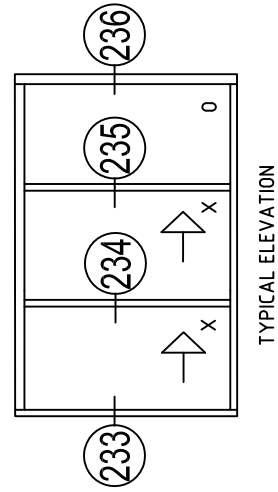
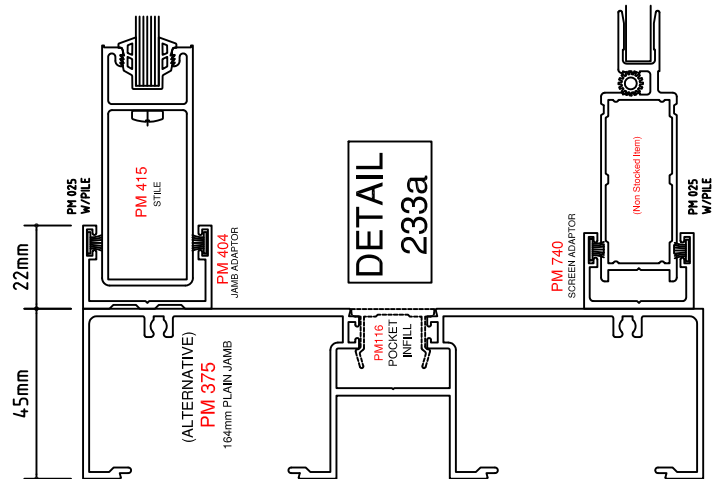
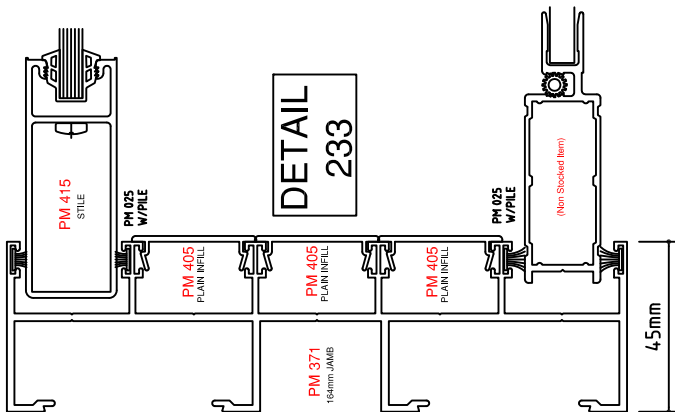
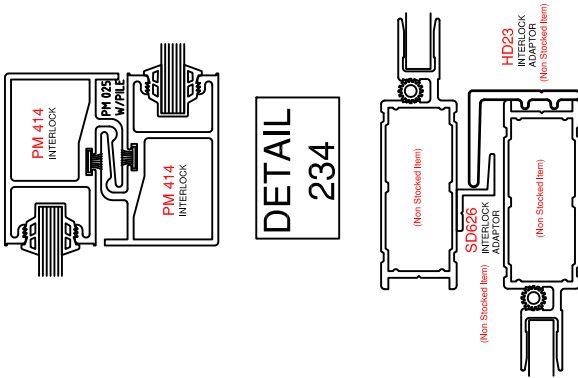
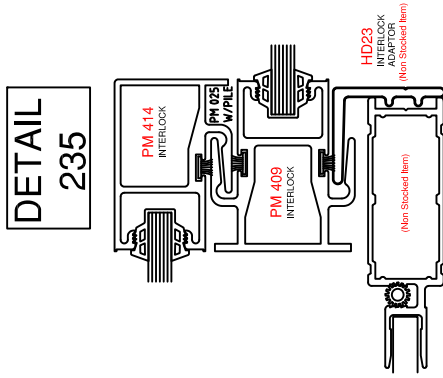
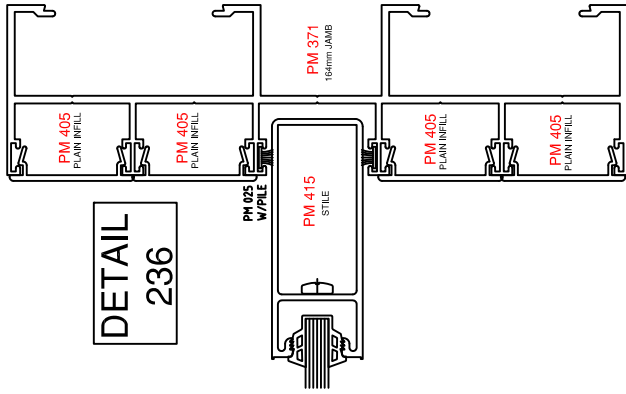


SCALE 1:2



164mm x 45mm - 5 TRACK SLIDING DOOR DETAILS

SCALE 1:2

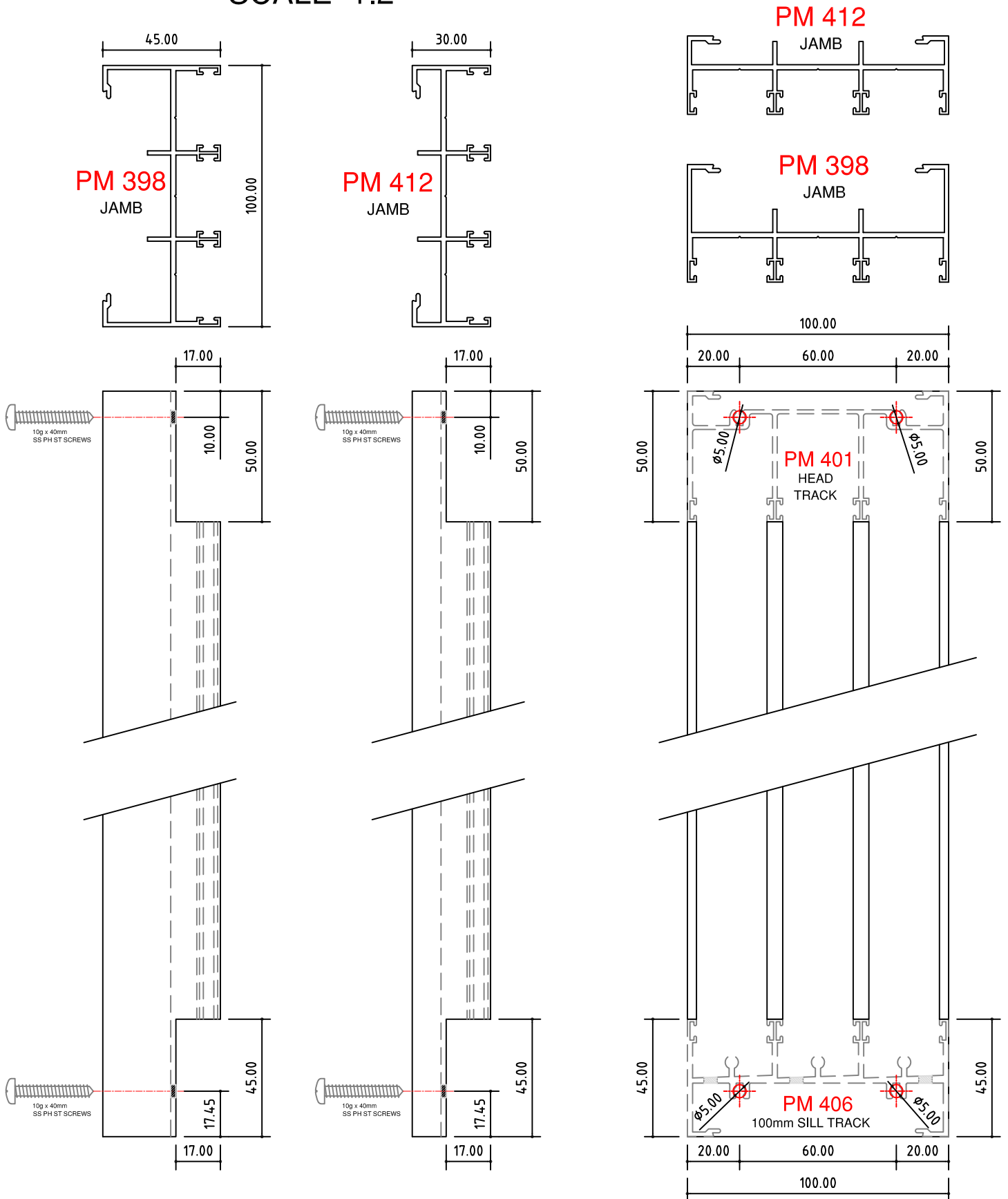


3006 SERIES DOORS

A145

PM398 & PM412 JAMB MACHINING DETAILS PM401 HEAD / PM406 SILL

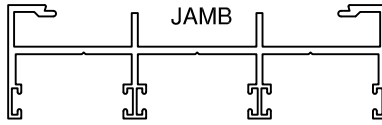
DETAIL
SCALE 1:2



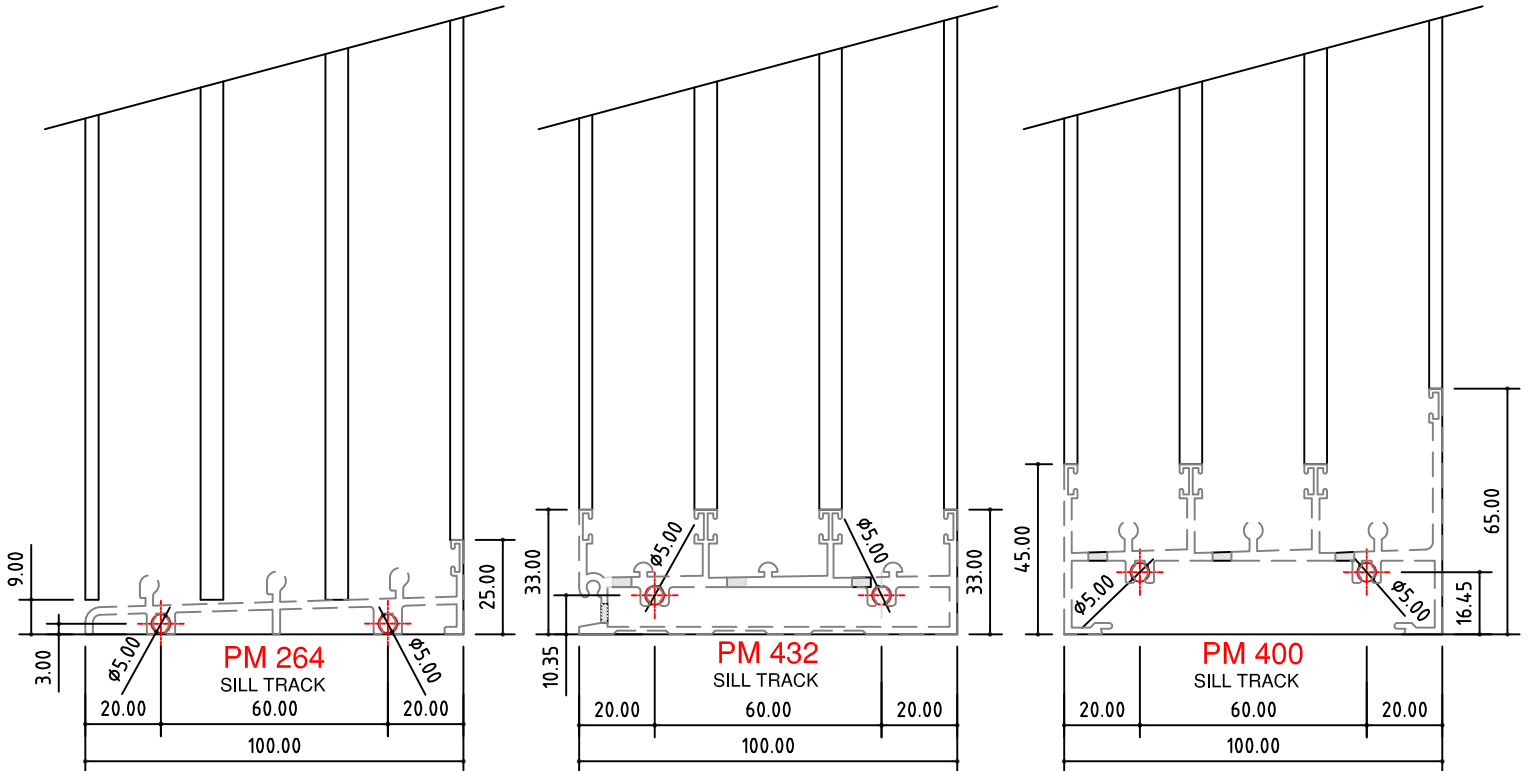
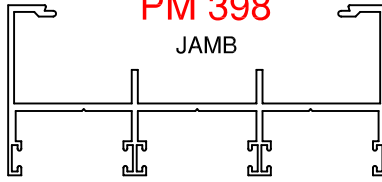
PM398 & PM412 JAMB MACHINING DETAILS PM264 / PM400 / PM432 SILLS

DETAIL
SCALE 1:2

PM 412



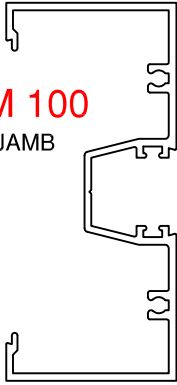
PM 398



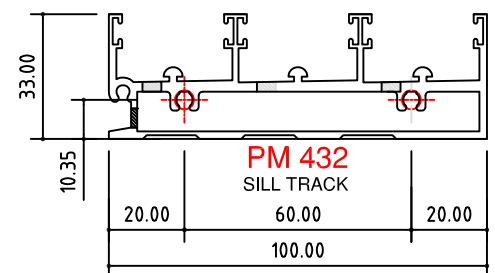
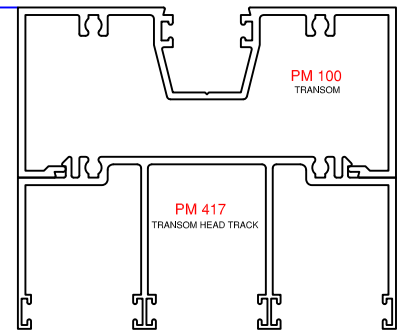
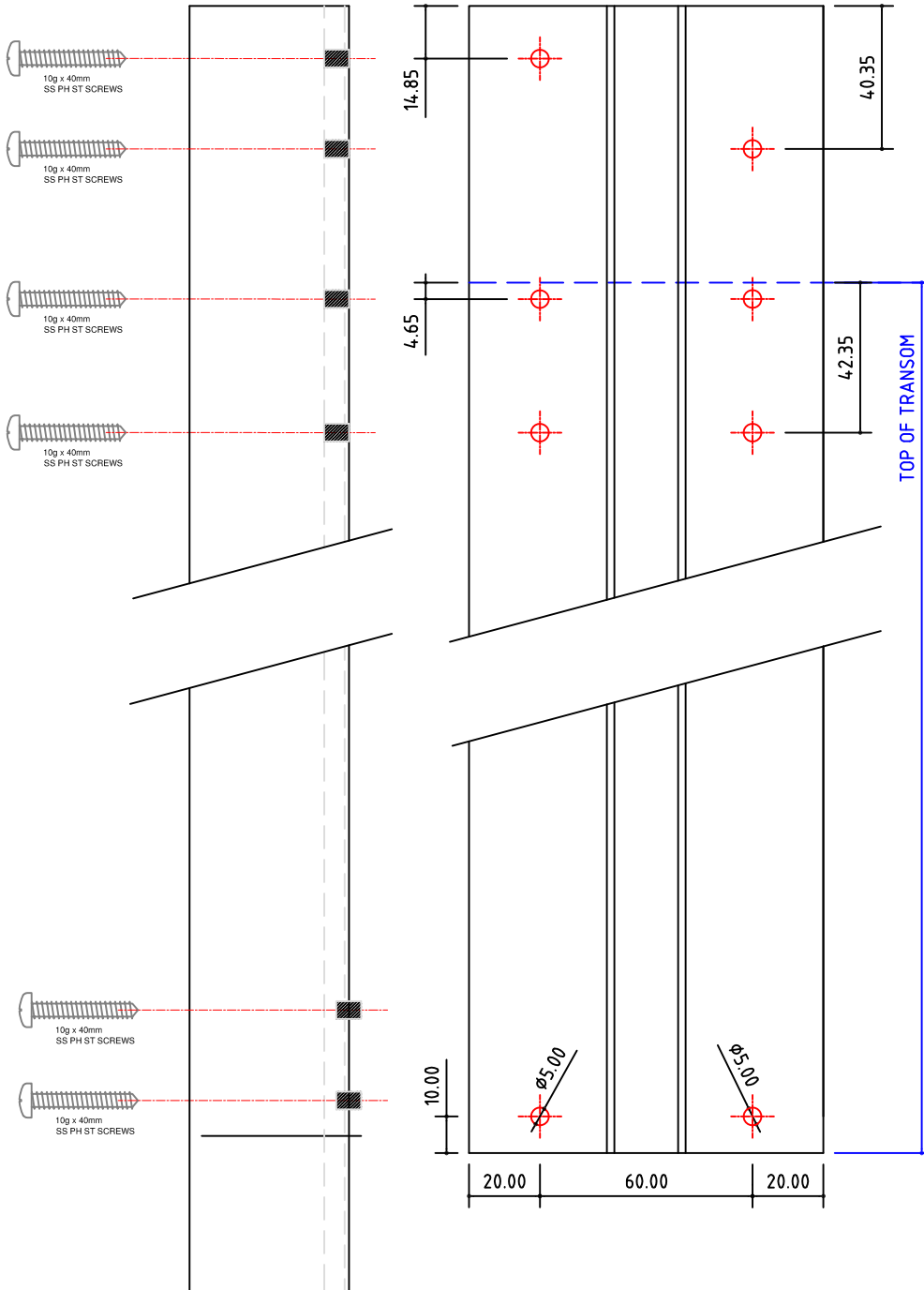
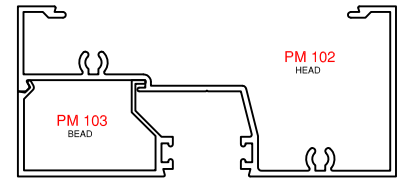
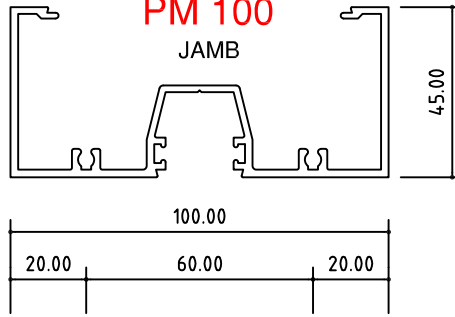
PM100 JAMB MACHINING DETAILS PM102 HEAD / PM432 SILL PM100 - 417 TRANSOM

DETAIL
SCALE 1:2

PM 100
JAMB

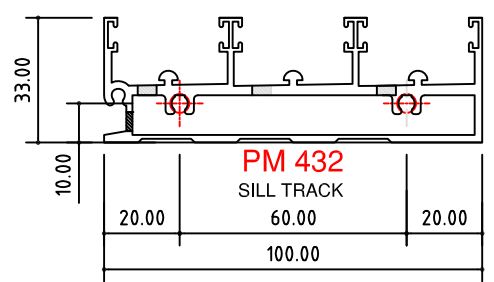
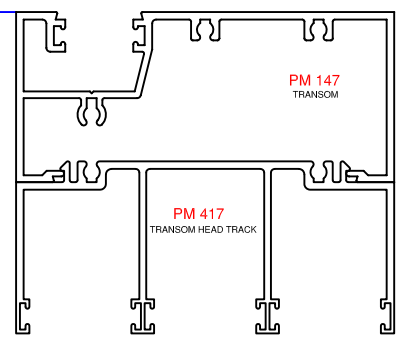
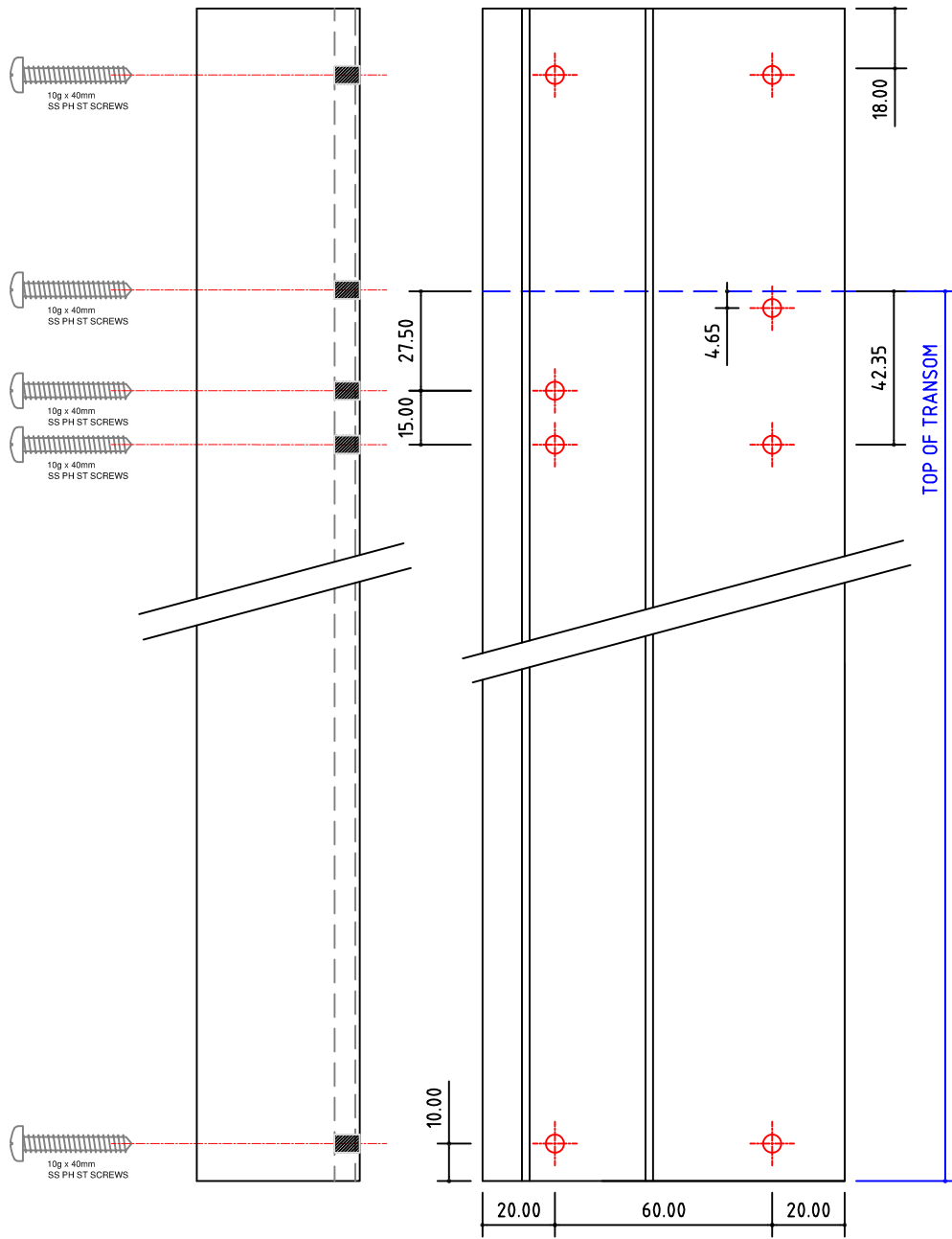
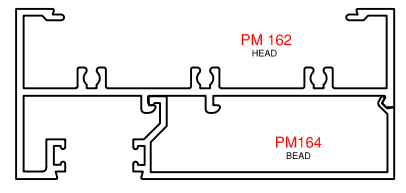
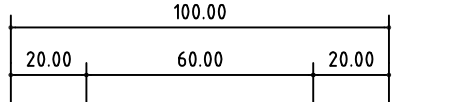
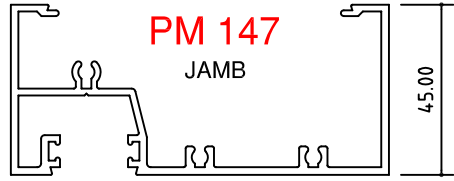
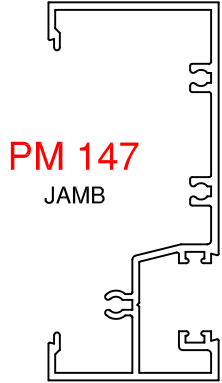


PM 100
JAMB



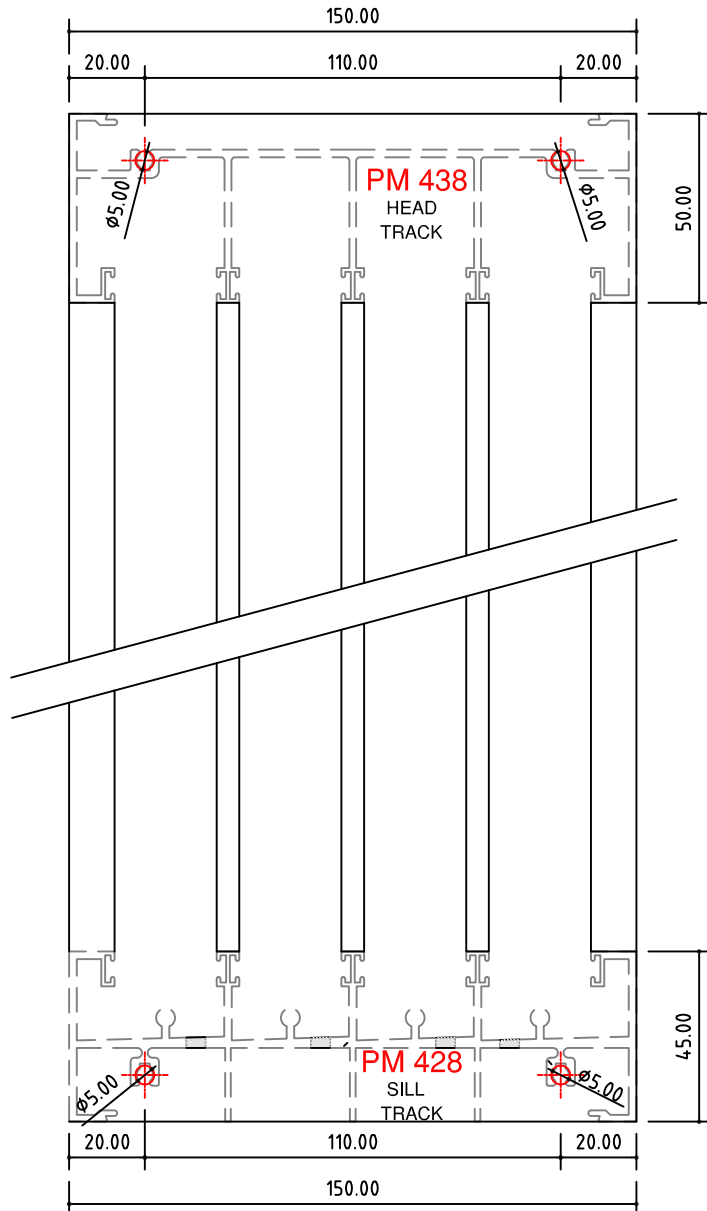
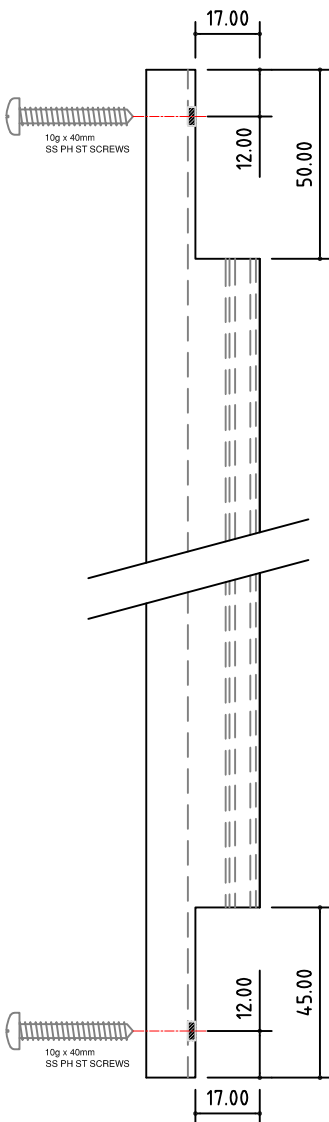
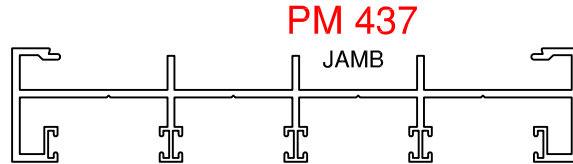
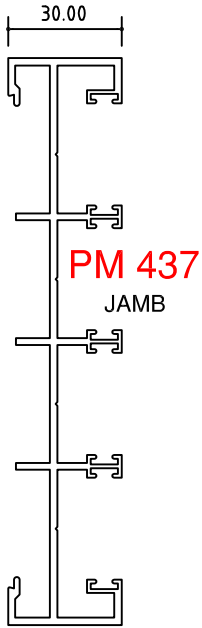
PM147 JAMB MACHINING DETAILS PM162 HEAD / PM432 SILL PM147 & 417 TRANSOM

DETAIL
SCALE 1:2



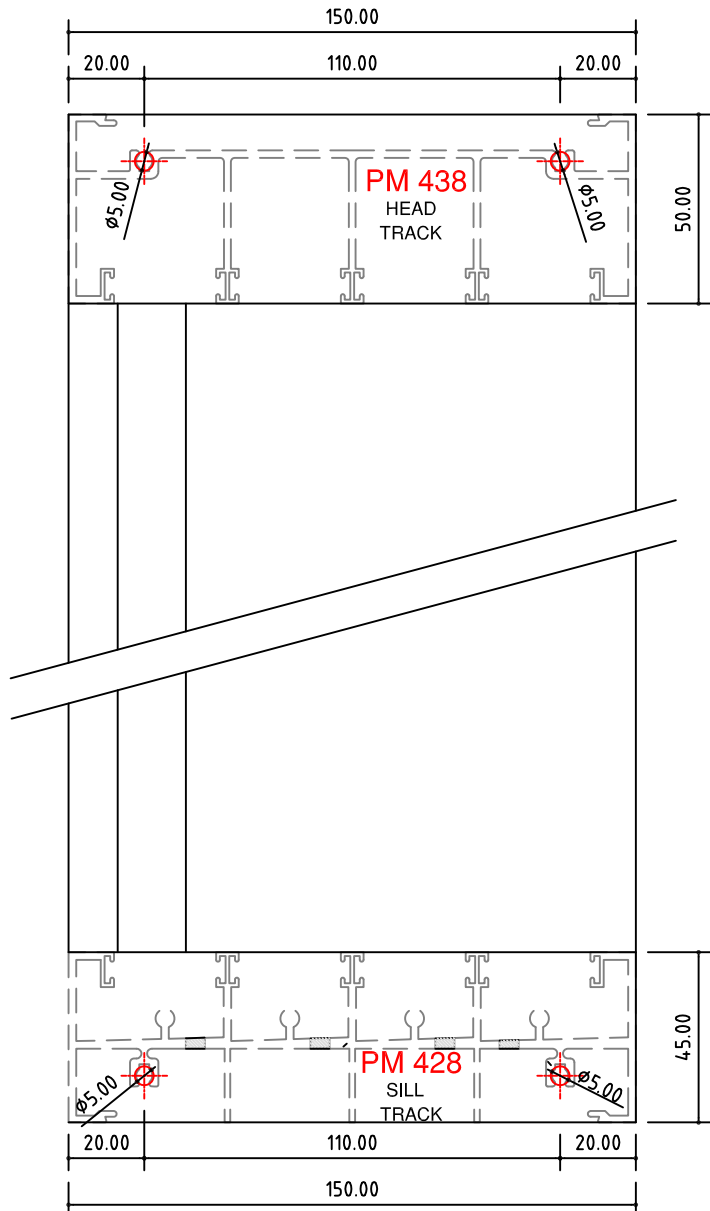
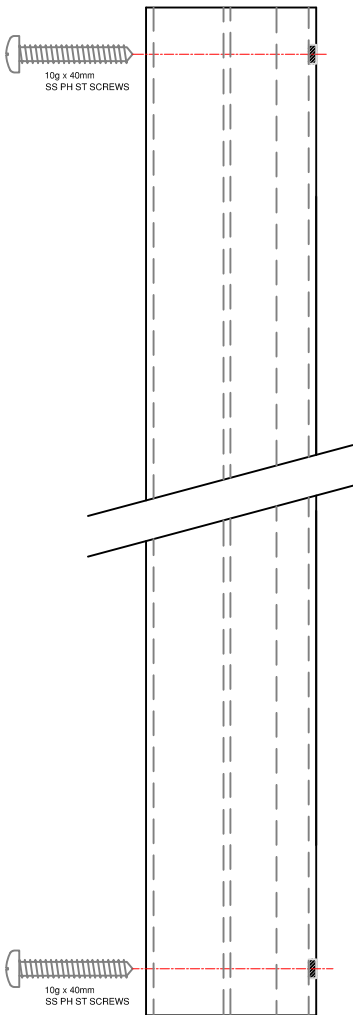
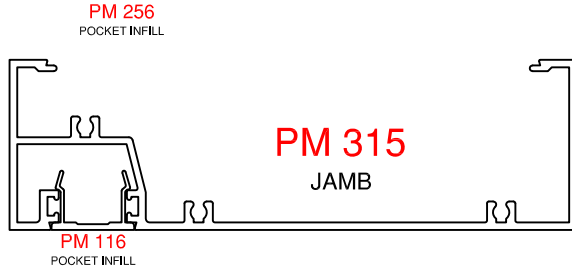
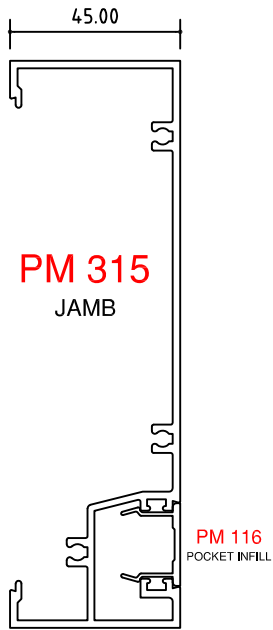
PM437 JAMB MACHINING DETAILS PM438 HEAD / PM428 SILL

DETAIL
 SCALE 1:2



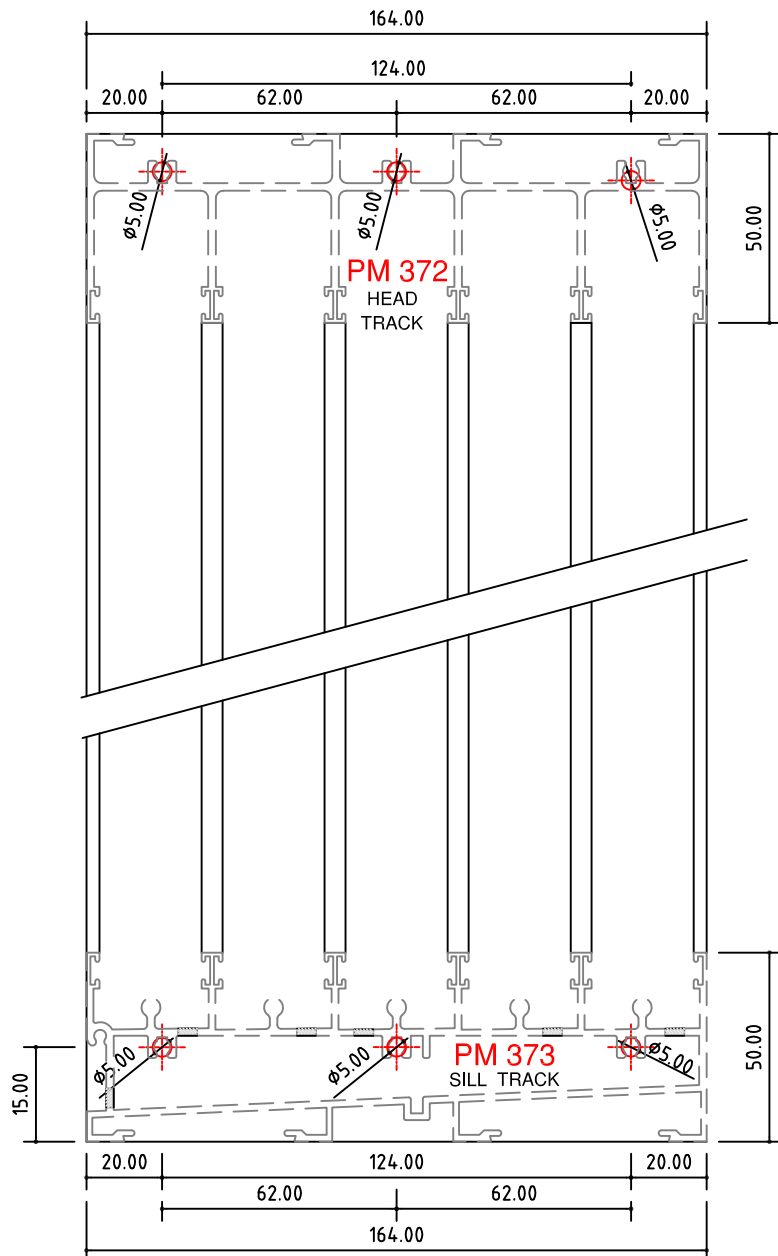
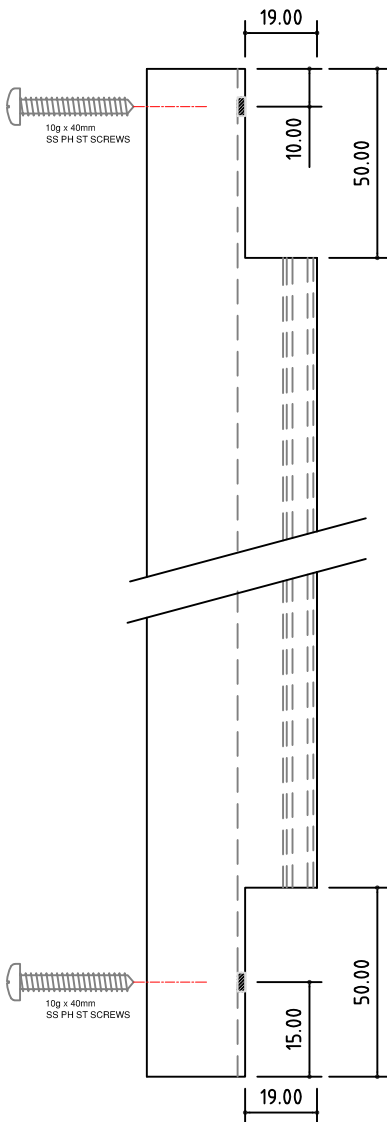
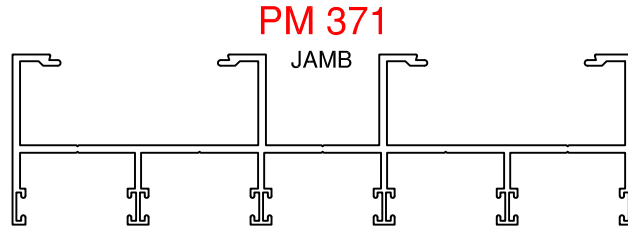
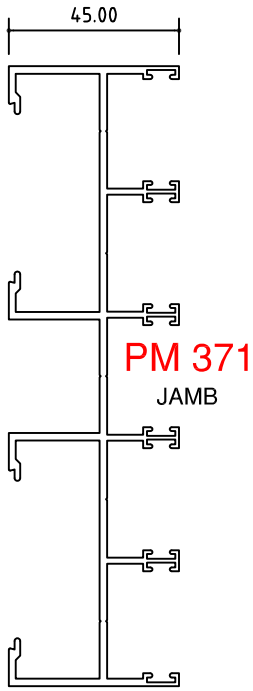
315 JAMB MACHINING DETAILS PM438 HEAD / PM428 SILL

DETAIL
 SCALE 1:2



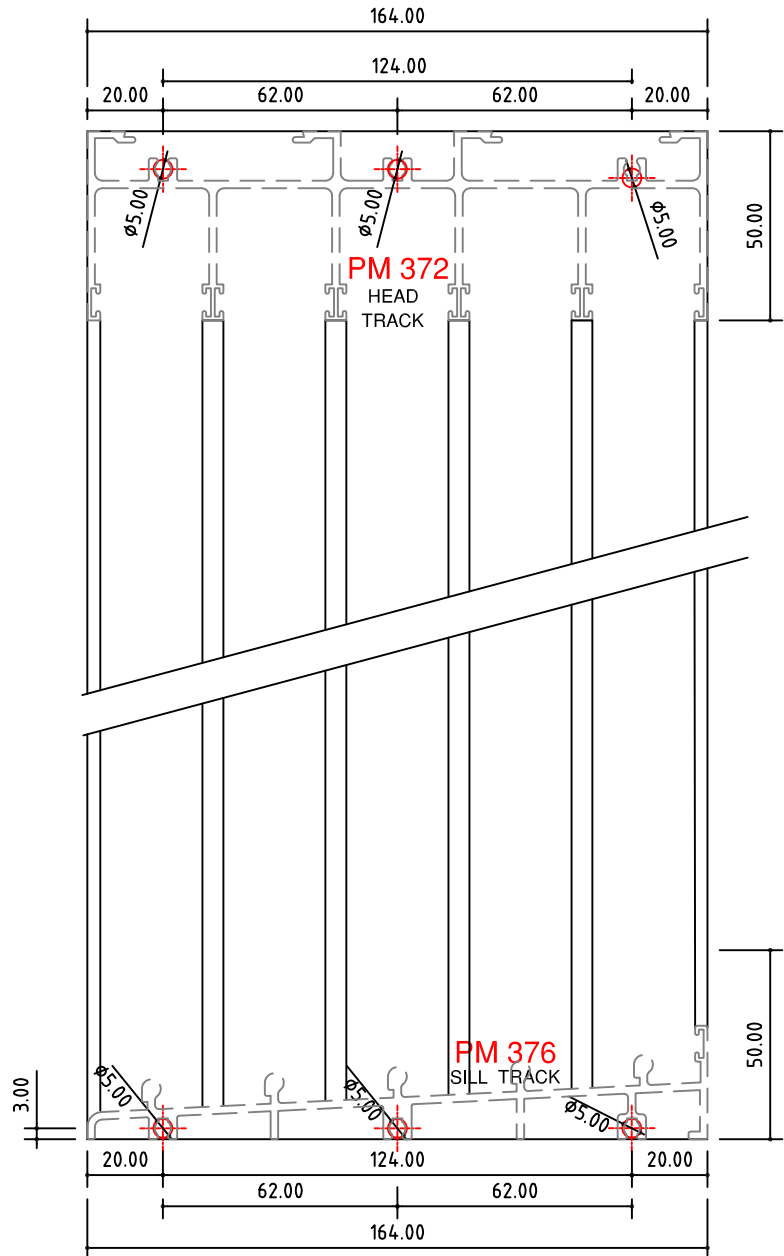
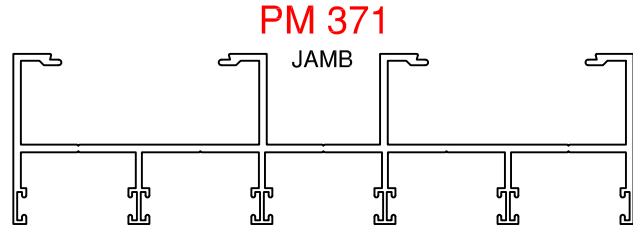
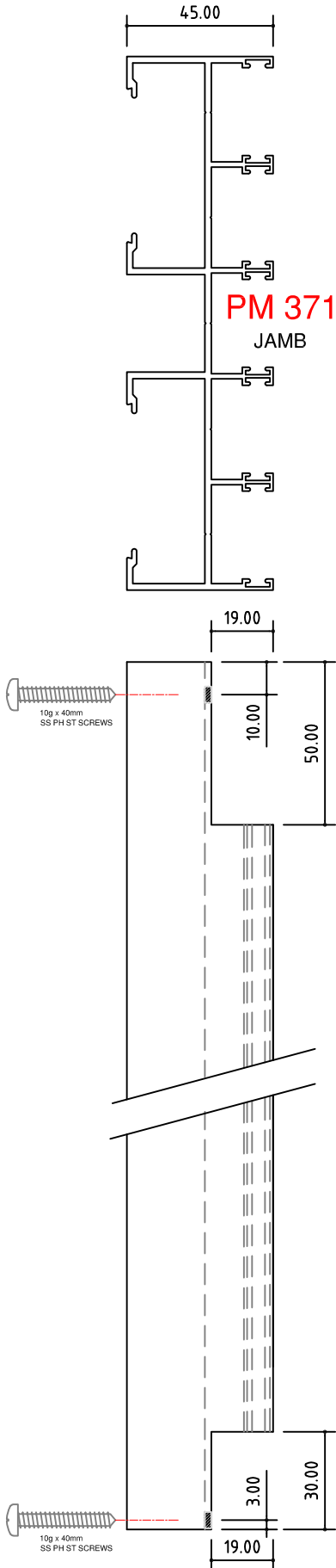
PM371 JAMB MACHINING DETAILS PM372 HEAD / PM373 SILL

DETAIL
SCALE 1:2

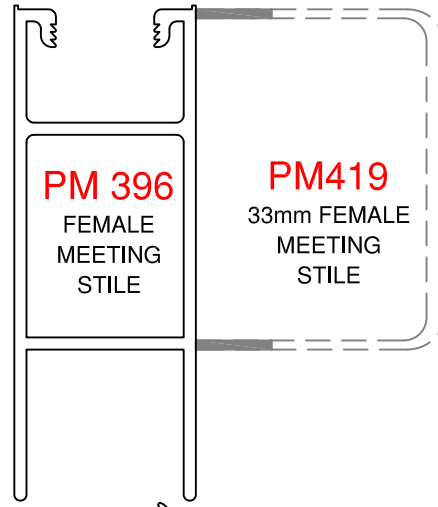
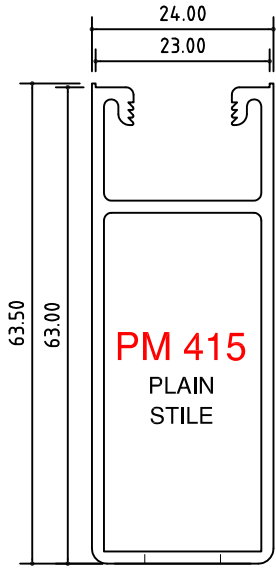
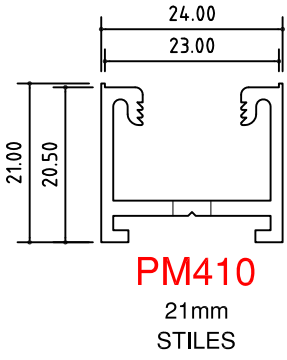


PM371 JAMB MACHINING DETAILS PM372 HEAD / PM376 SILL

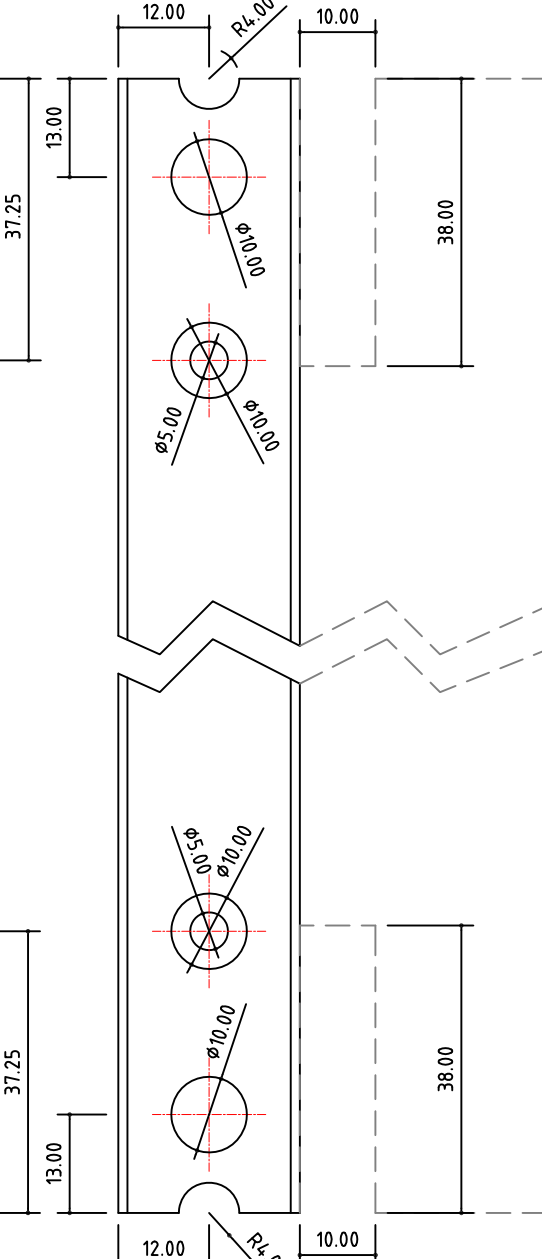
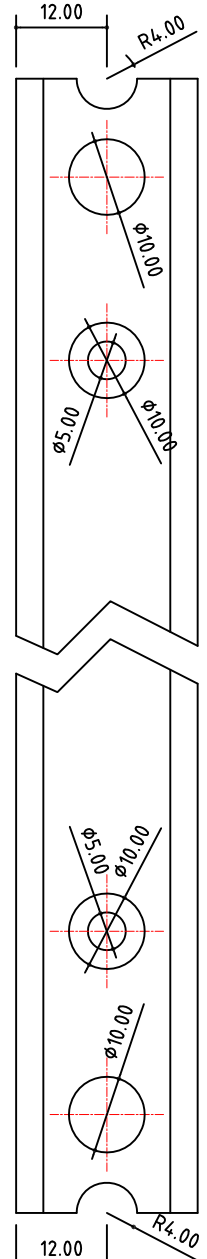
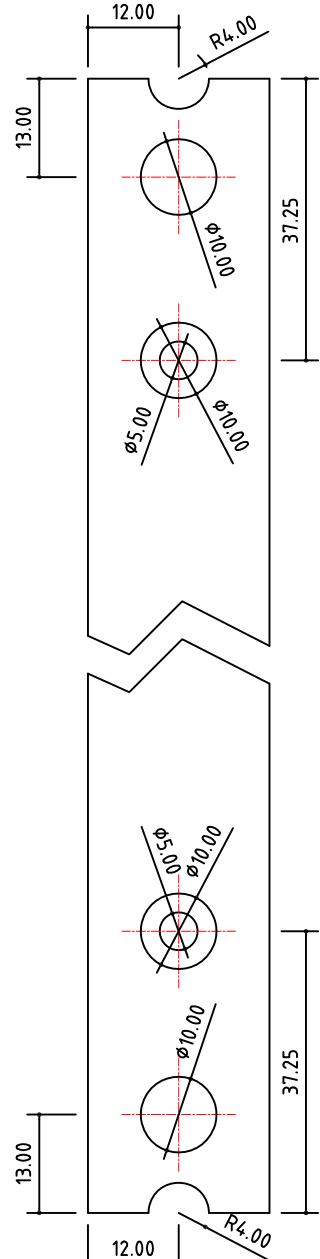
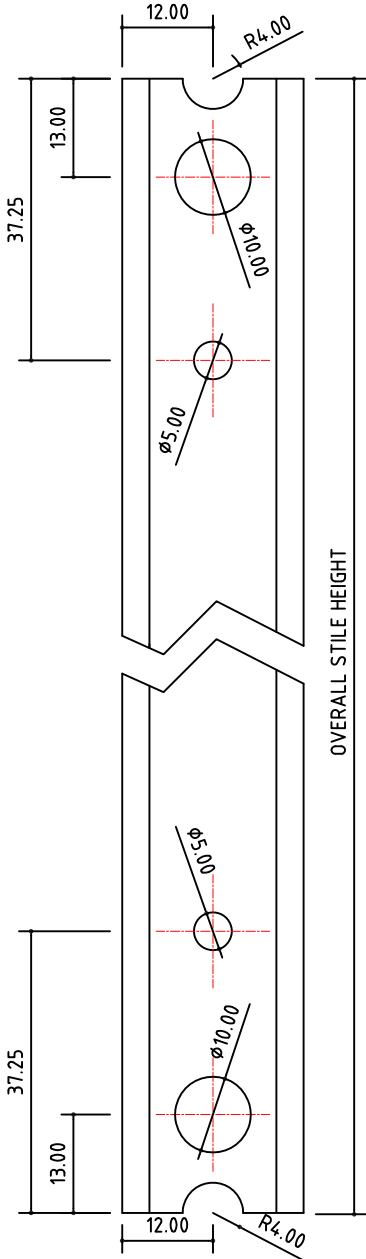
DETAIL
 SCALE 1:2



PM396 - 410 - 415 - 418 - 419 - 434 STILE MACHINING DETAILS



SCALE 1:1



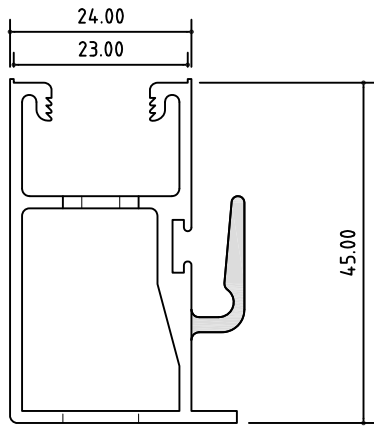
3006 SERIES DOORS

A154

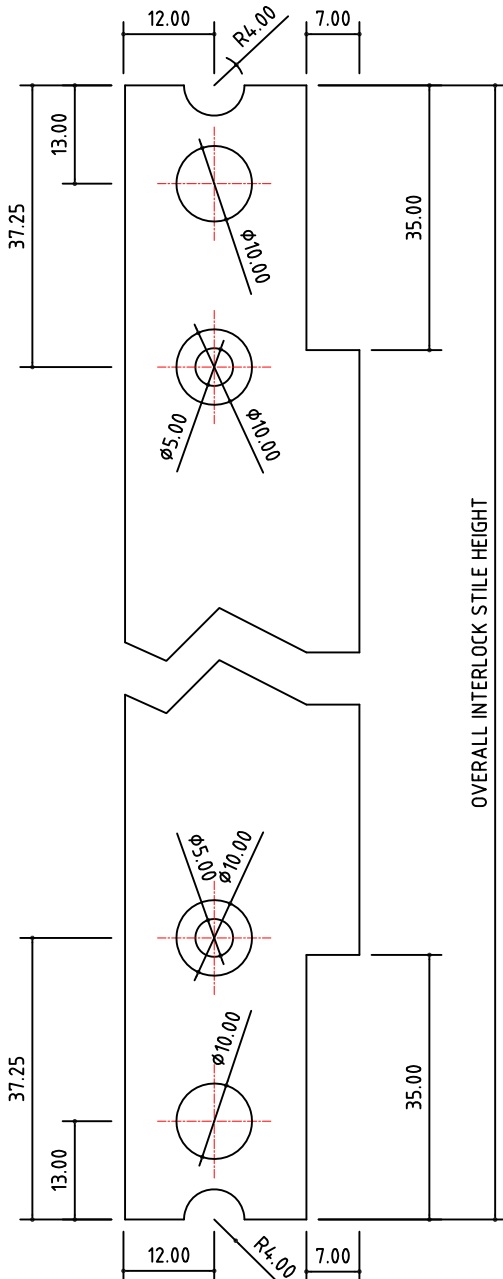
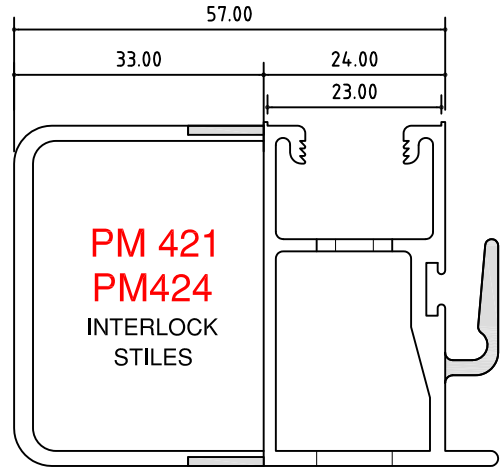
PM414 - 421 - 424 - 426 INTERLOCK STILE MACHINING DETAILS

SCALE 1:1

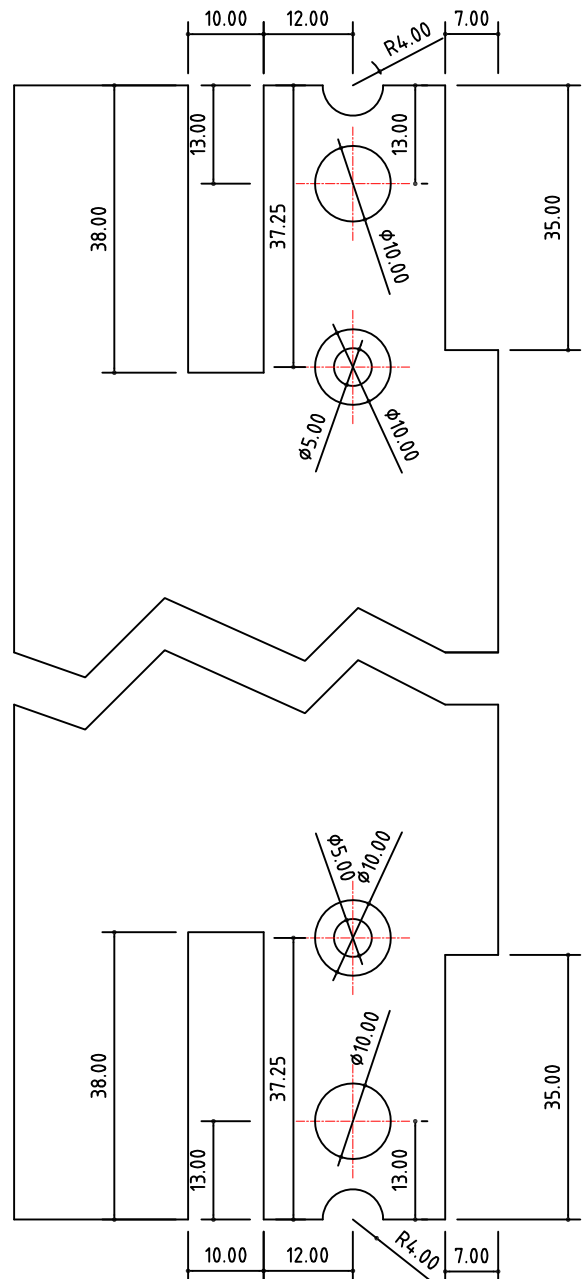
PM 414
 INTERLOCK
 STILE



PM 421
PM424
 INTERLOCK
 STILES



3006 SERIES DOORS



A155

PM405 - PM416 INFILL HEAD & SILL MACHINING DETAILS to suit PM398, 412, 437, 371 JAMBS

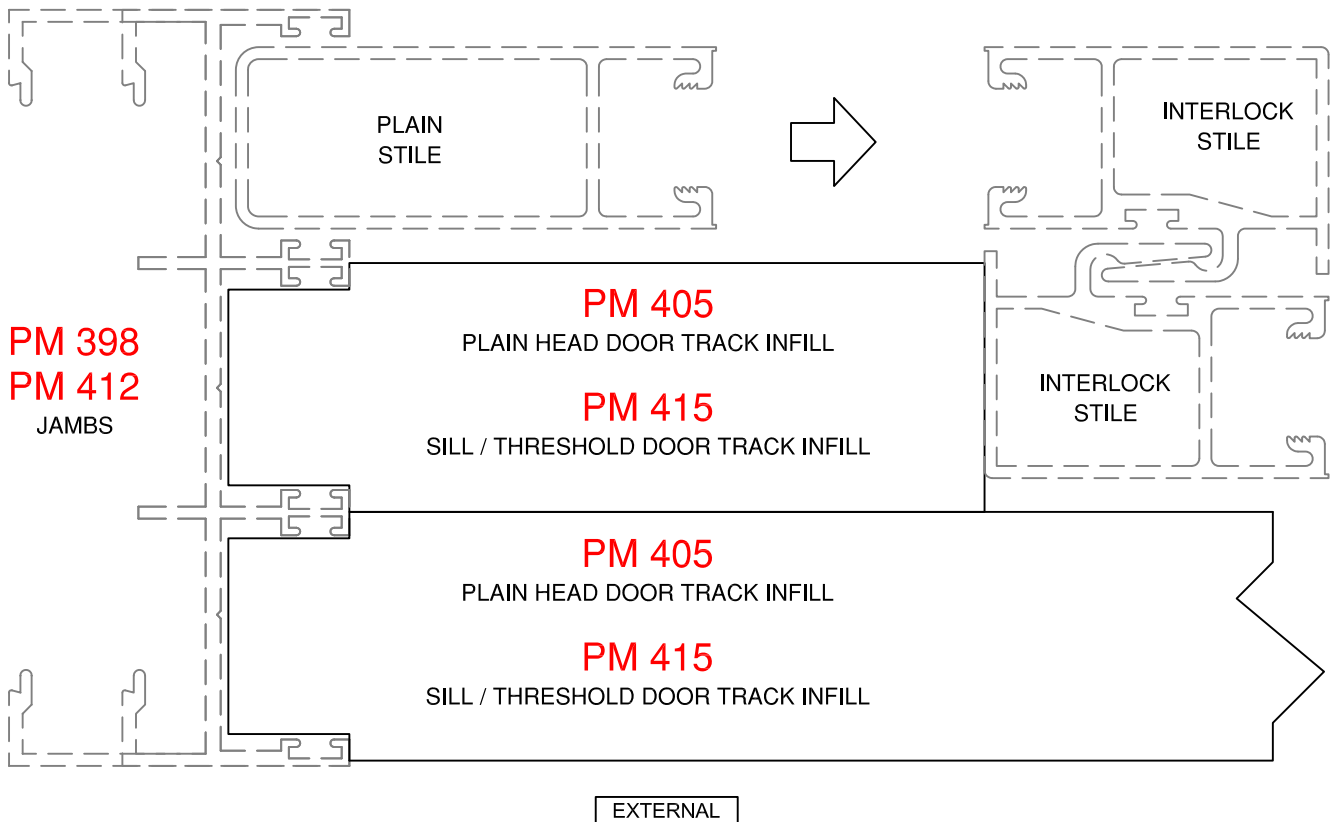
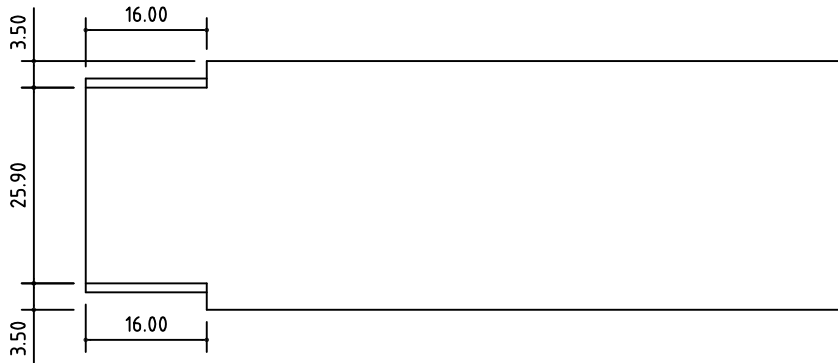
(NO SCREEN REQUIREMENT)

SCALE 1:1

PM 405
 PLAIN INFILL



PM 416
 FLAT THRESHOLD



AZUMA
TESTING RIG
SYDNEY



SECTION: B

- STRENGTH CHARTS
- ACOUSTIC CHARTS
- THERMAL CHARTS

Pages: B01 to B48

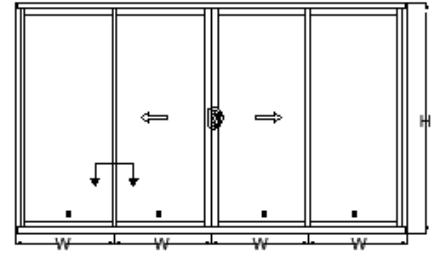
3000 SERIES WINDOWS & DOORS



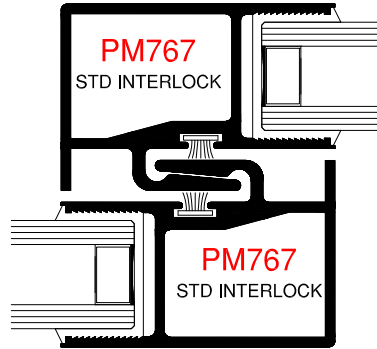
PRESS METAL

Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

3000 SERIES - SLIDING WINDOW & DOOR



STANDARD DG INTERLOCK
PM767
$I_{xx} = 29.25 \times 10^3 \text{ mm}^4$
$y_{\text{max}} = 16.5$
Moment of Inertia = $58.5 \times 10^3 \text{ mm}^4$
Max Depth of Section from N Axis = 16.5mm
E - Modulus = 69 Gpa
Ultimate Stress = 110 Mpa
Z Section Modules = 3.9
Panel Width Increments: 100mm
Door Height Increments: 100mm



SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa								
--------------------------------------	-----------------------------	--	--	--	--	--	--	--	--	--

		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
500	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
800	250	4805	4730	4730	4730	4730	4730	4730	4730	4730
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
900	250	3138	2990	2953	2953	2953	2953	2953	2953	2953
	U	6892	6536	6420	6420	6420	6420	6420	6420	6420
1000	250	2151	2039	1957	1938	1938	1938	1938	1938	1938
	U	5327	4958	4749	4680	4680	4680	4680	4680	4680
1100	250	1540	1444	1369	1334	1323	1323	1323	1323	1323
	U	4258	3913	3688	3559	3516	3516	3516	3516	3516
1200	250	1178	1062	1007	961	941	934	934	934	934
	U	3491	3179	2963	2819	2736	2708	2708	2708	2708
1300	250	898	804	757	724	695	682	678	678	678
	U	2920	2641	2441	2300	2204	2149	2130	2130	2130
1400	250	700	644	584	555	534	515	507	504	504
	U	2481	2233	2051	1918	1822	1757	1718	1706	1706
1500	250	557	510	475	435	416	403	390	384	383
	U	2136	1915	1751	1628	1536	1469	1423	1396	1387
1600	250	451	411	381	347	331	319	306	300	297
	U	1860	1662	1514	1401	1315	1250	1202	1169	1149
1700	250	370	336	310	291	268	257	248	239	235
	U	1635	1457	1323	1220	1141	1079	1032	996	972
1800	250	324	278	256	240	220	210	202	196	190
	U	1449	1289	1167	1073	1000	942	897	862	835
1900	250	272	233	214	200	188	174	167	161	157
	U	1293	1148	1038	952	885	831	788	754	727
2000	250	230	208	181	168	158	150	139	134	130
	U	1162	1030	929	851	789	739	698	666	640
2100	250	197	177	154	143	134	127	118	113	110
	U	1050	929	837	765	708	662	624	593	568
2200	250	170	153	132	123	115	109	103	96	93
	U	953	843	759	692	639	596	561	532	509
2300	250	147	132	121	106	99	94	89	83	80
	U	869	768	691	629	580	541	508	481	458
2400	250	129	116	105	92	86	81	77	74	69
	U	796	703	631	575	530	492	462	436	415

INTERLOCK SELECTION TABLE

B01

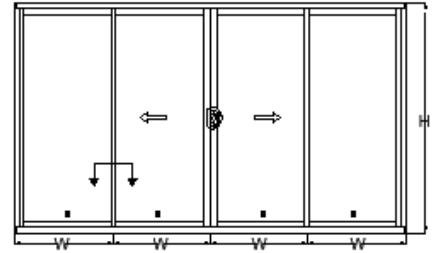
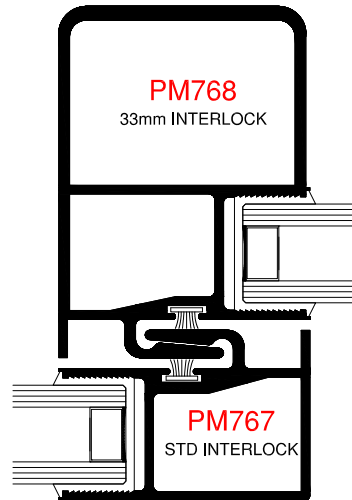


PRESS METAL

Press Metal Aluminium (Australia) Pty Limited
www.pressmetal.com.au

3000 SERIES - SLIDING WINDOW & DOOR

DG INTERLOCKS	
PM767	PM768
Ixx = 29.25 x 10 ³ mm ⁴	Ixx = 249.15 x 10 ³ mm ⁴
y max = 16.5	x max = 32.2
Moment of Inertia = 278.4 x 10 ³ mm ⁴	
Max Depth of Section from N Axis = 32.2mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 8.6	
Panel Width Increments: 100mm	
Door Height Increments: 100mm	



SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa								
------------------------	---------------	---	--	--	--	--	--	--	--	--

W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
800	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
900	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1000	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1300	250	5000	5000	4791	4574	4448	4403	4403	4403	4403
	U	8000	7753	7225	6875	6672	6605	6605	6605	6605
1400	250	4273	3827	3602	3444	3307	3248	3228	3228	3228
	U	7120	6441	5953	5608	5376	5240	5195	5195	5195
1500	250	3334	3063	2779	2640	2541	2450	2413	2400	2400
	U	6050	5445	5002	4677	4443	4284	4190	4159	4159
1600	250	2651	2425	2259	2070	1981	1916	1854	1829	1821
	U	5209	4670	4270	3970	3746	3582	3470	3404	3382
1700	250	2144	1954	1813	1654	1575	1516	1458	1429	1412
	U	4535	4053	3692	3417	3207	3048	2931	2850	2802
1800	250	1758	1598	1477	1385	1274	1221	1180	1139	1119
	U	3986	3553	3227	2976	2782	2631	2515	2430	2370
1900	250	1541	1323	1220	1140	1045	998	961	933	903
	U	3533	3142	2846	2618	2438	2297	2187	2101	2037
2000	250	1293	1109	1019	950	896	827	794	768	748
	U	3154	2800	2531	2322	2157	2026	1921	1838	1774
2100	250	1097	990	861	800	753	715	663	640	621
	U	2833	2512	2266	2075	1923	1801	1703	1624	1561
2200	250	938	845	733	681	639	605	560	539	521
	U	2559	2266	2042	1866	1726	1613	1521	1447	1386
2300	250	808	727	630	584	547	517	492	458	442
	U	2324	2056	1850	1688	1559	1454	1369	1298	1240
2400	250	702	630	575	504	472	445	423	393	379
	U	2120	1873	1684	1535	1415	1318	1238	1172	1117
2500	250	613	550	501	439	410	386	366	350	327
	U	1942	1715	1540	1402	1291	1201	1126	1064	1012

INTERLOCK SELECTION TABLE

B02



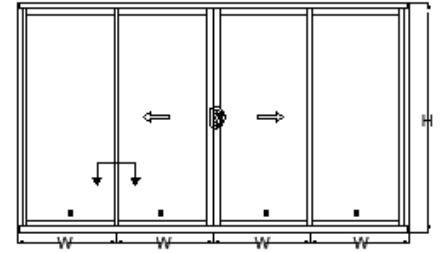
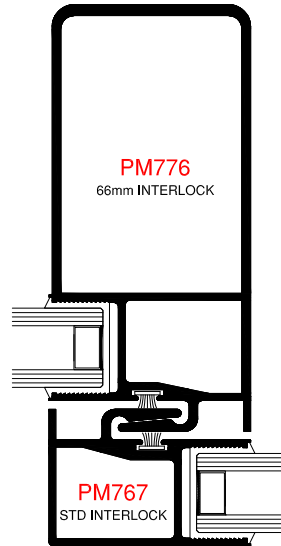
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3000 SERIES - SLIDING WINDOW & DOOR

DG INTERLOCKS

PM767	PM776
$I_{xx} = 33.52 \times 10^3 \text{ mm}^4$	$I_{xx} = 727.04 \times 10^3 \text{ mm}^4$
$y \text{ max} = 16.1$	$x \text{ max} = 50.3$
Moment of Inertia = $760.56 \times 10^3 \text{ mm}^4$	
Max Depth of Section from N Axis = 50.3 mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 15.1	
Panel Width Increments: 100mm	
Door Height Increments: 100mm	



SERVICABILITY 1/250

ULTIMATE U

LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	W = Panel Width (mm) (W)								
		700	800	900	1000	1100	1200	1300	1400	1500
600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
800	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
900	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1000	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1400	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1500	250	5000	5000	5000	5000	5000	4995	4886	4849	4849
	U	8000	8000	8000	8000	7771	7492	7328	7274	7274
1600	250	5000	5000	4978	4628	4367	4176	4046	3968	3943
	U	8000	8000	7467	6942	6550	6265	6068	5953	5914
1700	250	5000	4725	4304	3984	3739	3554	3417	3323	3267
	U	7931	7088	6456	5976	5609	5331	5126	4985	4901
1800	250	4648	4143	3762	3470	3243	3067	2933	2833	2763
	U	6971	6214	5643	5204	4864	4601	4399	4249	4145
1900	250	4119	3615	3319	3052	2843	2678	2549	2450	2375
	U	6178	5495	4978	4578	4264	4018	3824	3674	3563
2000	250	3534	3029	2785	2596	2447	2259	2169	2098	2043
	U	5515	4897	4426	4061	3772	3543	3360	3215	3102
2100	250	2996	2703	2351	2187	2056	1952	1812	1748	1696
	U	4954	4392	3964	3629	3363	3150	2978	2840	2729
2200	250	2562	2308	2003	1859	1745	1653	1530	1472	1425
	U	4476	3963	3571	3264	3019	2821	2661	2530	2424
2300	250	2208	1986	1721	1595	1493	1412	1345	1252	1209
	U	4065	3595	3235	2953	2726	2543	2393	2270	2169
2400	250	1917	1721	1571	1378	1288	1216	1156	1074	1034
	U	3708	3276	2945	2684	2475	2305	2165	2050	1954
2500	250	1674	1502	1369	1199	1119	1054	1001	957	892
	U	3396	2999	2693	2452	2258	2100	1970	1861	1771

INTERLOCK SELECTION TABLE

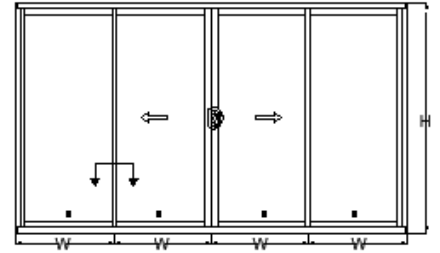
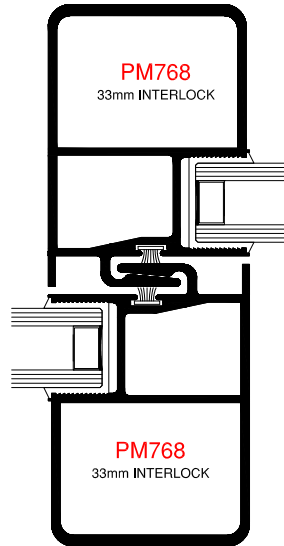
B03



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3000 SERIES - SLIDING WINDOW & DOOR



DG INTERLOCKS	
PM768	PM768
$I_{xx} = 249.15 \times 10^3 \text{ mm}^4$	$I_{xx} = 249.15 \times 10^3 \text{ mm}^4$
$y \text{ max} = 32.2$	$x \text{ max} = 32.2$
Moment of Inertia = $498.3 \times 10^3 \text{ mm}^4$	
Max Depth of Section from N Axis = 32.2mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 15.5	
Panel Width Increments:	100mm
Door Height Increments:	100mm

SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa								
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W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
800	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
900	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1000	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1400	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1500	250	5000	5000	4974	4725	4548	4386	4318	4296	4296
	U	8000	8000	8000	8000	7953	7668	7500	7444	7444
1600	250	4746	4341	4043	3705	3545	3430	3319	3275	3260
	U	8000	8000	7642	7105	6704	6412	6211	6092	6053
1700	250	3837	3498	3244	2960	2819	2713	2610	2558	2528
	U	8000	7254	6608	6116	5740	5456	5246	5102	5016
1800	250	3147	2860	2644	2479	2280	2185	2113	2040	2004
	U	7135	6360	5775	5327	4979	4709	4502	4349	4242
1900	250	2757	2369	2184	2041	1871	1787	1721	1671	1617
	U	6323	5624	5095	4685	4364	4112	3914	3761	3646
2000	250	2315	1984	1825	1701	1603	1480	1421	1374	1339
	U	5644	5012	4530	4156	3861	3626	3438	3290	3174
2100	250	1963	1771	1540	1433	1347	1279	1187	1145	1111
	U	5071	4495	4057	3714	3442	3224	3048	2907	2793
2200	250	1679	1512	1313	1218	1143	1083	1003	964	933
	U	4581	4056	3655	3341	3090	2888	2723	2589	2481
2300	250	1447	1301	1128	1045	978	925	881	820	792
	U	4160	3679	3311	3022	2790	2603	2449	2323	2220
2400	250	1256	1128	1030	903	844	797	758	703	678
	U	3795	3353	3014	2747	2533	2359	2216	2098	2000
2500	250	1097	984	897	785	733	691	656	627	585
	U	3476	3069	2756	2509	2311	2149	2016	1905	1812

INTERLOCK SELECTION TABLE

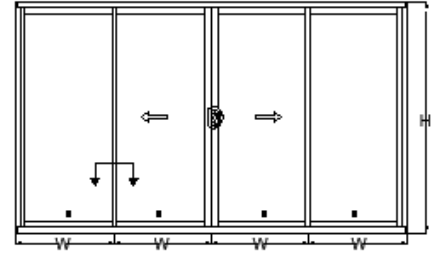
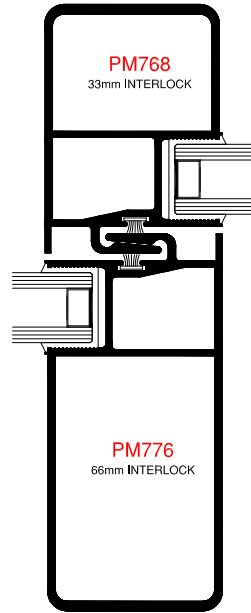
B04



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3000 SERIES - SLIDING WINDOW & DOOR



DG INTERLOCKS	
PM768	PM776
Ixx = 249.15 x 10 ³ mm ⁴	Ixx = 727.04 x 10 ³ mm ⁴
y max = 32.2	x max = 50.3
Moment of Inertia = 976.19 x 10 ³ mm ⁴	
Max Depth of Section from N Axis = 50.3 mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 19.4	
Panel Width Increments: 100mm	
Door Height Increments: 100mm	

SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa								
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W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
800	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
900	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1000	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1400	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1500	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	7789	7640	7590
1700	250	5000	5000	5000	5000	4799	4562	4386	4265	4194
	U	8000	8000	8000	7670	7199	6842	6580	6398	6290
1800	250	5000	5000	4829	4453	4162	3937	3764	3636	3547
	U	8000	7976	7243	6680	6244	5905	5646	5454	5320
1900	250	5000	4640	4260	3917	3649	3438	3272	3144	3048
	U	7930	7053	6389	5876	5473	5157	4908	4716	4573
2000	250	4535	3887	3574	3332	3141	2900	2784	2692	2622
	U	7079	6285	5681	5212	4842	4547	4312	4126	3981
2100	250	3845	3470	3018	2807	2639	2506	2326	2243	2177
	U	6359	5638	5087	4658	4317	4043	3823	3645	3503
2200	250	3288	2962	2571	2387	2240	2121	1964	1889	1829
	U	5745	5087	4584	4189	3875	3621	3415	3247	3111
2300	250	2834	2549	2209	2047	1917	1812	1727	1607	1551
	U	5217	4614	4152	3790	3499	3264	3072	2914	2784
2400	250	2460	2209	2017	1768	1654	1560	1484	1378	1328
	U	4759	4205	3780	3446	3177	2959	2779	2631	2508
2500	250	2149	1928	1757	1539	1437	1353	1285	1228	1145
	U	4359	3849	3456	3147	2898	2695	2528	2389	2273

INTERLOCK SELECTION TABLE

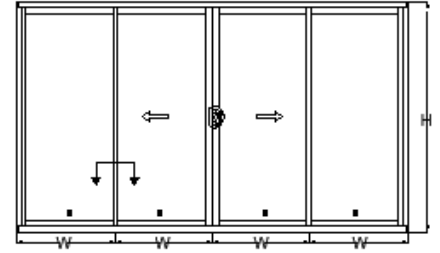
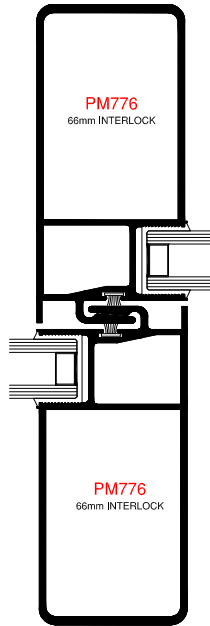
B05



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3000 SERIES - SLIDING WINDOW & DOOR



DG INTERLOCKS	
PM776	PM776
Ixx = 727.04 x 10 ³ mm ⁴	Ixx = 727.04 x 10 ³ mm ⁴
y max = 50.3	x max = 50.3
Moment of Inertia = 1454.08 x 10 ³ mm ⁴	
Max Depth of Section from N Axis = 50.3 mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 28.9	
Panel Width Increments:	100mm
Door Height Increments:	100mm

SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa								
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W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
800	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
900	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1000	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1400	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1500	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1800	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	7925
1900	250	5000	5000	5000	5000	5000	5000	4874	4683	4541
	U	8000	8000	8000	8000	8000	7681	7311	7025	6811
2000	250	5000	5000	5000	4963	4679	4319	4146	4010	3906
	U	8000	8000	8000	7764	7212	6773	6423	6146	5930
2100	250	5000	5000	4495	4180	3931	3733	3465	3341	3243
	U	8000	8000	7578	6938	6430	6023	5694	5430	5218
2200	250	4898	4412	3830	3555	3336	3160	2926	2814	2724
	U	8000	7577	6827	6240	5772	5394	5087	4837	4634
2300	250	4222	3797	3290	3048	2855	2699	2572	2393	2311
	U	7771	6873	6185	5645	5213	4862	4576	4340	4147
2400	250	3665	3291	3004	2634	2463	2324	2211	2053	1978
	U	7089	6264	5631	5132	4733	4407	4140	3919	3736
2500	250	3201	2871	2618	2292	2140	2016	1914	1830	1706
	U	6493	5733	5149	4688	4317	4015	3766	3558	3385

INTERLOCK SELECTION TABLE

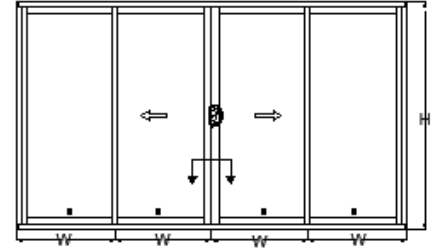
B06



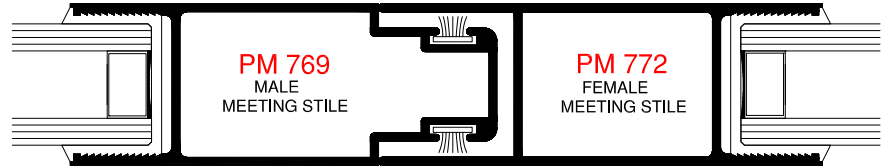
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3000 SERIES - SLIDING WINDOW & DOOR



DG MEETING STILES	
PM769	PM772
$I_{xx} = 26.21 \times 10^3 \text{ mm}^4$	$I_{xx} = 26.57 \times 10^3 \text{ mm}^4$
$y \text{ max} = 12.0$	$x \text{ max} = 12.0$
Moment of Inertia = $52.78 \times 10^3 \text{ mm}^4$	
Max Depth of Section from N Axis = 12mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 4.4	
Panel Width Increments: 100mm	
Door Height Increments: 100mm	



SERVICABILITY 1/250		ULTIMATE U					LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa			
W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
500	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
800	250	4336	4268	4268	4268	4268	4268	4268	4268	4268
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
900	250	2831	2698	2664	2664	2664	2664	2664	2664	2664
	U	8000	8000	7964	7964	7964	7964	7964	7964	7964
1000	250	1940	1839	1766	1748	1748	1748	1748	1748	1748
	U	6609	6150	5891	5806	5806	5806	5806	5806	5806
1100	250	1390	1303	1235	1204	1194	1194	1194	1194	1194
	U	5283	4854	4575	4415	4362	4362	4362	4362	4362
1200	250	1063	958	908	867	849	843	843	843	843
	U	4331	3944	3676	3497	3394	3360	3360	3360	3360
1300	250	810	726	683	653	627	616	612	612	612
	U	3622	3276	3029	2853	2735	2666	2643	2643	2643
1400	250	632	581	527	500	482	465	457	455	455
	U	3078	2770	2545	2379	2260	2179	2132	2116	2116
1500	250	503	460	428	392	375	363	352	347	345
	U	2650	2376	2172	2019	1905	1822	1765	1732	1720
1600	250	406	370	344	314	299	287	276	271	268
	U	2307	2062	1878	1738	1632	1551	1491	1450	1426
1700	250	333	303	280	263	241	231	224	216	212
	U	2028	1808	1641	1514	1415	1338	1280	1236	1206
1800	250	292	251	231	216	198	189	182	177	171
	U	1797	1599	1448	1332	1240	1169	1112	1069	1036
1900	250	245	210	193	180	170	157	150	146	142
	U	1604	1424	1288	1181	1097	1030	977	935	902
2000	250	208	188	163	152	143	135	126	121	118
	U	1441	1278	1153	1056	978	916	866	826	794
2100	250	178	160	139	129	121	115	106	102	99
	U	1302	1153	1039	949	878	821	774	736	705
2200	250	153	138	119	111	104	98	93	87	84
	U	1182	1046	941	859	793	740	696	660	631
2300	250	133	119	109	96	89	84	80	75	72
	U	1079	953	857	781	720	671	630	596	568
2400	250	116	104	95	83	78	73	69	66	62
	U	988	872	783	713	657	611	573	541	515

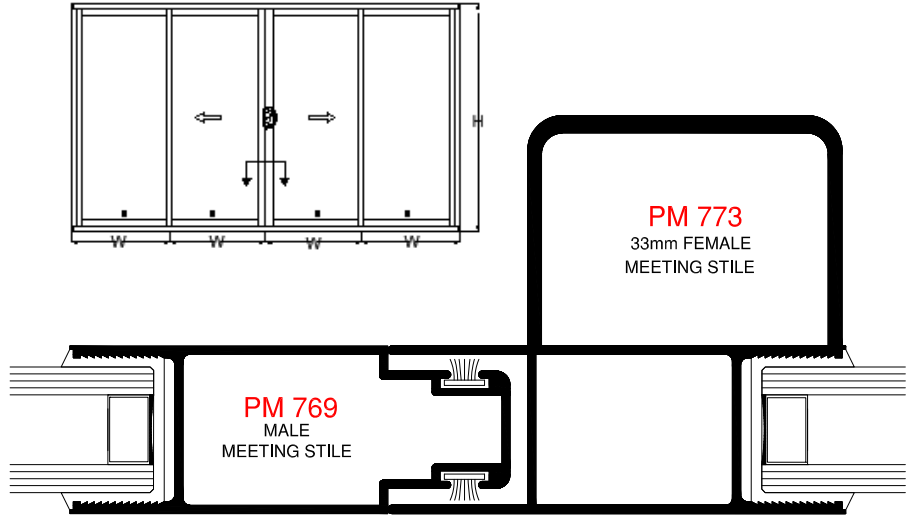
MEETING STILE SELECTION TABLE

B07



3000 SERIES - SLIDING WINDOW & DOOR

DG MEETING STILES	
PM769	PM773
Ixx = 26.21 x 10 ³ mm ⁴	Ixx = 194.79 x 10 ³ mm ⁴
y max = 12.0	x max = 29.4
Moment of Inertia = 221.0 x 10 ³ mm ⁴	
Max Depth of Section from N Axis = 29.4mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 7.5	
Panel Width Increments:	100mm
Door Height Increments:	100mm



SERVICABILITY 1/250		ULTIMATE U				LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa				
W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
500	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
800	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
900	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1000	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1100	250	5000	5000	5000	5000	4970	4970	4970	4970	4970
	U	8000	8000	7819	7546	7455	7455	7455	7455	7455
1200	250	4449	4011	3803	3631	3555	3530	3530	3530	3530
	U	7402	6741	6282	5977	5801	5742	5742	5742	5742
1300	250	3392	3038	2859	2734	2625	2578	2563	2563	2563
	U	6190	5600	5176	4876	4674	4556	4516	4516	4516
1400	250	2646	2431	2206	2096	2017	1945	1915	1905	1905
	U	5260	4734	4349	4067	3863	3725	3643	3616	3616
1500	250	2105	1925	1793	1643	1572	1521	1472	1452	1446
	U	4529	4060	3712	3451	3256	3114	3017	2959	2940
1600	250	1702	1551	1439	1313	1250	1203	1158	1135	1121
	U	3943	3524	3210	2971	2788	2650	2548	2478	2436
1700	250	1396	1268	1173	1099	1011	969	937	905	889
	U	3466	3089	2805	2587	2418	2287	2187	2113	2061
1800	250	1223	1051	968	905	830	792	763	741	717
	U	3071	2732	2475	2276	2120	1997	1901	1827	1771
1900	250	1027	880	809	754	711	656	630	610	594
	U	2742	2434	2201	2019	1875	1761	1670	1598	1542
2000	250	871	785	683	635	598	567	527	508	493
	U	2463	2184	1970	1804	1672	1566	1481	1412	1357
2100	250	744	671	582	540	507	480	445	428	414
	U	2225	1970	1775	1623	1501	1403	1323	1258	1205
2200	250	642	577	500	463	434	410	391	364	351
	U	2021	1787	1608	1468	1355	1264	1190	1129	1078
2300	250	557	500	457	400	374	353	336	312	301
	U	1843	1629	1464	1335	1231	1146	1077	1019	971
2400	250	487	436	398	348	325	306	291	278	259
	U	1688	1491	1339	1219	1123	1044	979	925	880

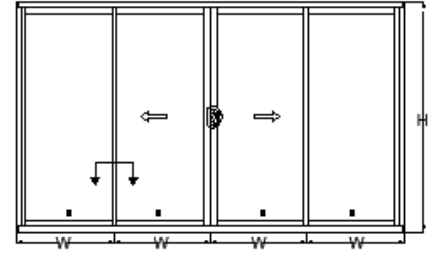
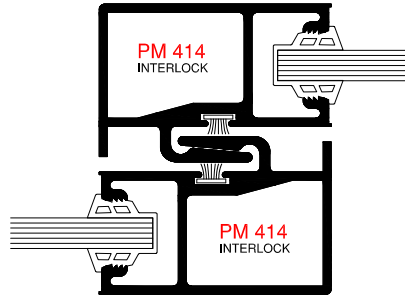
MEETING STILE SELECTION TABLE



PRESS METAL

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3000 SERIES - SLIDING WINDOW & DOOR



INTERLOCKS

PM414

PM414

$I_{xx} = 119.34 \times 10^3 \text{mm}^4$

$I_{yy} = 141.58 \times 10^3 \text{mm}^4$

Max Stress = 110 Mpa

SERVICABILITY
1/250

ULTIMATE
U

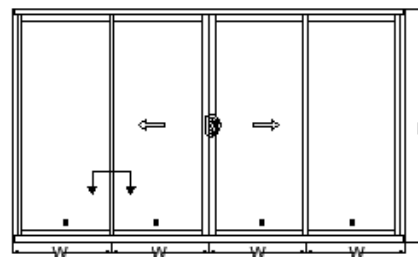
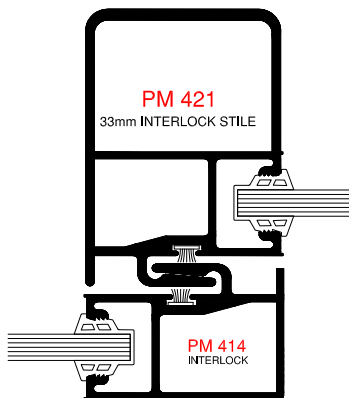
LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
1200	250	2408	2204	2065	1974	1923	1906	1923	1974	2065
	U	6185	5632	5249	4995	4847	4798	4850	5019	5340
1300	250	3089	3089	2608	2469	2469	2324	2306	2324	2376
	U	2574	2574	2174	2057	2057	1936	1922	1936	1980
1400	250	1459	1319	1217	1143	1091	1056	1035	1029	1035
	U	4395	3956	3634	3398	3228	3112	3044	3021	3045
1500	250	1170	1053	967	903	856	821	798	785	781
	U	3784	3392	3102	2884	2721	2602	2521	2473	2457
1600	250	954	855	782	727	685	653	631	615	606
	U	3295	2944	2682	2482	2330	2214	2129	2071	2036
1700	250	788	705	642	594	558	529	508		
	U	2896	2581	2344	2162	2021	1911	1827	1765	1722
1800	250	659	588	534						
	U	2566	2283	2068	1902	1771	1669	1588	1526	1480
1900	250	557								
	U	2291	2034	1839	1687	1567	1472	1396	1335	1288
2000	250									
	U	2058	1825	1647	1507	1397	1309			
2100	250									
	U	1859	1646	1483	1356					
2200	250									
	U	1688	1493							

INTERLOCK SELECTION TABLE

B09



INTERLOCKS

PM414

PM421

$I_{xx} = 323.71 \times 10^3 \text{mm}^4$

$I_{yy} = 207.35 \times 10^3 \text{mm}^4$

Max Stress = 110 Mpa

SERVICABILITY
1/250

ULTIMATE
U

LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	1288	1144	1035	950	883	830	787	753	726
	U	3200	2837	2560	2344	2172	2034	1923	1834	1763
2100	250	1107	982	887	813	754	707	668	638	613
	U	2891	2560	2306	2108	1950	1822	1718	1634	1565
2200	250	959	850	766	701	649	607	573	545	522
	U	2625	2322	2089	1907	1761	1642	1546	1466	1401
2300	250	836	740	667	609	563	526			
	U	2395	2116	1902	1734	1599	1489	1398	1324	1262
2400	250	734	649	584	533					
	U	2193	1937	1739	1584	1458	1356	1272	1202	1143
2500	250	647	572	514						
	U	2017	1779	1597	1452	1336	1241	1162	1097	1042
2600	250	574	507							
	U	1861	1641	1471	1337	1229	1140	1067	1005	
2700	250	512								
	U	1723	1518	1360	1235	1134	1052			
2800	250									
	U	1599	1408	1261	1145	1050				
2900	250									
	U	1489	1310	1173						
3000	250									
	U	1389	1222							

INTERLOCK SELECTION TABLE

B10

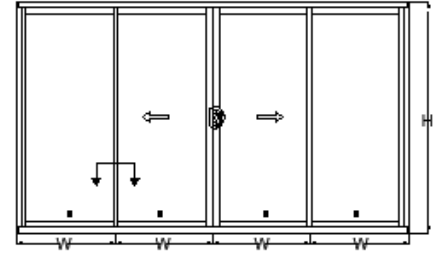
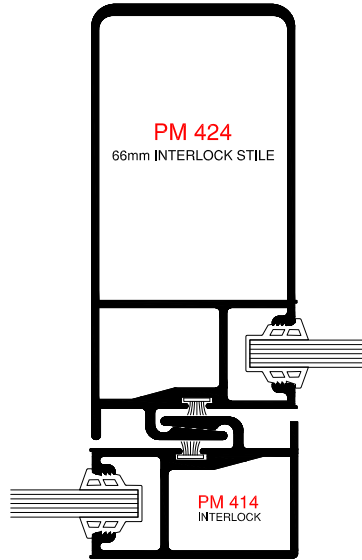


PRESS METAL

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3000 SERIES - SLIDING WINDOW & DOOR

INTERLOCKS	
PM414	PM424
Ixx = 790.36x10 ³ mm ⁴	
Iyy = 243.51x10 ³ mm ⁴	
Max Stress = 110 Mpa	



SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa
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W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	3144	2794	2527	2320	2157	2026	1922	1839	1772
	U	4861	4309	3889	3560	3300	3090	2922	2786	2678
2100	250	2703	2398	2166	1985	1841	1726	1632	1557	1496
	U	4391	3888	3503	3202	2962	2768	2610	2482	2378
2200	250	2342	2075	1871	1712	1585	1482	1399	1331	1275
	U	3988	3527	3174	2897	2675	2495	2348	2227	2128
2300	250	2042	1808	1628	1487	1375	1283	1209	1147	1097
	U	3638	3214	2889	2634	2428	2262	2124	2011	1917
2400	250	1792	1584	1426	1301	1200	1119	1052	997	951
	U	3332	2942	2642	2406	2215	2060	1932	1826	1737
2500	250	1581	1397	1256	1144	1055	982	922	872	830
	U	3064	2703	2425	2206	2030	1885	1766	1666	1582
2600	250	1402	1238	1112	1012	932	867	812	767	729
	U	2827	2492	2235	2031	1867	1732	1620	1527	1448
2700	250	1249	1102	989	900	828	769	720	679	645
	U	2617	2306	2066	1876	1723	1597	1493	1405	1331
2800	250	1118	986	884	804	739	685	641	604	573
	U	2429	2140	1916	1739	1596	1478	1380	1297	1227
2900	250	1005	885	794	721	662	614	574	540	511
	U	2261	1991	1782	1616	1482	1372	1280	1202	1136
3000	250	906	798	715	649	596	552	515		
	U	2110	1857	1661	1506	1380	1277	1190	1117	1055

INTERLOCK SELECTION TABLE

B11

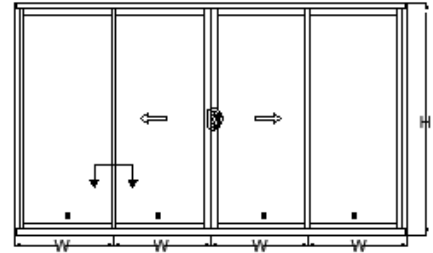
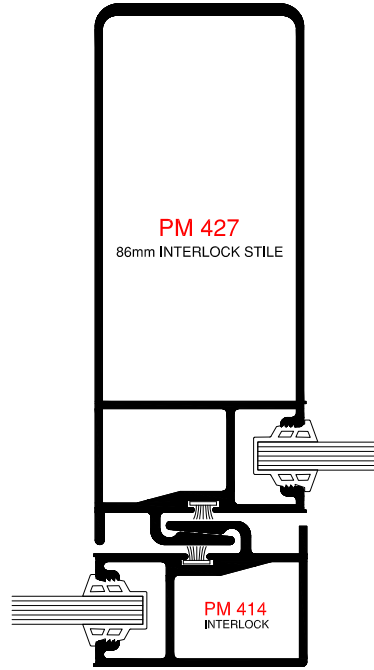


PRESS METAL

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3000 SERIES - SLIDING WINDOW & DOOR

INTERLOCKS	
PM414	PM427
Ixx = 1239.16x10 ³ mm ⁴	
Iyy = 273.71x10 ³ mm ⁴	
Max Stress = 110 Mpa	



SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa								
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W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	4184	3709	3347	3064	2840	2660	2515	2398	2305
	U	6276	5564	5021	4597	4260	3990	3772	3597	3457
2100	250	3780	3347	3016	2756	2549	2383	2247	2136	2047
	U	5670	5020	4523	4134	3824	3574	3370	3205	3070
2200	250	3432	3036	2732	2493	2302	2148	2021	1917	1831
	U	5148	4554	4098	3740	3453	3221	3031	2875	2747
2300	250	3131	2767	2487	2267	2090	1947	1829	1731	1650
	U	4696	4150	3730	3400	3135	2920	2743	2596	2475
2400	250	2809	2484	2235	2039	1882	1754	1649	1563	1490
	U	4302	3798	3411	3106	2860	2660	2495	2357	2243
2500	250	2479	2190	1969	1794	1654	1539	1445	1367	1301
	U	3956	3490	3132	2849	2621	2434	2280	2151	2043
2600	250	2198	1941	1743	1587	1461	1359	1274	1203	1143
	U	3650	3218	2885	2623	2410	2236	2092	1971	1870
2700	250	1959	1728	1551	1411	1298	1205	1129	1065	1011
	U	3378	2977	2668	2423	2225	2062	1927	1814	1718
2800	250	1753	1546	1386	1260	1158	1075	1005	947	898
	U	3136	2762	2474	2245	2060	1908	1782	1675	1585
2900	250	1575	1388	1244	1130	1038	962	899	846	801
	U	2920	2570	2301	2087	1914	1771	1652	1552	1467
3000	250	1421	1251	1121	1018	934	865	808	760	719
	U	2725	2398	2145	1945	1782	1648	1537	1442	1362

INTERLOCK SELECTION TABLE

B12

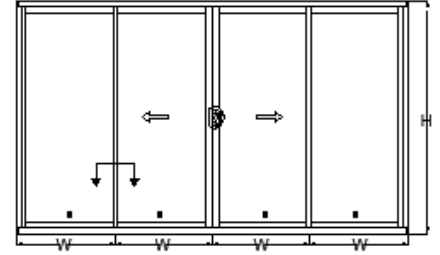
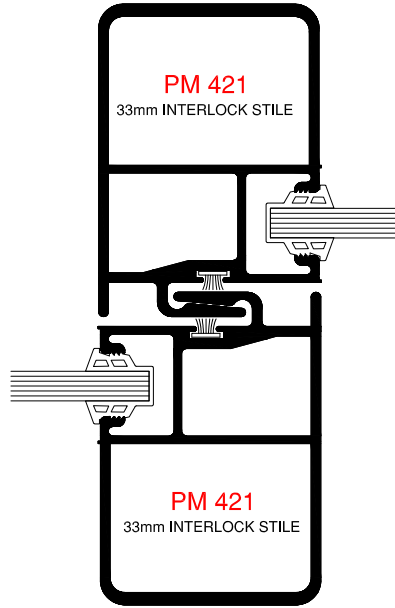


PRESS METAL

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3000 SERIES - SLIDING WINDOW & DOOR

INTERLOCKS	
PM421	PM421
Ixx = 528.08x10 ³ mm ⁴	
Iyy = 273.12x10 ³ mm ⁴	
Max Stress = 110 Mpa	



SERVICABILITY 1/250		ULTIMATE U				LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa				
		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	2101	1867	1689	1550	1441	1354	1284	1228	1184
	U	5220	4628	4176	3823	3543	3319	3138	2992	2876
2100	250	1806	1603	1447	1326	1230	1153	1091	1040	999
	U	4716	4175	3762	3439	3181	2973	2803	2665	2553
2200	250	1564	1386	1250	1144	1059	990	935	889	852
	U	4282	3787	3408	3111	2872	2679	2521	2392	2285
2300	250	1364	1208	1088	994	918	857	808	767	733
	U	3906	3452	3103	2828	2608	2429	2281	2160	2059
2400	250	1197	1059	953	869	802	748	703	666	635
	U	3578	3159	2837	2583	2379	2213	2075	1961	1865
2500	250	1056	933	839	765	705	656	616	582	555
	U	3290	2903	2605	2369	2180	2025	1896	1789	1699
2600	250	937	827	743	676	623	579	543	513	
	U	3036	2677	2400	2181	2005	1860	1740	1640	1555
2700	250	835	737	661	601	553	514			
	U	2810	2476	2219	2015	1851	1715	1603	1509	1429
2800	250	747	659	591	537					
	U	2609	2298	2058	1867	1714	1587	1482	1393	1318
2900	250	671	592	530						
	U	2428	2138	1914	1736	1592	1473	1374	1291	1220
3000	250	605	533							
	U	2266	1994	1784	1618	1482	1371	1278	1200	1133

INTERLOCK SELECTION TABLE

B13



PRESS METAL

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3000 SERIES - SLIDING WINDOW & DOOR

INTERLOCKS

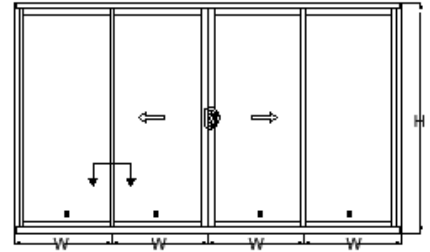
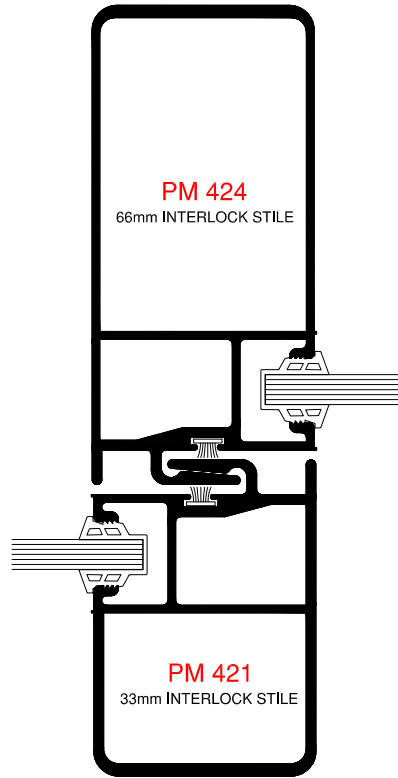
PM421

PM424

$I_{xx} = 994.73 \times 10^3 \text{mm}^4$

$I_{yy} = 309.28 \times 10^3 \text{mm}^4$

Max Stress = 110 Mpa



**SERVICABILITY
1/250**

**ULTIMATE
U**

**LIMITATIONS: Servicability to
5000Pa & Ultimate to 8000Pa**

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	3957	3516	3181	2920	2715	2550	2419	2314	2231
	U	6117	5423	4894	4481	4153	3890	3677	3507	3370
2100	250	3402	3019	2726	2498	2317	2172	2054	1959	1882
	U	5527	4894	4409	4030	3728	3484	3285	3124	2993
2200	250	2947	2612	2355	2155	1995	1866	1761	1675	1605
	U	5019	4439	3995	3646	3366	3140	2955	2803	2678
2300	250	2570	2275	2049	1872	1730	1615	1521	1444	1380
	U	4578	4045	3636	3315	3056	2846	2674	2531	2413
2400	250	2255	1994	1794	1637	1511	1408	1324	1254	1196
	U	4194	3703	3325	3028	2788	2593	2432	2298	2186
2500	250	1990	1758	1580	1440	1328	1236	1160	1097	1045
	U	3856	3402	3053	2777	2555	2373	2222	2097	1991
2600	250	1765	1558	1399	1274	1173	1091	1023	966	918
	U	3558	3137	2813	2556	2350	2180	2039	1922	1822
2700	250	1572	1387	1245	1133	1042	968	906	855	811
	U	3293	2902	2600	2362	2169	2010	1879	1768	1675
2800	250	1407	1241	1113	1011	930	863	807	760	721
	U	3057	2693	2411	2189	2008	1860	1737	1633	1545
2900	250	1264	1114	999	907	833	772	722	679	643
	U	2846	2506	2243	2034	1865	1727	1611	1513	1430
3000	250	1140	1005	900	817	750	695	649	610	577
	U	2656	2337	2091	1896	1737	1607	1498	1406	1328

INTERLOCK SELECTION TABLE

B14



PRESS METAL

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3000 SERIES - SLIDING WINDOW & DOOR

INTERLOCKS

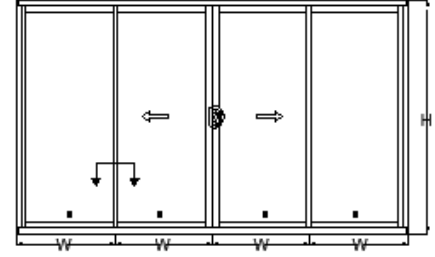
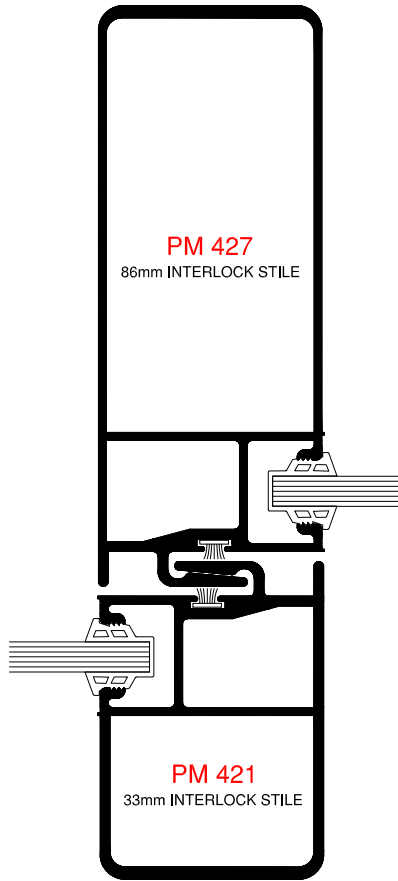
PM421

PM427

$I_{xx} = 1443.53 \times 10^3 \text{mm}^4$

$I_{yy} = 339.48 \times 10^3 \text{mm}^4$

Max Stress = 110 Mpa



**SERVICABILITY
1/250**

**ULTIMATE
U**

**LIMITATIONS: Servicability to
5000Pa & Ultimate to 8000Pa**

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	4874	4321	3899	3570	3308	3099	2930	2794	2685
	U	7311	6481	5849	5355	4963	4648	4395	4190	4027
2100	250	4403	3899	3513	3211	2970	2775	2617	2489	2384
	U	6605	5848	5269	4816	4455	4163	3926	3733	3576
2200	250	3998	3536	3182	2904	2682	2502	2354	2233	2134
	U	5997	5305	4774	4357	4023	3753	3531	3350	3200
2300	250	3647	3223	2897	2641	2435	2268	2130	2016	1922
	U	5471	4834	4346	3961	3653	3402	3195	3025	2883
2400	250	3272	2894	2604	2376	2193	2044	1922	1820	1736
	U	5012	4425	3974	3618	3332	3099	2906	2746	2613
2500	250	2887	2551	2293	2090	1927	1793	1684	1592	1516
	U	4608	4066	3648	3318	3053	2836	2656	2506	2380
2600	250	2561	2261	2030	1849	1702	1583	1484	1401	1332
	U	4252	3749	3361	3055	2808	2605	2437	2297	2178
2700	250	2282	2013	1807	1643	1512	1404	1315	1240	1177
	U	3936	3468	3108	2822	2592	2403	2245	2113	2001
2800	250	2042	1801	1615	1468	1349	1252	1171	1103	1046
	U	3654	3218	2882	2616	2400	2223	2076	1951	1846
2900	250	1835	1617	1449	1316	1209	1121	1048	986	934
	U	3401	2994	2680	2431	2229	2063	1925	1808	1709
3000	250	1655	1458	1306	1185	1088	1008	941	885	837
	U	3174	2793	2499	2265	2076	1920	1790	1680	1587

INTERLOCK SELECTION TABLE

B15

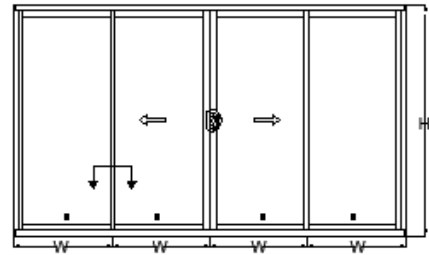
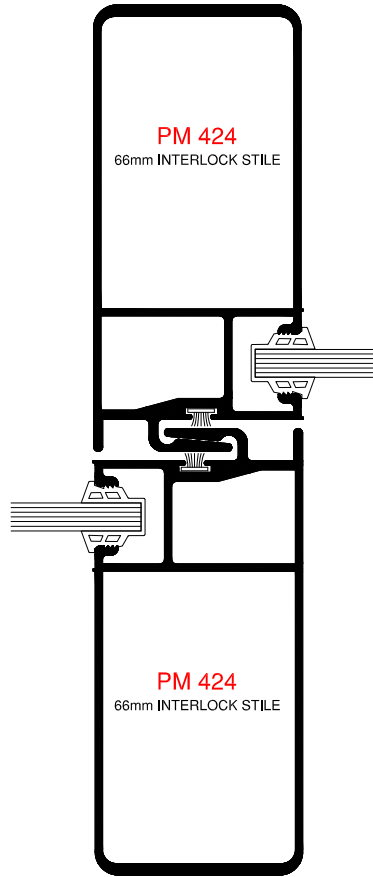


PRESS METAL

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3000 SERIES - SLIDING WINDOW & DOOR

INTERLOCKS	
PM424	PM424
Ixx = 1461.38x10 ³ mm ⁴	
Iyy = 345.44x10 ³ mm ⁴	
Max Stress = 110 Mpa	



SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa								
--------------------------------------	-----------------------------	--	--	--	--	--	--	--	--	--

		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	4874	4321	3899	3570	3308	3099	2930	2794	2685
	U	7311	6481	5849	5355	4963	4648	4395	4190	4027
2100	250	4403	3899	3513	3211	2970	2775	2617	2489	2384
	U	6605	5848	5269	4816	4455	4163	3926	3733	3576
2200	250	3998	3536	3182	2904	2682	2502	2354	2233	2134
	U	5997	5305	4774	4357	4023	3753	3531	3350	3200
2300	250	3647	3223	2897	2641	2435	2268	2130	2016	1922
	U	5471	4834	4346	3961	3653	3402	3195	3025	2883
2400	250	3272	2894	2604	2376	2193	2044	1922	1820	1736
	U	5012	4425	3974	3618	3332	3099	2906	2746	2613
2500	250	2887	2551	2293	2090	1927	1793	1684	1592	1516
	U	4608	4066	3648	3318	3053	2836	2656	2506	2380
2600	250	2561	2261	2030	1849	1702	1583	1484	1401	1332
	U	4252	3749	3361	3055	2808	2605	2437	2297	2178
2700	250	2282	2013	1807	1643	1512	1404	1315	1240	1177
	U	3936	3468	3108	2822	2592	2403	2245	2113	2001
2800	250	2042	1801	1615	1468	1349	1252	1171	1103	1046
	U	3654	3218	2882	2616	2400	2223	2076	1951	1846
2900	250	1835	1617	1449	1316	1209	1121	1048	986	934
	U	3401	2994	2680	2431	2229	2063	1925	1808	1709
3000	250	1655	1458	1306	1185	1088	1008	941	885	837
	U	3174	2793	2499	2265	2076	1920	1790	1680	1587

INTERLOCK SELECTION TABLE

B16

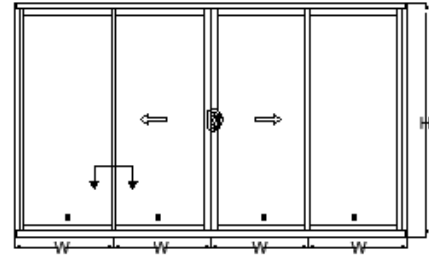
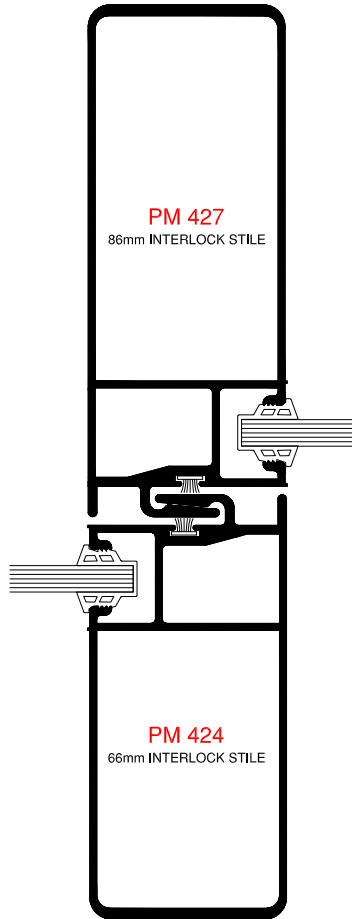


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3000 SERIES - SLIDING WINDOW & DOOR

INTERLOCKS	
PM424	PM427
Ixx = 1910.18x10 ³ mm ⁴	
Iyy = 375.64x10 ³ mm ⁴	
Max Stress = 110 Mpa	



SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa								
------------------------	---------------	---	--	--	--	--	--	--	--	--

W = Panel Width (mm) (W)										
Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	5000	5000	5000	4724	4378	4101	3877	3697	3553
	U	8000	8000	7739	7086	6567	6151	5815	5545	5329
2100	250	5000	5000	4649	4249	3930	3673	3464	3293	3155
	U	8000	7739	6973	6373	5895	5509	5195	4940	4732
2200	250	5000	4680	4211	3843	3549	3311	3115	2955	2823
	U	7936	7019	6317	5765	5324	4966	4673	4433	4235
2300	250	4826	4265	3834	3494	3222	3001	2819	2668	2543
	U	7240	6397	5751	5242	4833	4501	4228	4002	3815
2400	250	4330	3829	3445	3143	2901	2704	2543	2409	2298
	U	6632	5855	5258	4788	4409	4101	3846	3634	3457
2500	250	3821	3376	3035	2766	2549	2373	2228	2107	2006
	U	6098	5380	4827	4391	4040	3752	3514	3316	3149
2600	250	3389	2992	2687	2446	2253	2094	1964	1854	1763
	U	5626	4961	4448	4043	3716	3448	3225	3039	2882
2700	250	3019	2664	2391	2175	2001	1858	1740	1641	1558
	U	5208	4589	4112	3735	3430	3179	2971	2796	2648
2800	250	2702	2383	2137	1942	1785	1657	1550	1460	1384
	U	4835	4258	3813	3461	3176	2942	2746	2582	2443
2900	250	2428	2140	1918	1742	1600	1483	1386	1305	1235
	U	4501	3962	3546	3217	2950	2730	2547	2392	2261
3000	250	2190	1929	1728	1569	1440	1334	1245	1171	1108
	U	4200	3696	3307	2998	2747	2541	2369	2223	2099

INTERLOCK SELECTION TABLE

B17

INTERLOCKS

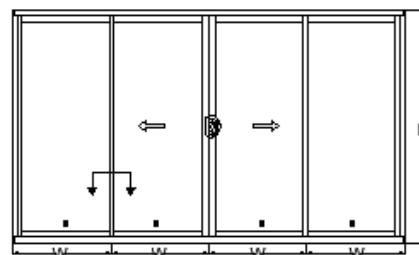
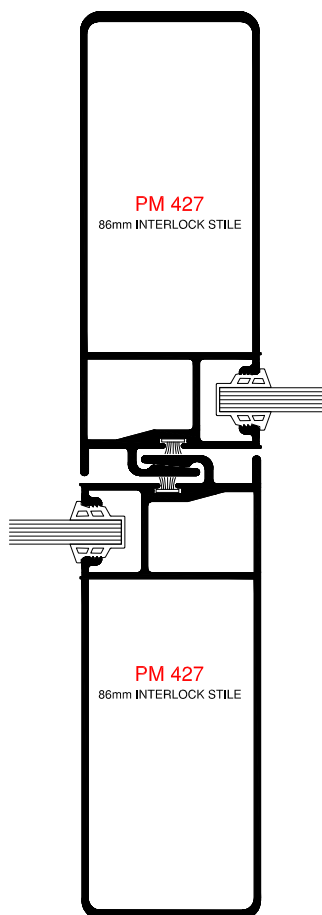
PM427

PM427

$I_{xx} = 2358.98 \times 10^3 \text{mm}^4$

$I_{yy} = 405.84 \times 10^3 \text{mm}^4$

Max Stress = 110 Mpa



**SERVICABILITY
1/250**

**ULTIMATE
U**

**LIMITATIONS: Servicability to
5000Pa & Ultimate to 8000Pa**

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	5000	5000	5000	5000	5000	5000	4788	4565	4388
	U	8000	8000	8000	8000	8000	7596	7182	6848	6582
2100	250	5000	5000	5000	5000	4853	4536	4277	4067	3896
	U	8000	8000	8000	7870	7280	6803	6416	6101	5844
2200	250	5000	5000	5000	4746	4383	4088	3847	3649	3487
	U	8000	8000	7801	7119	6574	6132	5771	5474	5230
2300	250	5000	5000	4734	4315	3979	3706	3481	3295	3141
	U	8000	7900	7102	6473	5969	5559	5222	4943	4711
2400	250	5000	4729	4255	3882	3583	3340	3140	2975	2837
	U	8000	7231	6494	5912	5445	5064	4749	4488	4269
2500	250	4718	4169	3748	3415	3148	2931	2751	2602	2477
	U	7531	6644	5962	5423	4989	4634	4340	4095	3889
2600	250	4185	3695	3318	3021	2782	2586	2425	2290	2177
	U	6948	6126	5493	4992	4589	4258	3983	3753	3559
2700	250	3729	3290	2952	2686	2471	2295	2149	2027	1924
	U	6432	5667	5078	4612	4235	3926	3669	3453	3271
2800	250	3337	2943	2639	2399	2205	2046	1914	1803	1709
	U	5971	5259	4709	4274	3922	3633	3392	3189	3017
2900	250	2998	2643	2368	2151	1976	1832	1712	1611	1526
	U	5558	4893	4380	3973	3643	3372	3145	2955	2792
3000	250	2704	2382	2134	1937	1778	1647	1538	1446	1368
	U	5187	4564	4084	3702	3393	3138	2925	2746	2593

INTERLOCK SELECTION TABLE

B18



MEETING STILES

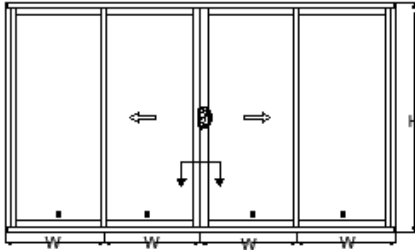
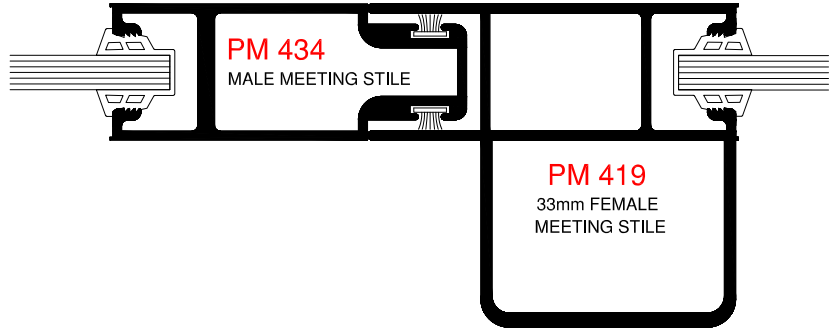
PM434

PM419

$I_{xx} = 239.55 \times 10^3 \text{mm}^4$

$I_{yy} = 362.92 \times 10^3 \text{mm}^4$

Max Stress = 110 Mpa



SERVICABILITY
1/250

ULTIMATE
U

LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	953	847	766	703	654	614	583	557	537
	U	2623	2325	2098	1921	1780	1667	1576	1503	1445
2100	250	819	727	657	602	558	523			
	U	2369	2098	1890	1728	1598	1493	1408	1339	1283
2200	250	710	629	567	519					
	U	2151	1903	1712	1563	1443	1346	1267	1202	1148
2300	250	619	548							
	U	1963	1734	1559	1421	1310	1220	1146	1085	1034
2400	250	543								
	U	1798	1587	1425	1298	1195	1112	1043	985	
2500	250									
	U	1653	1458	1309	1190	1095				
2600	250									
	U	1525	1345	1206	1096					
2700	250									
	U	1412	1244	1115						
2800	250									
	U	1311								
2900	250									
	U	1220								
3000	250									
	U									

MEETING STILE SELECTION TABLE

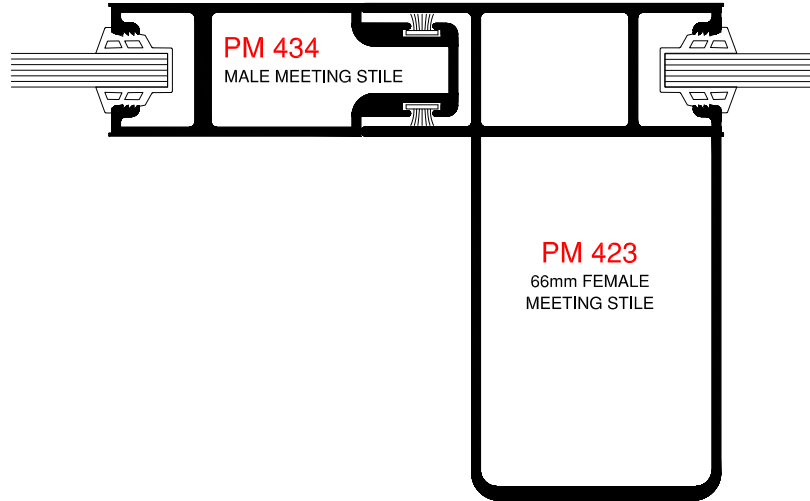
B19



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MEETING STILES

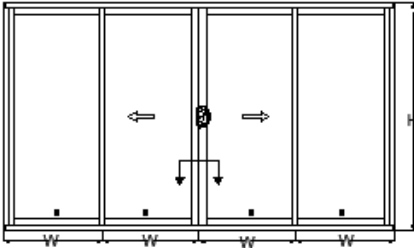
PM434

PM423

$I_{xx} = 661.70 \times 10^3 \text{ mm}^4$

$I_{yy} = 366.56 \times 10^3 \text{ mm}^4$

Max Stress = 110 Mpa



SERVICABILITY
1/250

ULTIMATE
U

LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	2632	2339	2116	1943	1806	1697	1609	1539	1484
	U	4329	3837	3463	3170	2938	2752	2602	2481	2385
2100	250	2263	2008	1814	1662	1541	1445	1366	1303	1252
	U	3911	3463	3120	2852	2638	2465	2325	2210	2117
2200	250	1960	1737	1567	1433	1327	1241	1171	1114	1067
	U	3551	3141	2826	2580	2382	2222	2091	1983	1895
2300	250	1710	1513	1363	1245	1151	1074	1012	960	918
	U	3239	2862	2573	2345	2163	2014	1892	1791	1707
2400	250	1500	1327	1194	1089	1005	937	881	834	796
	U	2967	2620	2353	2142	1973	1835	1721	1626	1547
2500	250	1324	1169	1051	958	883	822	772	730	695
	U	2728	2407	2160	1965	1808	1679	1573	1484	1409
2600	250	1174	1036	931	847	780	726	680	642	611
	U	2518	2220	1990	1809	1663	1543	1443	1360	1290
2700	250	1046	923	828	753	693	644	603	568	540
	U	2330	2053	1840	1671	1535	1423	1329	1251	1185
2800	250	936	825	740	673	618	574	537	506	
	U	2163	1905	1706	1549	1421	1316	1229	1155	1093
2900	250	841	741	664	603	554	514			
	U	2014	1773	1587	1439	1320	1222	1140	1071	1012
3000	250	759	668	599	543					
	U	1879	1654	1480	1341	1229	1137	1060	995	939

MEETING STILE SELECTION TABLE

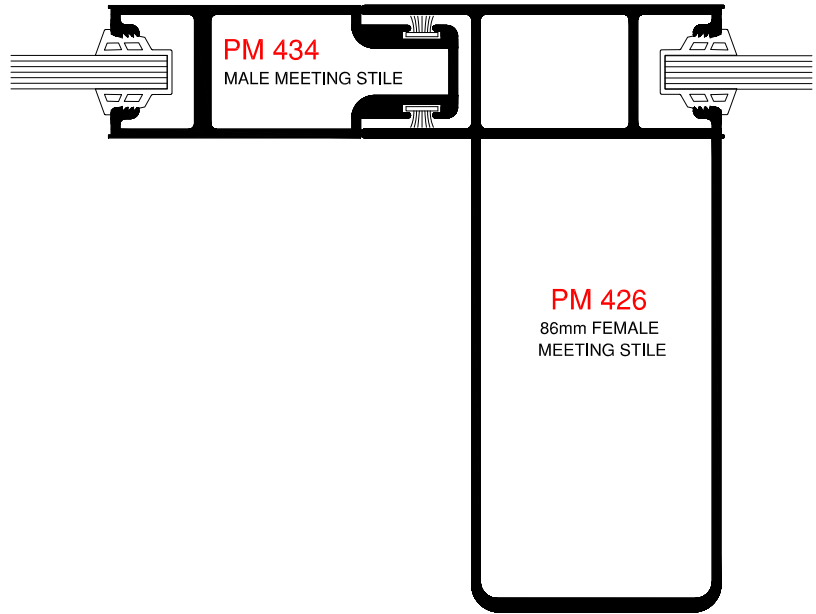
B20



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MEETING STILES

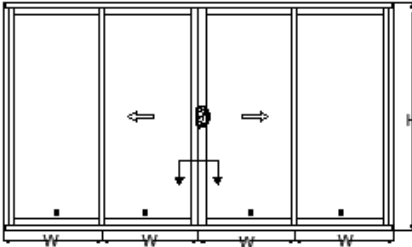
PM434

PM426

$I_{xx} = 1074.34 \times 10^3 \text{mm}^4$

$I_{yy} = 397.39 \times 103 \text{mm}^4$

Max Stress = 110 Mpa



SERVICABILITY
1/250

ULTIMATE
U

LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	3818	3385	3054	2796	2592	2427	2295	2188	2103
	U	5727	5077	4582	4195	3887	3641	3443	3283	3155
2100	250	3449	3054	2752	2515	2326	2174	2050	1950	1868
	U	5174	4581	4128	3773	3490	3261	3076	2924	2801
2200	250	3132	2770	2493	2275	2101	1960	1844	1749	1671
	U	4698	4155	3739	3413	3151	2940	2766	2624	2507
2300	250	2776	2457	2213	2022	1869	1745	1643	1559	1491
	U	4286	3787	3404	3103	2861	2665	2503	2369	2258
2400	250	2435	2154	1938	1768	1632	1521	1430	1355	1292
	U	3926	3466	3113	2834	2610	2427	2277	2151	2047
2500	250	2149	1899	1707	1555	1434	1335	1253	1185	1128
	U	3610	3185	2858	2599	2391	2221	2080	1963	1864
2600	250	1906	1683	1511	1376	1267	1178	1104	1043	991
	U	3331	2937	2633	2393	2200	2041	1909	1799	1706
2700	250	1698	1498	1345	1223	1125	1045	979	923	876
	U	3083	2717	2434	2211	2030	1882	1759	1655	1568
2800	250	1520	1340	1202	1092	1004	932	872	821	778
	U	2862	2521	2257	2049	1880	1741	1626	1529	1446
2900	250	1366	1204	1079	980	900	834	780	734	695
	U	2664	2345	2099	1904	1746	1616	1508	1416	1339
3000	250	1232	1085	972	882	810	750	700	659	623
	U	2486	2188	1958	1775	1626	1504	1402	1316	1243

MEETING STILE SELECTION TABLE

B21



MEETING STILES

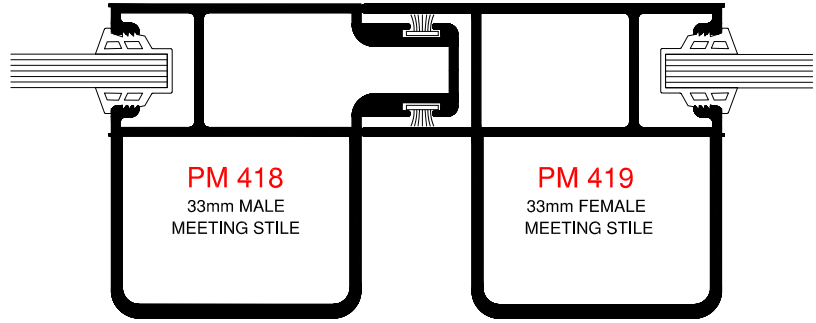
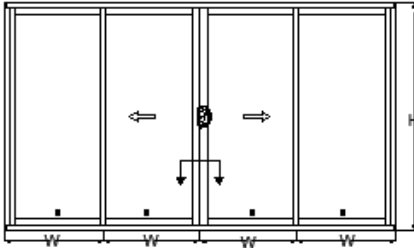
PM418

PM419

$I_{xx} = 429.23 \times 10^3 \text{mm}^4$

$I_{yy} = 406.11 \times 10^3 \text{mm}^4$

Max Stress = 110 Mpa



**SERVICABILITY
1/250**

**ULTIMATE
U**

**LIMITATIONS: Servicability to
5000Pa & Ultimate to 8000Pa**

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	1707	1517	1373	1260	1171	1101	1044	998	963
	U	4531	4017	3625	3319	3076	2881	2724	2597	2496
2100	250	1468	1303	1176	1078	1000	937	886	845	812
	U	4094	3625	3266	2985	2761	2580	2433	2314	2217
2200	250	1272	1127	1016	930	861	805	760	723	692
	U	3717	3288	2959	2700	2493	2326	2189	2076	1984
2300	250	1109	982	884	808	747	697	656	623	596
	U	3391	2996	2693	2455	2264	2108	1980	1875	1787
2400	250	973	861	774	706	652	608	571	541	516
	U	3106	2742	2463	2242	2065	1921	1801	1702	1619
2500	250	859	759	682	621	573	533	501		
	U	2856	2520	2261	2057	1892	1757	1646	1553	1475
2600	250	761	672	604	550	506				
	U	2635	2323	2083	1893	1740	1615	1511	1423	1350
2700	250	678	599	537						
	U	2439	2149	1926	1749	1606	1489	1392	1310	1240
2800	250	607	535							
	U	2265	1994	1786	1621	1488	1378	1286	1209	1144
2900	250	546								
	U	2108	1856	1661	1507	1382	1279	1193		
3000	250									
	U	1967	1731	1549	1404	1287				

MEETING STILE SELECTION TABLE

B22



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3000 SERIES - SLIDING WINDOW & DOOR

MEETING STILES

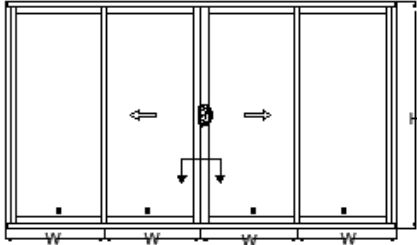
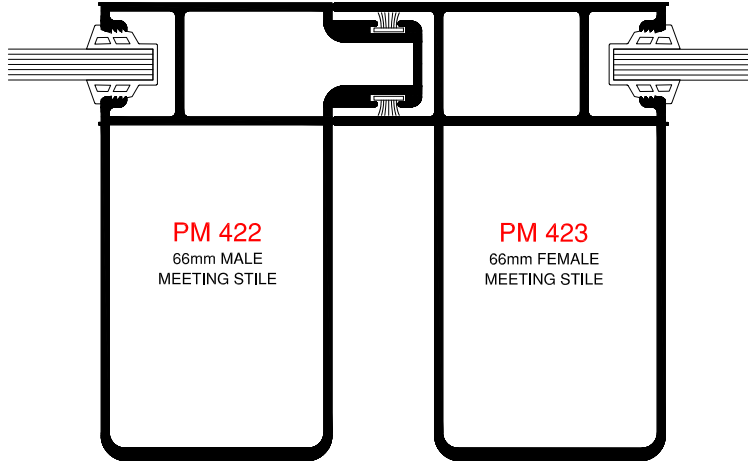
PM422

PM423

$I_{xx} = 1297.64 \times 10^3 \text{mm}^4$

$I_{yy} = 489.32 \times 10^3 \text{mm}^4$

Max Stress = 110 Mpa



SERVICABILITY
1/250

ULTIMATE
U

LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	5000	4576	4140	3801	3533	3319	3148	3012	2903
	U	8000	7252	6544	5991	5553	5201	4917	4689	4506
2100	250	4428	3929	3548	3251	3016	2826	2673	2550	2450
	U	7390	6543	5896	5389	4985	4658	4393	4177	4002
2200	250	3835	3399	3065	2804	2596	2428	2291	2180	2088
	U	6711	5935	5341	4875	4501	4199	3951	3748	3581
2300	250	3345	2961	2667	2436	2252	2102	1980	1879	1796
	U	6122	5409	4862	4432	4087	3806	3575	3384	3226
2400	250	2935	2595	2335	2130	1966	1833	1723	1633	1557
	U	5608	4951	4446	4048	3728	3467	3252	3073	2923
2500	250	2590	2288	2057	1874	1728	1608	1510	1428	1360
	U	5156	4549	4082	3713	3416	3173	2972	2804	2663
2600	250	2297	2028	1821	1658	1527	1419	1331	1257	1195
	U	4757	4195	3761	3418	3142	2915	2727	2570	2437
2700	250	2046	1806	1620	1474	1356	1259	1179	1112	1056
	U	4404	3880	3477	3158	2900	2688	2512	2364	2239
2800	250	1831	1615	1448	1316	1210	1123	1050	989	938
	U	4088	3601	3224	2927	2686	2487	2322	2183	2066
2900	250	1646	1450	1300	1181	1084	1005	940	884	837
	U	3806	3350	2999	2720	2494	2309	2154	2023	1912
3000	250	1484	1307	1171	1063	976	904	844	794	751
	U	3552	3125	2796	2535	2323	2149	2003	1880	1775

MEETING STILE SELECTION TABLE

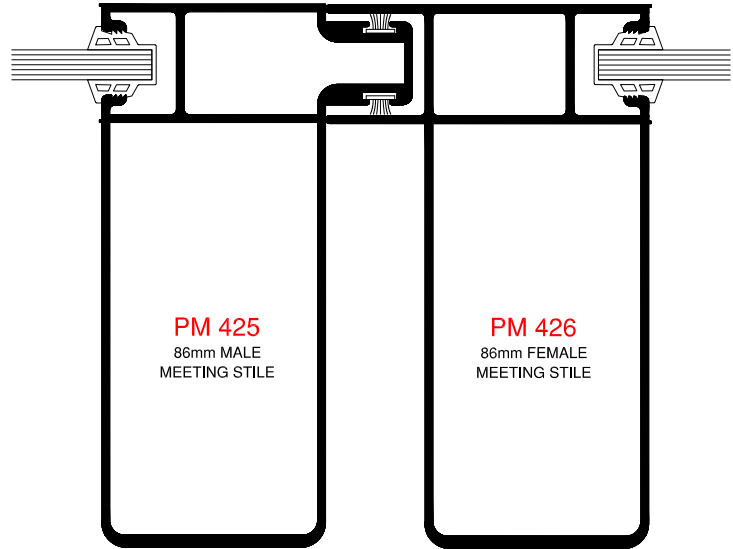
B23



PRESS METAL

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3000 SERIES - SLIDING WINDOW & DOOR



MEETING STILES

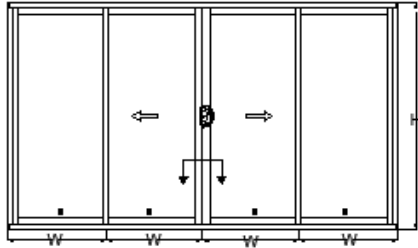
PM425

PM426

$I_{xx} = 2141.65 \times 10^3 \text{mm}^4$

$I_{yy} = 551.59 \times 10^3 \text{mm}^4$

Max Stress = 110 Mpa



SERVICABILITY
1/250

ULTIMATE
U

LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa

W = Panel Width (mm) (W)

Door Height (mm) (H)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
2000	250	5000	5000	5000	5000	4996	4679	4424	4218	4054
	U	8000	8000	8000	8000	7494	7019	6636	6328	6081
2100	250	5000	5000	5000	4848	4484	4191	3952	3758	3600
	U	8000	8000	7957	7272	6727	6286	5929	5637	5400
2200	250	5000	5000	4805	4386	4050	3778	3555	3372	3222
	U	8000	8000	7208	6578	6075	5666	5332	5058	4832
2300	250	5000	4867	4375	3987	3677	3424	3217	3045	2902
	U	8000	7300	6562	5981	5515	5136	4825	4567	4353
2400	250	4855	4294	3863	3524	3253	3032	2851	2701	2576
	U	7567	6681	6000	5463	5031	4679	4388	4147	3945
2500	250	4284	3785	3402	3101	2858	2661	2498	2362	2249
	U	6958	6139	5509	5011	4610	4282	4010	3784	3594
2600	250	3799	3354	3012	2743	2526	2348	2201	2079	1976
	U	6420	5661	5076	4613	4240	3934	3680	3468	3289
2700	250	3385	2987	2680	2438	2243	2083	1951	1840	1747
	U	5943	5237	4692	4262	3914	3628	3390	3191	3022
2800	250	3030	2671	2396	2178	2002	1857	1737	1637	1552
	U	5517	4859	4352	3949	3624	3357	3134	2947	2788
2900	250	2722	2399	2150	1953	1794	1663	1554	1463	1385
	U	5136	4521	4047	3671	3366	3115	2906	2730	2580
3000	250	2455	2163	1937	1759	1614	1495	1396	1313	1242
	U	4793	4218	3773	3421	3135	2900	2703	2537	2396

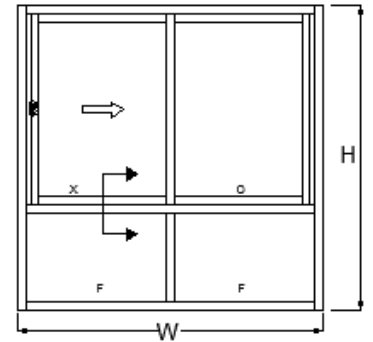
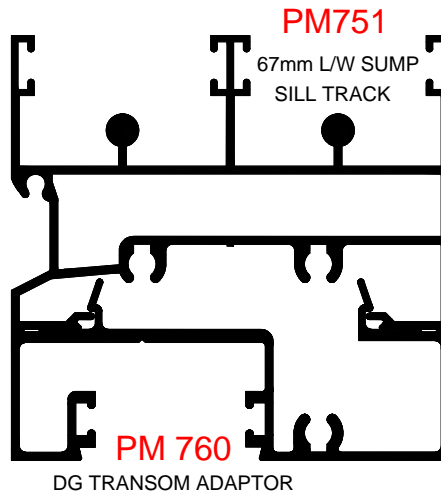
MEETING STILE SELECTION TABLE

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3001 - 3002 SERIES - SLIDING WINDOW

TRANSOM	
PM751	PM760
$I_{yy} = 222.97 \times 10^3 \text{ mm}^4$	$I_{yy} = 135.60 \times 10^3 \text{ mm}^4$
x max = 33.6	x max = 34.4
Moment of Inertia = $358.57 \times 10^3 \text{ mm}^4$	
Max Depth of Section from N Axis = 34.4mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 10.4	
Panel Width Increments: 100mm	
Door Height Increments: 100mm	



SERVICABILITY 1/250	ULTIMATE U	LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa								
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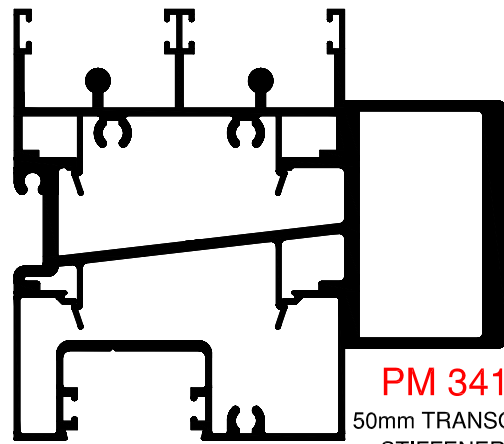
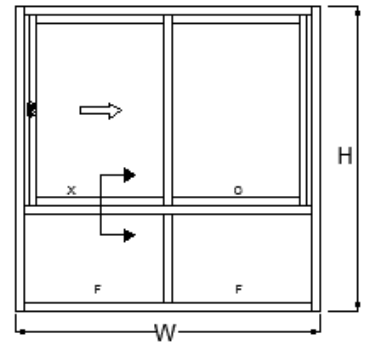
Heigh (mm) (H)										
Width (mm) (W)	Servicability	700	800	900	1000	1100	1200	1300	1400	1500
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1400	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1500	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1800	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	7962	7962	7962
1900	250	5000	4929	4639	4436	4259	4183	4158	4158	4158
	U	8000	7765	7177	6761	6481	6317	6263	6263	6263
2000	250	4294	3945	3579	3400	3273	3156	3107	3091	3091
	U	7293	6564	6031	5639	5357	5165	5052	5014	5014
2100	250	3415	3124	2909	2666	2551	2468	2388	2356	2346
	U	6280	5630	5147	4786	4516	4319	4183	4104	4077
2200	250	2761	2517	2334	2130	2029	1952	1878	1841	1819
	U	5468	4886	4451	4119	3867	3675	3534	3436	3379
2300	250	2265	2058	1902	1784	1641	1572	1520	1468	1442
	U	4806	4284	3890	3588	3353	3172	3033	2929	2858
2400	250	1984	1705	1571	1469	1346	1286	1238	1202	1164
	U	4259	3788	3432	3156	2940	2770	2636	2533	2456
2500	250	1666	1428	1313	1224	1154	1065	1022	989	963
	U	3802	3376	3051	2799	2600	2442	2316	2216	2138
2600	250	1412	1274	1108	1031	969	920	854	824	800
	U	3415	3028	2732	2502	2318	2172	2053	1958	1882
2700	250	1208	1088	944	877	823	779	722	694	672
	U	3086	2732	2462	2250	2081	1945	1834	1744	1671
2800	250	1041	936	811	752	704	666	634	590	570
	U	2802	2478	2230	2035	1880	1753	1650	1565	1495
2900	250	904	812	741	650	607	573	545	506	488
	U	2556	2259	2030	1851	1706	1589	1493	1413	1347
3000	250	789	708	645	565	528	497	472	451	421
	U	2341	2067	1856	1690	1557	1448	1358	1283	1221

TRANSOM SELECTION TABLE

3001 - 3002 SERIES - SLIDING WINDOW

PM 335

67mm SILL TRACK
MATING TRANSOM



PM 341

50mm TRANSOM
STIFFENER

PM 748

30mm FRAME

TRANSOM	
PM335	PM748
Iyy = 195.89 x 10 ³ mm ⁴	Iyy = 152.93 x 10 ³ mm ⁴
x max = 33.5	x max = 35.5
Moment of Inertia = 1276.47 x 10 ³ mm ⁴	
Max Depth of Section from N Axis = 62.8mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 20.3	
Panel Width Increments: 100mm	
Door Height Increments: 100mm	

PM341	SERVICABILITY	ULTIMATE	LIMITATIONS: Servicability to
Iyy = 927.65 x 10 ³ mm ⁴	1/250	U	5000Pa & Ultimate to 8000Pa
x max = 62.8			

H = Height (mm) (H)										
Width (mm) (W)	Servicability	400	500	600	700	800	900	1000	1100	1200
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1400	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1500	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1600	250	5000	5000	5000	5000	5000	5000	5000	5000	4777
	U	8000	8000	8000	8000	8000	8000	8000	7540	7166
1700	250	5000	5000	5000	5000	5000	5000	4664	4359	4123
	U	8000	8000	8000	8000	8000	7586	6996	6539	6185
1800	250	5000	5000	5000	5000	4925	4461	4102	3822	3600
	U	8000	8000	8000	8000	7387	6692	6154	5732	5401
1900	250	5000	5000	5000	4942	4388	3967	3639	3381	3175
	U	8000	8000	8000	7414	6582	5950	5459	5071	4762
2000	250	5000	5000	5000	4440	3936	3552	3252	3014	2823
	U	8000	8000	7683	6660	5905	5328	4878	4521	4235
2100	250	5000	5000	4633	4011	3552	3200	2925	2706	2529
	U	8000	8000	6949	6017	5328	4801	4388	4058	3793
2200	250	5000	4922	4210	3643	3222	2889	2646	2443	2279
	U	8000	7521	6316	5464	4833	4349	3969	3665	3419
2300	250	5000	4284	3659	3217	2889	2637	2312	2162	2040
	U	8000	6871	5766	4984	4404	3959	3609	3328	3099
2400	250	4906	3751	3201	2810	2521	2298	2012	1879	1770
	U	7836	6302	5286	4566	4031	3620	3296	3036	2823
2500	250	4325	3537	2816	2470	2212	2014	1858	1642	1545
	U	7216	5801	4863	4198	3704	3323	3023	2781	2583
2600	250	3832	3131	2490	2182	1952	1776	1636	1444	1357
	U	6668	5358	4490	3874	3415	3062	2783	2558	2374
2700	250	3411	2785	2213	1937	1732	1574	1448	1277	1199
	U	6179	4964	4158	3585	3159	2831	2571	2361	2189
2800	250	3050	2488	1975	1728	1543	1401	1288	1197	1064
	U	5743	4612	3862	3329	2932	2625	2383	2187	2025
2900	250	2738	2232	1771	1547	1381	1253	1151	1068	949
	U	5351	4296	3596	3099	2728	2442	2215	2031	1880
3000	250	2467	2010	1706	1391	1241	1125	1032	958	896
	U	4998	4012	3357	2892	2545	2277	2064	1892	1749

TRANSOM SELECTION TABLE

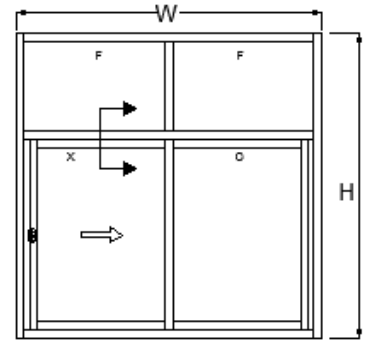
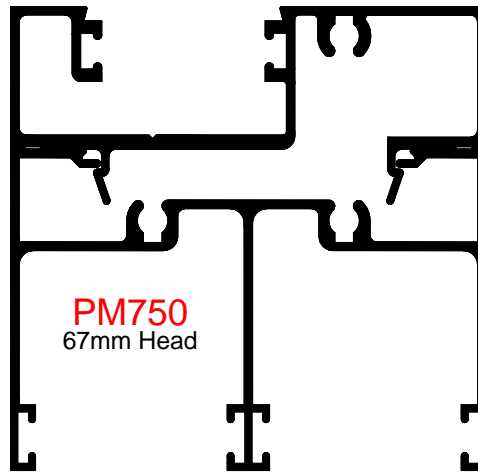
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3001 - 3002 SERIES - SLIDING WINDOW

PM 760

DG TRANSOM ADAPTOR



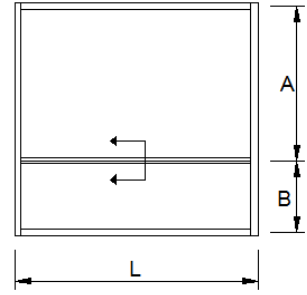
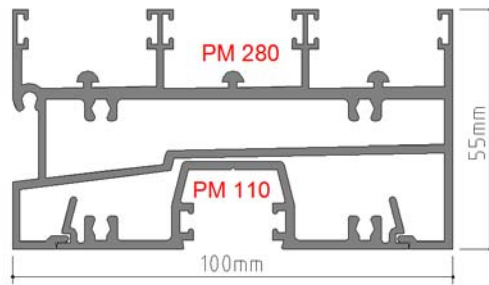
TRANSOM	
PM760	PM750
$I_{yy} = 195.89 \times 10^3 \text{ mm}^4$	$I_{yy} = 127.21 \times 10^3 \text{ mm}^4$
x max = 33.5	x max = 35.1
Moment of Inertia = $1250.75 \times 10^3 \text{ mm}^4$	
Max Depth of Section from N Axis = 62.8mm	
E - Modulus = 69 Gpa	
Ultimate Stress = 110 Mpa	
Z Section Modules = 19.9	
Panel Width Increments: 100mm	
Door Height Increments: 100mm	

SERVICABILITY 1/250		ULTIMATE U				LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa				
H = Height (mm) (H)										
Width (mm) (W)	Servicability	400	500	600	700	800	900	1000	1100	1200
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	7962
1300	250	5000	5000	5000	5000	4929	4639	4436	4259	4183
	U	8000	8000	8000	8000	7765	7177	6761	6481	6317
1400	250	5000	5000	4781	4294	3945	3579	3400	3273	3156
	U	8000	8000	8000	7293	6564	6031	5639	5357	5165
1500	250	5000	4640	4028	3415	3124	2909	2666	2551	2468
	U	8000	8000	7177	6280	5630	5147	4786	4516	4319
1600	250	4552	3776	3268	2761	2517	2334	2130	2029	1952
	U	8000	7407	6266	5468	4886	4451	4119	3867	3675
1700	250	3763	3114	2688	2265	2058	1902	1784	1641	1572
	U	8000	6536	5519	4806	4284	3890	3588	3353	3172
1800	250	3147	2599	2238	1984	1705	1571	1469	1346	1286
	U	7196	5812	4900	4259	3788	3432	3156	2940	2770
1900	250	2658	2191	1883	1666	1428	1313	1224	1154	1065
	U	6448	5202	4380	3802	3376	3051	2799	2600	2442
2000	250	2426	1864	1599	1412	1274	1108	1031	969	920
	U	5810	4684	3940	3415	3028	2732	2502	2318	2172
2100	250	2084	1600	1370	1208	1088	944	877	823	779
	U	5264	4240	3564	3086	2732	2462	2250	2081	1945
2200	250	1804	1383	1183	1041	936	811	752	704	666
	U	4791	3857	3239	2802	2478	2230	2035	1880	1753
2300	250	1572	1203	1028	904	812	741	650	607	573
	U	4379	3523	2957	2556	2259	2030	1851	1706	1589
2400	250	1378	1054	899	789	708	645	565	528	497
	U	4018	3232	2711	2341	2067	1856	1690	1557	1448
2500	250	1215	994	791	694	621	566	522	461	434
	U	3701	2975	2494	2153	1899	1704	1550	1426	1325
2600	250	1076	879	699	613	548	499	460	406	381
	U	3419	2748	2302	1986	1751	1570	1427	1312	1217
2700	250	958	782	622	544	486	442	407	359	337
	U	3169	2546	2132	1839	1620	1452	1319	1211	1122
2800	250	857	699	555	485	433	394	362	336	299
	U	2945	2365	1980	1707	1503	1346	1222	1121	1039
2900	250	769	627	497	435	388	352	323	300	266
	U	2744	2203	1844	1589	1399	1252	1136	1041	964
3000	250	693	565	479	391	349	316	290	269	252
	U	2563	2057	1722	1483	1305	1167	1058	970	897

TRANSOM SELECTION TABLE

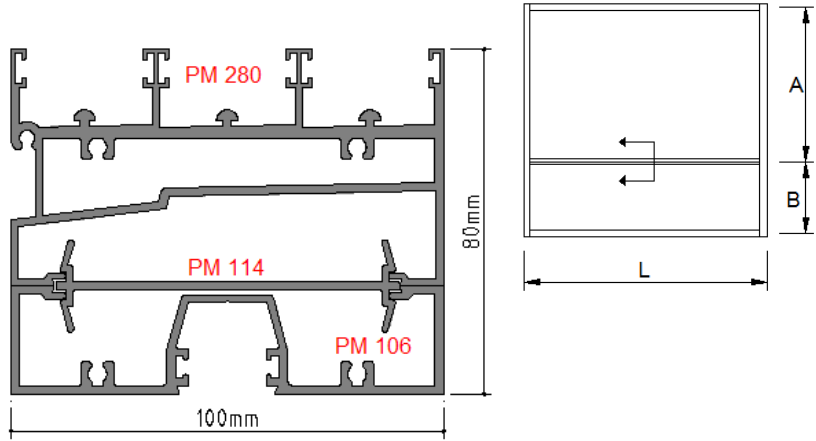
3000 SERIES - 100mm TRANSOM

TRANSOM	
PM280	PM110
$I_{yy} = 1165.29 \times 10^3 \text{ mm}^4$	
$x \text{ max} = 50.7 \text{ mm}$	
Ultimate Stress = 110 Mpa	
Transom Length Increments: 100mm	
Transom Height Increments: 100mm	



Low Lite Height (mm) B	600	SERVICABILITY 1/250		ULTIMATE U		LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa				
		Top Panel Height (mm) A								
Window Width (mm) L	Servicability	1200	1300	1400	1500	1600	1700	1800	1900	2000
900	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1000	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1400	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1500	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000
1800	250	5000	5000	4909	4810	4739	4696	4682	4682	4682
	U	7803	7559	7364	7215	7108	7045	7023	7023	7023
1900	250	4285	4178	4091	4022	3931	3895	3874	3867	3867
	U	6915	6681	6490	6336	6219	6135	6085	6068	6068
2000	250	3722	3512	3432	3367	3315	3243	3216	3200	3195
	U	6174	5953	5768	5616	5494	5401	5334	5294	5280
2100	250	3165	2981	2908	2847	2797	2731	2701	2680	2668
	U	5549	5340	5164	5016	4895	4797	4721	4668	4635
2200	250	2714	2633	2486	2430	2383	2345	2291	2269	2253
	U	5016	4820	4653	4511	4392	4293	4214	4152	4109
2300	250	2346	2272	2142	2091	2047	2011	1981	1938	1920
	U	4558	4375	4217	4081	3966	3868	3788	3723	3672
2400	250	2041	1974	1917	1812	1772	1738	1709	1686	1650
	U	4162	3989	3840	3712	3601	3506	3426	3359	3306
2500	250	1787	1727	1675	1631	1544	1512	1485	1462	1444
	U	3815	3654	3513	3391	3285	3194	3116	3049	2994
2600	250	1573	1519	1472	1431	1354	1324	1299	1277	1259
	U	3511	3360	3228	3112	3011	2923	2847	2782	2726
2700	250	1393	1343	1301	1263	1231	1166	1143	1122	1105
	U	3243	3101	2976	2866	2771	2687	2613	2549	2495
2800	250	1239	1194	1155	1121	1091	1033	1011	992	975
	U	3004	2871	2753	2650	2559	2478	2408	2346	2292
2900	250	1107	1066	1030	999	972	948	898	880	865
	U	2792	2666	2555	2457	2371	2294	2227	2167	2115
3000	250	1047	955	923	894	869	847	827	785	771
	U	2601	2482	2378	2285	2203	2130	2066	2008	1958
3100	250	943	860	830	804	780	760	742	704	690
	U	2430	2318	2219	2131	2053	1984	1922	1867	1818
3200	250	852	777	749	725	704	685	668	653	620
	U	2275	2169	2075	1992	1918	1852	1793	1740	1694
3300	250	773	743	679	656	636	619	603	589	559
	U	2134	2034	1945	1867	1796	1733	1677	1627	1582
3400	250	703	675	617	596	578	561	547	534	522
	U	2007	1912	1828	1753	1686	1626	1572	1524	1481
3500	250	641	615	593	543	526	511	497	485	474
	U	1890	1800	1720	1649	1586	1528	1477	1431	1390
3600	250	586	563	542	496	480	466	454	442	432
	U	1784	1698	1622	1555	1494	1440	1391	1347	1307

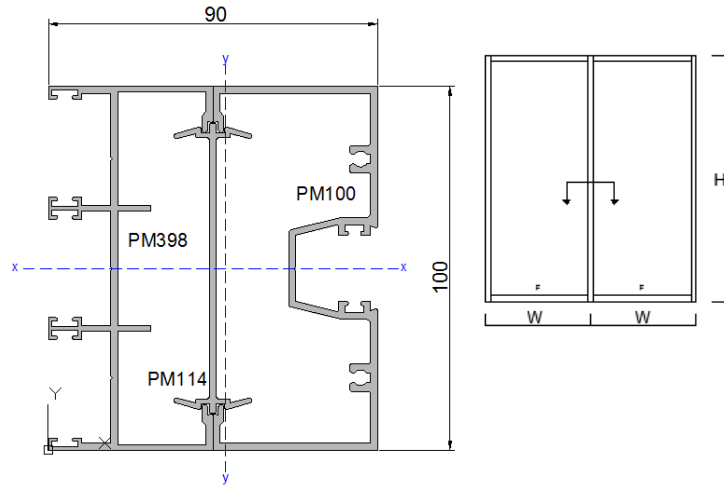
3000 SERIES - 100mm TRANSOM



TRANSOM	
PM280	PM106
$I_{yy} = 1677.39 \times 10^3 \text{ mm}^4$	
$x_{\text{max}} = 50.7 \text{ mm}$	
Ultimate Stress = 110 Mpa	
Transom Length Increments: 100mm	
Transom Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U		LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa						
Low Lite Height (mm) B		600									
		Top Panel Height (mm) A									
Window Width (mm) L	Servicability	1200	1300	1400	1500	1600	1700	1800	1900	2000	
900	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1000	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1100	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1200	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1300	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1400	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1500	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1600	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1700	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1800	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
1900	250	5000	5000	5000	5000	5000	5000	5000	5000	5000	
	U	8000	8000	8000	8000	8000	8000	8000	8000	8000	
2000	250	5000	5000	4940	4846	4772	4669	4630	4607	4599	
	U	8000	8000	8000	8000	7909	7774	7678	7620	7600	
2100	250	4556	4292	4186	4098	4027	3931	3888	3858	3841	
	U	7988	7687	7433	7221	7046	6905	6796	6719	6672	
2200	250	3907	3790	3578	3498	3430	3375	3298	3266	3242	
	U	7221	6939	6698	6494	6322	6180	6066	5977	5914	
2300	250	3376	3270	3084	3009	2947	2894	2852	2789	2764	
	U	6562	6297	6070	5875	5708	5568	5452	5358	5286	
2400	250	2938	2842	2760	2608	2550	2501	2460	2427	2376	
	U	5991	5743	5528	5343	5183	5047	4931	4836	4758	
2500	250	2572	2486	2411	2347	2222	2177	2138	2105	2078	
	U	5492	5260	5058	4882	4729	4598	4485	4389	4310	
2600	250	2265	2187	2119	2060	1949	1906	1870	1839	1812	
	U	5055	4836	4646	4479	4334	4208	4098	4004	3924	
2700	250	2005	1934	1872	1819	1772	1679	1645	1615	1590	
	U	4668	4463	4284	4126	3988	3867	3762	3670	3591	
2800	250	1783	1719	1662	1613	1571	1487	1455	1427	1403	
	U	4325	4132	3963	3814	3683	3567	3466	3377	3300	
2900	250	1593	1534	1483	1438	1399	1364	1293	1267	1245	
	U	4019	3837	3678	3537	3412	3302	3205	3119	3044	
3000	250	1507	1375	1329	1287	1251	1219	1191	1131	1109	
	U	3744	3573	3423	3289	3171	3066	2973	2891	2818	
3100	250	1357	1238	1195	1157	1123	1094	1068	1013	993	
	U	3497	3336	3194	3067	2955	2855	2766	2687	2617	
3200	250	1227	1118	1079	1044	1013	985	961	940	893	
	U	3274	3122	2987	2867	2761	2666	2581	2505	2438	
3300	250	1112	1069	977	945	916	891	868	848	805	
	U	3072	2928	2800	2687	2586	2495	2414	2342	2277	
3400	250	1012	972	888	858	832	808	787	768	752	
	U	2888	2752	2631	2523	2427	2341	2263	2194	2132	
3500	250	923	886	853	781	757	735	716	698	683	
	U	2721	2591	2476	2374	2282	2200	2126	2060	2000	
3600	250	844	810	780	714	691	671	653	637	622	
	U	2567	2445	2335	2238	2151	2072	2002	1938	1881	

3000 SERIES - 100mm FRAME

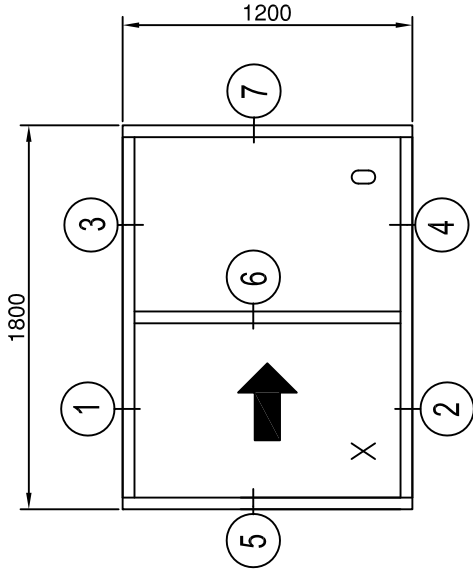


MULLIONS	
PM398	PM100
I _{xx} = 1516.85 x 10 ³ mm ⁴	
Ultimate Stress = 110 Mpa	
Panel Width Increments: 100mm	
Panel Height Increments: 100mm	

		SERVICABILITY 1/250	ULTIMATE U		LIMITATIONS: Servicability to 5000Pa & Ultimate to 8000Pa					
		W = Panel Width (mm) (W)								
Door Height (mm) (H)	Servicability	1200	1300	1400	1500	1600	1700	1800	1900	2000
2000	250	3894	3614	3485	3383	3304	3212	3172	3148	3140
	U	6320	5976	5698	5476	5303	5171	5079	5024	5006
2100	250	3296	3052	2935	2841	2766	2680	2637	2607	2589
	U	5661	5339	5076	4863	4691	4556	4454	4382	4339
2200	250	2816	2683	2496	2410	2340	2284	2218	2185	2162
	U	5103	4802	4555	4352	4185	4051	3945	3864	3807
2300	250	2425	2306	2141	2063	1998	1946	1903	1851	1826
	U	4625	4345	4113	3920	3761	3630	3523	3438	3374
2400	250	2103	1997	1909	1780	1721	1672	1631	1599	1557
	U	4213	3952	3734	3552	3401	3274	3169	3084	3015
2500	250	1836	1741	1661	1595	1493	1447	1410	1378	1353
	U	3856	3611	3407	3236	3092	2970	2869	2784	2715
2600	250	1613	1527	1455	1395	1303	1262	1227	1197	1173
	U	3543	3314	3123	2961	2825	2709	2611	2529	2460
2700	250	1424	1347	1282	1227	1181	1107	1074	1047	1024
	U	3267	3053	2873	2721	2592	2482	2388	2308	2241
2800	250	1264	1194	1135	1085	1043	976	946	921	899
	U	3023	2822	2653	2510	2388	2284	2194	2117	2051
2900	250	1127	1064	1010	965	926	893	838	814	794
	U	2805	2617	2458	2323	2208	2109	2023	1950	1886
3000	250	1065	952	903	861	826	795	769	724	705
	U	2611	2434	2285	2157	2048	1954	1873	1802	1741
3100	250	957	855	810	772	740	712	688	646	629
	U	2437	2270	2129	2009	1905	1816	1739	1671	1613
3200	250	864	771	730	695	665	640	617	598	562
	U	2279	2122	1989	1875	1778	1693	1619	1555	1499

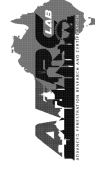
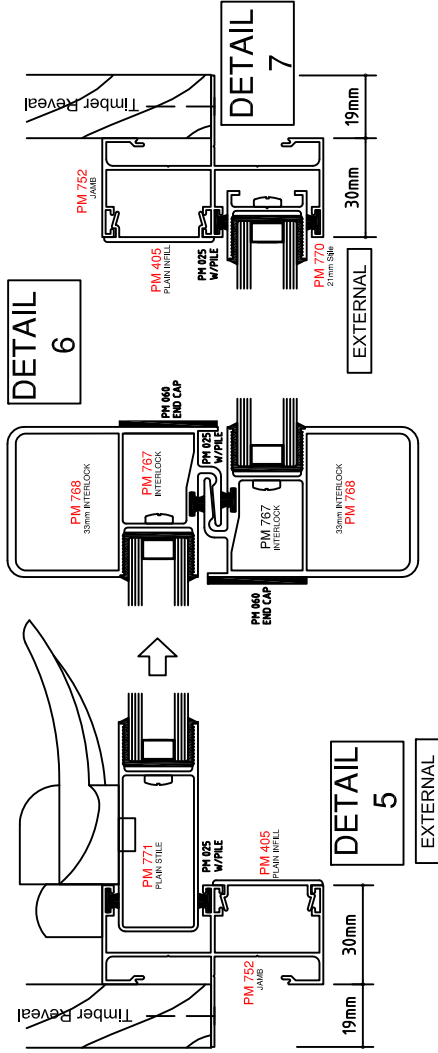
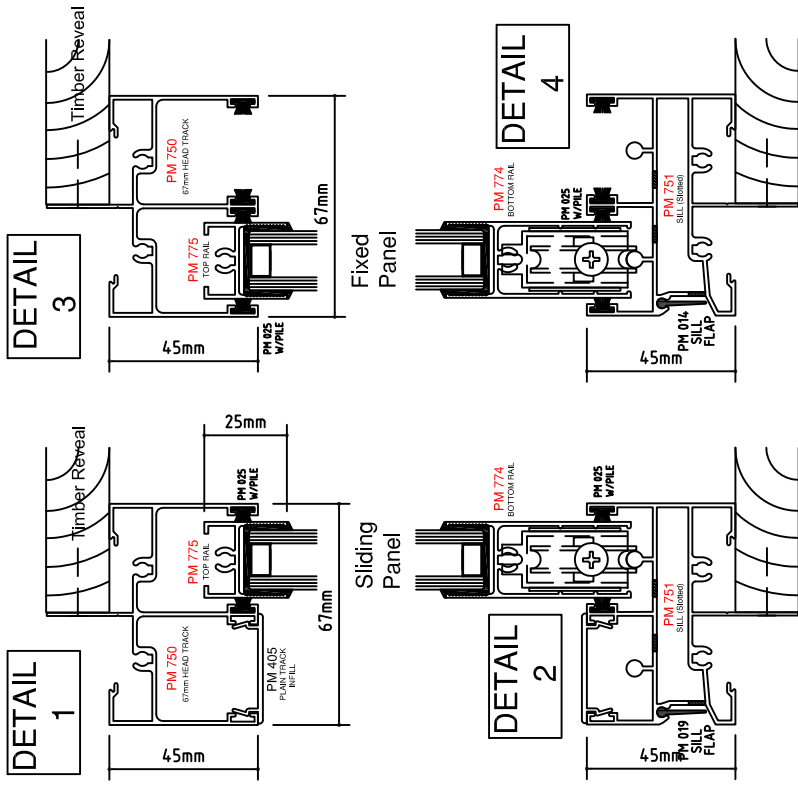
MULLION SELECTION TABLE

B30.1



TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3001 SERIES
Configuration:	XO Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	35
10.50mm Laminated (Hush)	38
12.00mm Float / Toughened	36
12.38mm Laminated	36
12.50mm Laminated (Hush)	39
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	30
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33



ACOUSTIC SIMULATION REPORT

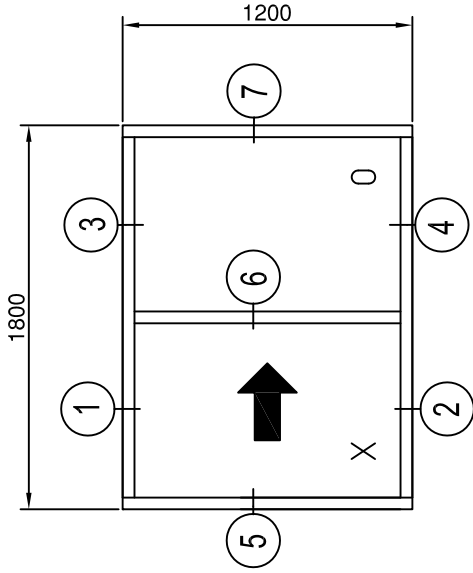
Date: 09-06-2020

Sheet No: B28

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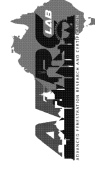
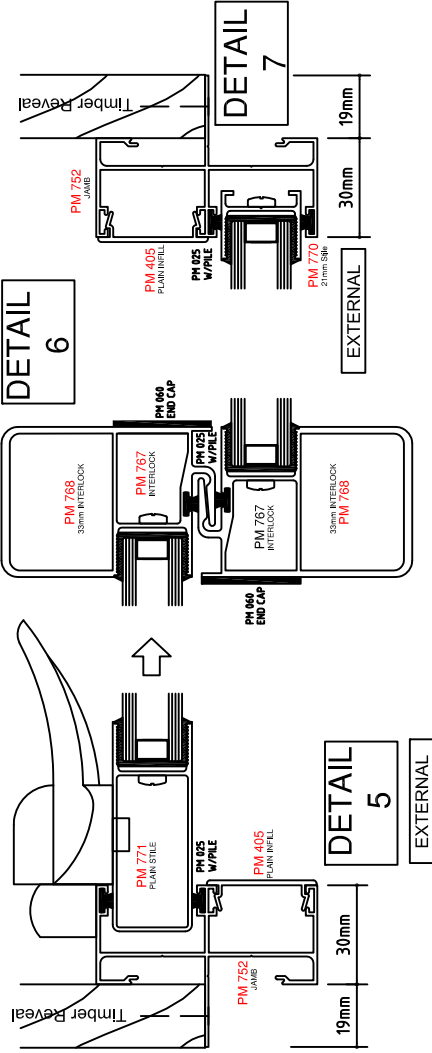
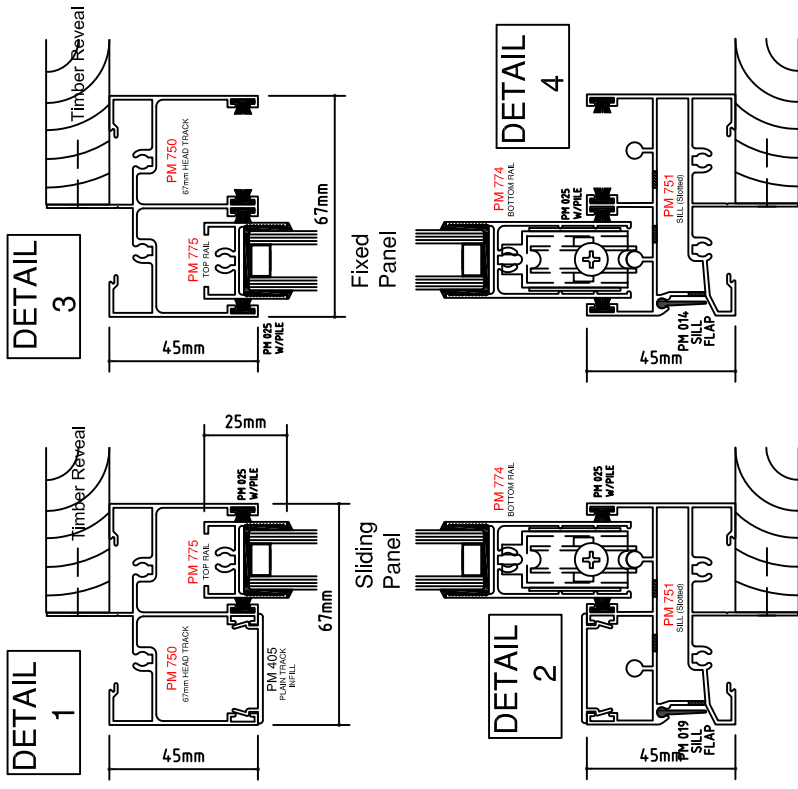


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TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3001 SERIES
Configuration:	XO Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	35
10.50mm Laminated (Hush)	38
12.00mm Float / Toughened	36
12.38mm Laminated	36
12.50mm Laminated (Hush)	39
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	30
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33



ACOUSTIC SIMULATION REPORT

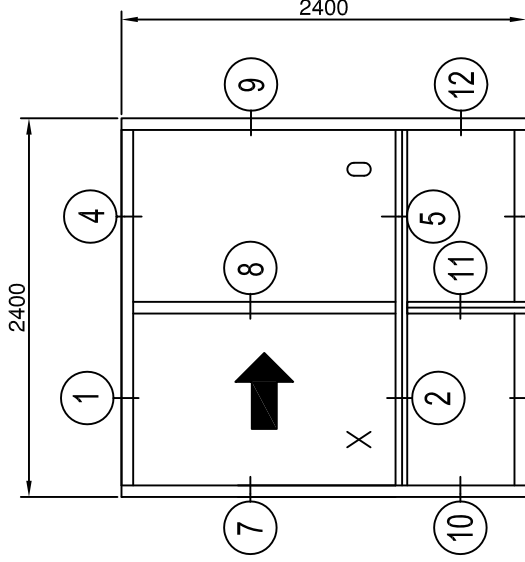
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Sheet No: B28

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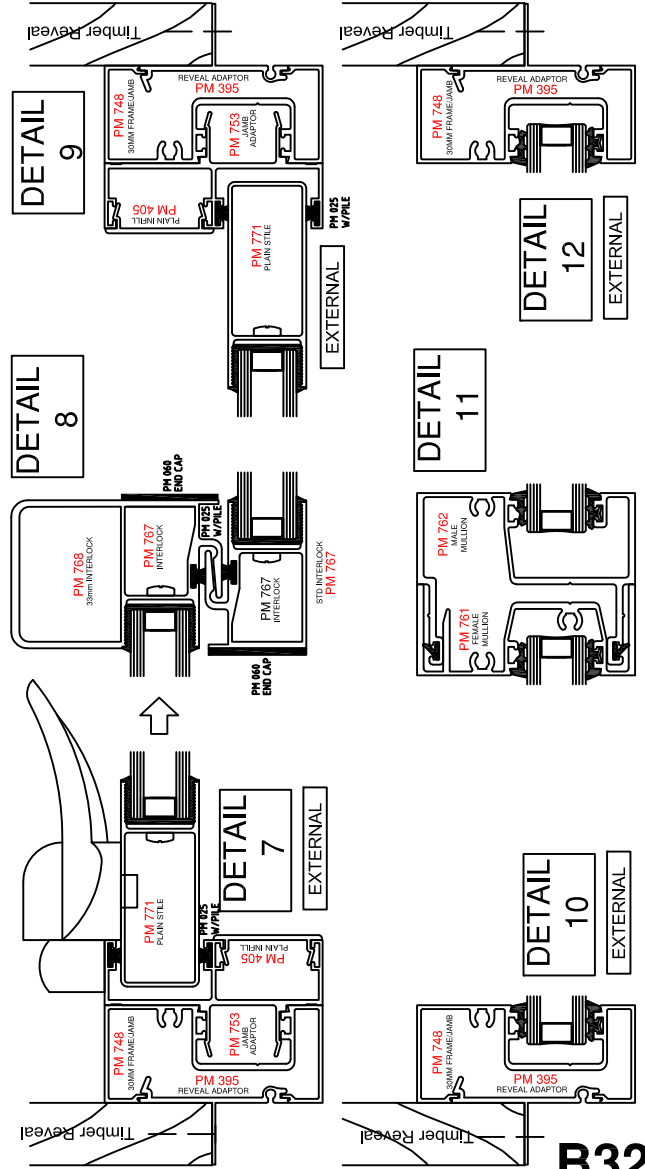
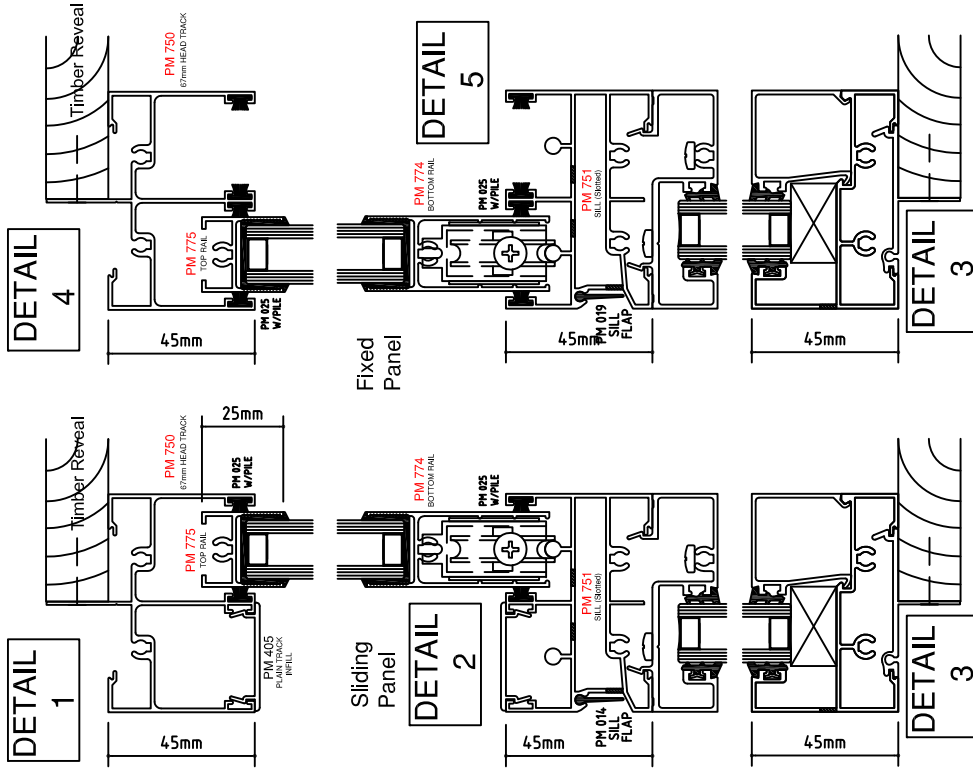


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TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)		RW
Frame Type:	3001 SERIES	
Configuration:	XO / LL Sliding Window	
GLASS TYPES		RW
6.00mm Float / Toughened		31
6.38mm Laminated		32
6.50mm Laminated (Hush)		35
8.00mm Float / Toughened		33
8.38mm Laminated		33
10.00mm Float / Toughened		35
10.38mm Laminated		35
10.50mm Laminated (Hush)		38
12.00mm Float / Toughened		36
12.38mm Laminated		36
12.50mm Laminated (Hush)		39
16.00mm DGU (4mm / 8 Air / 4mm)		30
18.00mm DGU (4mm / 10 Air / 4mm)		30
18.00mm DGU (5mm / 8 Air / 5mm)		32
18.38mm DGU (6.38mm / 8 Air / 4mm)		32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)		33



ACOUSTIC SIMULATION REPORT

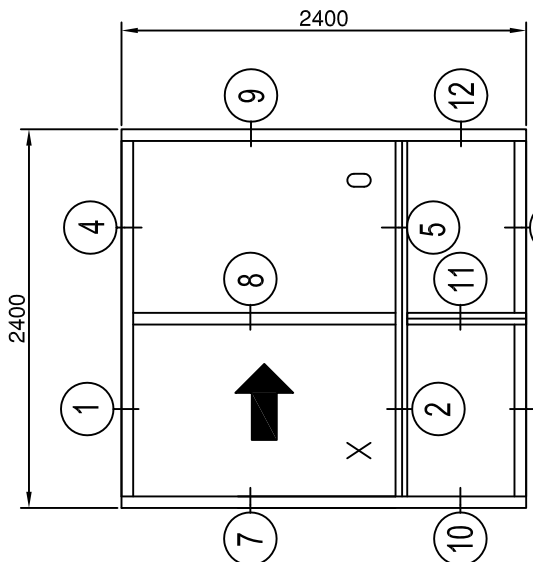
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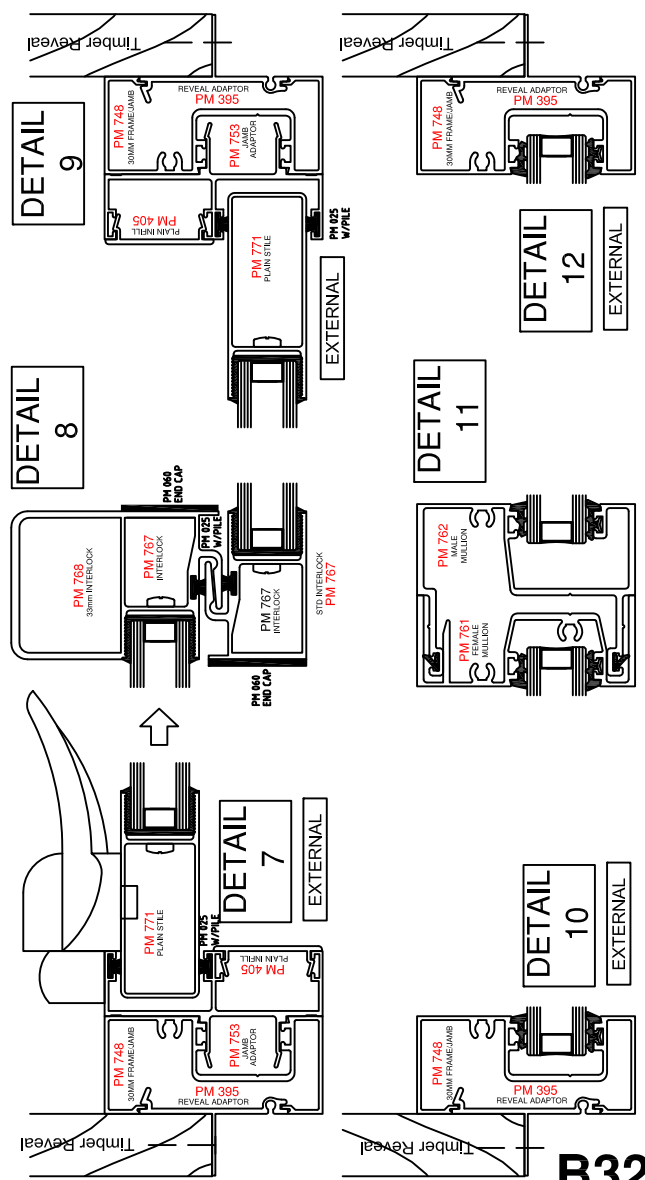
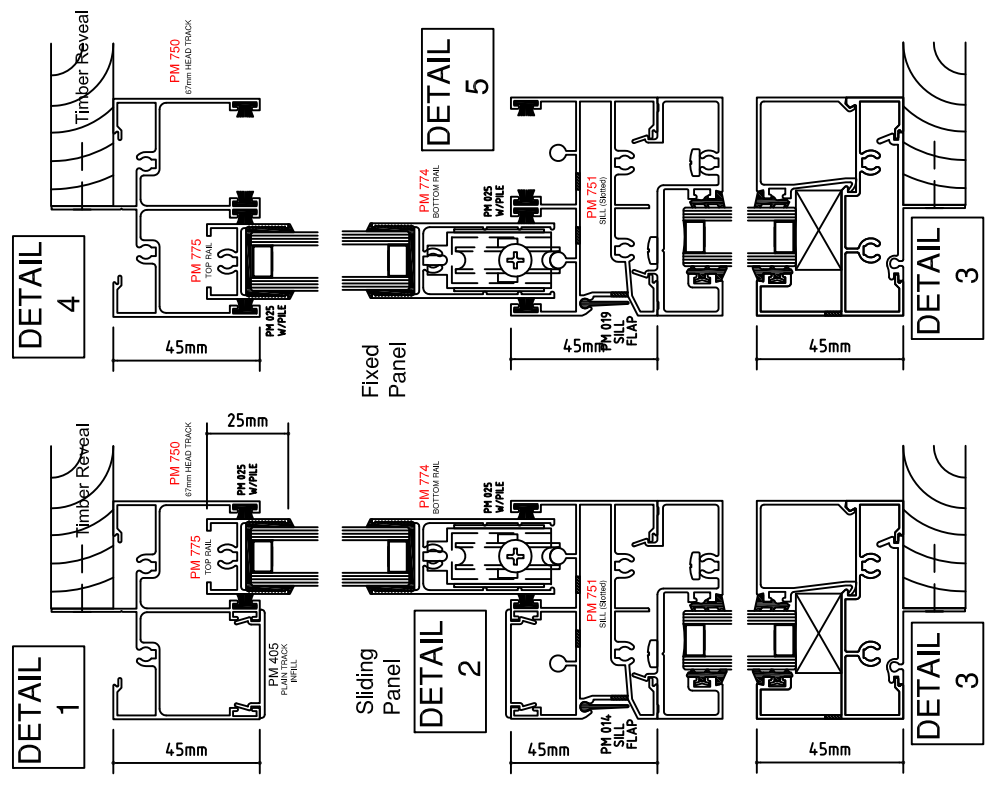


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TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)		
Frame Type:	3001 SERIES	
Configuration:	XO / LL Sliding Window	
GLASS TYPES		RW
6.00mm Float / Toughened		31
6.38mm Laminated		32
6.50mm Laminated (Hush)		35
8.00mm Float / Toughened		33
8.38mm Laminated		33
10.00mm Float / Toughened		35
10.38mm Laminated		35
10.50mm Laminated (Hush)		38
12.00mm Float / Toughened		36
12.38mm Laminated		36
12.50mm Laminated (Hush)		39
16.00mm DGU (4mm / 8 Air / 4mm)		30
18.00mm DGU (4mm / 10 Air / 4mm)		30
18.00mm DGU (5mm / 8 Air / 5mm)		32
18.38mm DGU (6.38mm / 8 Air / 4mm)		32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)		33



ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

Sheet No: B29

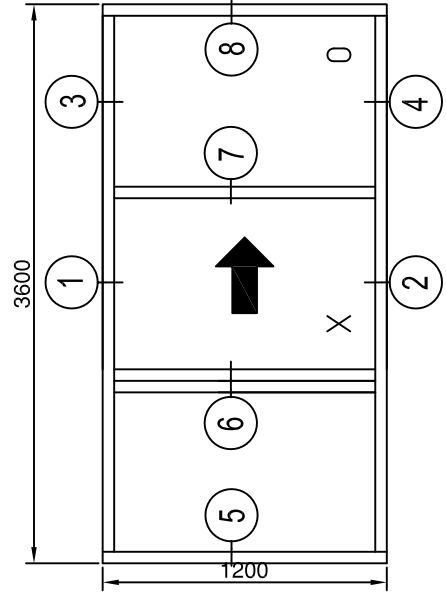
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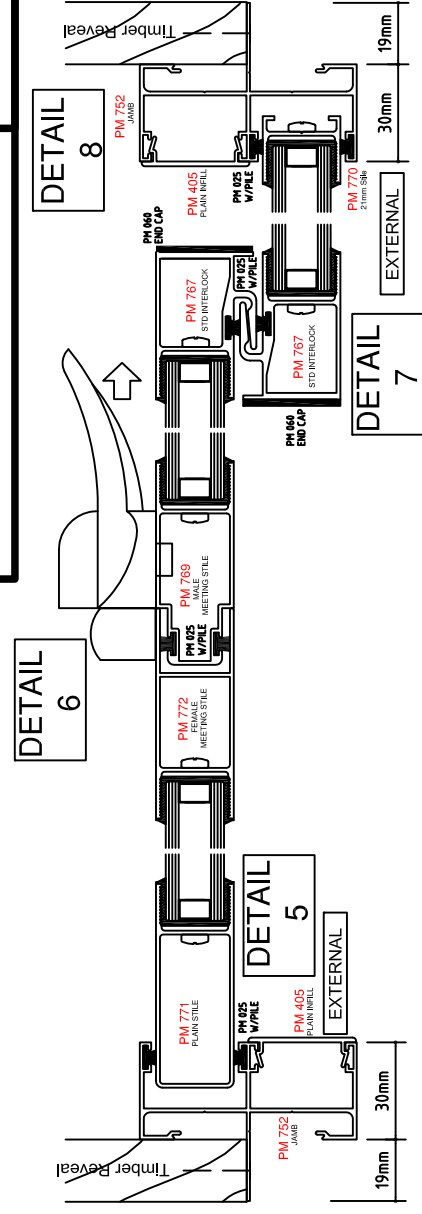
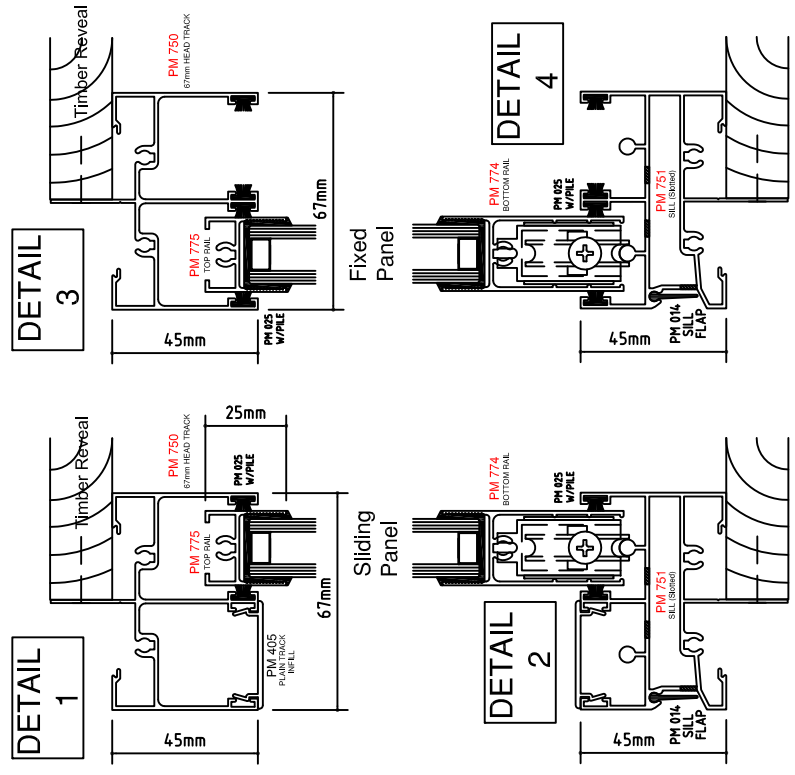
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GUIDE TO ACOUSTIC VALUES (RW)

Frame Type: Configuration:	3001 SERIES OXO Sliding Window	RW
GLASS TYPES		
6.00mm Float / Toughened		31
6.38mm Laminated		32
6.50mm Laminated (Hush)		35
8.00mm Float / Toughened		33
8.38mm Laminated		33
10.00mm Float / Toughened		35
10.38mm Laminated		35
10.50mm Laminated (Hush)		38
12.00mm Float / Toughened		36
12.38mm Laminated		36
12.50mm Laminated (Hush)		39
16.00mm DGU (4mm / 8 Air / 4mm)		30
18.00mm DGU (4mm / 10 Air / 4mm)		30
18.00mm DGU (5mm / 8 Air / 5mm)		32
18.38mm DGU (6.38mm / 8 Air / 4mm)		32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)		33



TYPICAL ELEVATION





ACOUSTIC SIMULATION REPORT

Date: 09-06-2020



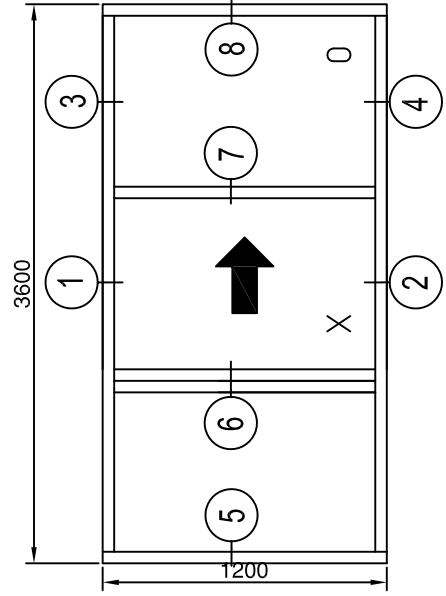
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Sheet No: B30

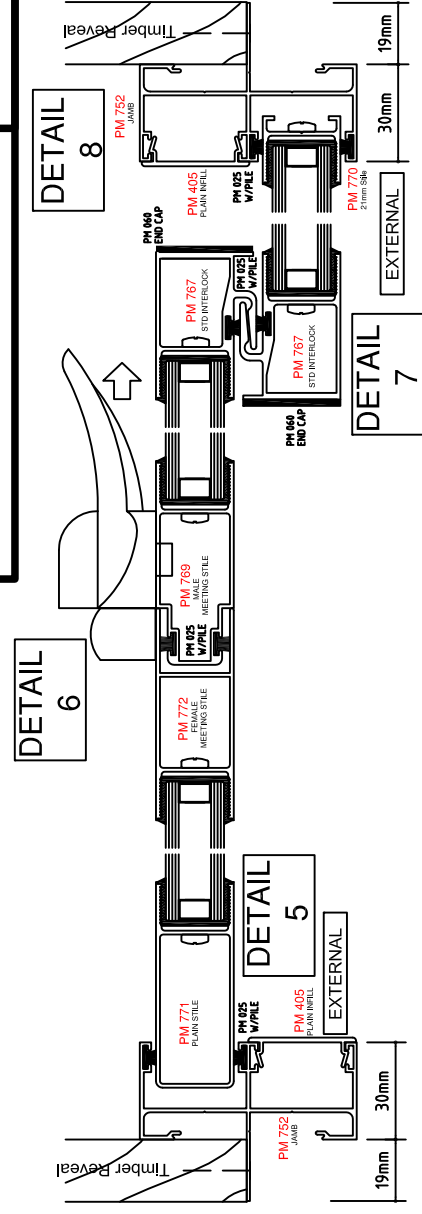
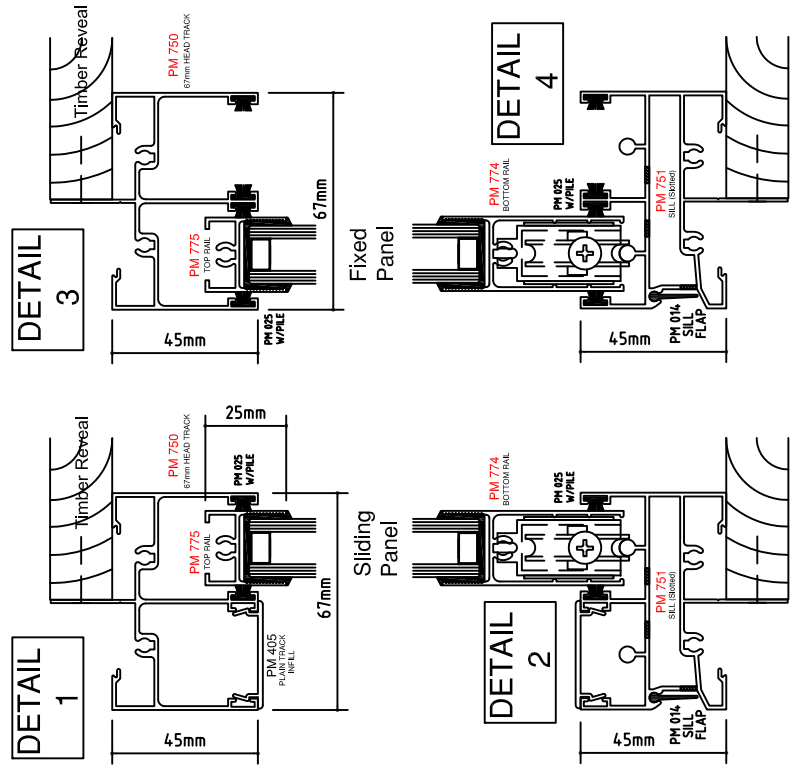
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GUIDE TO ACOUSTIC VALUES (RW)

Frame Type: Configuration:	3001 SERIES OXO Sliding Window	RW
GLASS TYPES		
6.00mm Float / Toughened		31
6.38mm Laminated		32
6.50mm Laminated (Hush)		35
8.00mm Float / Toughened		33
8.38mm Laminated		33
10.00mm Float / Toughened		35
10.38mm Laminated		35
10.50mm Laminated (Hush)		38
12.00mm Float / Toughened		36
12.38mm Laminated		36
12.50mm Laminated (Hush)		39
16.00mm DGU (4mm / 8 Air / 4mm)		30
18.00mm DGU (4mm / 10 Air / 4mm)		30
18.00mm DGU (5mm / 8 Air / 5mm)		32
18.38mm DGU (6.38mm / 8 Air / 4mm)		32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)		33



TYPICAL ELEVATION





ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

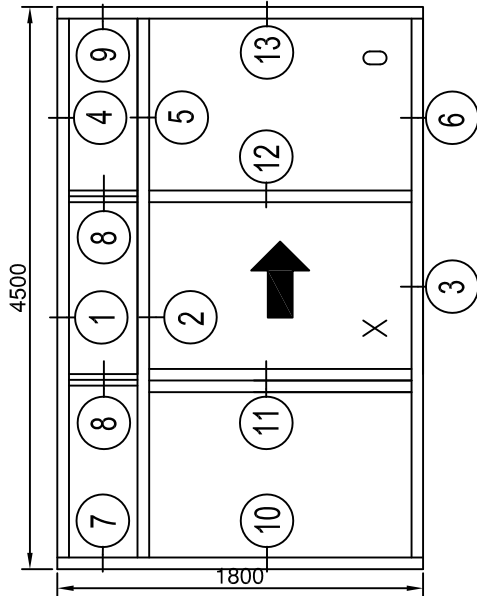


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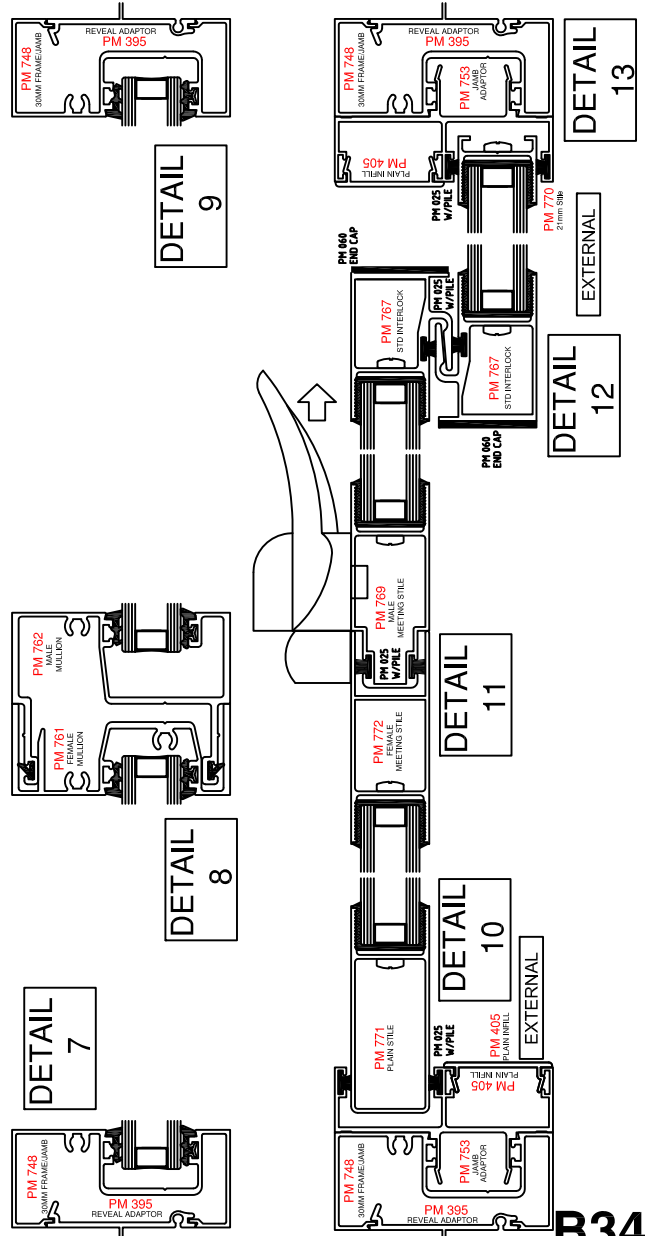
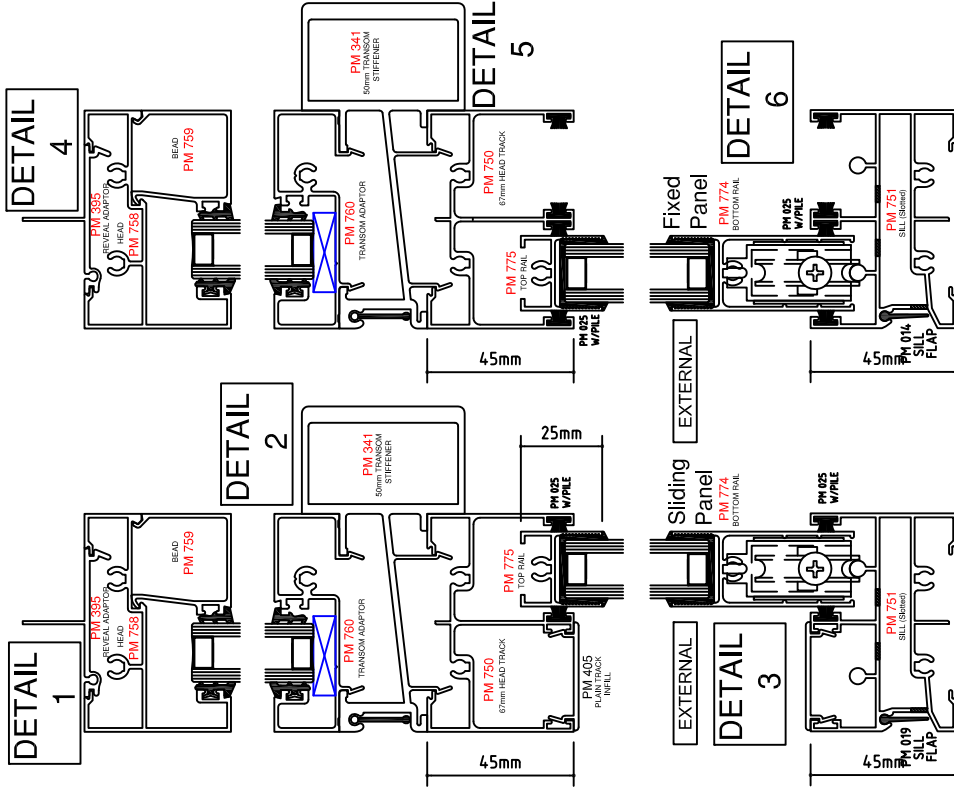
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GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3001 SERIES
Configuration:	OXO / HL Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	34
10.50mm Laminated (Hush)	37
12.00mm Float / Toughened	35
12.38mm Laminated	35
12.50mm Laminated (Hush)	38
16.00mm DGU (4mm / 8 Air / 4mm)	29
18.00mm DGU (4mm / 10 Air / 4mm)	20
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm)	31
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	32



TYPICAL ELEVATION



ACOUSTIC SIMULATION REPORT

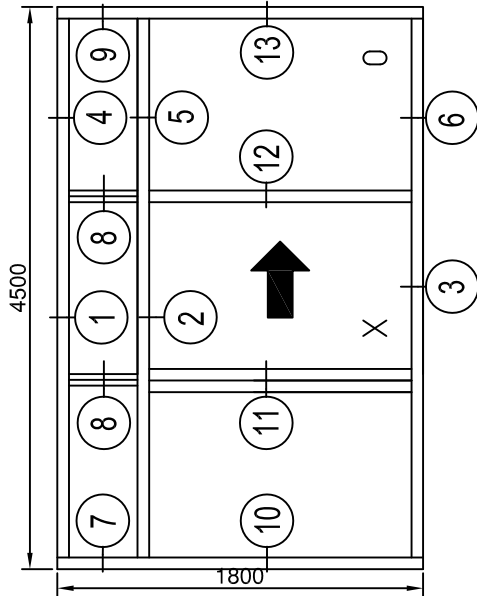
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Sheet No: B31

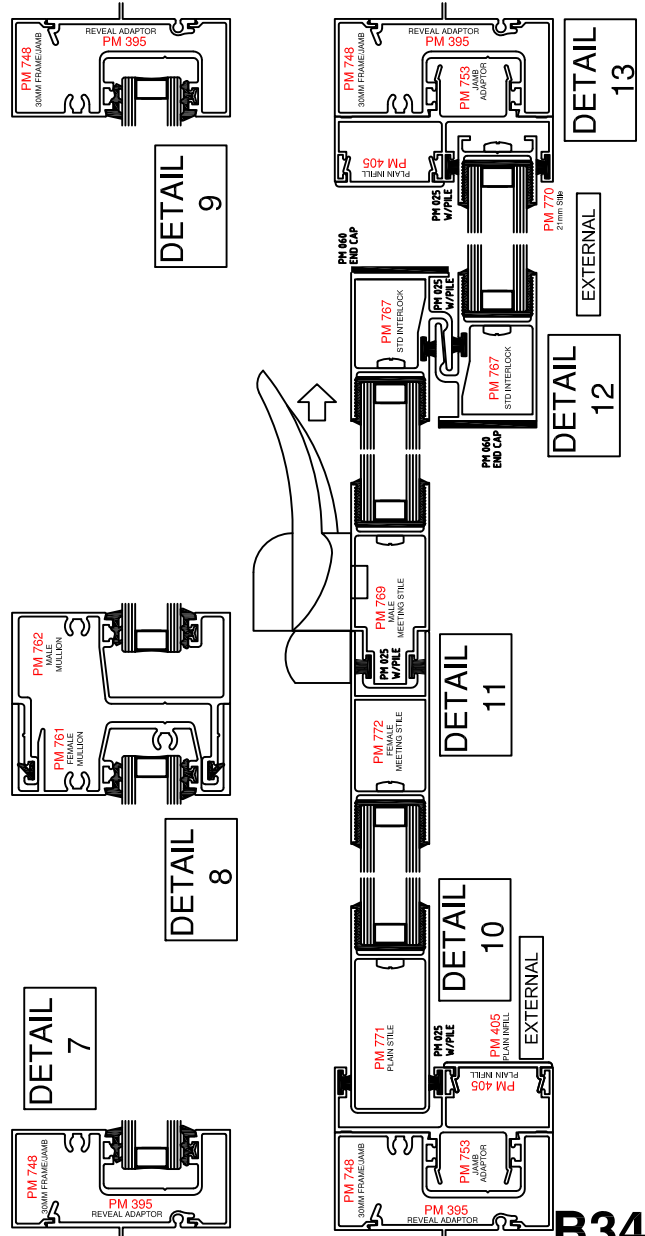
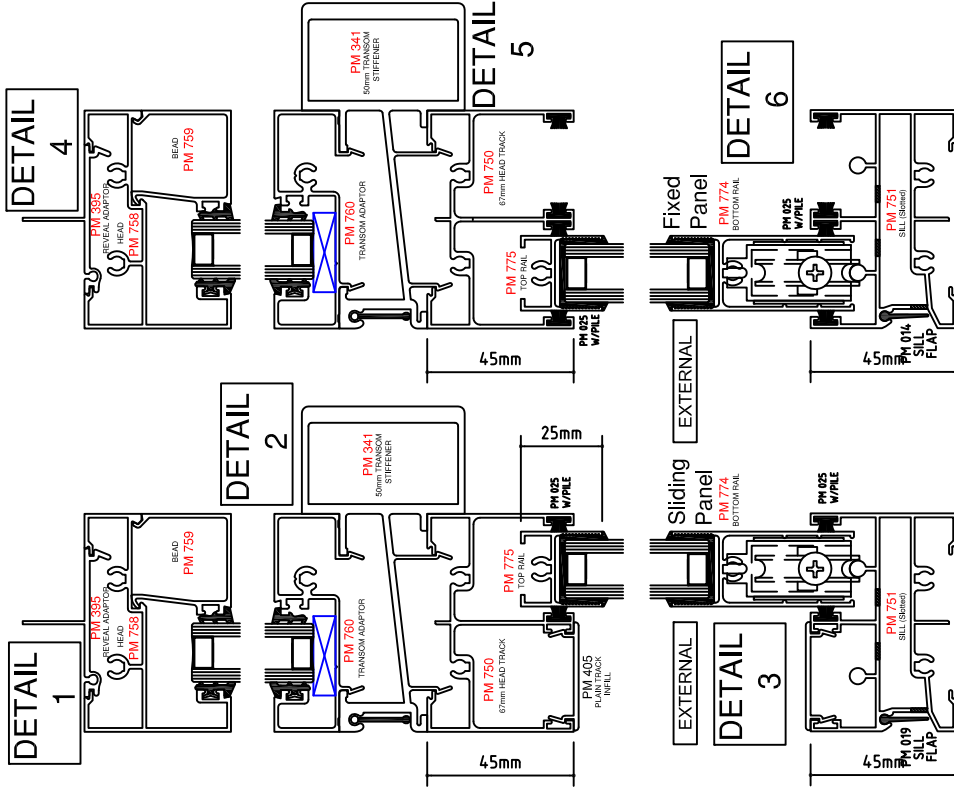
Not to Scale

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GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3001 SERIES
Configuration:	OXO / HL Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	34
10.50mm Laminated (Hush)	37
12.00mm Float / Toughened	35
12.38mm Laminated	35
12.50mm Laminated (Hush)	38
16.00mm DGU (4mm / 8 Air / 4mm)	29
18.00mm DGU (4mm / 10 Air / 4mm)	20
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm)	31
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	32



TYPICAL ELEVATION



ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

Sheet No: B31

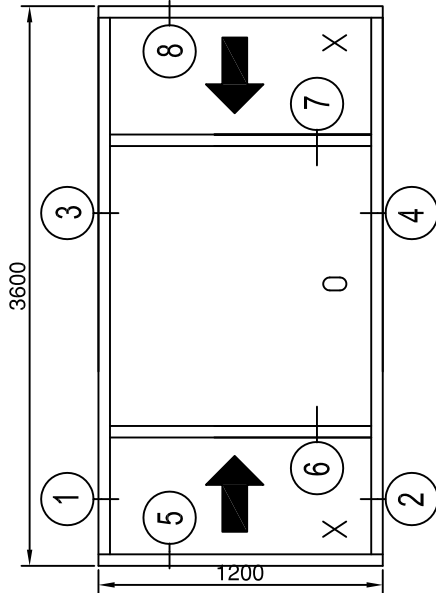
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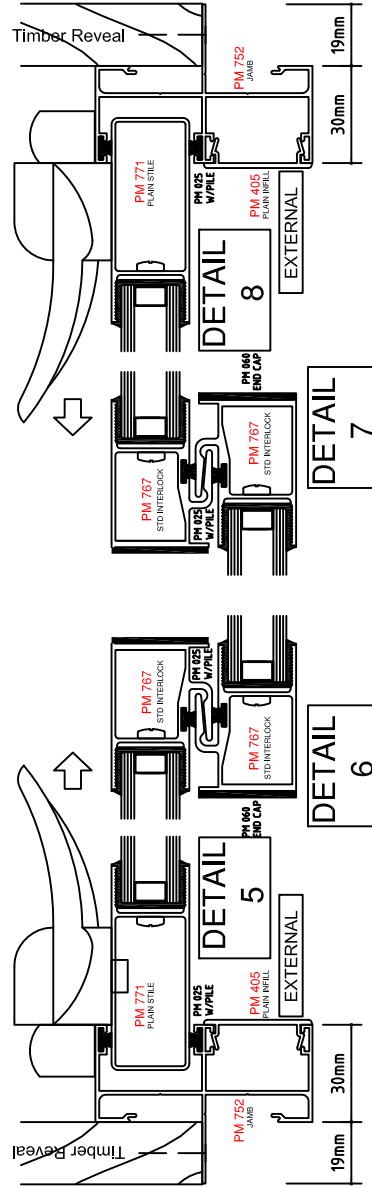
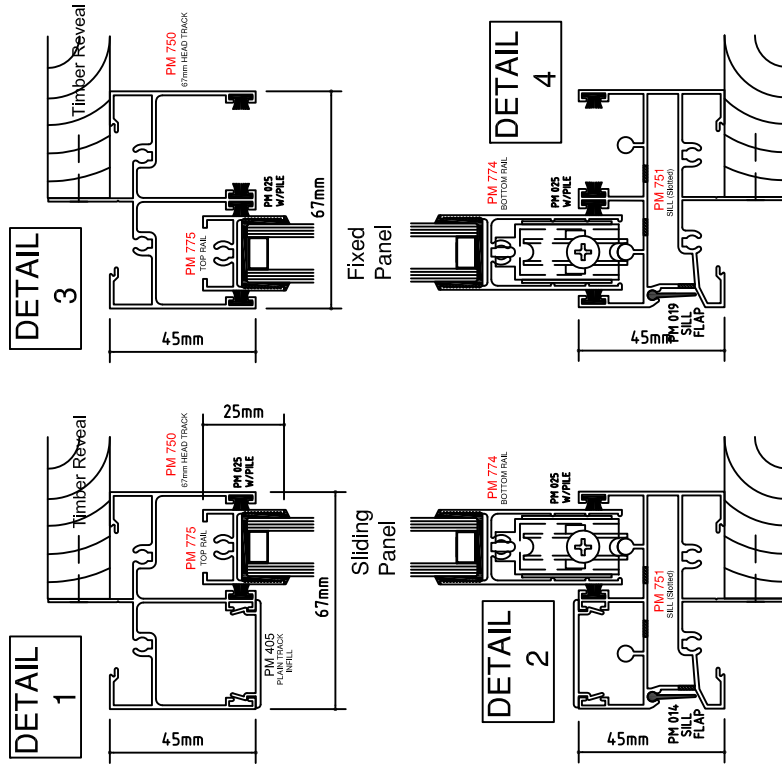
GUIDE TO ACOUSTIC VALUES (RW)

Frame Type: **3001 SERIES**
 Configuration: **XOX Sliding Window**

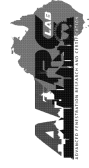
GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	34
10.50mm Float / Toughened	35
12.00mm Float / Toughened	37
12.38mm Laminated	35
12.50mm Laminated (Hush)	38
16.00mm DGU (4mm / 8 Air / 4mm)	29
18.00mm DGU (4mm / 10 Air / 4mm)	29
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm).	31
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	32



TYPICAL ELEVATION



B35



ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

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Not to Scale



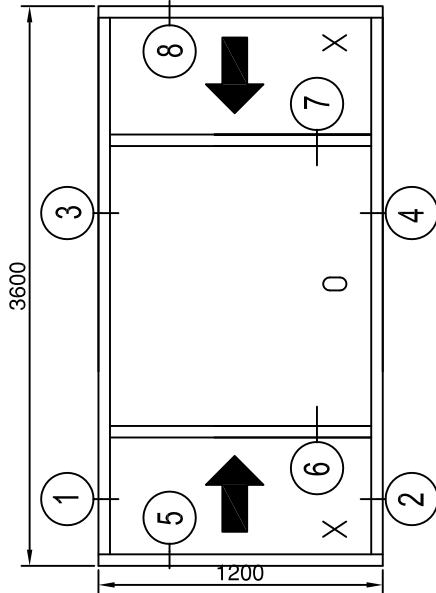
PRESS METAL

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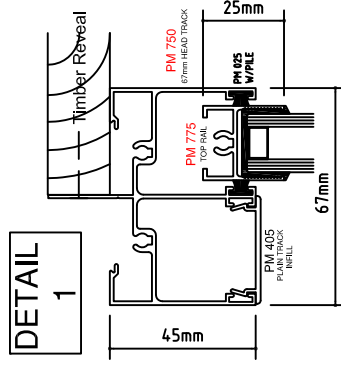
GUIDE TO ACOUSTIC VALUES (RW)

Frame Type: **3001 SERIES**
 Configuration: **XOX Sliding Window**

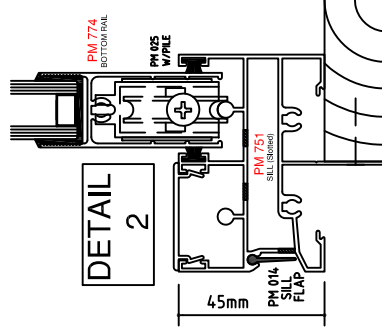
GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	34
10.50mm Float / Toughened	35
12.00mm Float / Toughened	37
12.38mm Laminated	35
12.50mm Laminated (Hush)	38
16.00mm DGU (4mm / 8 Air / 4mm)	29
18.00mm DGU (4mm / 10 Air / 4mm)	29
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm).	31
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	32



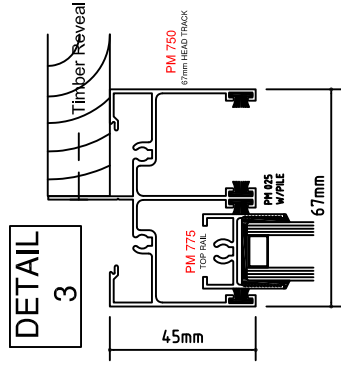
TYPICAL ELEVATION



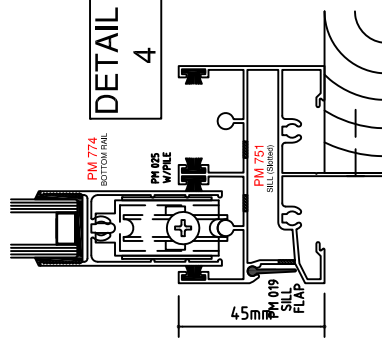
Sliding Panel



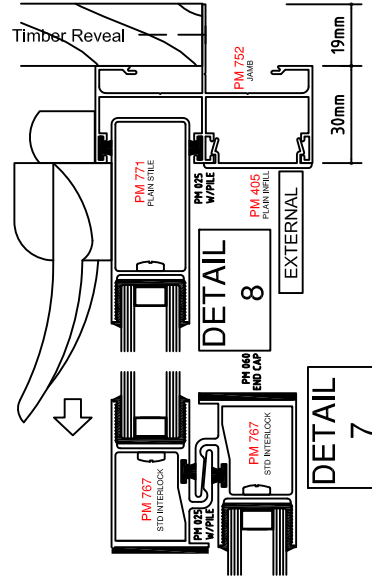
DETAIL 2



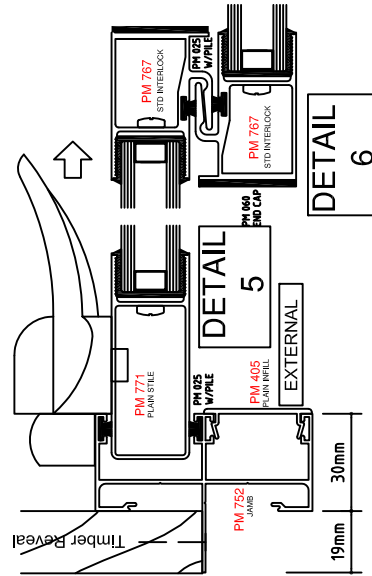
Fixed Panel



DETAIL 4

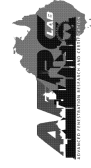


DETAIL 7



DETAIL 8

ACOUSTIC SIMULATION REPORT



Date: 09-06-2020

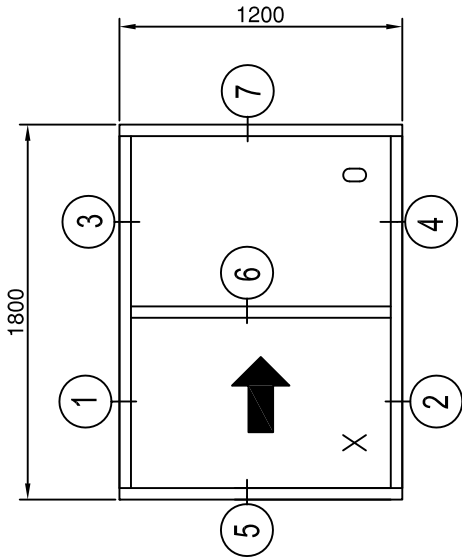
Sheet No: B32

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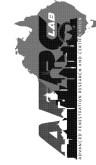
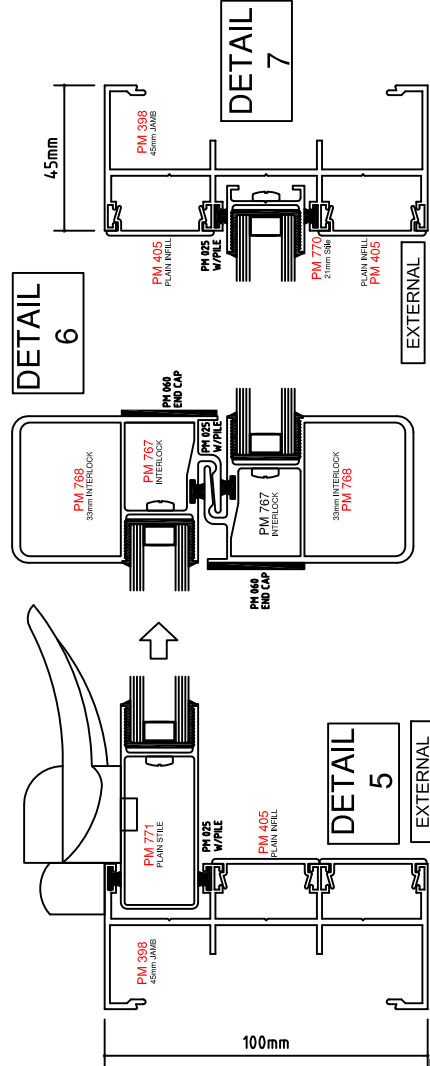
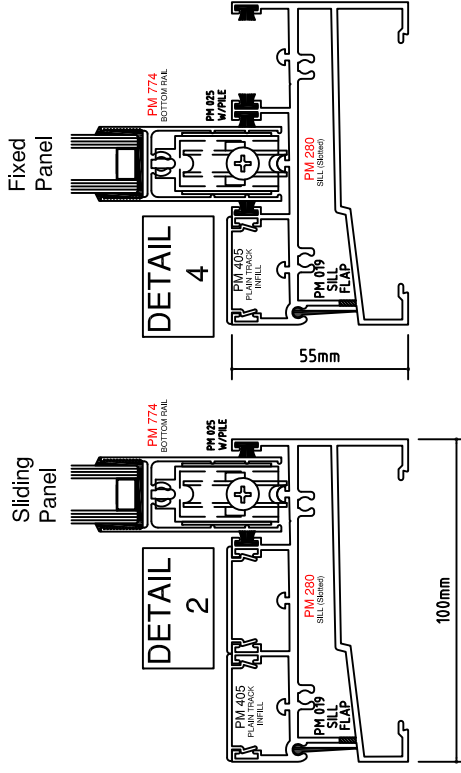
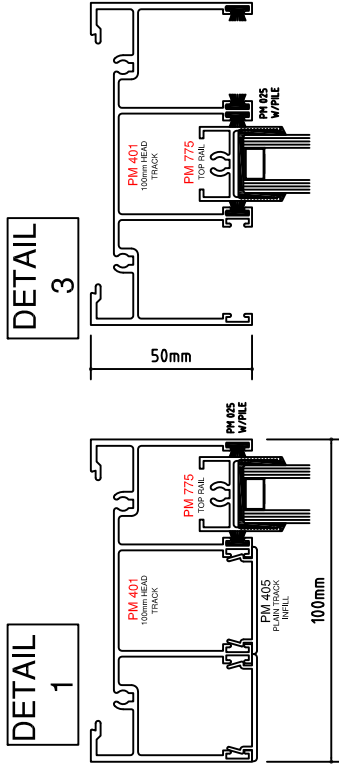
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TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3003 SERIES
Configuration:	XO Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	32
6.38mm Laminated	33
6.50mm Laminated (Hush)	36
8.00mm Float / Toughened	34
8.38mm Laminated	34
10.00mm Float / Toughened	36
10.38mm Laminated	36
10.50mm Laminated (Hush)	39
12.00mm Float / Toughened	37
12.38mm Laminated	37
12.50mm Laminated (Hush)	40
16.00mm DGU (4mm / 8 Air / 4mm)	31
18.00mm DGU (4mm / 10 Air / 4mm)	31
18.00mm DGU (5mm / 8 Air / 5mm)	33
18.38mm DGU (6.38mm / 8 Air / 4mm)	33
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	34



ACOUSTIC SIMULATION REPORT

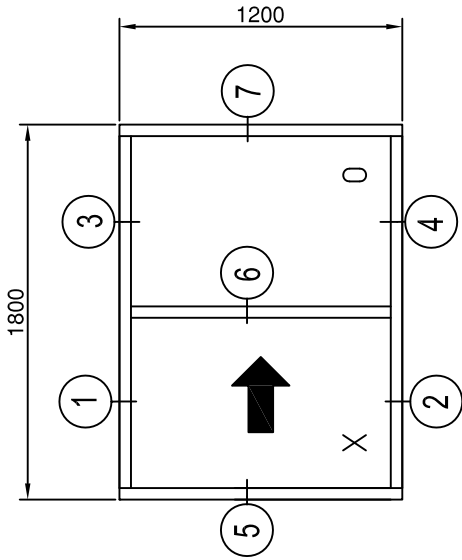
Date: 09-06-2020

Sheet No: B33

Not to Scale

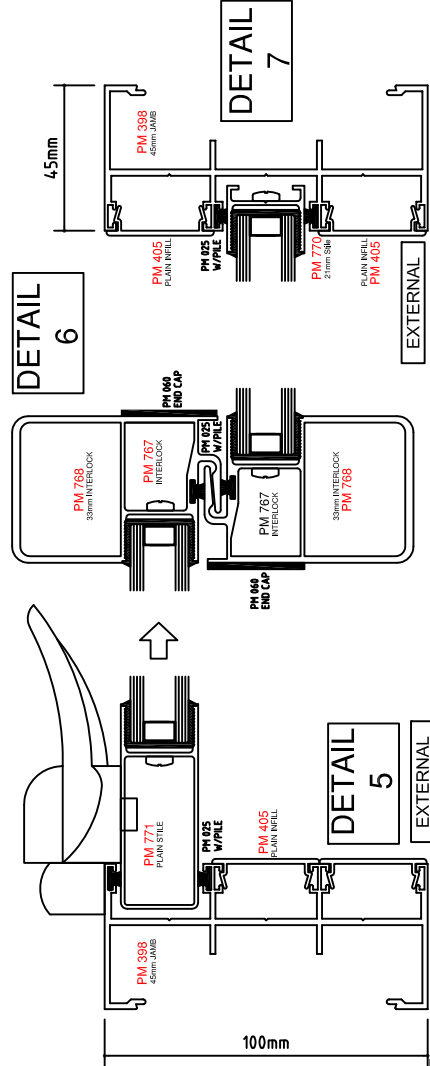
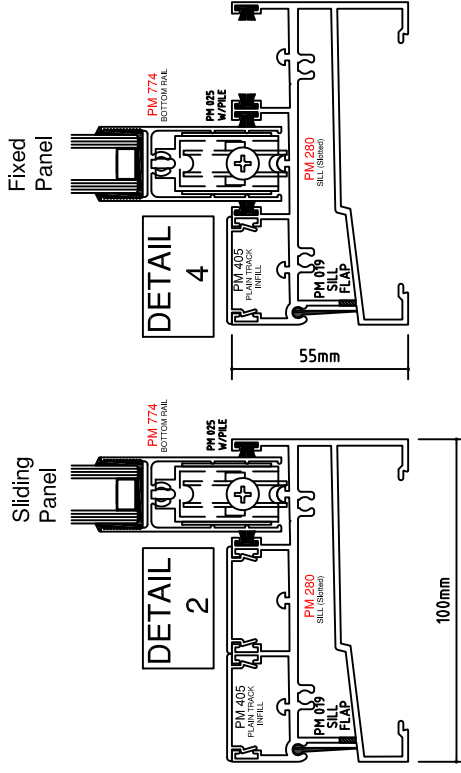
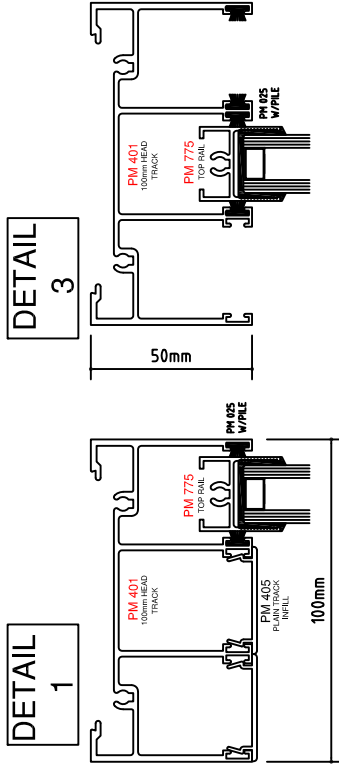


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TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3003 SERIES
Configuration:	XO Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	32
6.38mm Laminated	33
6.50mm Laminated (Hush)	36
8.00mm Float / Toughened	34
8.38mm Laminated	34
10.00mm Float / Toughened	36
10.38mm Laminated	36
10.50mm Laminated (Hush)	39
12.00mm Float / Toughened	37
12.38mm Laminated	37
12.50mm Laminated (Hush)	40
16.00mm DGU (4mm / 8 Air / 4mm)	31
18.00mm DGU (4mm / 10 Air / 4mm)	31
18.00mm DGU (5mm / 8 Air / 5mm)	33
18.38mm DGU (6.38mm / 8 Air / 4mm)	33
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	34



ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

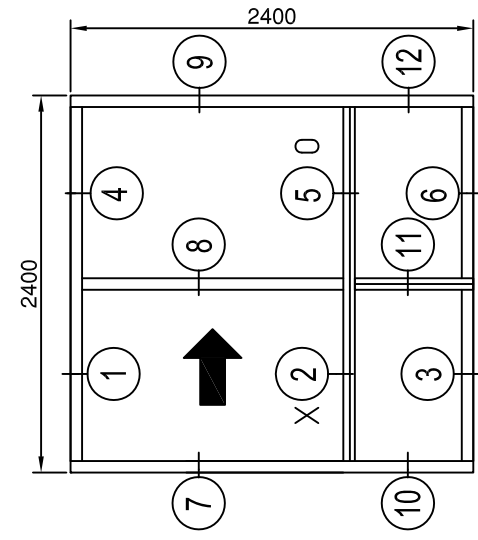
Sheet No: B33

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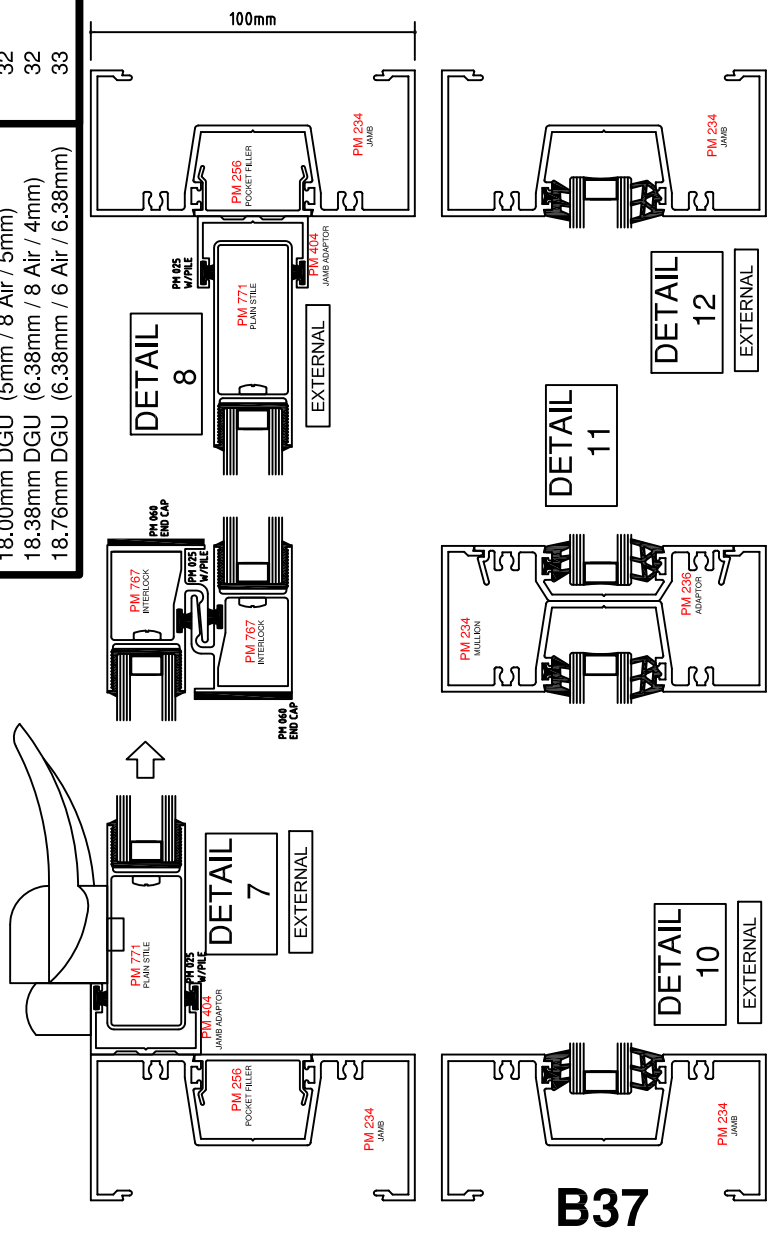


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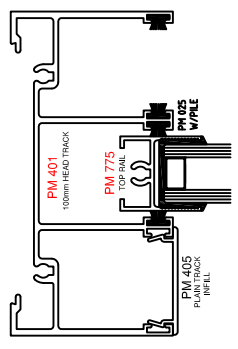
GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3003 SERIES
Configuration:	XO / LL Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	35
10.50mm Laminated (Hush)	38
12.00mm Float / Toughened	36
12.38mm Laminated	36
12.50mm Laminated (Hush)	39
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	30
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33



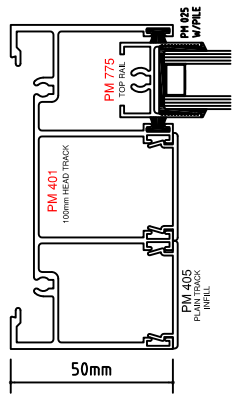
TYPICAL ELEVATION



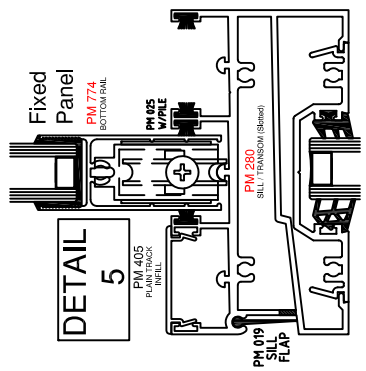
DETAIL 4



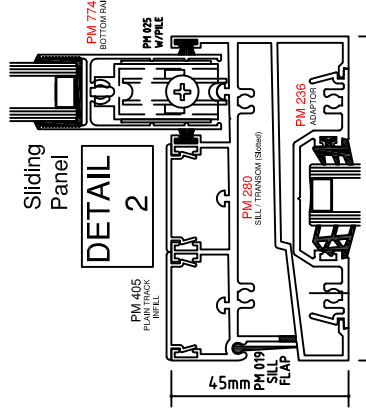
DETAIL 1



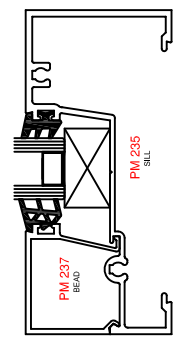
DETAIL 5



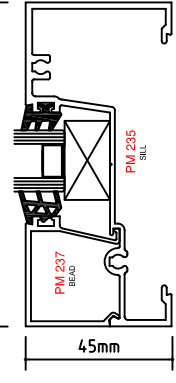
DETAIL 2



DETAIL 3



DETAIL 3



ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

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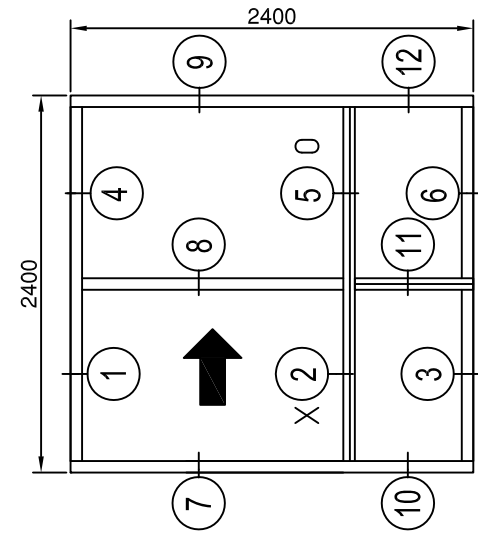
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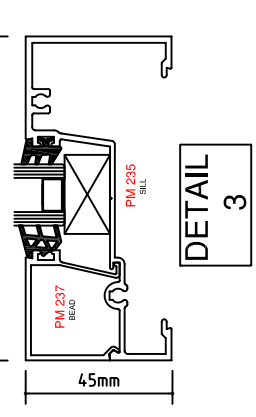
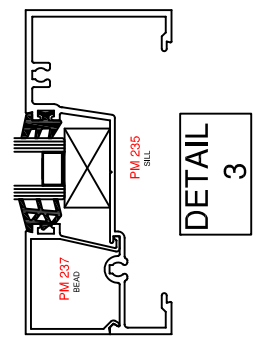
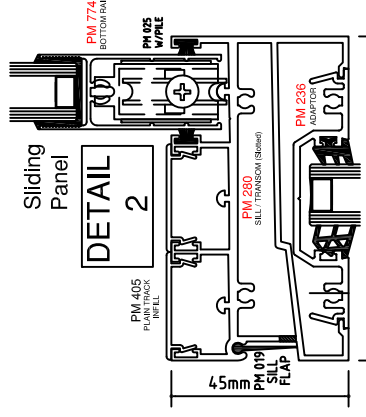
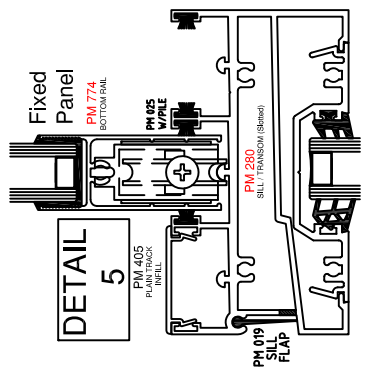
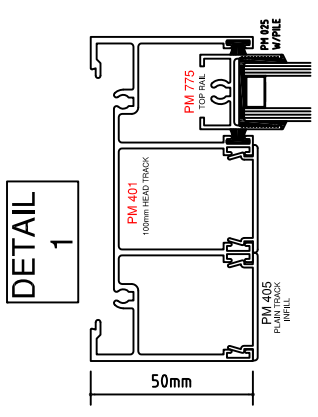
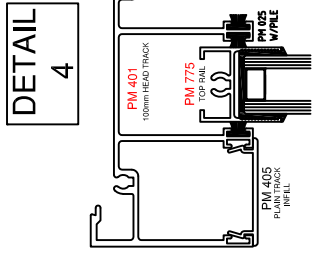
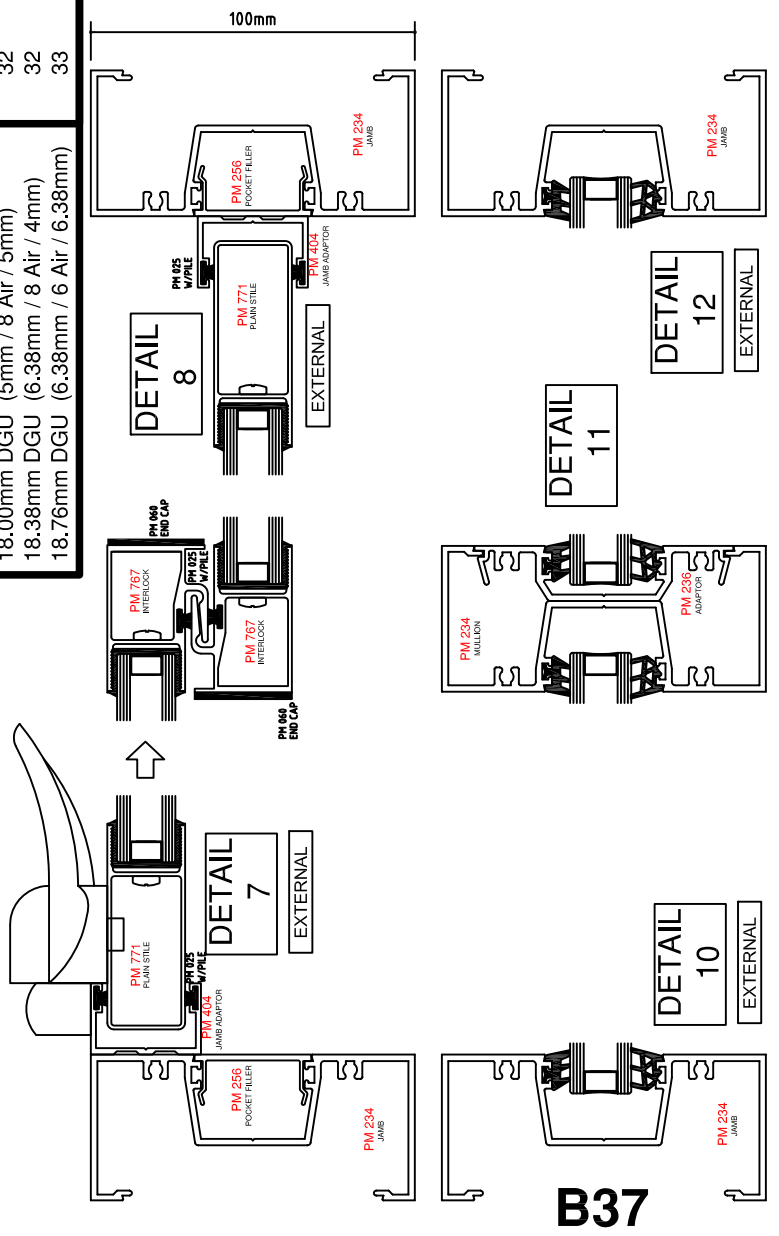
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GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3003 SERIES
Configuration:	XO / LL Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	35
10.50mm Laminated (Hush)	38
12.00mm Float / Toughened	36
12.38mm Laminated	36
12.50mm Laminated (Hush)	39
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	30
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33



TYPICAL ELEVATION



ACOUSTIC SIMULATION REPORT

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Not to Scale



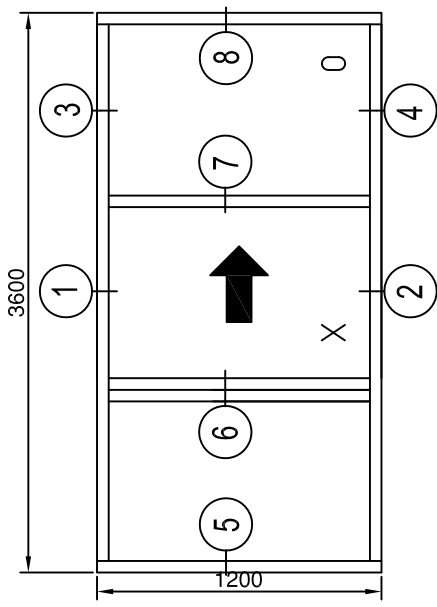
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B37

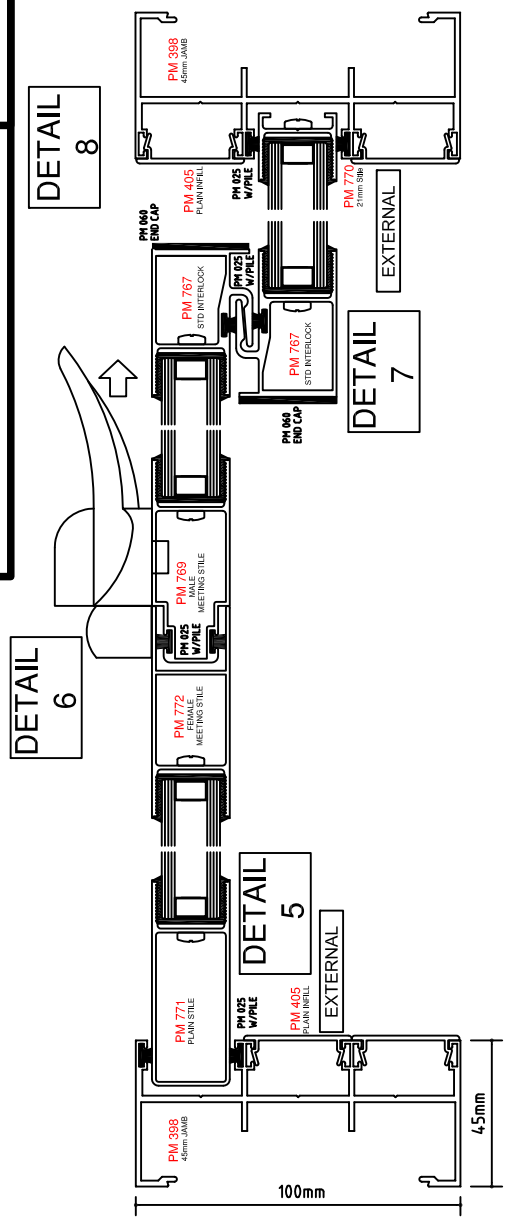
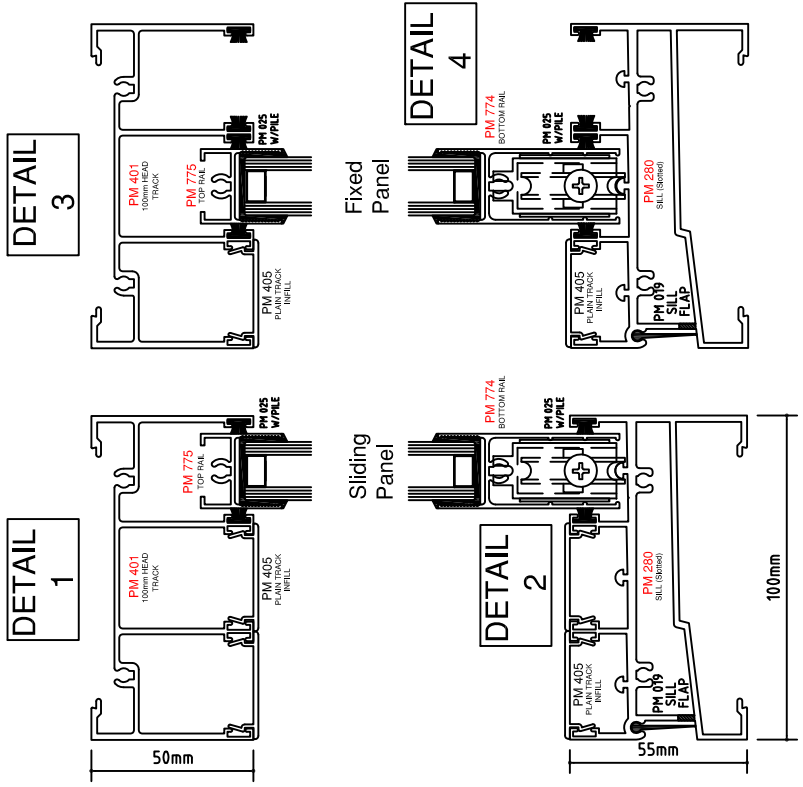
GUIDE TO ACOUSTIC VALUES (RW)

Frame Type: **3003 SERIES**
 Configuration: **OXO Sliding Window**

GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	34
10.50mm Laminated (Hush)	37
12.00mm Float / Toughened	35
12.38mm Laminated	35
12.50mm Laminated (Hush)	38
16.00mm DGU (4mm / 8 Air / 4mm)	29
18.00mm DGU (4mm / 10 Air / 4mm)	29
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm)	31
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	32



TYPICAL ELEVATION



ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

Sheet No: B35

Not to Scale

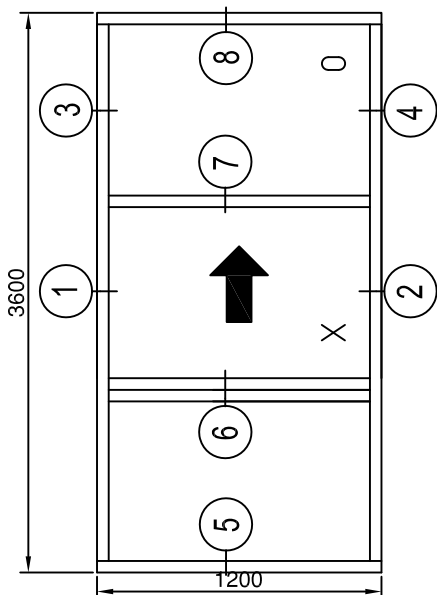


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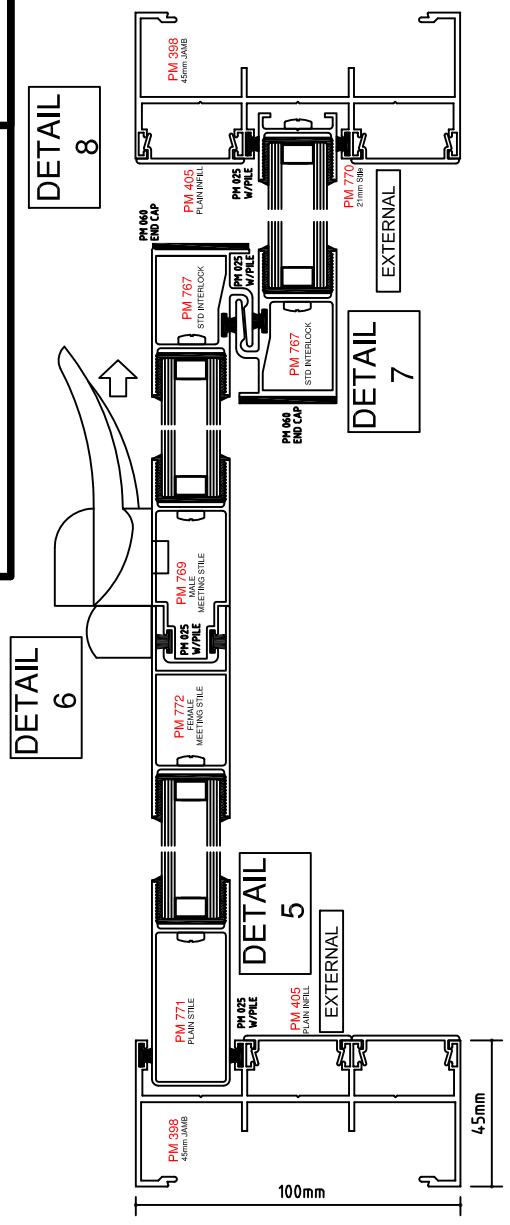
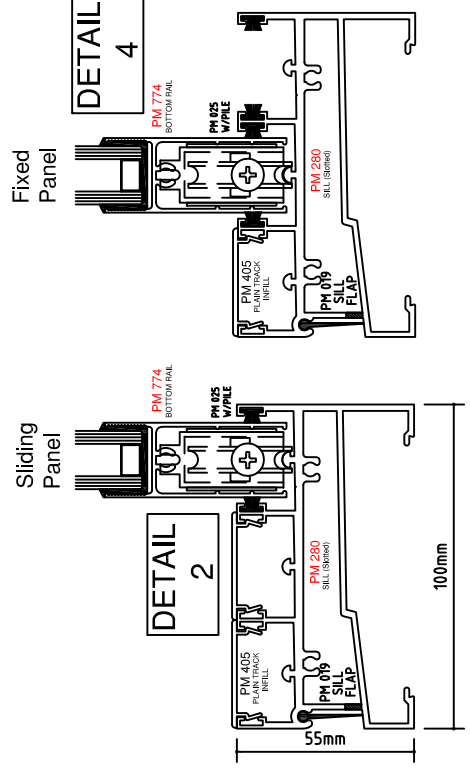
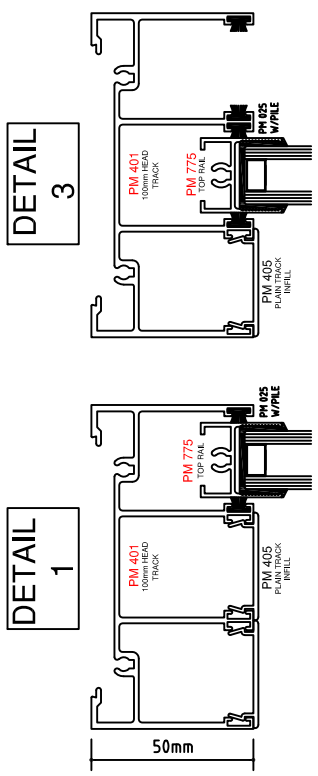
GUIDE TO ACOUSTIC VALUES (RW)

Frame Type: **3003 SERIES**
 Configuration: **OXO Sliding Window**

GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	34
10.50mm Laminated (Hush)	37
12.00mm Float / Toughened	35
12.38mm Laminated	35
12.50mm Laminated (Hush)	38
16.00mm DGU (4mm / 8 Air / 4mm)	29
18.00mm DGU (4mm / 10 Air / 4mm)	29
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm)	31
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	32



TYPICAL ELEVATION



ACOUSTIC SIMULATION REPORT

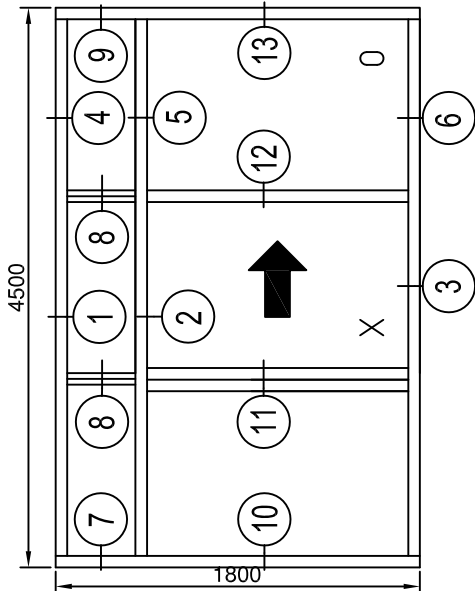
Date: 09-06-2020

Sheet No: B35

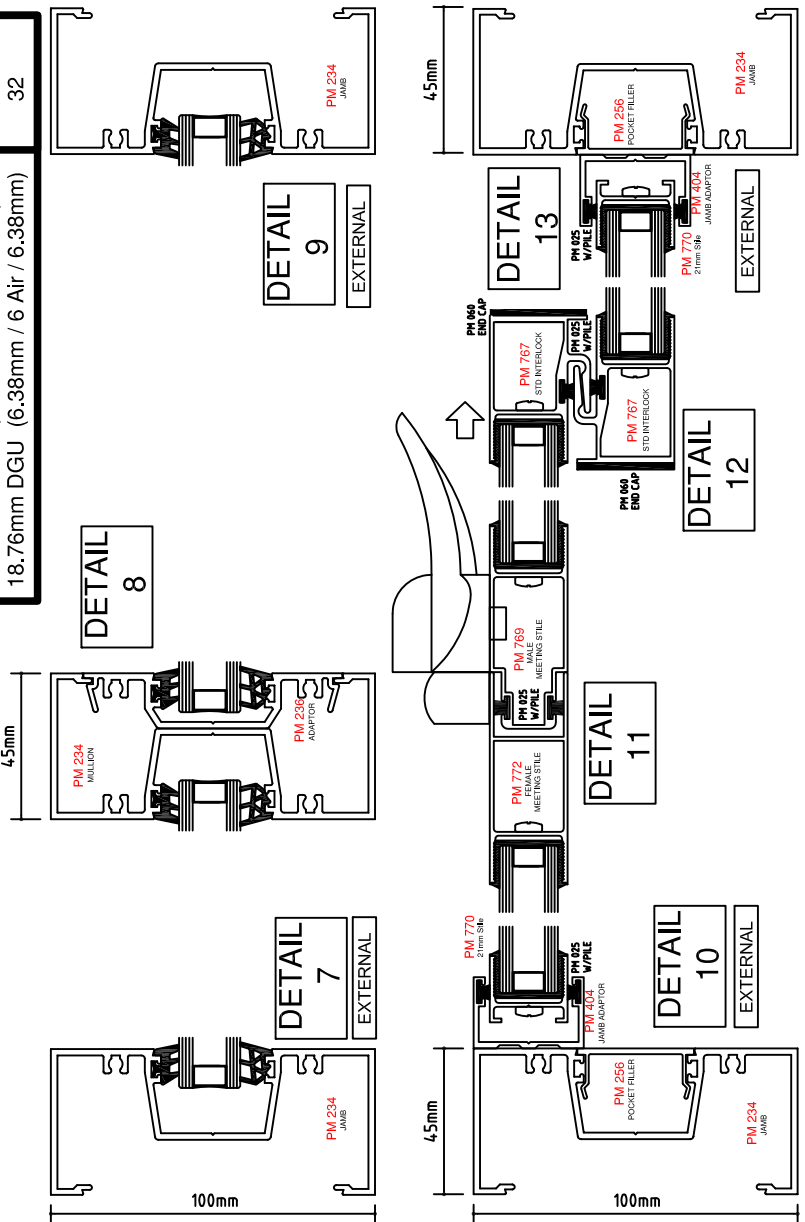
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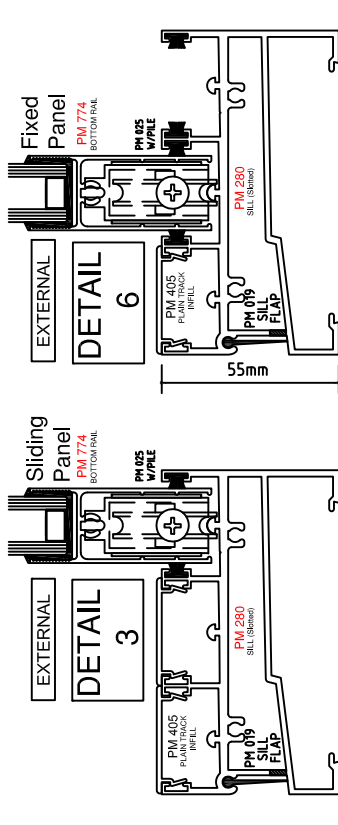
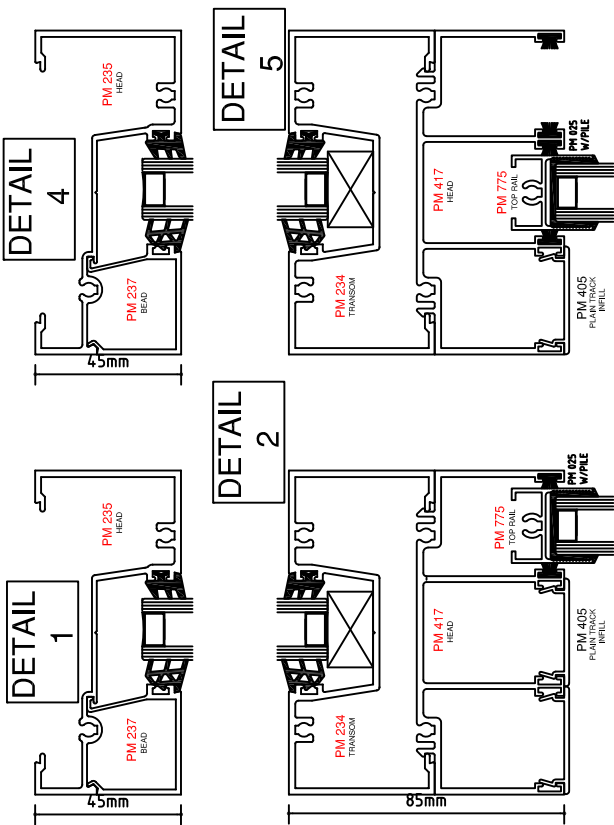
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TYPICAL ELEVATION



GUIDE TO ACOUSTIC VALUES (RW)	
3003 SERIES	
Frame Type:	OXO / HL Sliding Window
Configuration:	OXO / HL Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	37
10.50mm Laminated (Hush)	35
12.00mm Float / Toughened	35
12.38mm Laminated	38
12.50mm Laminated (Hush)	29
16.00mm DGU (4mm / 8 Air / 4mm)	20
18.00mm DGU (4mm / 10 Air / 4mm)	31
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	



ACOUSTIC SIMULATION REPORT

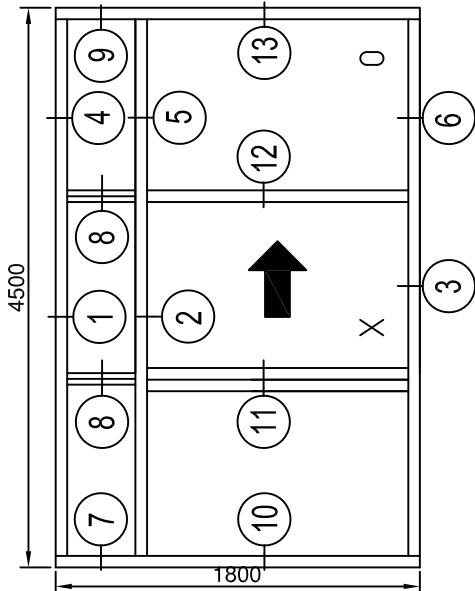
Date: 09-06-2020

Sheet No: B36

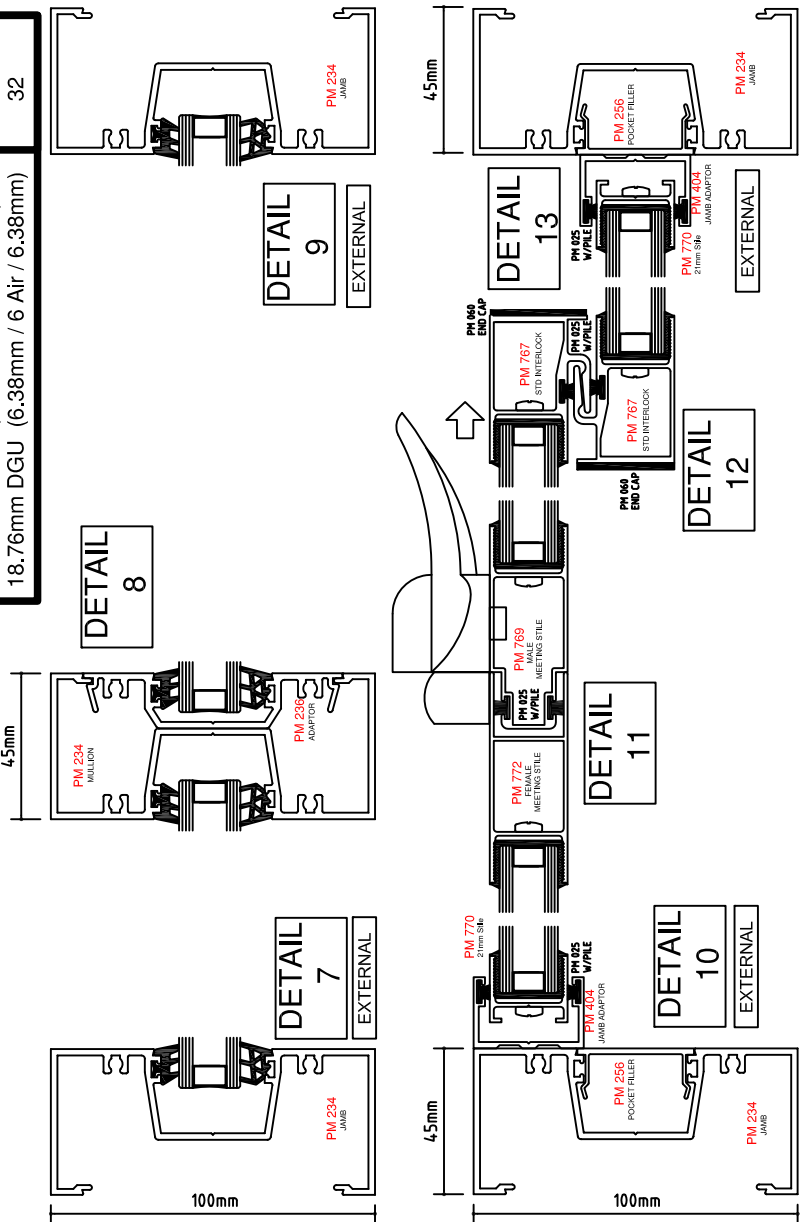
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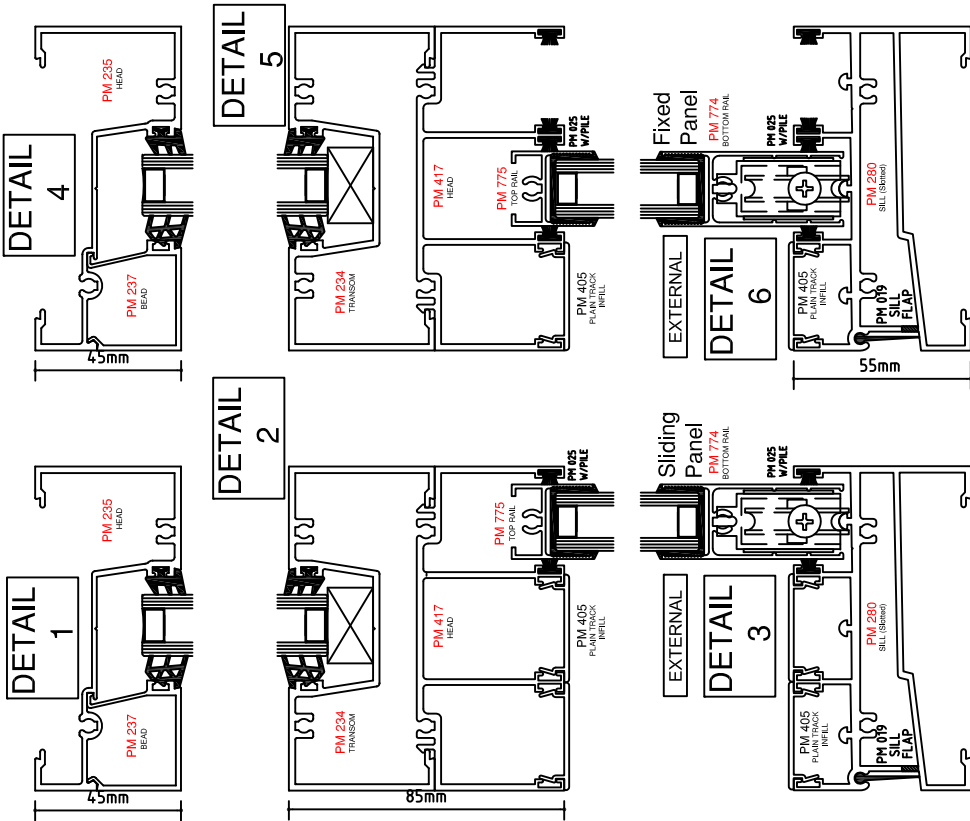
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TYPICAL ELEVATION



GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3003 SERIES
Configuration:	O XO / HL Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	37
10.50mm Laminated (Hush)	35
12.00mm Float / Toughened	35
12.38mm Laminated	38
12.50mm Laminated (Hush)	29
16.00mm DGU (4mm / 8 Air / 4mm)	20
18.00mm DGU (4mm / 10 Air / 4mm)	31
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	32



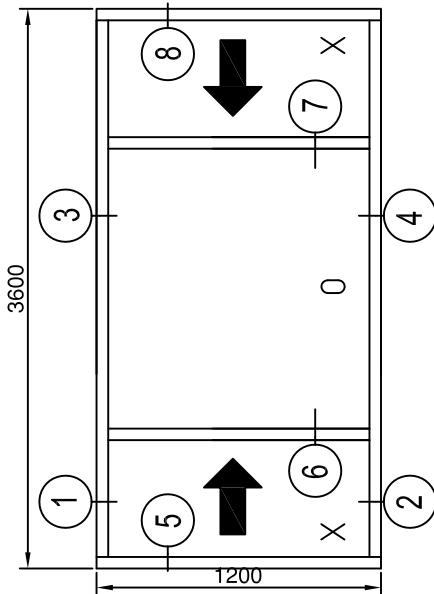
ACOUSTIC SIMULATION REPORT

Date: 09-06-2020
 Sheet No: B36
 Not to Scale

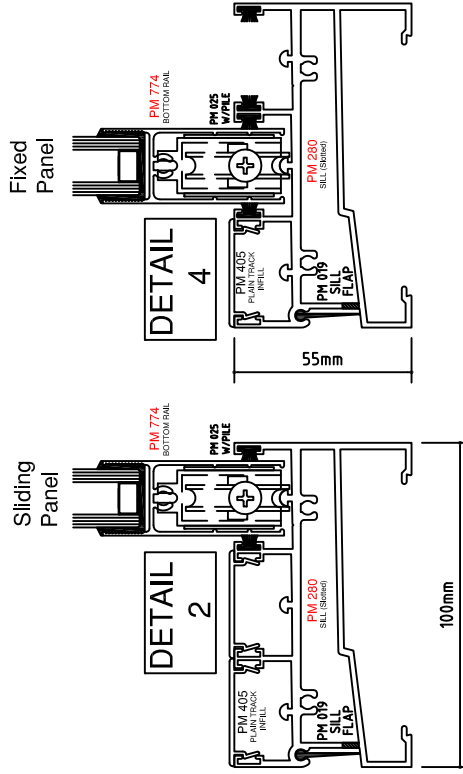
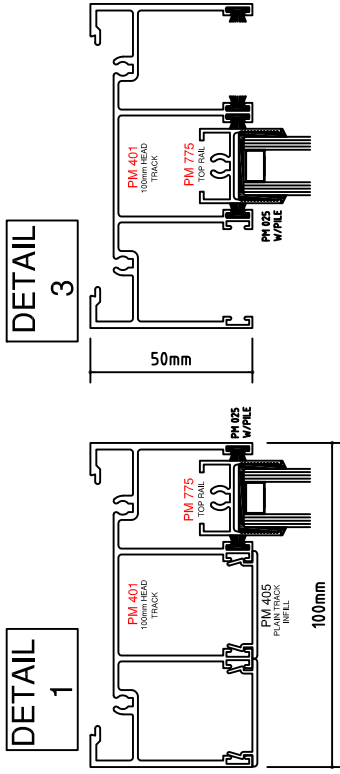


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GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3003 SERIES
Configuration:	XOX Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	38
10.50mm Laminated (Hush)	36
12.00mm Float / Toughened	36
12.38mm Laminated	39
12.50mm Laminated (Hush)	30
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	32
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33

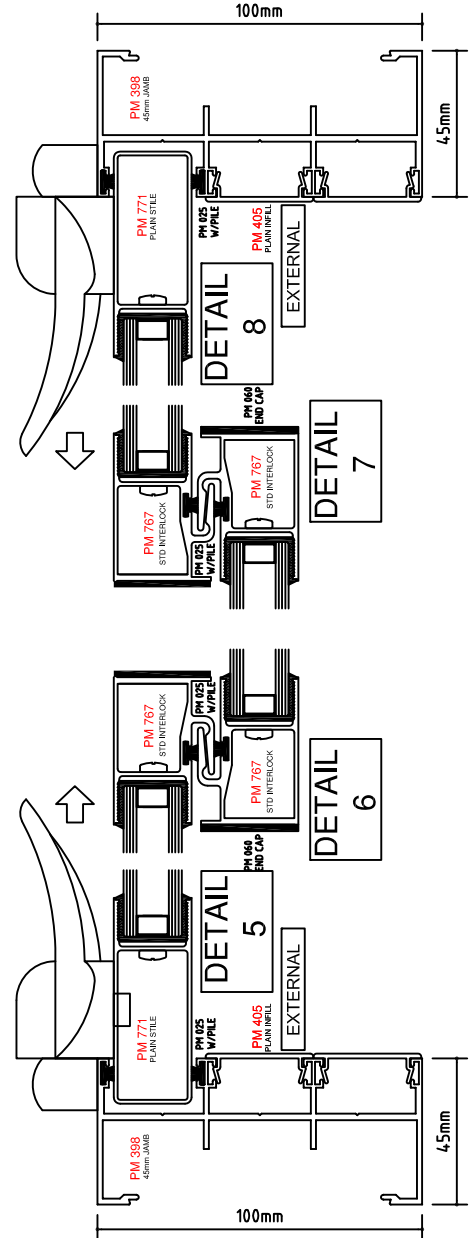
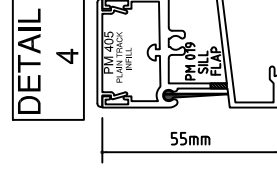
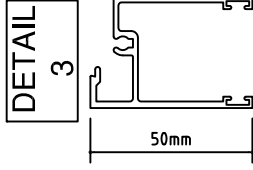


TYPICAL ELEVATION



Fixed Panel

Sliding Panel





ACOUSTIC SIMULATION REPORT



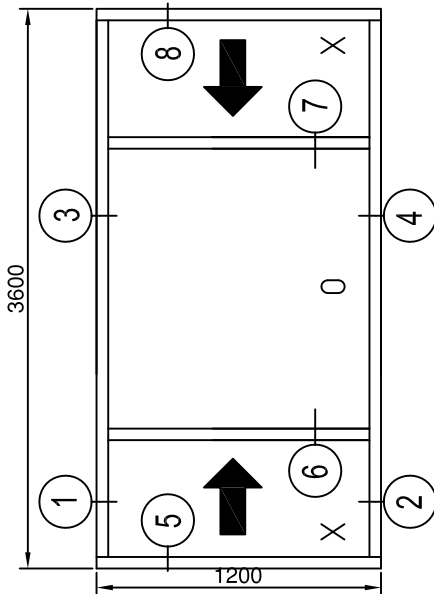
PRESS METAL
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Date: 09-06-2020

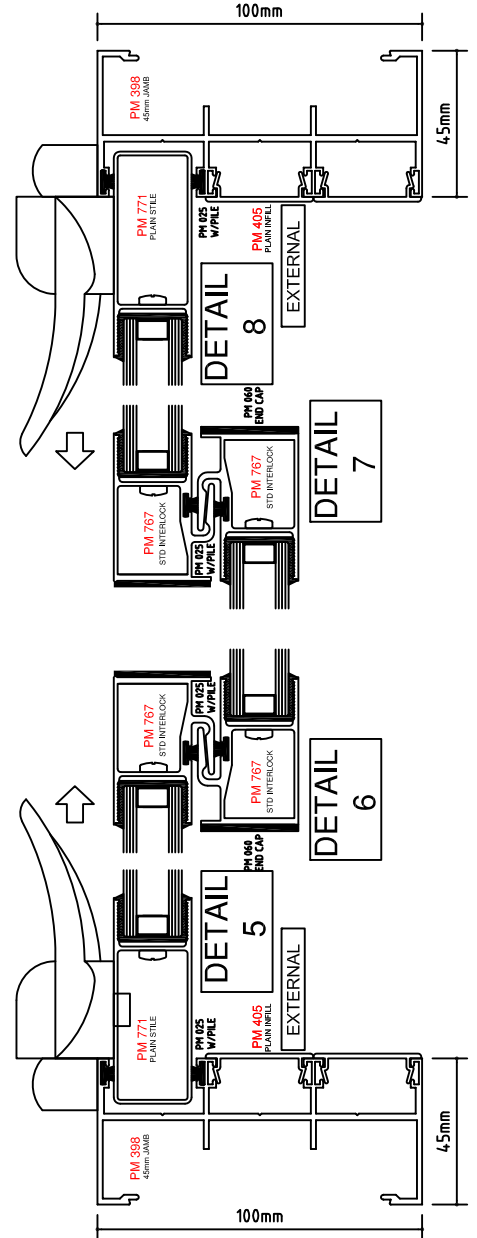
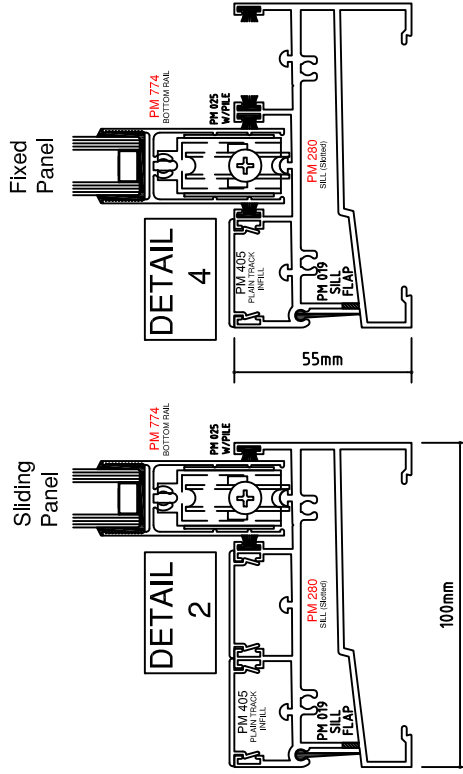
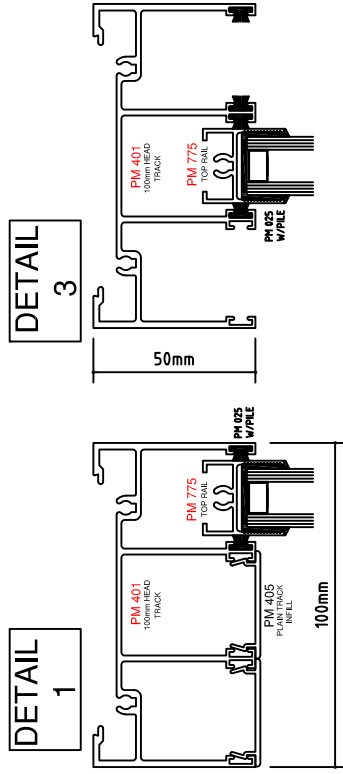
Sheet No: B37

Not to Scale

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3003 SERIES
Configuration:	XOX Sliding Window
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	38
10.50mm Laminated (Hush)	36
12.00mm Float / Toughened	36
12.38mm Laminated	39
12.50mm Laminated (Hush)	30
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	32
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33



TYPICAL ELEVATION





ACOUSTIC SIMULATION REPORT

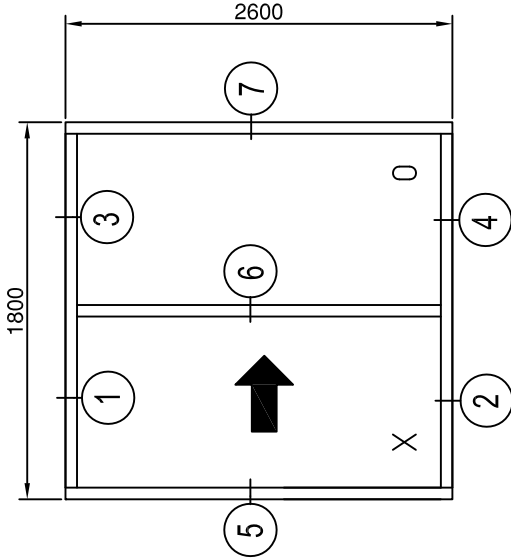


PRESS METAL
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Date: 09-06-2020

Sheet No: B37

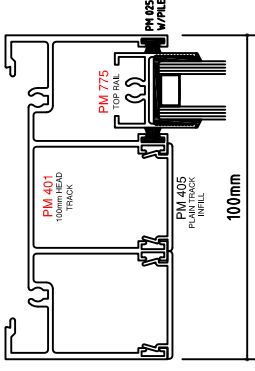
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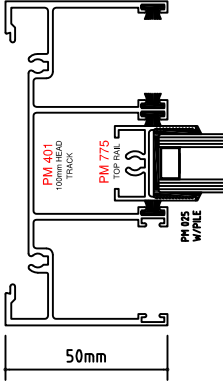
TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)		
Frame Type:	3005 SERIES	
Configuration:	XO Sliding Door	
GLASS TYPES		RW
6.00mm Float / Toughened		32
6.38mm Laminated		33
6.50mm Laminated (Hush)		36
8.00mm Float / Toughened		34
8.38mm Laminated		34
10.00mm Float / Toughened		36
10.38mm Laminated		36
10.50mm Laminated (Hush)		39
12.00mm Float / Toughened		37
12.38mm Laminated		37
12.50mm Laminated (Hush)		40
16.00mm DGU (4mm / 8 Air / 4mm)		31
18.00mm DGU (4mm / 10 Air / 4mm)		31
18.00mm DGU (5mm / 8 Air / 5mm)		33
18.38mm DGU (6.38mm / 8 Air / 4mm).		33
18.76mm DGU (6.38mm / 6 Air / 6.38mm)		34

DETAIL 1

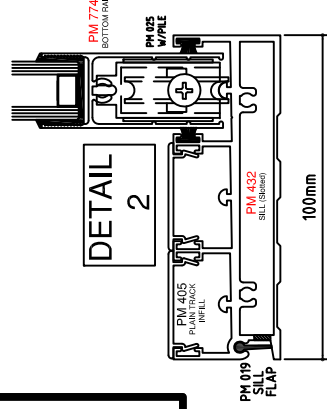


DETAIL 3



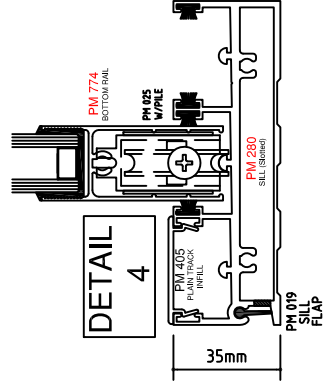
Sliding Panel

DETAIL 2

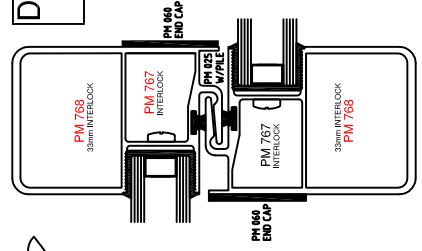


Fixed Panel

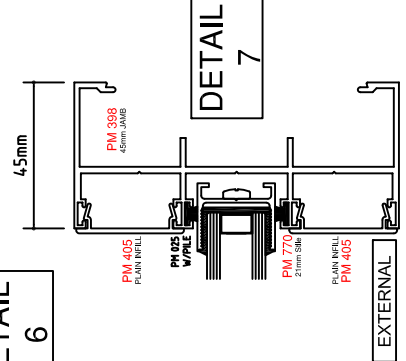
DETAIL 4



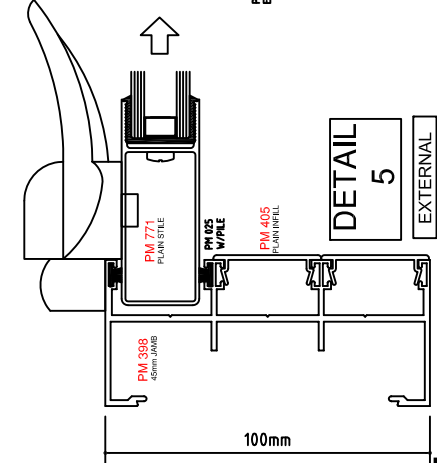
DETAIL 6



DETAIL 7



DETAIL 5



ACOUSTIC SIMULATION REPORT

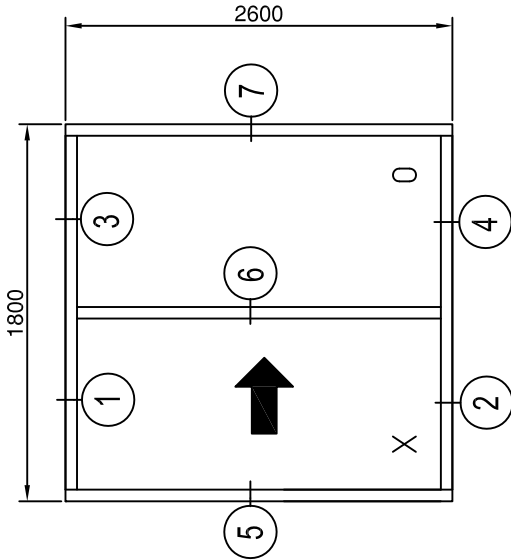
Date: 09-06-2020

Sheet No: B38

Not to Scale



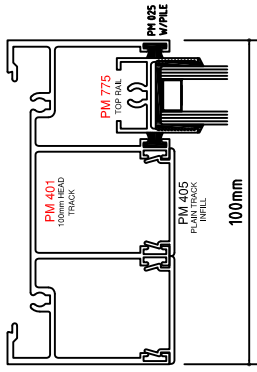
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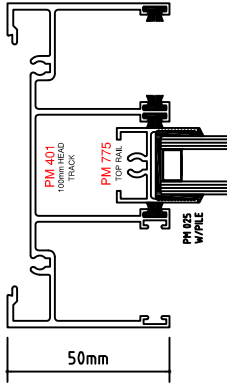
TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)		
Frame Type:	3005 SERIES	
Configuration:	XO Sliding Door	
GLASS TYPES		RW
6.00mm Float / Toughened		32
6.38mm Laminated		33
6.50mm Laminated (Hush)		36
8.00mm Float / Toughened		34
8.38mm Laminated		34
10.00mm Float / Toughened		36
10.38mm Laminated		36
10.50mm Laminated (Hush)		39
12.00mm Float / Toughened		37
12.38mm Laminated		37
12.50mm Laminated (Hush)		40
16.00mm DGU (4mm / 8 Air / 4mm)		31
18.00mm DGU (4mm / 10 Air / 4mm)		31
18.00mm DGU (5mm / 8 Air / 5mm)		33
18.38mm DGU (6.38mm / 8 Air / 4mm).		33
18.76mm DGU (6.38mm / 6 Air / 6.38mm)		34

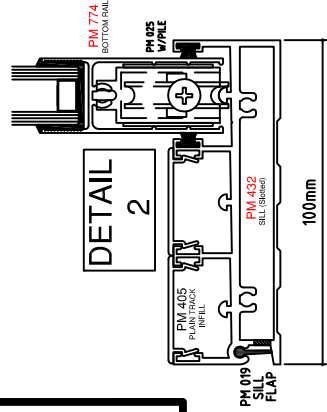
DETAIL 1



DETAIL 3

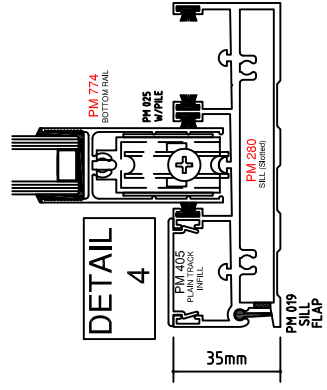


Sliding Panel

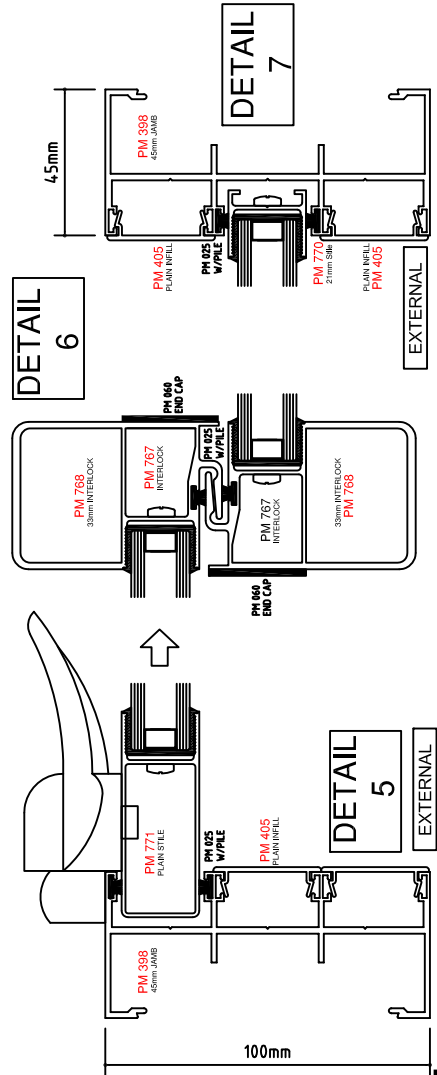


DETAIL 2

Fixed Panel



DETAIL 4



ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

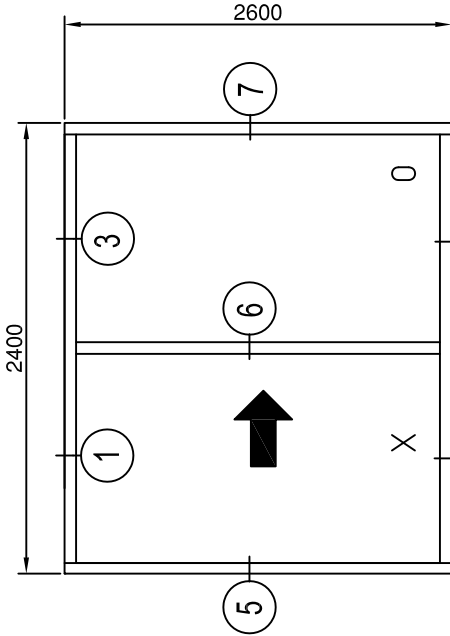
Sheet No: B38



PRESS METAL

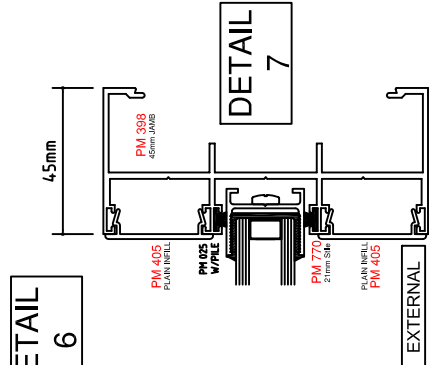
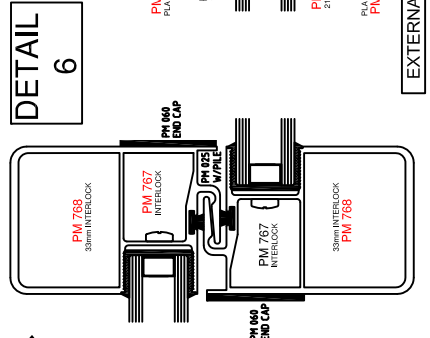
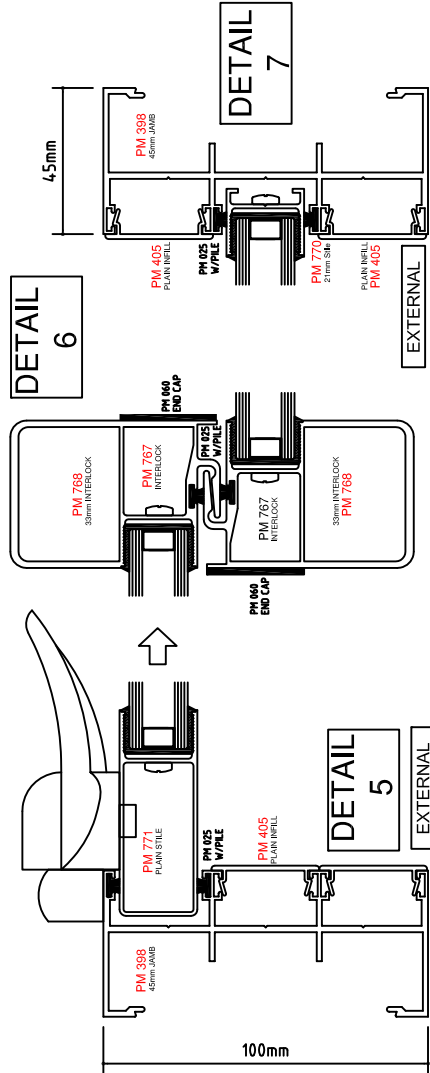
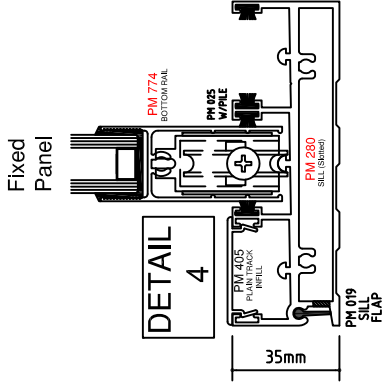
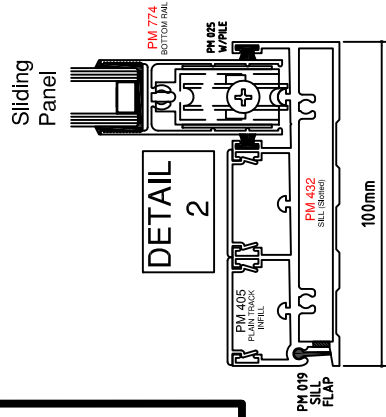
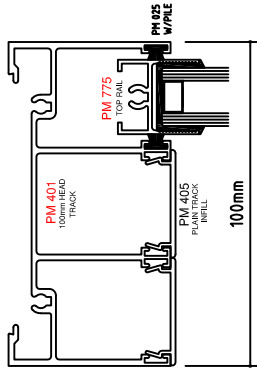
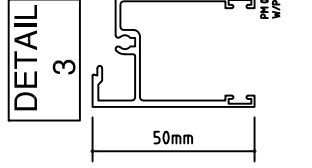
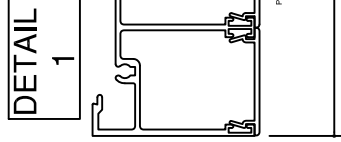
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Not to Scale



TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3005 SERIES
Configuration:	XO Sliding Door
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	35
10.50mm Laminated (Hush)	38
12.00mm Float / Toughened	36
12.38mm Laminated	36
12.50mm Laminated (Hush)	39
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	30
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33



ACOUSTIC SIMULATION REPORT

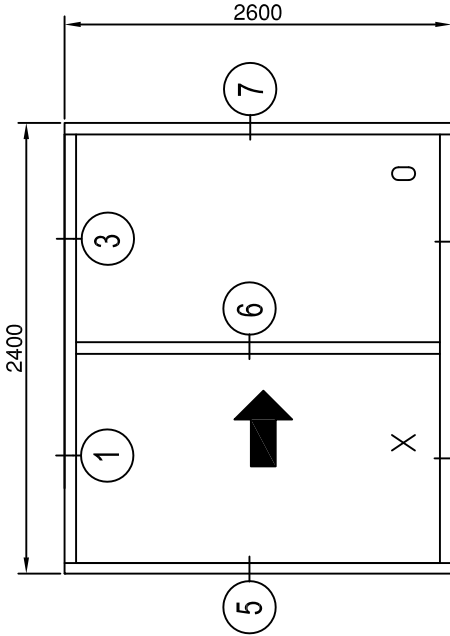
Date: 09-06-2020

Sheet No: B39

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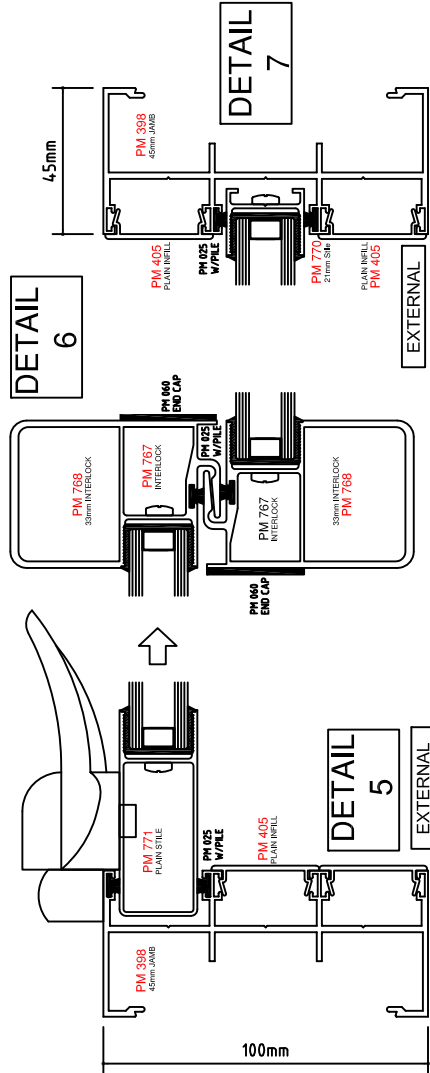
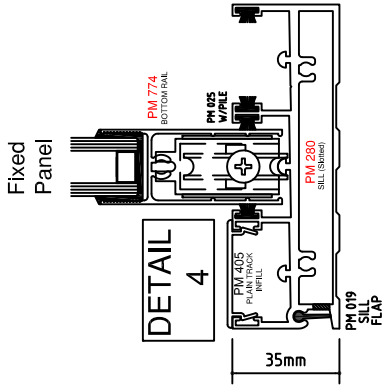
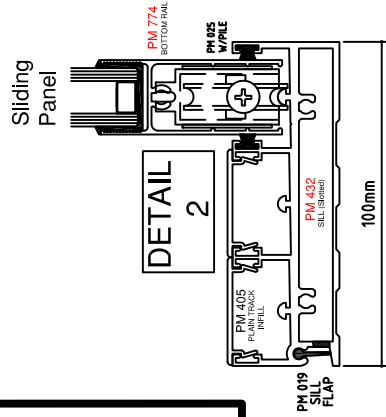
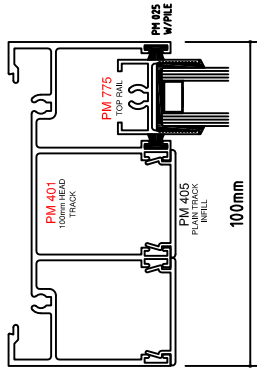
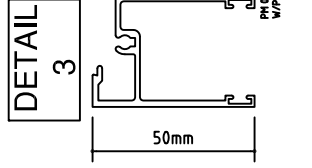
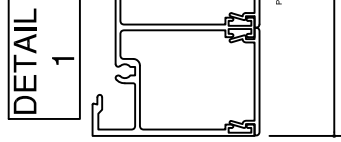


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TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3005 SERIES
Configuration:	XO Sliding Door
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	35
10.50mm Laminated (Hush)	38
12.00mm Float / Toughened	36
12.38mm Laminated	36
12.50mm Laminated (Hush)	39
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	30
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33



ACOUSTIC SIMULATION REPORT

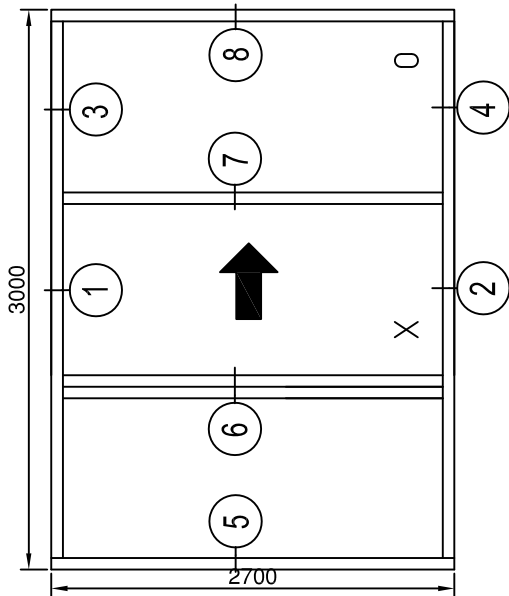
Date: 09-06-2020

Sheet No: B39

Not to Scale



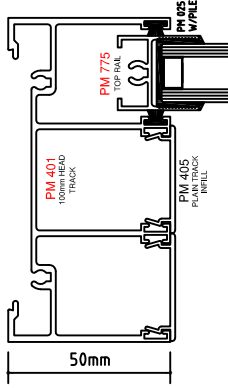
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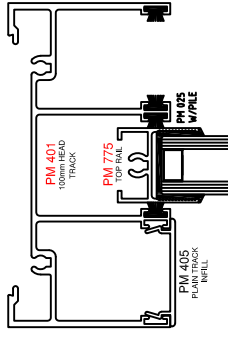
TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3005 SERIES
Configuration:	OXO Sliding Door
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	35
10.50mm Laminated (Hush)	38
12.00mm Float / Toughened	36
12.38mm Laminated	36
12.50mm Laminated (Hush)	39
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	30
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33

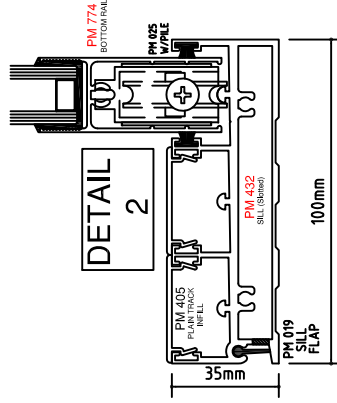
DETAIL 1



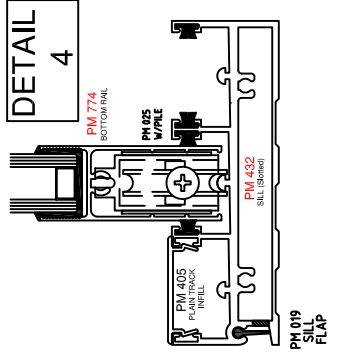
DETAIL 3



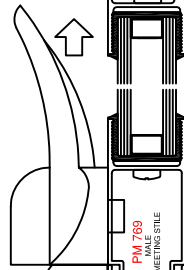
Sliding Panel



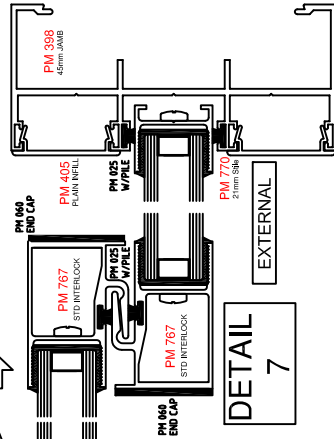
Fixed Panel



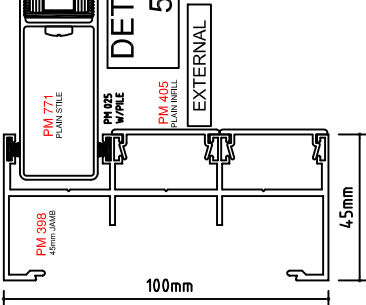
DETAIL 6



DETAIL 8



DETAIL 5



DETAIL 7



ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

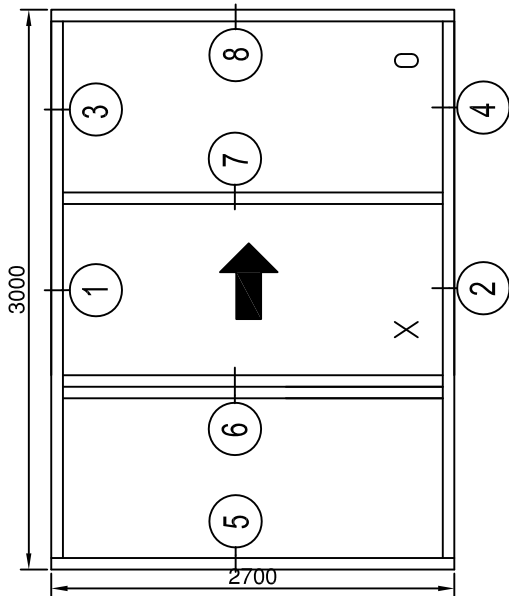
Sheet No: B40

Not to Scale



PRESS METAL

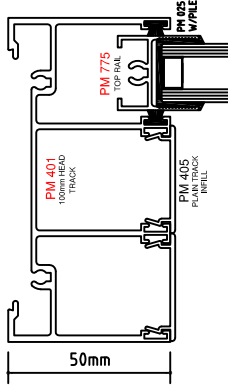
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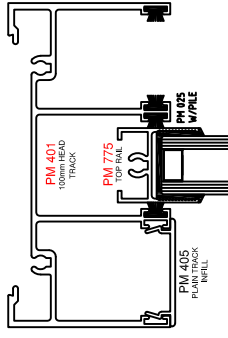
TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3005 SERIES
Configuration:	OXO Sliding Door
GLASS TYPES	RW
6.00mm Float / Toughened	31
6.38mm Laminated	32
6.50mm Laminated (Hush)	35
8.00mm Float / Toughened	33
8.38mm Laminated	33
10.00mm Float / Toughened	35
10.38mm Laminated	35
10.50mm Laminated (Hush)	38
12.00mm Float / Toughened	36
12.38mm Laminated	36
12.50mm Laminated (Hush)	39
16.00mm DGU (4mm / 8 Air / 4mm)	30
18.00mm DGU (4mm / 10 Air / 4mm)	30
18.00mm DGU (5mm / 8 Air / 5mm)	32
18.38mm DGU (6.38mm / 8 Air / 4mm)	32
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	33

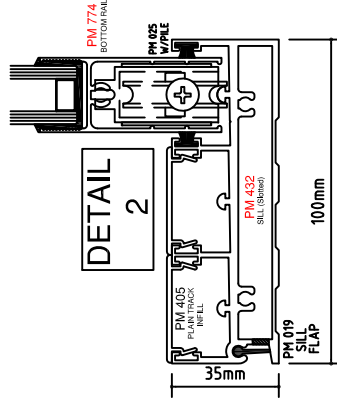
DETAIL 1



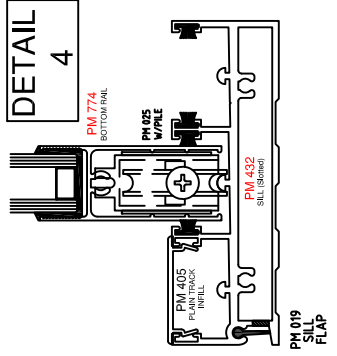
DETAIL 3



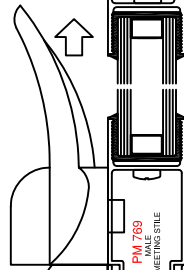
Sliding Panel



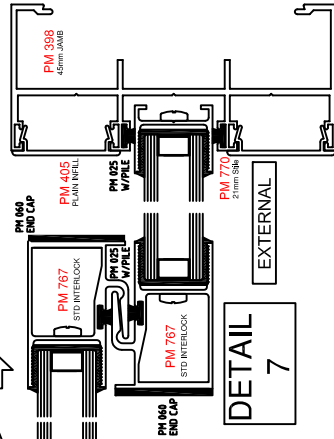
Fixed Panel



DETAIL 6

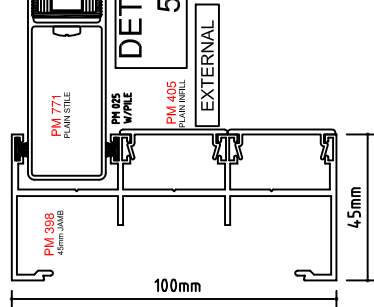


DETAIL 8



DETAIL 7

DETAIL 5



ACOUSTIC SIMULATION REPORT

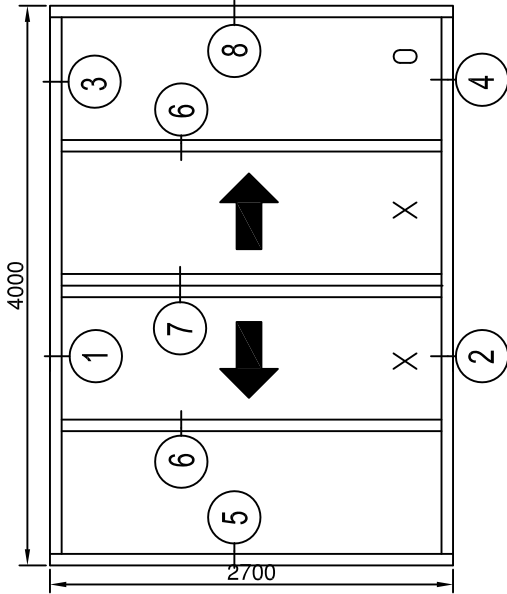
Date: 09-06-2020

Sheet No: B40

Not to Scale



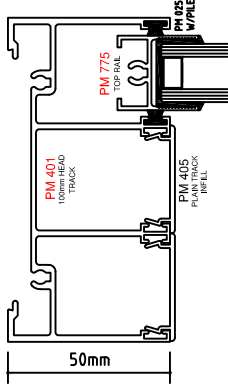
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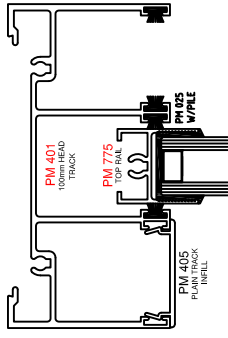
TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3005 SERIES
Configuration:	OXXO Sliding Door
GLASS TYPES	RW
6.00mm Float / Toughened	32
6.38mm Laminated	33
6.50mm Laminated (Hush)	36
8.00mm Float / Toughened	34
8.38mm Laminated	34
10.00mm Float / Toughened	36
10.38mm Laminated	36
10.50mm Laminated (Hush)	39
12.00mm Float / Toughened	37
12.38mm Laminated	37
12.50mm Laminated (Hush)	40
16.00mm DGU (4mm / 8 Air / 4mm)	31
18.00mm DGU (4mm / 10 Air / 4mm)	31
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm)	31
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	34

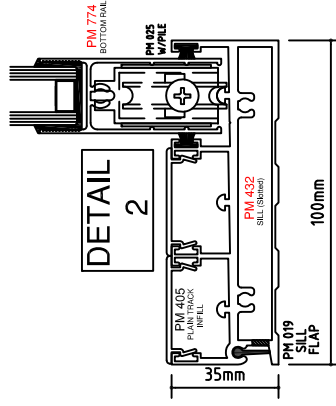
DETAIL 1



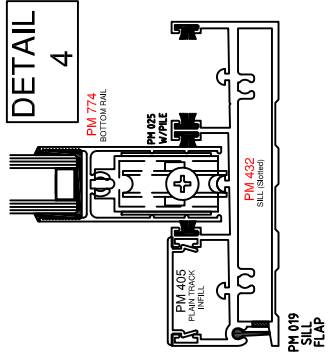
DETAIL 3



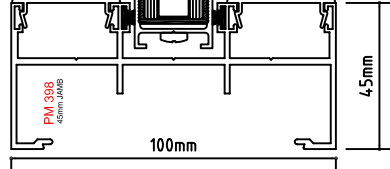
Sliding Panel



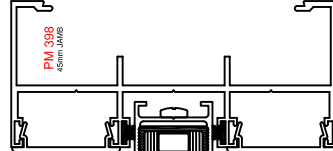
Fixed Panel



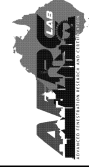
DETAIL 5



DETAIL 8



ACOUSTIC SIMULATION REPORT



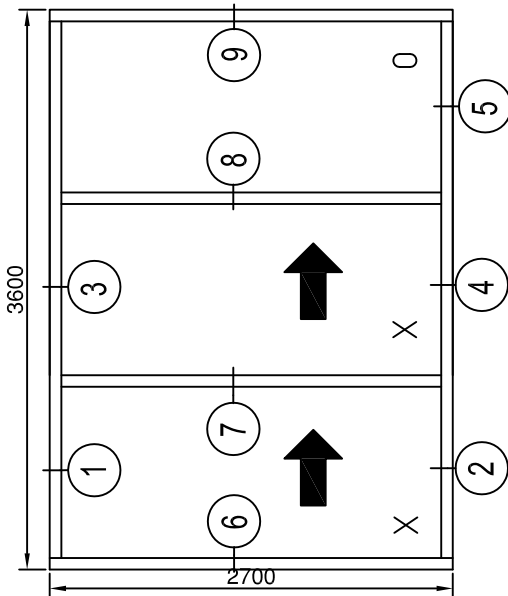
Date: 09-06-2020

Sheet No: B41

Not to Scale

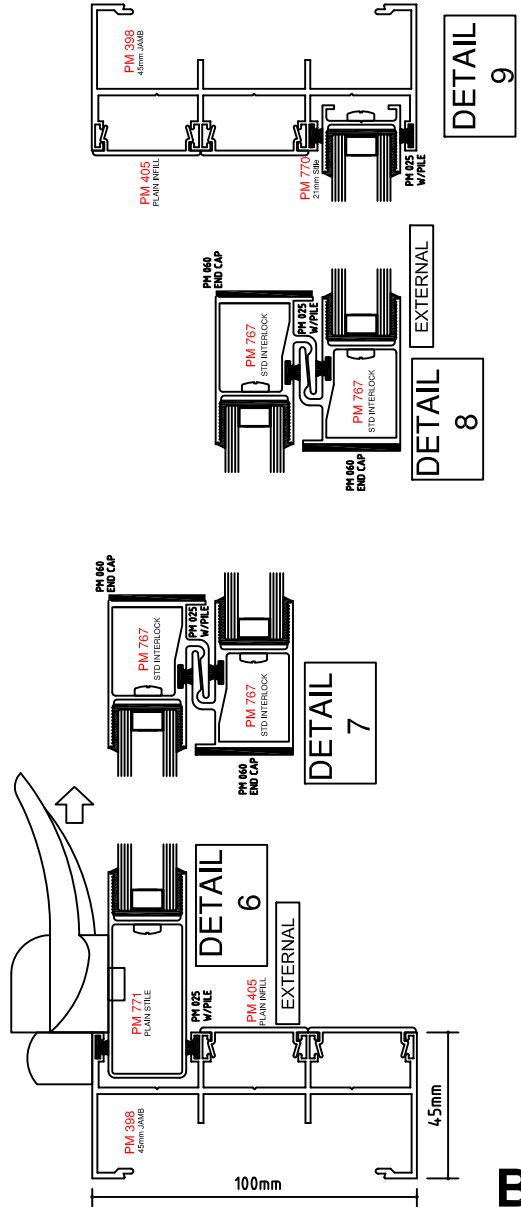
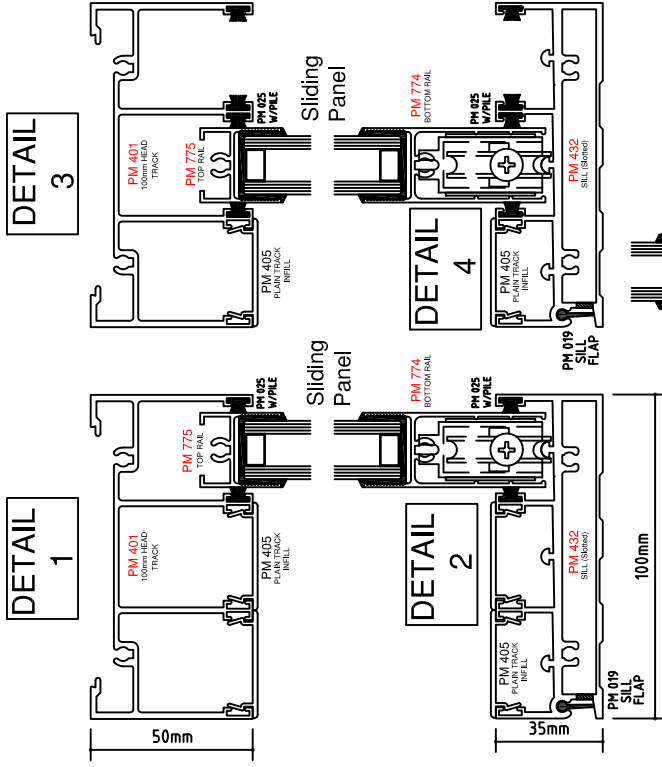


PRESS METAL
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TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3005 SERIES
Configuration:	XXO Sliding Door
GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	34
10.50mm Laminated (Hush)	37
12.00mm Float / Toughened	35
12.38mm Laminated	35
12.50mm Laminated (Hush)	38
16.00mm DGU (4mm / 8 Air / 4mm)	29
18.00mm DGU (4mm / 10 Air / 4mm)	29
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm)	31
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	32



ACOUSTIC SIMULATION REPORT

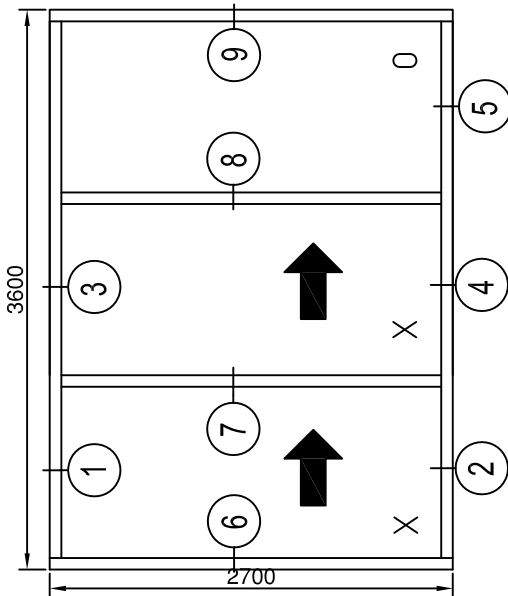
Date: 09-06-2020

Sheet No: B42

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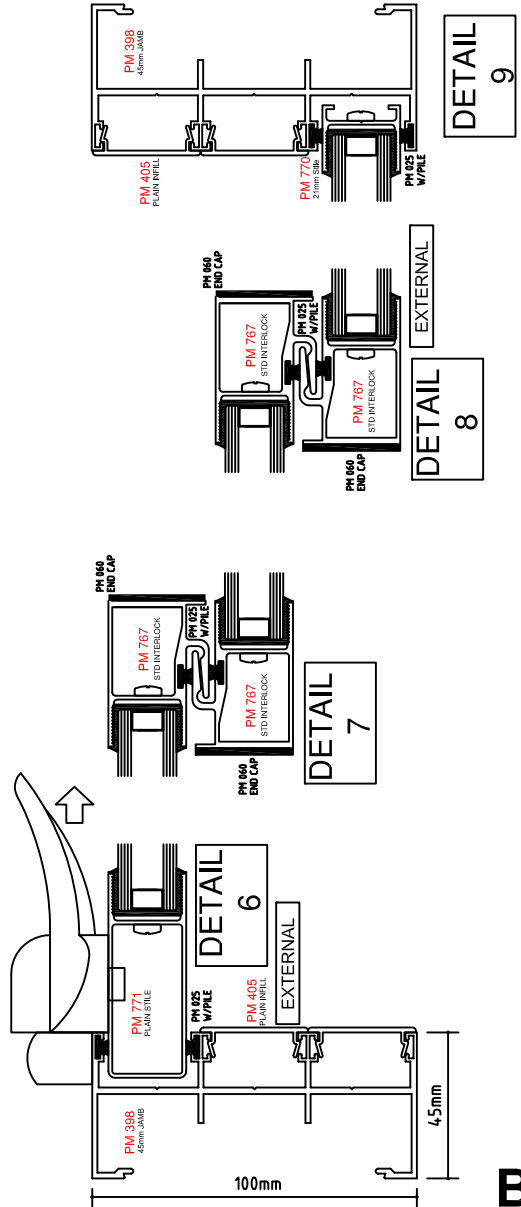
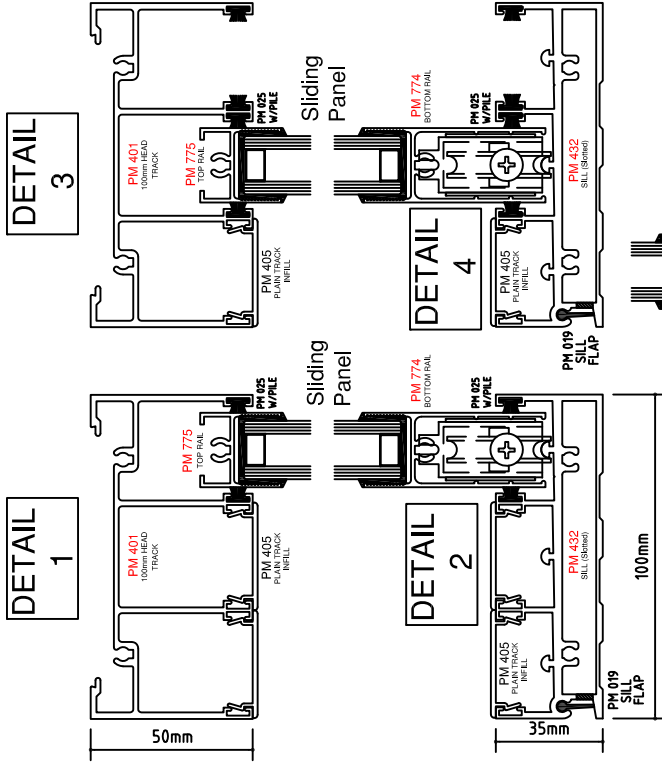


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TYPICAL ELEVATION

GUIDE TO ACOUSTIC VALUES (RW)	
Frame Type:	3005 SERIES
Configuration:	XXO Sliding Door
GLASS TYPES	RW
6.00mm Float / Toughened	30
6.38mm Laminated	31
6.50mm Laminated (Hush)	34
8.00mm Float / Toughened	32
8.38mm Laminated	32
10.00mm Float / Toughened	34
10.38mm Laminated	34
10.50mm Laminated (Hush)	37
12.00mm Float / Toughened	35
12.38mm Laminated	35
12.50mm Laminated (Hush)	38
16.00mm DGU (4mm / 8 Air / 4mm)	29
18.00mm DGU (4mm / 10 Air / 4mm)	29
18.00mm DGU (5mm / 8 Air / 5mm)	31
18.38mm DGU (6.38mm / 8 Air / 4mm)	31
18.76mm DGU (6.38mm / 6 Air / 6.38mm)	32



ACOUSTIC SIMULATION REPORT

Date: 09-06-2020

Sheet No: B42

Not to Scale



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3001 SERIES SLIDING WINDOWS		GLASS SELECTION CHART - THERMAL ASSESSMENT GUIDE									
			6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E
67 X 45mm FRAME											
SINGLE GLAZING DOUBLE GLAZING											
	UW	6.050	5.914	5.857	4.518	4.547	4.543	4.564	4.472	4.434	
	SHGC	0.620	0.591	0.577	0.522	0.386	0.393	0.399	0.490	0.358	
	TVW	0.653	0.643	0.637	0.601	0.285	0.521	0.431	0.582	0.290	
	UW	5.977	5.841	5.782	4.331	4.334	4.328	4.353	4.260	4.224	
	SHGC	0.678	0.638	0.624	0.563	0.415	0.422	0.429	0.528	0.384	
	TVW	0.723	0.703	0.697	0.657	0.312	0.570	0.471	0.636	0.317	
	UW	6.127	6.001	5.947	4.746	4.771	4.767	4.786	4.702	4.665	
	SHGC	0.569	0.542	0.531	0.482	0.359	0.365	0.370	0.452	0.333	
	TVW	0.588	0.578	0.574	0.541	0.257	0.469	0.388	0.524	0.261	
	UW	5.940	5.800	5.743	4.241	4.257	4.251	4.276	4.180	4.145	
	SHGC	0.684	0.650	0.636	0.573	0.420	0.427	0.434	0.537	0.388	
	TVW	0.731	0.719	0.713	0.672	0.319	0.582	0.482	0.651	0.324	
	UW	6.337	0.617	6.107	4.780	4.790	4.782	4.808	4.702	4.657	
	SHGC	0.683	0.651	0.637	0.576	0.431	0.427	0.444	0.542	0.401	
	TVW	0.727	0.716	0.710	0.669	0.317	0.580	0.479	0.648	0.333	
AFRC Lab Fenestration Performance Report									B46		

Windows are assessed for performance in 3 Different ways.

U - value , Solar Heat Gain Coefficient , Visible Transmittance

Uw U-value measures how well a product prevents heat from escaping the building in winter and entering the building in summer. The lower the U-value (Uw), the better the thermal efficiency.

SHGC Solar Heat Gain Coefficient, measures how well a product blocks heat from the sun's rays. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking unwanted heat gain.

Tw Visible Transmittance (Tw) measures how much light comes through a window. Tw is expressed as a number between 0 and 1. The higher the number the more daylight will enter a room.



3001 SERIES SLIDING WINDOWS		GLASS SELECTION CHART - THERMAL ASSESSMENT GUIDE								
		67 X 45mm FRAME	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	18.00 DGU 4Clear-10Air-4Clear	18.00 DGU 6.38Clear-8Air- 4Clear	18.00 DGU 6.38 Comfort Plus Clear-8Air-4Clear			
SINGLE GLAZING DOUBLE GLAZING										
	UW	4.434	4.411	3.979	4.049	3.570				
	SHGC	0.308	0.378	0.586	0.549	0.467				
	TVW	0.433	0.447	0.601	0.594	0.547				
	UW	4.224	4.199	3.716	3.793	3.260				
	SHGC	0.330	0.406	0.634	0.593	0.504				
	TVW	0.474	0.489	0.658	0.650	0.599				
	UW	4.665	4.644	4.263	4.316	3.887				
	SHGC	0.288	0.351	0.538	0.505	0.432				
	TVW	0.390	0.403	0.541	0.535	0.493				
	UW	4.145	4.122	3.697	3.774	3.242				
	SHGC	0.332	0.411	0.647	0.605	0.514				
	TVW	0.485	0.500	0.672	0.665	0.612				
	UW	4.657	4.660	3.900	3.976	3.428				
	SHGC	0.347	0.422	0.645	0.603	0.513				
	TVW	0.483	0.498	0.669	0.661	0.609				
AFRC Lab Fenestration Performance Report										B47



3003 SERIES SLIDING WINDOWS	GLASS SELECTION CHART - THERMAL ASSESSMENT GUIDE									
		6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E	12.38 Comfort Plus Grey - Low E
100 X 45mm FRAME										
SINGLE GLAZING DOUBLE GLAZING										
	UW	5.950	5.830	5.777	4.640	4.650	4.620	4.660	4.580	4.544
	SHGC	0.577	0.548	0.537	0.486	0.360	0.368	0.373	0.457	0.337
	TVW	0.597	0.587	0.582	0.549	0.260	0.476	0.393	0.531	0.265
	UW	6.000	5.900	5.800	4.500	4.500	4.500	4.500	4.500	4.400
	SHGC	0.630	0.600	0.580	0.530	0.390	0.400	0.400	0.500	0.360
	TVW	0.660	0.650	0.640	0.610	0.290	0.530	0.440	0.590	0.290
	UW	6.000	5.900	5.800	4.600	4.600	4.600	4.600	4.500	4.500
	SHGC	0.610	0.580	0.570	0.510	0.380	0.390	0.390	0.480	0.350
	TVW	0.540	0.630	0.620	0.590	0.280	0.510	0.420	0.570	0.280
	UW	6.100	5.900	5.900	4.900	4.900	4.900	4.900	4.900	4.800
	SHGC	0.530	0.500	0.490	0.450	0.340	0.340	0.350	0.420	0.310
	TVW	0.540	0.530	0.530	0.500	0.240	0.430	0.360	0.480	0.240
	UW	6.200	5.900	6.000	4.800	4.800	4.700	4.800	4.700	4.700
	SHGC	0.620	0.630	0.580	0.520	0.390	0.400	0.400	0.490	0.360
	TVW	0.660	0.690	0.640	0.600	0.290	0.520	0.430	0.590	0.290
AFRC Lab Fenestration Performance Report										B48

Windows are assessed for performance in 3 Different ways.

U - value , Solar Heat Gain Coefficient , Visible Transmittance

Uw U-value measures how well a product prevents heat from escaping the building in winter and entering the building in summer. The lower the U-value (Uw), the better the thermal efficiency.

SHGC Solar Heat Gain Coefficient, measures how well a product blocks heat from the sun's rays. SHGC is expressed as a number between 0 and 1. The lower the SHGC, the better a product is at blocking unwanted heat gain.

Tw Visible Transmittance (Tw) measures how much light comes through a window. Tw is expressed as a number between 0 and 1. The higher the number the more daylight will enter a room.



3003 SERIES SLIDING WINDOWS		GLASS SELECTION CHART - THERMAL ASSESSMENT GUIDE								
		100 X 45mm FRAME	12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	18.00 DGU 4Clear-10Air- 4Clear	18.00 DGU 6.38Clear-8Air- 4Clear	18.00 DGU 6.38 Comfort Plus Clear-8Air-4Clear			
SINGLE GLAZING DOUBLE GLAZING										
	UW	4.544	4.521	4.080	4.150	3.722				
	SHGC	0.291	0.356	0.545	0.511	0.437				
	TVW	0.396	0.408	0.549	0.542	0.500				
	UW	4.400	4.400	3.900	4.000	3.500				
	SHGC	0.310	0.380	0.590	0.560	0.470				
	TVW	0.440	0.450	0.610	0.600	0.550				
	UW	4.500	4.500	4.000	4.100	3.600				
	SHGC	0.300	0.370	0.570	0.540	0.460				
	TVW	0.420	0.440	0.590	0.580	0.530				
	UW	4.800	4.800	4.400	4.500	4.100				
	SHGC	0.270	0.330	0.500	0.470	0.400				
	TVW	0.360	0.370	0.500	0.490	0.450				
	UW	4.700	4.600	4.100	4.200	3.700				
	SHGC	0.310	0.380	0.590	0.550	0.470				
	TVW	0.440	0.450	0.600	0.600	0.550				
AFRC Lab Fenestration Performance Report										B49



3005 SERIES SLIDING DOORS		GLASS SELECTION CHART - THERMAL ASSESSMENT GUIDE								
			6.38 / 6.5 Clear Laminated	10.38 / 10.5 Clear Laminated	12.38 / 12.5 Clear Laminated	6.38 Comfort Plus Clear - Low E	6.38 Comfort Plus Grey - Low E	6.38 Comfort Plus Green - Low E	6.38 Comfort Plus Neutral - Low E	12.38 Comfort Plus Clear - Low E
100 X 45mm FRAME										
SINGLE GLAZING DOUBLE GLAZING										
	UW	5.85	5.72	5.67	4.14	4.15	4.14	4.17	4.08	4.05
	SHGC	0.67	0.64	0.62	0.56	0.41	0.41	0.42	0.53	0.38
	TVW	0.72	0.71	0.70	0.66	0.31	0.57	0.47	0.64	0.32
	UW	5.75	5.62	5.56	3.94	3.94	3.94	3.96	3.88	3.85
	SHGC	0.70	0.66	0.65	0.58	0.42	0.43	0.44	0.54	0.39
	TVW	0.75	0.74	0.73	0.69	0.33	0.60	0.49	0.67	0.33
	UW	5.70	5.60	5.50	3.90	3.90	3.90	3.90	3.90	3.80
	SHGC	0.70	0.55	0.65	0.58	0.42	0.43	0.44	0.54	0.39
	TVW	0.75	0.74	0.73	0.69	0.33	0.60	0.49	0.67	0.33
	UW	5.70	5.60	5.60	3.90	3.90	3.90	4.00	3.90	3.80
	SHGC	0.70	0.66	0.65	0.58	0.42	0.43	0.44	0.54	0.39
	TVW	0.75	0.74	0.73	0.69	0.33	0.60	0.49	0.67	0.33
	UW	5.70	5.60	5.50	3.90	3.90	3.90	3.90	3.80	3.80
	SHGC	0.70	0.66	0.65	0.58	0.42	0.43	0.44	0.55	0.39
	TVW	0.75	0.74	0.73	0.69	0.33	0.60	0.50	0.67	0.33
AFRC Lab Fenestration Performance Report										B50

Windows are assessed for performance in 3 Different ways.

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3005 SERIES SLIDING DOORS		GLASS SELECTION CHART - THERMAL ASSESSMENT GUIDE											
		12.38 Comfort Plus Green - Low E	12.38 Comfort Plus Neutral - Low E	18.00 DGU 4Clear-10Air- 4Clear	18.00 DGU 6.38Clear-8Air- 4Clear	18.00 DGU 6.38 Comfort Plus Clear-8Air-4Clear							
100 X 45mm FRAME													
SINGLE GLAZING DOUBLE GLAZING													
	UW	4.06	4.03	3.74	3.82	3.31							
	SHGC	0.32	0.40	0.64	0.59	0.51							
	TVW	0.48	0.49	0.66	0.65	0.60							
	UW	3.85	3.84	3.56	3.63	3.10							
	SHGC	0.33	0.41	0.66	0.62	0.52							
	TVW	0.50	0.51	0.69	0.68	0.63							
	UW	3.80	3.80	3.50	3.60	3.10							
	SHGC	0.33	0.41	0.66	0.61	0.52							
	TVW	0.50	0.51	0.69	0.68	0.63							
	UW	3.80	3.80	3.60	3.60	3.10							
	SHGC	0.33	0.41	0.66	0.62	0.52							
	TVW	0.50	0.51	0.69	0.68	0.63							
	UW	3.80	3.80	3.50	3.60	3.10							
	SHGC	0.33	0.41	0.66	0.62	0.53							
	TVW	0.50	0.51	0.69	0.68	0.63							
AFRC Lab Fenestration Performance Report										B51			