

SECTION 1

**COMAR 9 P.i HIGH PERFORMANCE
LADDER FRAME SYSTEM**

SECTION 2

**COMAR 9 P.i HIGH PERFORMANCE
MITRE FRAME SYSTEM**

SECTION 3

**COMAR 9 P.i HIGH PERFORMANCE
CASEMENT WINDOW SYSTEM**

TOP/SIDE HUNG/PROJECTED WINDOWS

SECTION 4

**COMAR 9 P.i HIGH PERFORMANCE
TILT-TURN WINDOW SYSTEM**

BOTTOM/SIDE OPEN-IN WINDOWS, FRENCH DOORS

SECTION 5

**COMAR 9 P.i HIGH PERFORMANCE
DOOR SYSTEM**

OPEN-IN, OPEN-OUT SINGLE/DOUBLE DOORS



SECTION 5

COMAR 9Pi HIGH PERFORMANCE MITRED DOOR SYSTEM

OPEN-IN, OPEN-OUT & DOUBLE DOORS

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COMAR 9 Pi - MITRE DOOR

Thermally broken door profiles, double glazed, internally beaded. The system has been developed for domestic and commercial applications with two options of thermal properties for the profiles and fully integrates with the other Comar 9Pi systems.

The Comar 9 Pi Door system has been successfully tested to requirements of PAS 23 and PAS 24.

SPECIFICATION

The Comar Mitred Door System is designed to conform to BS4873 and other recognised industry standards adopted by CWCT and trade associations i.e. The Council for Aluminium in Building.

MATERIALS

Extruded aluminium profiles are of aluminium alloy 6063 T5 or T6 and comply with the recommendations of BS EN 12020-2:2001 and BS 755-9:2001. Gaskets are extruded from E.P.D.M to BS 4255-1 and P.V.C. to BS7412. Thermal breaks are formed with polyamide strips PA 6.6 25 reinforced with glass fibre.

FINISHES

Aluminium profiles are finished to the following specifications. Silver, bronze and black anodising to BS EN 12373 or BS 3987. Liquid organic coating to BS 4842. Polyester powder coating to BS 6496 and can be dual coloured.

CONSTRUCTION

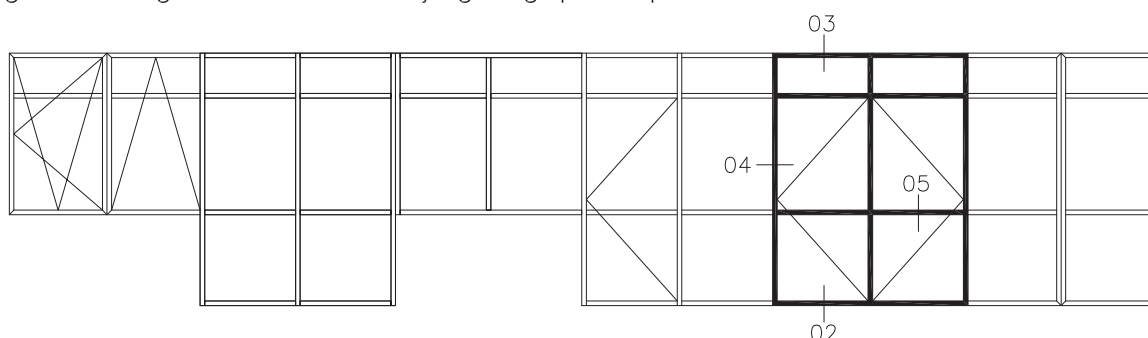
Frames are constructed from mitre-cut sections, utilising mechanical cleats. Mullions and transoms can then be inserted using screws fixing into pre-formed screw ports. Brackets are available for cruciform situation. Sashes are assembled from mitre-cut profile, utilising mechanical cleats. The assembled opening light is then fixed directly to the frame.

GLAZING

internally beaded

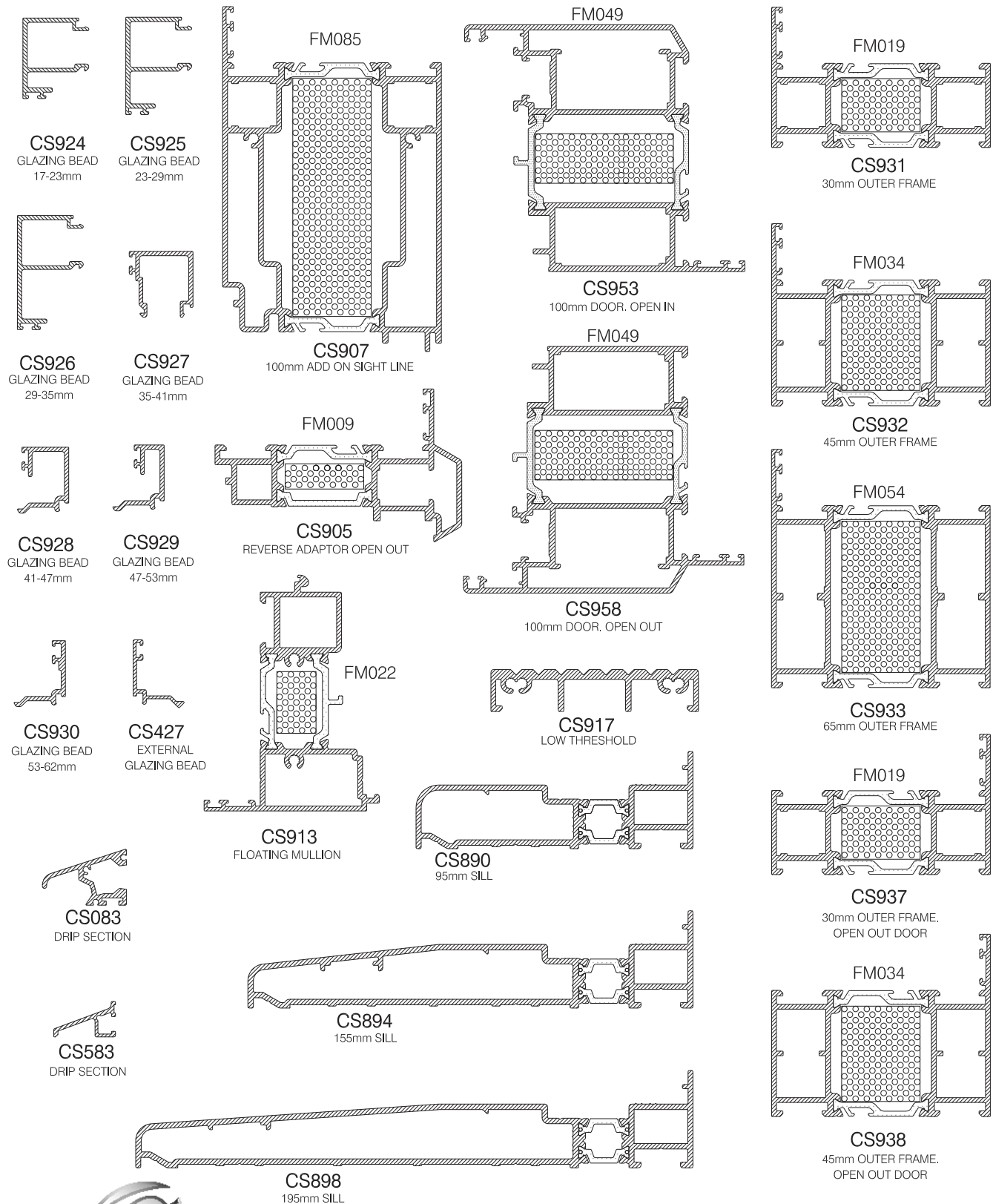
External glazing face always in same plane between fixed light ladder frame and other Comar 9 vent and door.

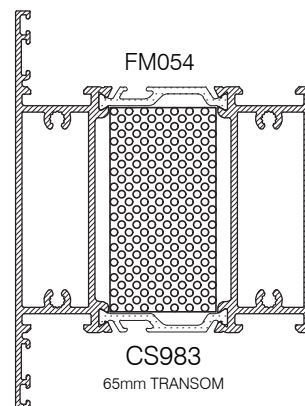
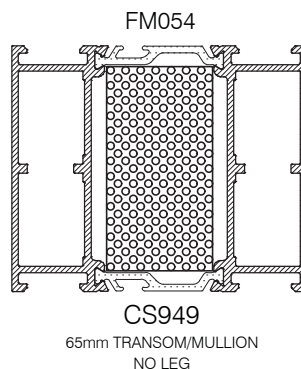
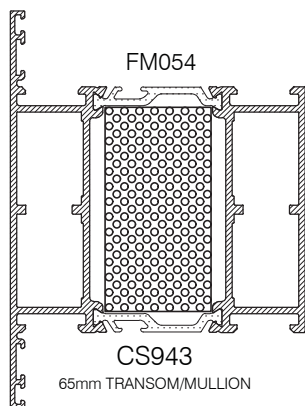
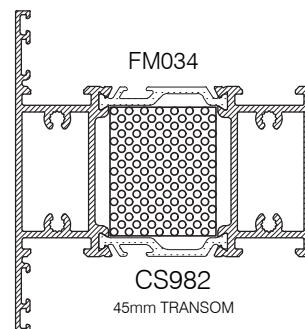
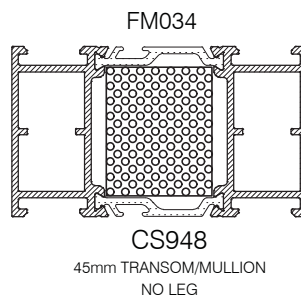
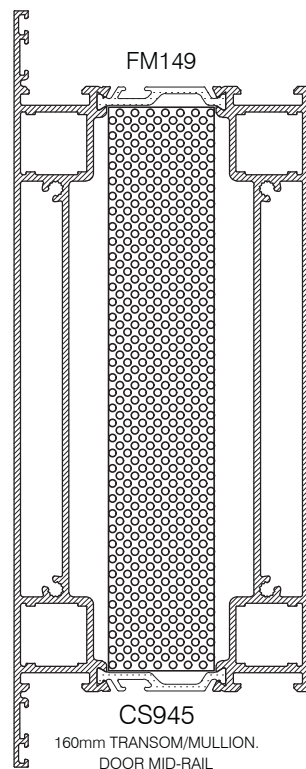
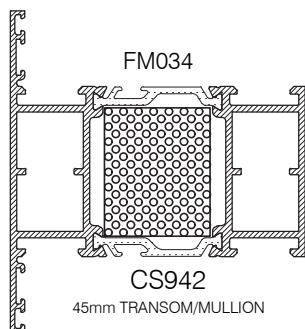
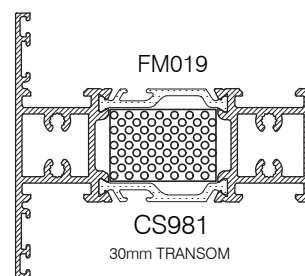
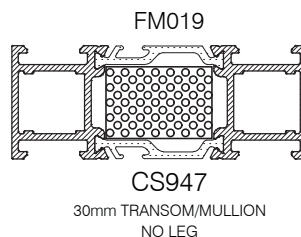
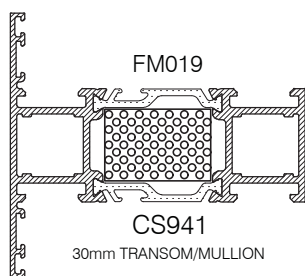
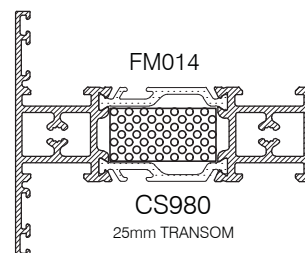
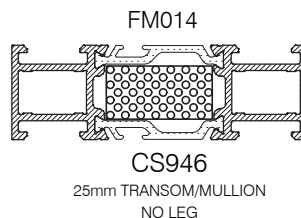
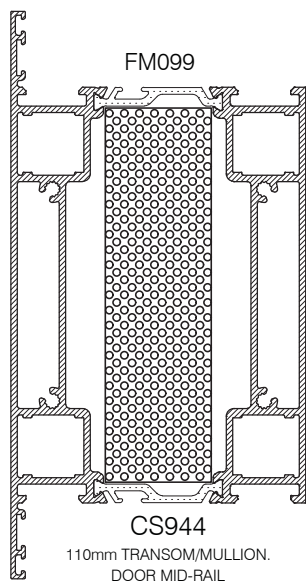
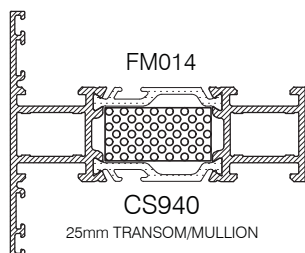
Glazing beads and gaskets allow for all major glazing options up to 60mm.



SYSTEM	PAGE No.'s	PAGE SUB TITLE
01 RD	- 2.01 - 2.02	ELEVATION DETAILS
02 RD	- 2.03 - 2.13	THRESHOLD DETAILS
03 RD	- 2.14 - 2.19	HEAD DETAILS
04 RD	- 2.20 - 2.37	JAMB DETAILS
05 RD	- 2.38 - 2.39	TRANSOM DETAILS







GK948



EXTERNAL SEAL

GK049



OUTER SEAL

GK054



EURO GROOVE
FILLER

GK422



2mm ARROW HEAD GASKET
BLACK STRIP

GK425



5mm ARROW HEAD GASKET
BLUE STRIP

GK841



WEATHER
SEAL GASKET

GK906



6mm
GLAZING WEDGE

GK908



8mm
GLAZING WEDGE

GK910



10mm
GLAZING WEDGE

GK937



MULLION
JOINT SEAL

GK940



CENTRE SEAL

GK941



WEATHER SEAL

WS901XSFL

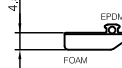
SECURITY GLAZING
CLIP 24mm

GK951



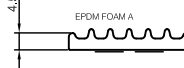
GLAZING SUPPORT

GK5441



WEATHER SEAL THERMAL
GASKET

GK5409



ADHESIVE
4.5 INSULATION GASKET

RIGHT HN901EWHT/BSVR
LEFT HN902EWHT/BSVR

WS902XSFL

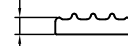
SECURITY GLAZING
CLIP 28mm

GK952



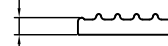
GLAZING SUPPORT

GK9408



20 x 4.5 mm GLASS REBATE
THERMAL FOAM

GK9409



26 x 4.5 mm GLASS REBATE
THERMAL GASKET

WS903XSFL

SECURITY GLAZING
CLIP 32mm

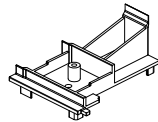
GK953



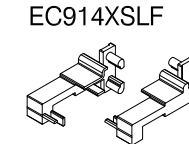
GLAZING SUPPORT



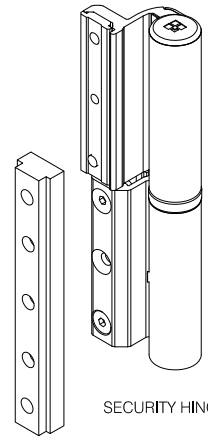
CS842
EURO GROOVE INFILL



END CAP FOR CS913 FLOATING MULLION



END CAP FOR CS914
GASKET CARRIER

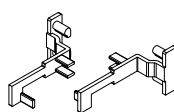


SECURITY HINGE



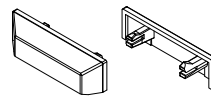
CS920
IN LINE "H" COUPLER

EC924XSFL



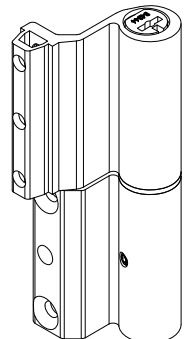
MULLION END CAP

WS023EWHT / WS023DBLK

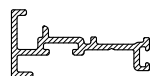


DRAINAGE CAP

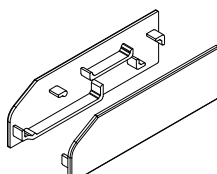
HN850EWHT
HN850BSVR



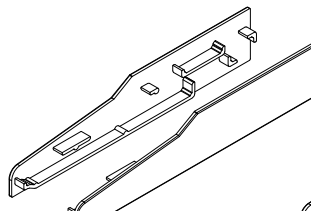
STANDARD HINGE



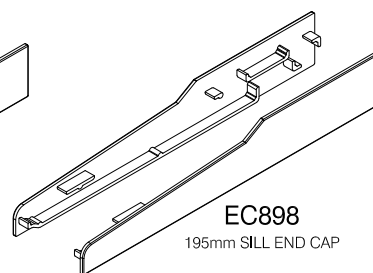
CS914
LOW THRESHOLD
GASKET CARRIER



EC890
95mm SILL END CAP

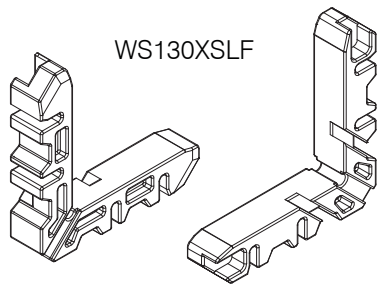


EC894
155mm SILL END CAP

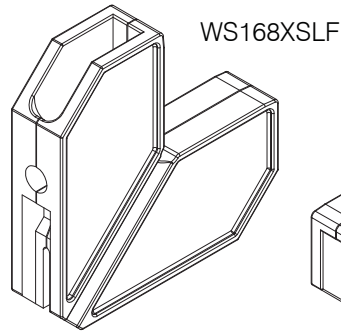


EC898
195mm SILL END CAP





MECHANICAL CLEAT FOR CS905

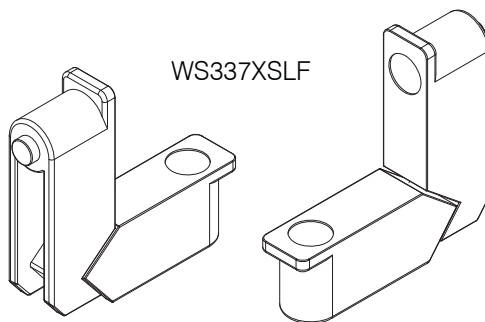


MECHANICAL CLEAT FOR CS953 / CS958

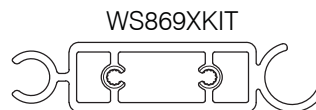
WS092XSFLF



PIN FOR WS130XSFLF

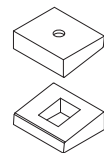


MECHANICAL CLEAT FOR CS933

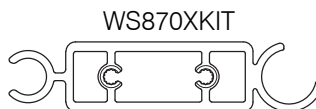


SUB SILL CLEAT (2 x 17.2 / 2 x 11.7)
FOR USE WITH CS890 SUB SILL

WS561XSFLF



ADJUSTABLE
LIFTING WEDGES

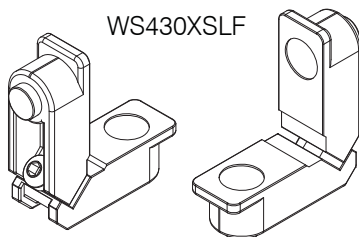


SUB SILL CLEAT (2 x 17.2 / 4 x 11.7)
FOR USE WITH CS894 & CS898 SUB SILL

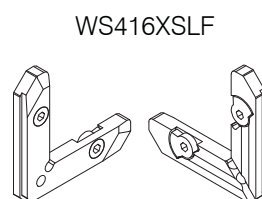
WS099XSFLF



PIN FOR WS168XSFLF

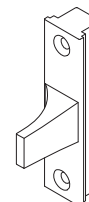


MECHANICAL CLEAT FOR CS931-CS932-CS937-CS938



ALIGNMENT SQUARE
FOR CS953 / CS958

LK810XSFLF



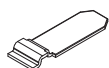
ROYAL CLAW

FX048XSFLF



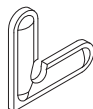
RIVET FOR DRIP

WS916XSFLF



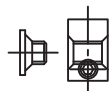
ALIGNMENT FOR
TRANSOM / MULLION

WS015XSFLF



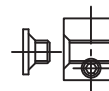
CHEVRON

WS907XKIT



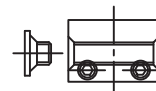
10.5mm CLEAT
(FOR CS940)
1 x M5x10mm GRUB SCREW
1 x M6x7mm CSK SCREW

WS908XKIT



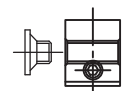
14.5mm CLEAT
(FOR CS942)
1 x M5x10mm GRUB SCREW
1 x M6x7mm CSK SCREW

WS909XKIT



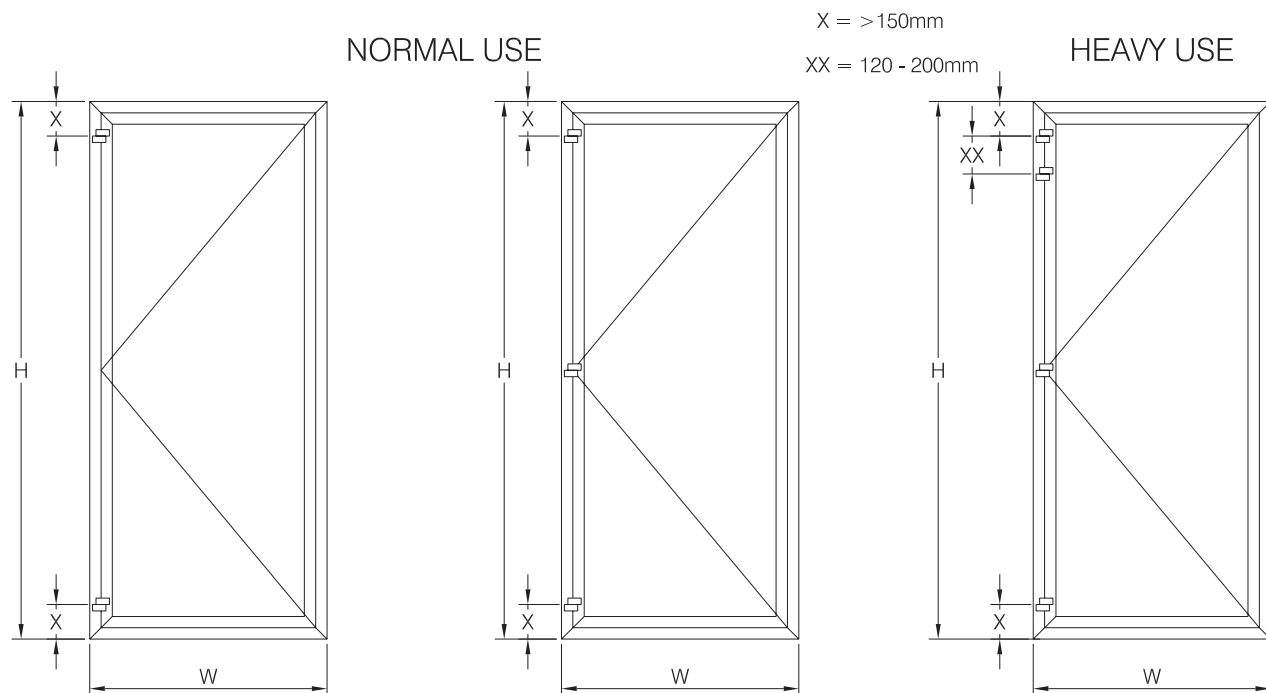
24mm CLEAT
(FOR CS943)
2 x M5x10mm GRUB SCREW
1 x M6x7mm CSK SCREW

WS918XKIT



14.5mm CLEAT
(FOR CS941, CS944, CS945)
1 x M5x10mm GRUB SCREW
1 x M6x7mm CSK SCREW





WITH TWO HINGES FITTED
MAX DOOR SIZE (W x H)
1100 x 2200
MAX WEIGHT 70Kgs
NORMAL USE ONLY

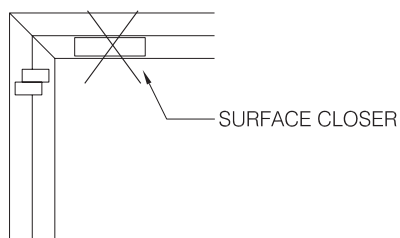
WITH THREE HINGES FITTED
MAX DOOR SIZE (W x H)
1100 x 2400
MAX WEIGHT 90Kgs
NORMAL TO HEAVY USE

WITH FOUR HINGES FITTED
MAX DOOR SIZE (W x H)
1100 x 2400
MAX WEIGHT 90Kgs
HEAVY USE ONLY

IMPORTANT NOTE:
DOUBLE DOORSETS ARE NOT SUITABLE FOR PANIC EXIT HARDWARE
WHERE BOTH DOORS MUST OPEN AT THE SAME TIME.

Doors should not exceed an area
of 2.2m². For safety Comar do not
recommend sizes exceeding limits
(2.4m high or 1.1m width)

NORMAL USE



APPLICATIONS:

DOMESTIC - SINGLE HOUSEHOLD
BUILDINGS WITHOUT PUBLIC ACCESS
DOORS NOT USING A SURFACE CLOSER

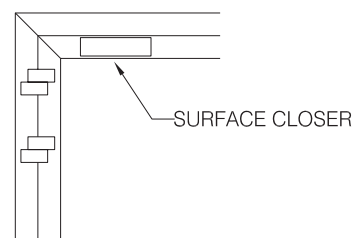
STANDARD HINGE:
HN850EWHT/HN850BSVR

SECURITY HINGE:
RIGHT HN901EWHT/HN901BSVR
LEFT HN902EWHT/HN902BSVR

FINGER TRAP HINGE
HN903EWHT/HN903BSVR

FOR DOOR LEAF >2100
MULTIPLY LOCKING
POINTS ARE RECOMMENDED

HEAVY USE



APPLICATIONS:

DOMESTIC - MULTIPLE HOUSEHOLDS
BUILDINGS WITH PUBLIC ACCESS
DOORS USING A SURFACE CLOSER



comar
ARCHITECTURAL ALUMINIUM SYSTEMS



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SCALE	NTS	@ A4
DATE	07-11-2011	
DRAWN	OP / APW	
DRG. No.	C9 Pi-PF-RD 1.06 R1	

SINGLE LEAF 1 PIECE NO SHOOTBOLT
1 LATCH 2 HOOKS 2 ROLLERS

LK830XSFL - LOCK - 1870 - 2170	OR	1
LK850XSFL - LOCK - 2170 - 2400		
LK840XSFL - HOOK KEEP		2
LK841XSFL/LK842XSFL - CL KEEP LEFT/RIGHT		1
LK834XSFL/LK834XSFL - ROLLER KEEPS		2
WS561DBLK - WEDGE PAIRS		4

SINGLE LEAF WITH SHOOTBOLT
1 LATCH 2 HOOKS 2 ROLLERS

LK835XSFL - LOCK		1
LK836XSFL - TOP SHOOT EXT+HOOK - 2150 - 2275	OR	1
LK849XSFL - TOP SHOOT EXT+HOOK - 2275 -2490		
LK859XSFL - LOCK EXTENSION 400mm (IF NEEDED)		1
LK837XSFL - BOTTOM SHOOT EXT+HOOK		1
LK841XSFL/LK842XSFL - CL KEEP LEFT / RIGHT		1
LK833XSFL - SHOOT KEEPS		2
LK838XSFL/LK839XSFL - SHOOT KEEP PACKER LEFT/RIGHT		2
LK834XSFL - ROLLER KEEPS		2
LK840XSFL - HOOK KEEPS		2
WS561DBLK - WEDGE PAIRS		4

SLAVE LEAF SHOOTBOLT ONLY
NO LATCH

LK855XSFL - CENTRE		1
LK858XSFL - TOP SHOOT - 2156- 2456	OR	1
LK832XSFL - TOP SHOOT - 1850 - 2156		
LK859XSFL - LOCK EXTENSION 400mm (IF NEEDED)		1
LK857XSFL - BOTTOM SHOOT		1
LK833XSFL - SHOOT KEEPS		2
LK838XSFL/LK839XSFL - SHOOT KEEP PACKER LEFT/RIGHT		2
WS561DBLK - WEDGE PAIRS		4

SECURITY

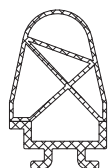
LK091BSVR - SECURITY CYLINDER - OPEN IN	1
LK091BSVRE - SECURITY CYLINDER - OPEN OUT	1
LK810XSFL - SECURITY HINGE BOLT	2 / 3
HN901BSVR/EWHT - HINGE KIT L/H	1
HN902BSVR/EWHT - HINGE KIT R/H	1
HN882EWHT/BSVR - LEVER HANDLE PAIR	1

STANDARD

HN850BSVR/EWHT - STANDARD HINGE PAIR	1	
HN882EWHT/BSVR - LEVER HANDLE PAIR	1	
LK090BSVR - STANDARD CYLINDER	OR	1
LK093BSVR - THUMBTURN CYLINDER		
LK094BSVR - THUMBTURN CYLINDER	OR	1



GK093



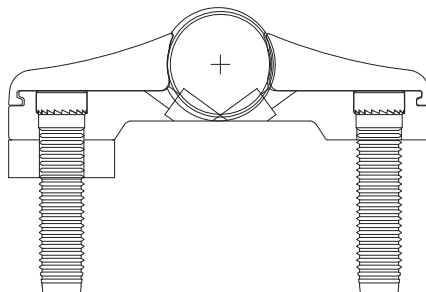
FINGER DOOR GASKET

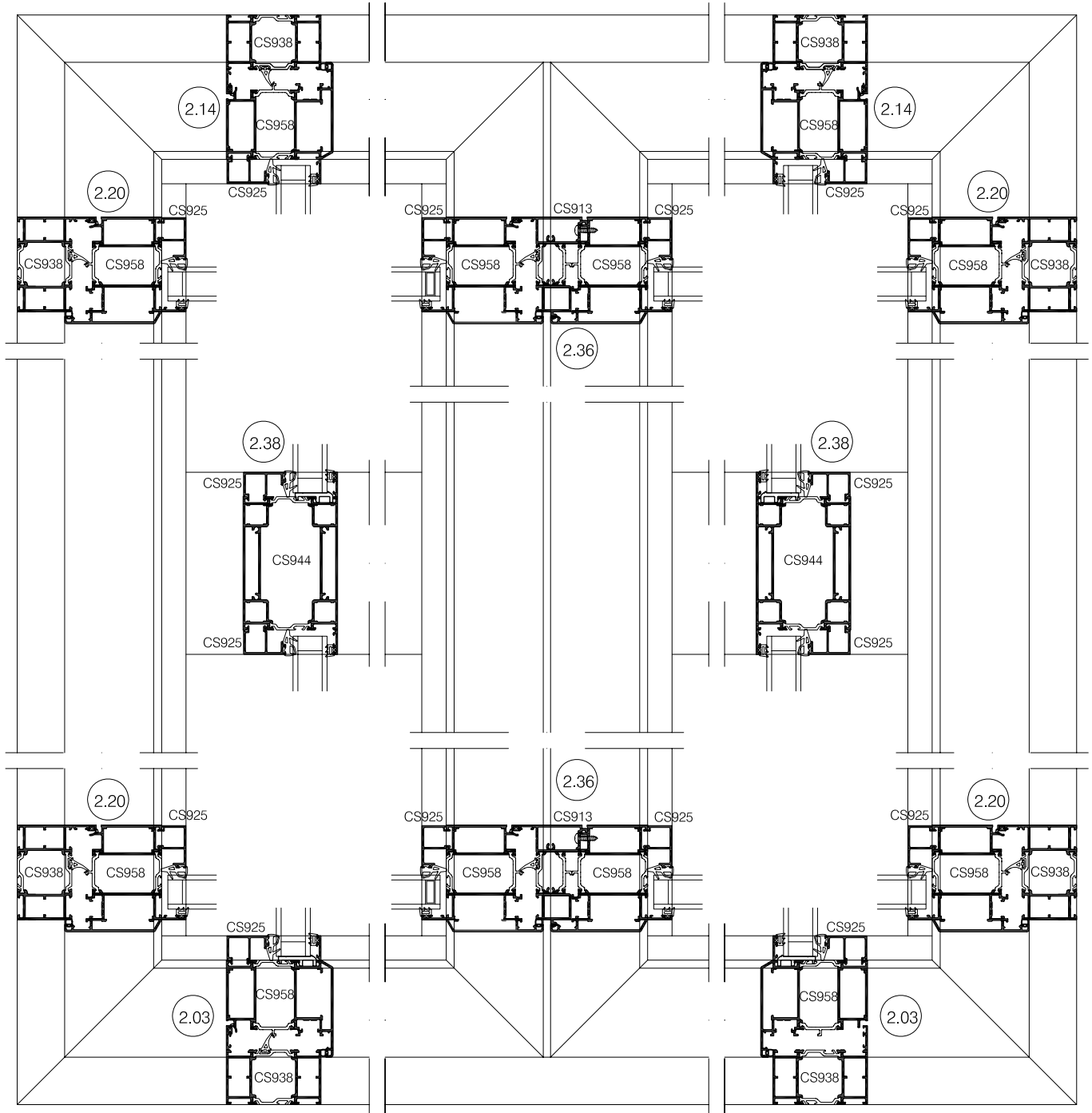
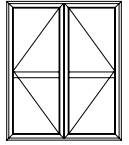
CS916

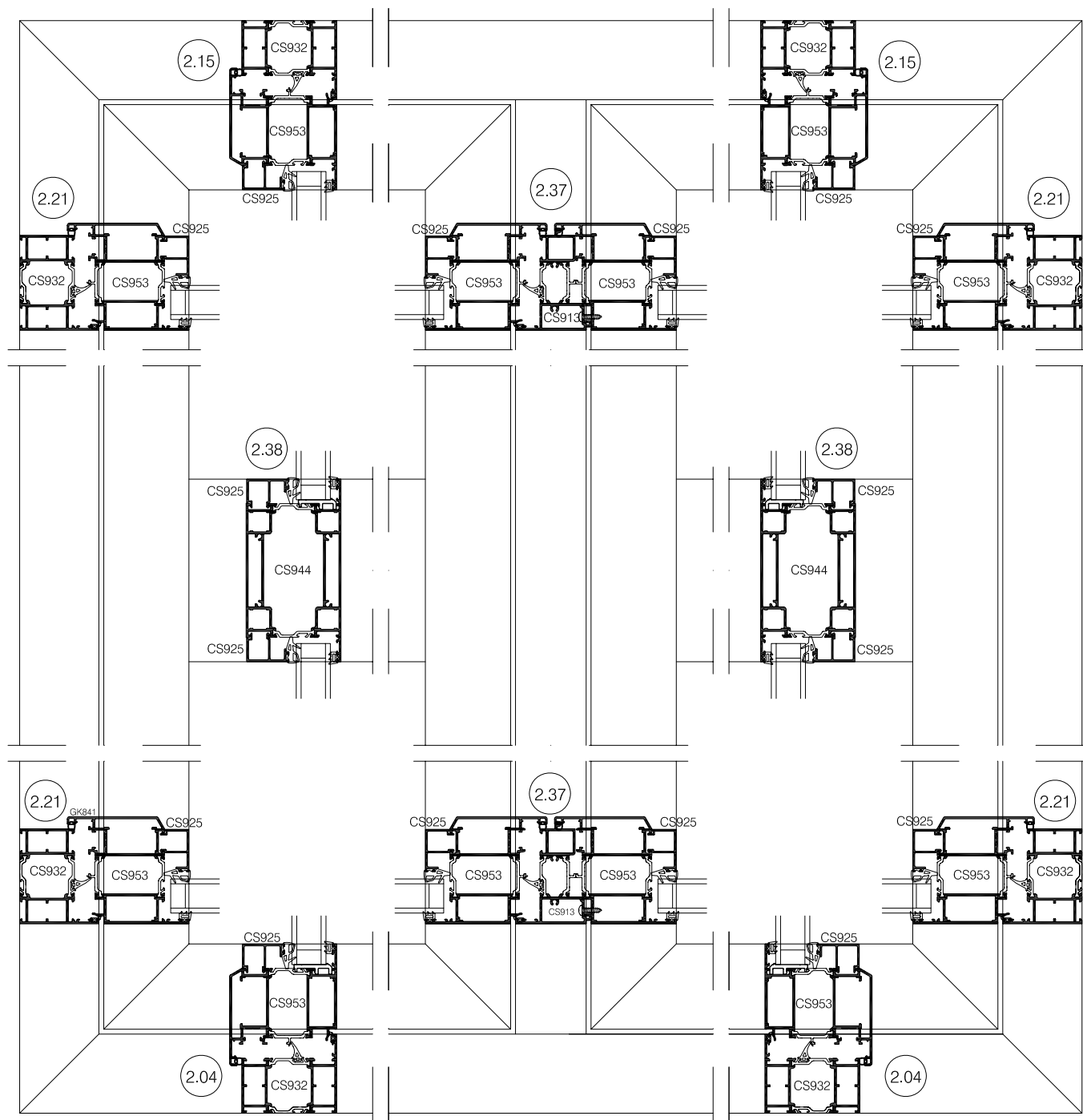
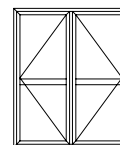


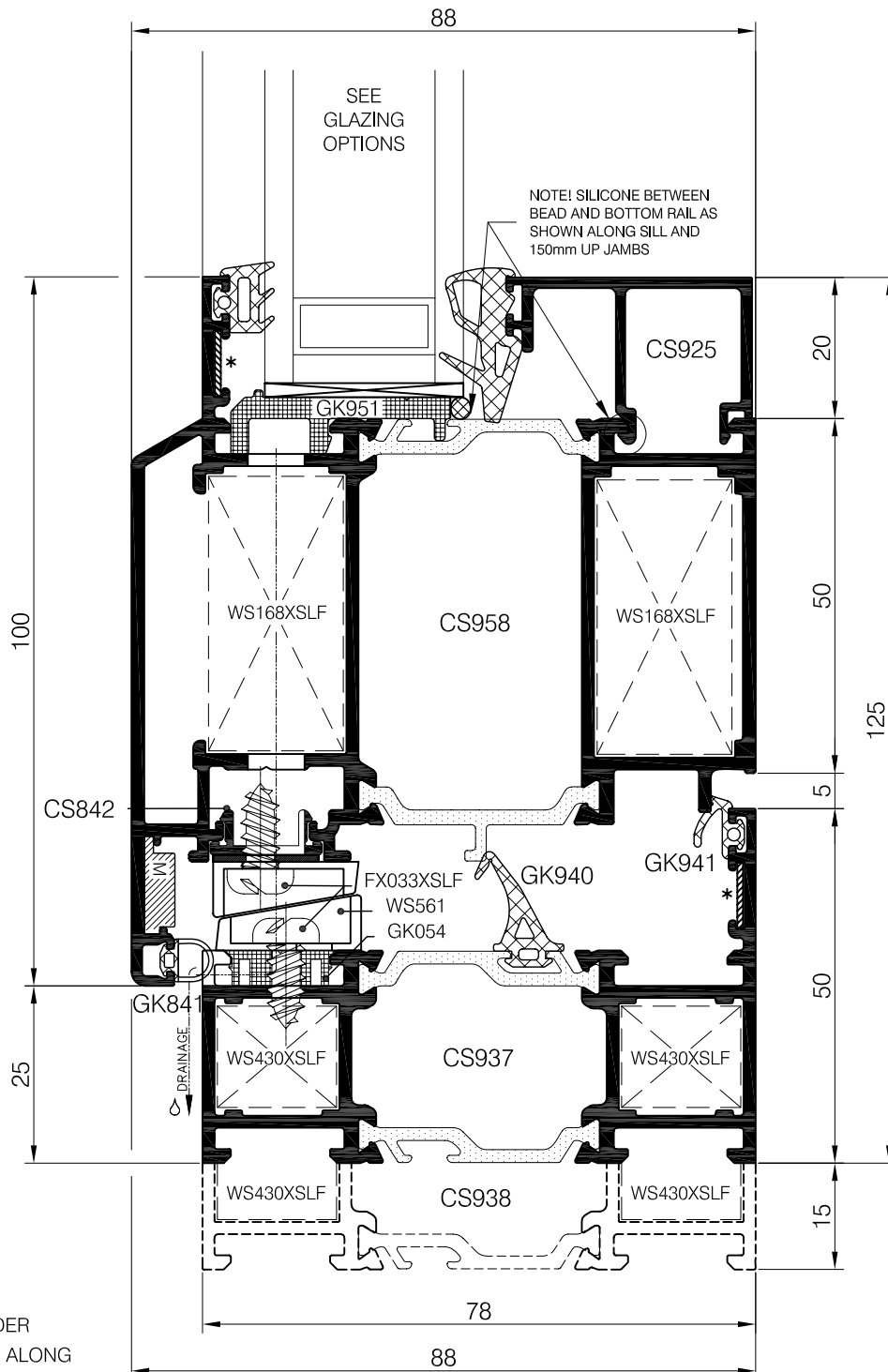
FINGER DOOR ADAPTOR

HINGE HN903 EWHT (WHITE) / BSVR (SILVER)









NOTE:
SILICONE SEAL UNDER
GASKET AS SHOWN ALONG
SILL AND 150mm UP JAMBS.

* DENOTES WS015XSFL CHEVRON
M DENOTES WS416XSFL ALIGNMENT SQUARE



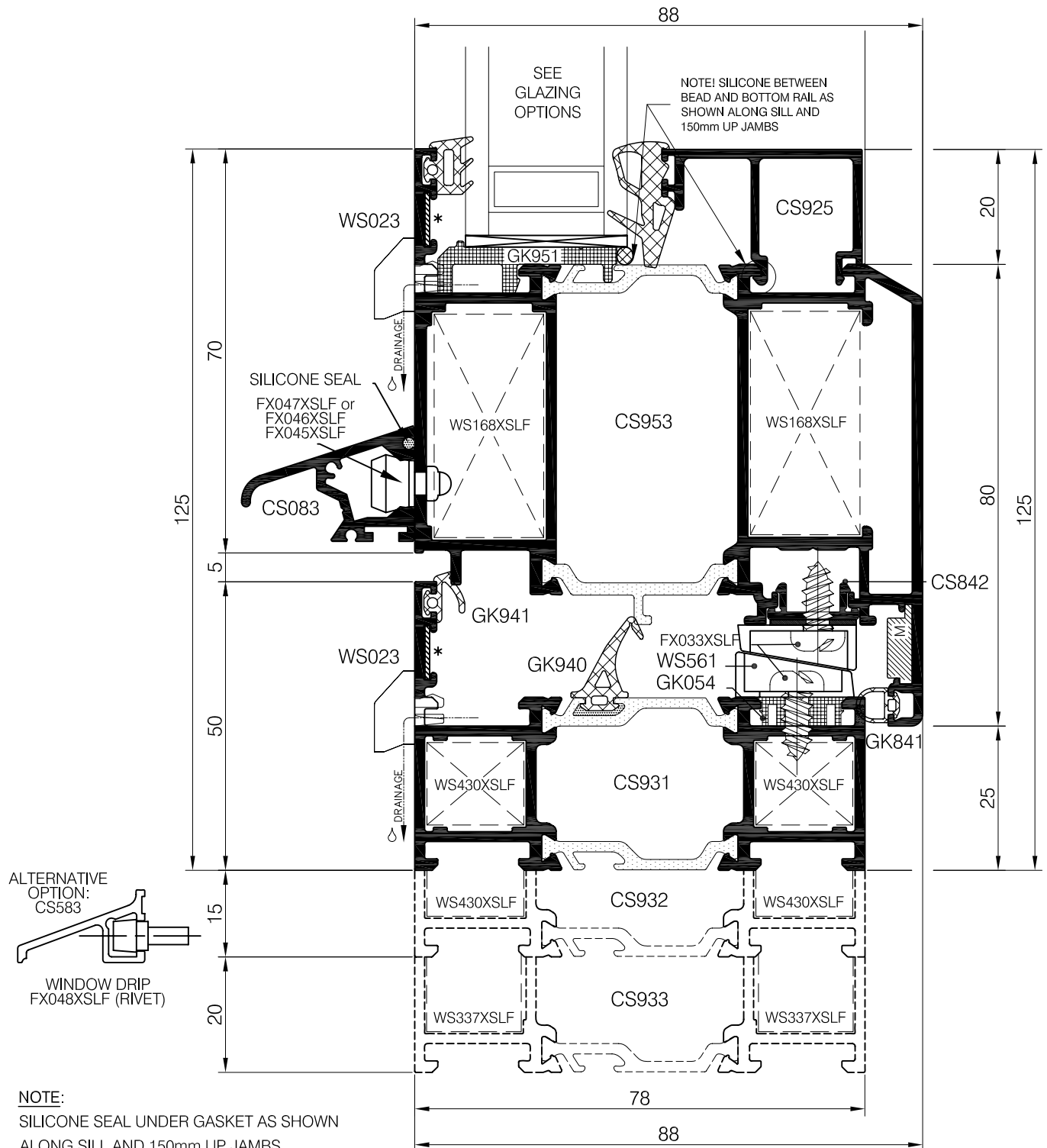
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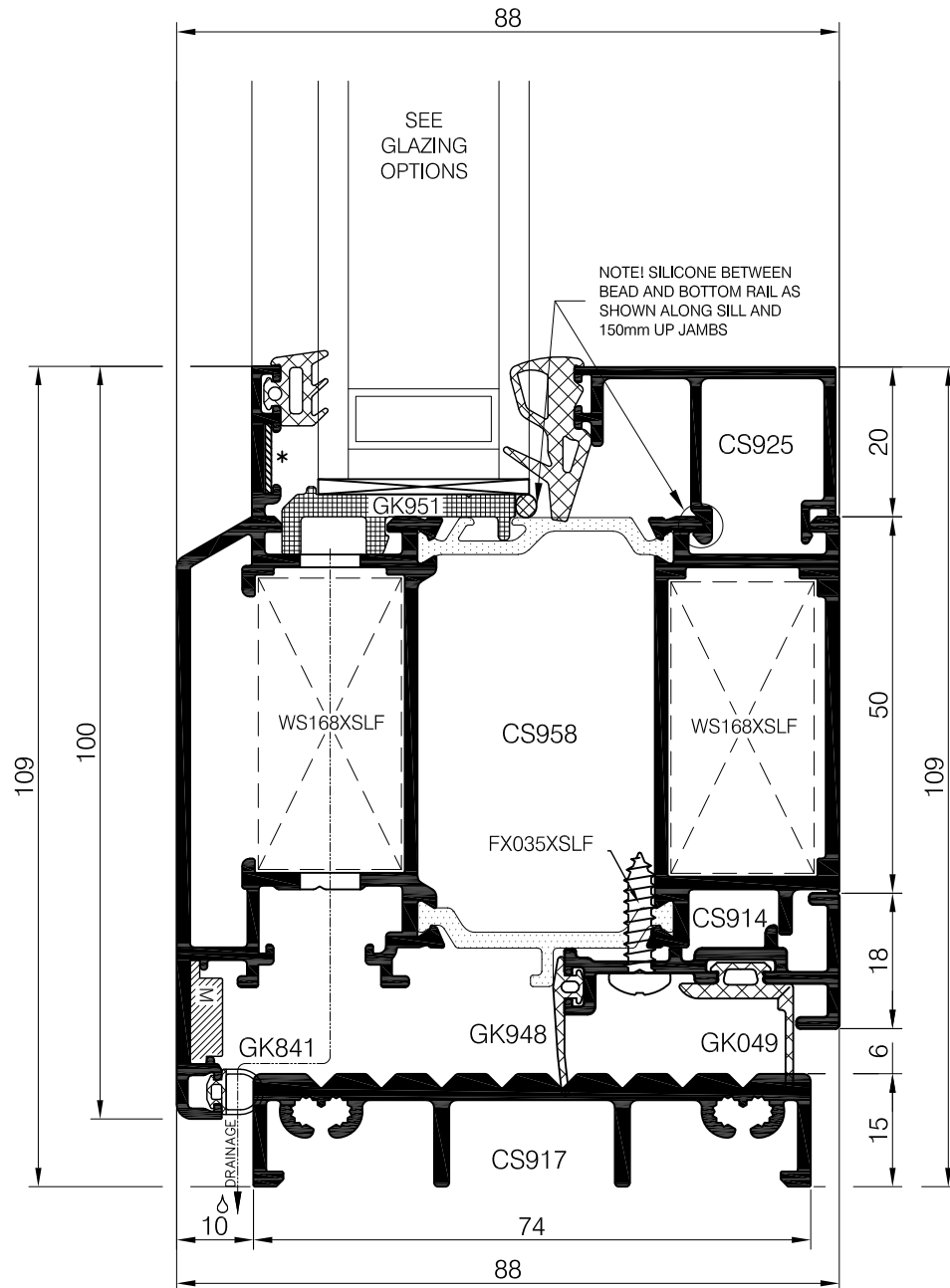


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Web Site: <http://www.comar-alu.co.uk>

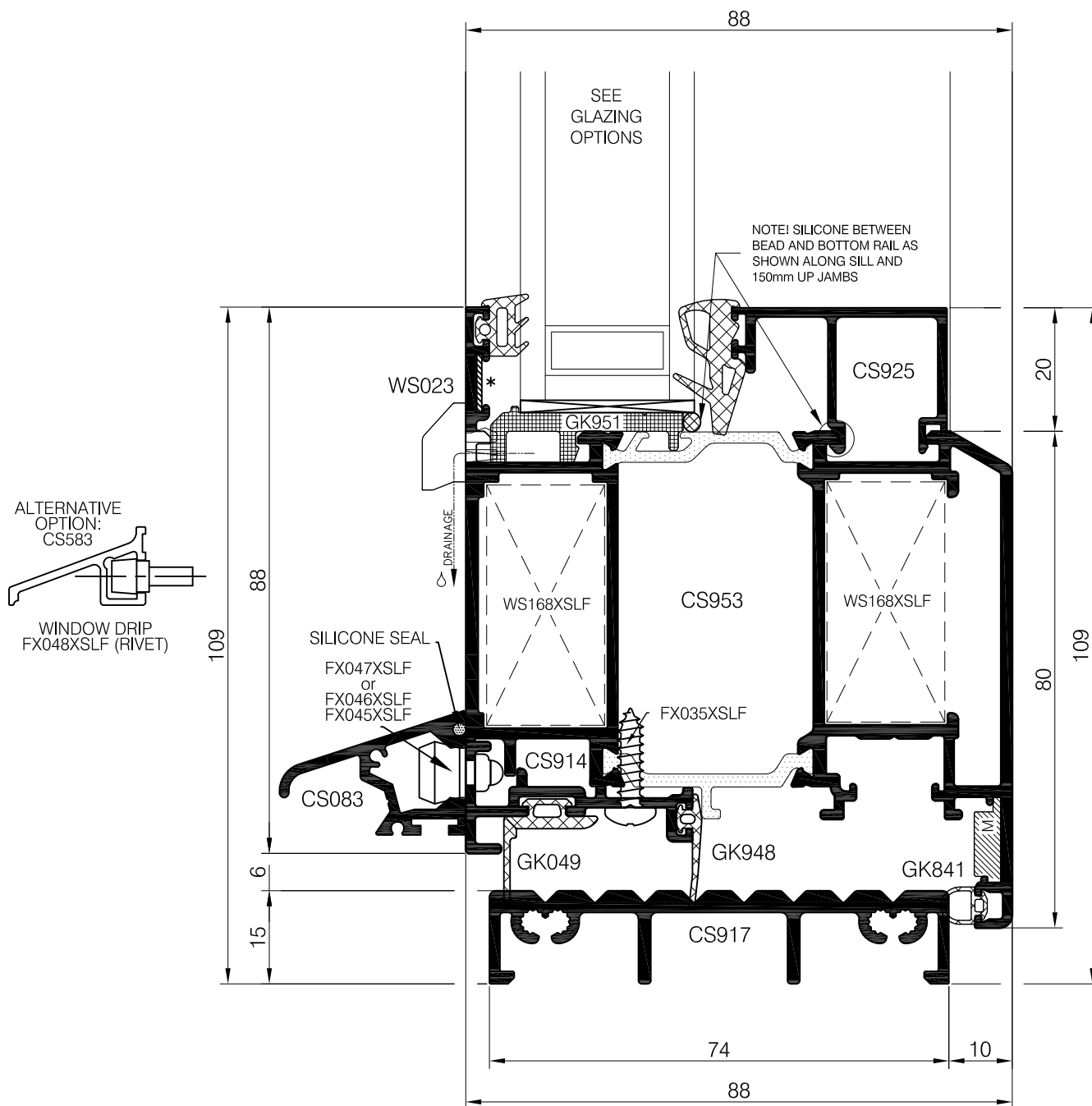
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DRG. No.	C9 Pi-PF-RD 2.03	





* DENOTES WS015XSFL CHEVRON
M DENOTES WS416XSFL ALIGNMENT SQUARE





* DENOTES WS015XSLF CHEVRON
M DENOTES WS416XSLF ALIGNMENT SQUARE



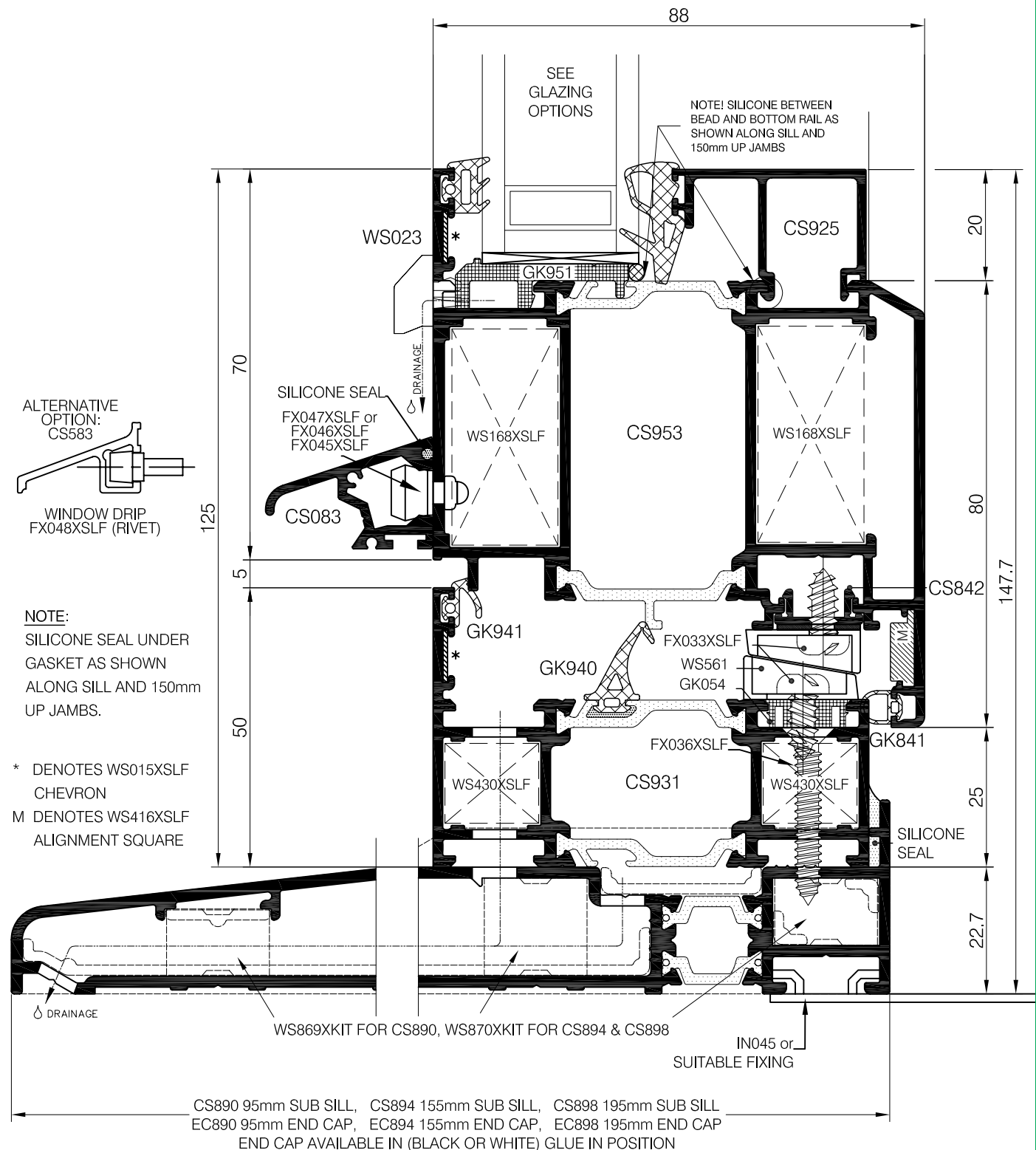
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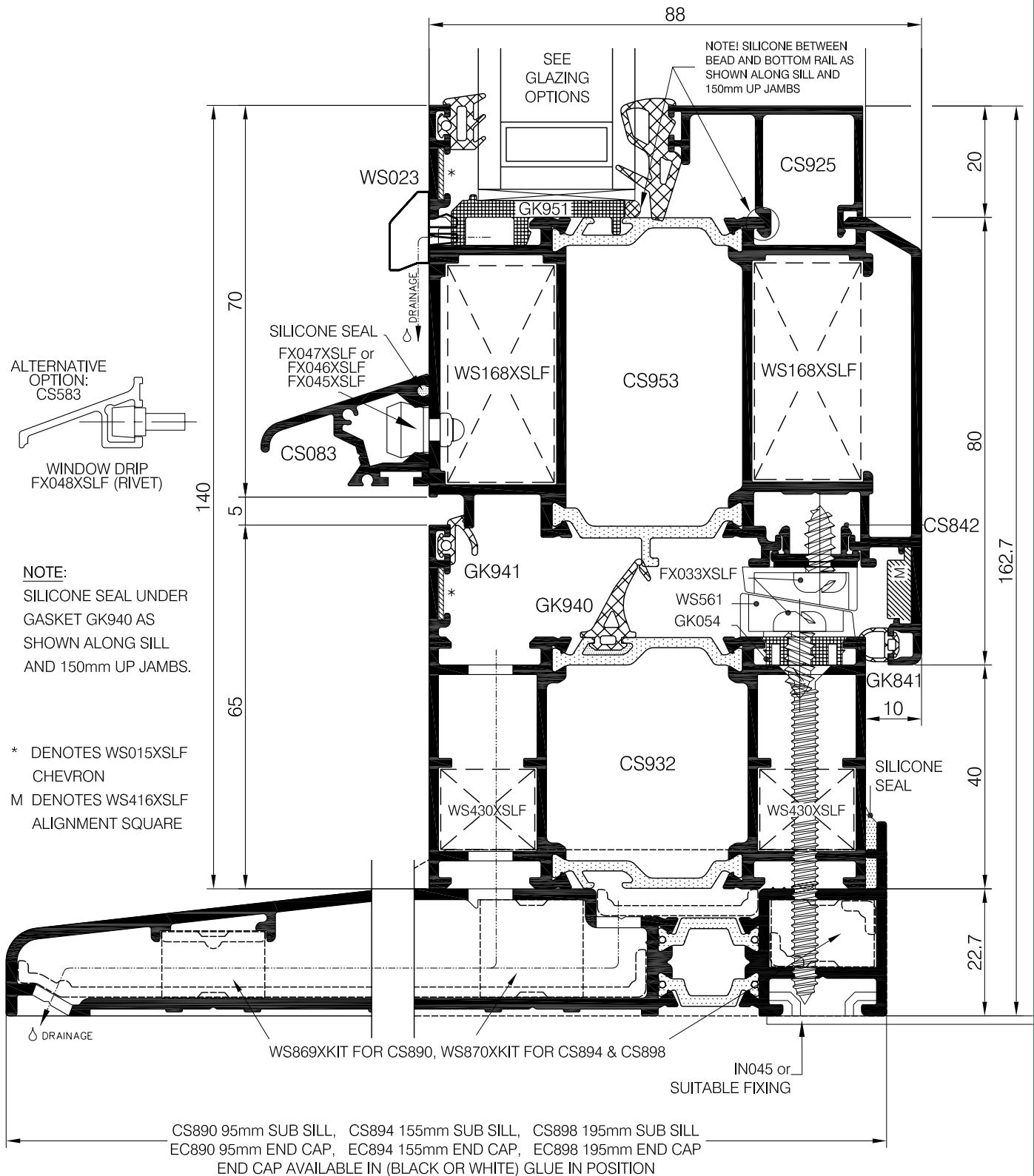


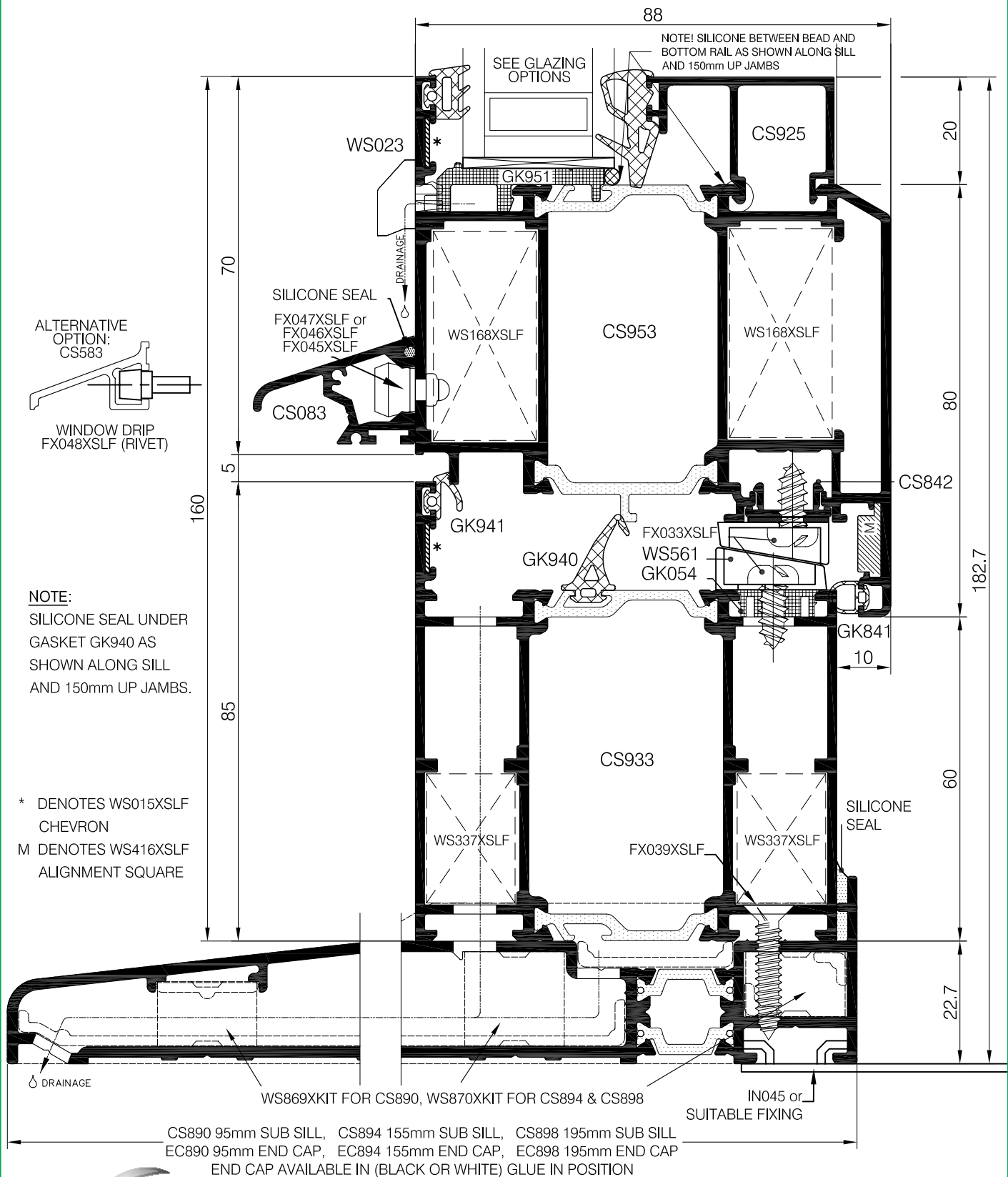
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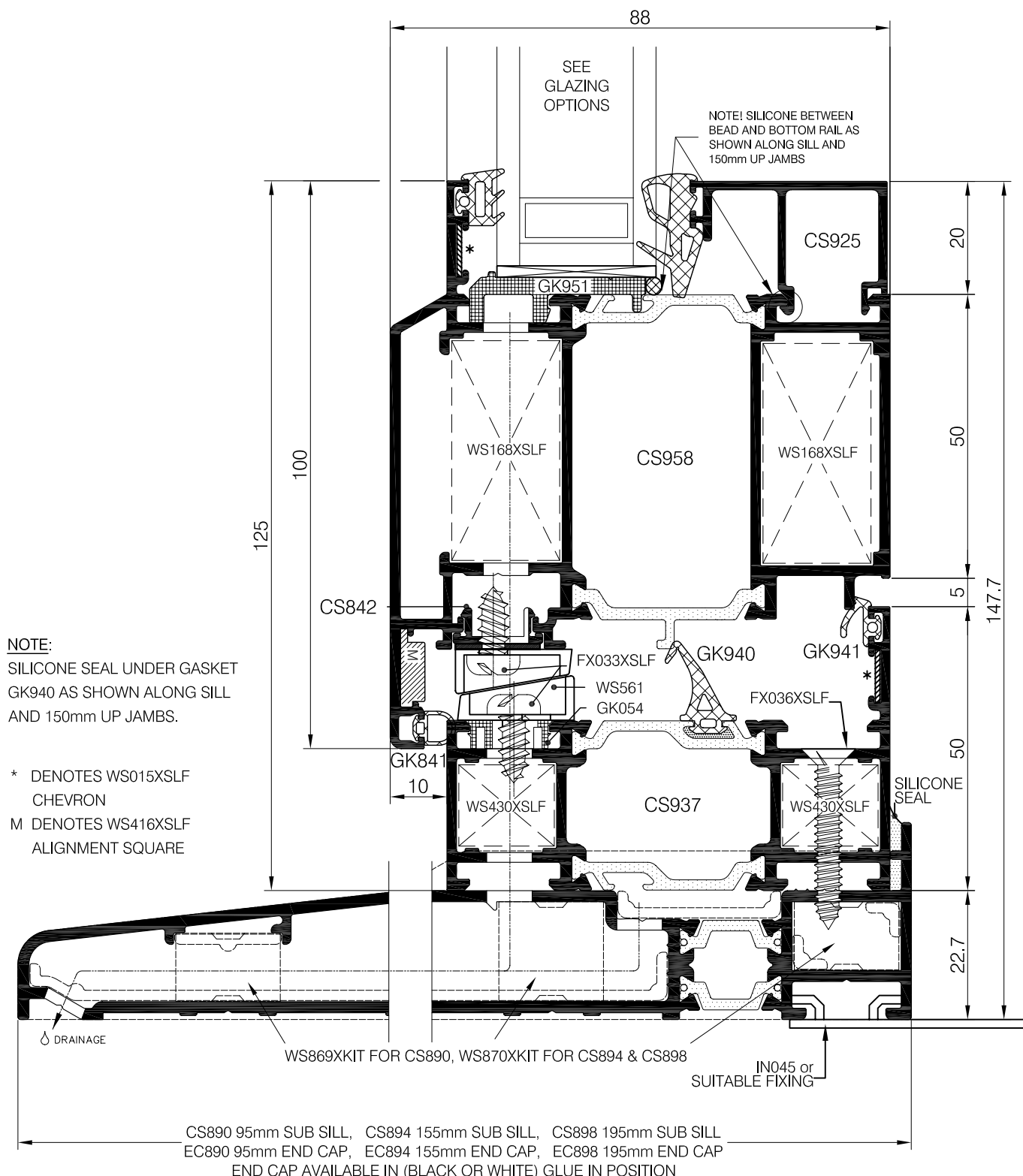
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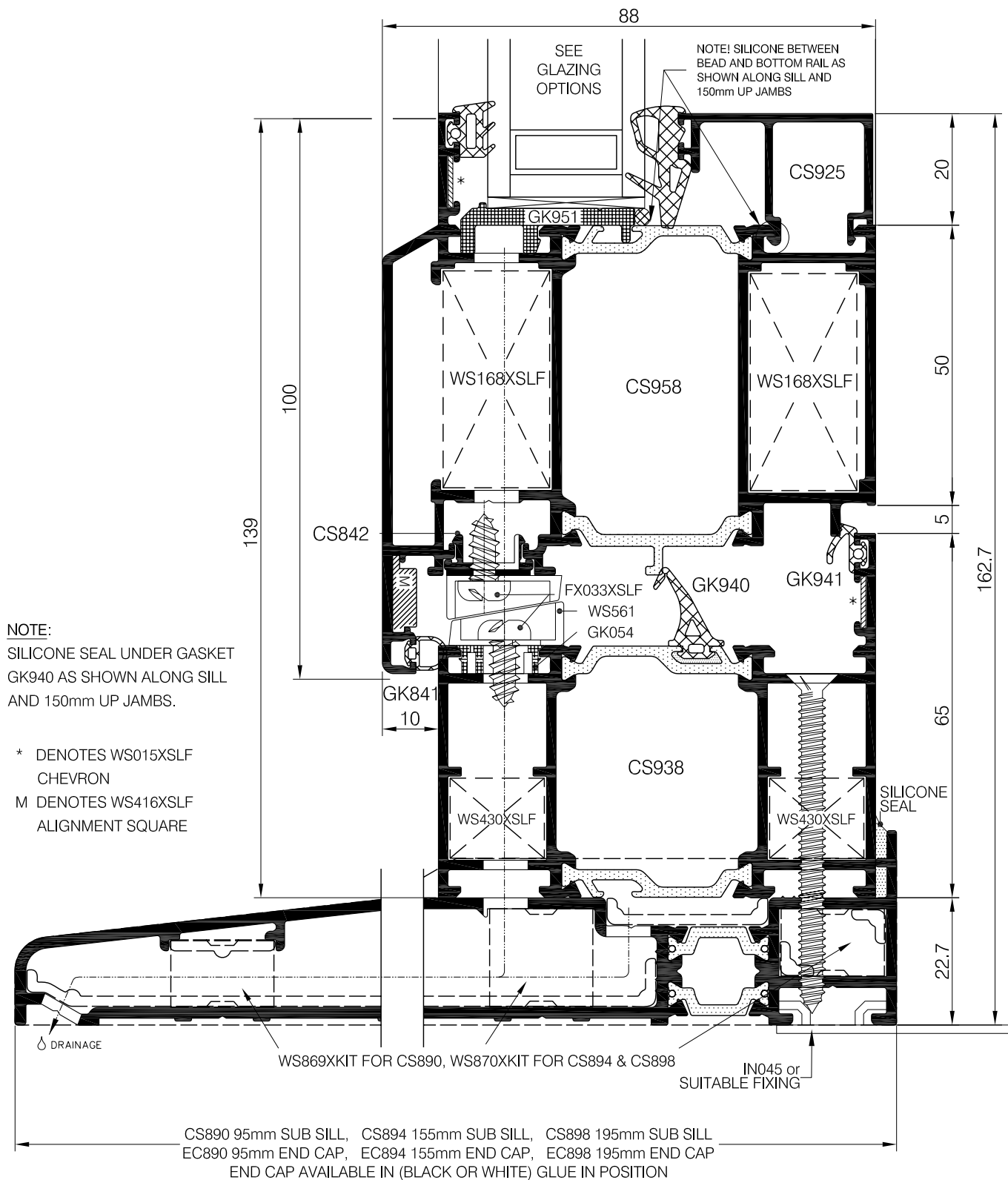
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DRAWN	BB / NRA	
DRG. No.	C9 Pi-PF-RD 2.06 R2	











NOTE:

SILICONE SEAL UNDER GASKET GK940 AS SHOWN ALONG SILL AND 150mm UP JAMBS.

- * DENOTES WS015XSFL CHEVRON
- M DENOTES WS416XSFL ALIGNMENT SQUARE



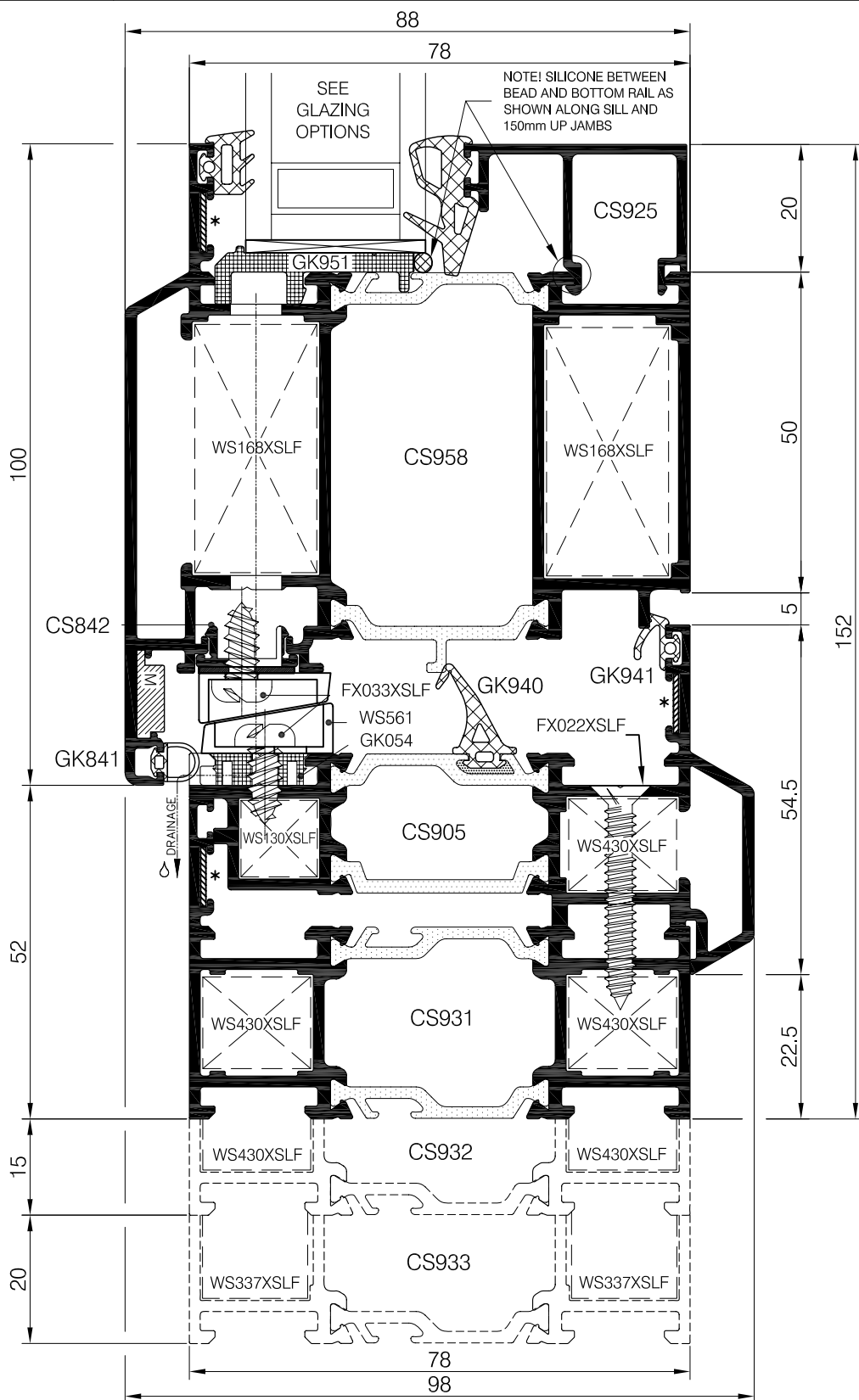
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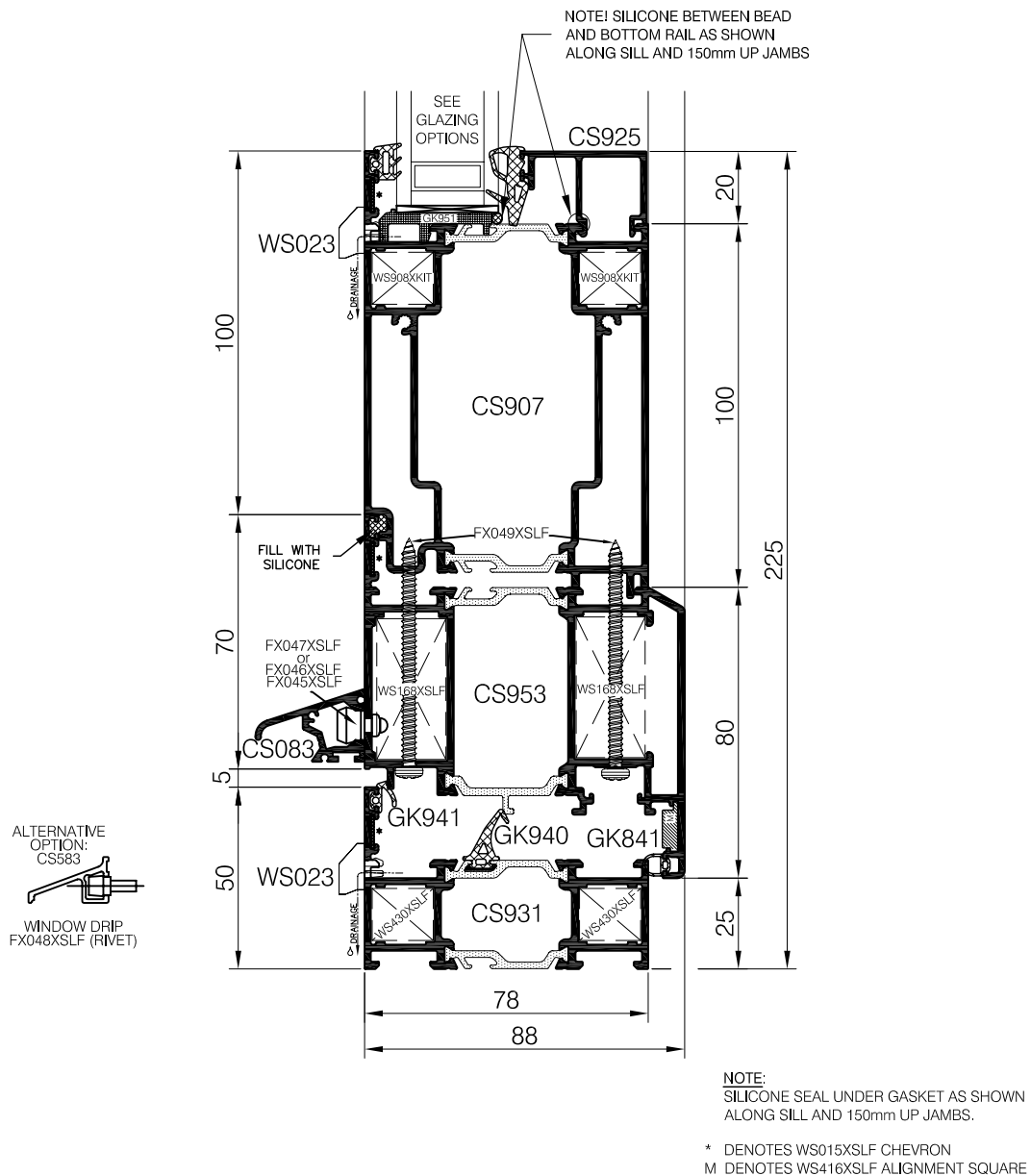
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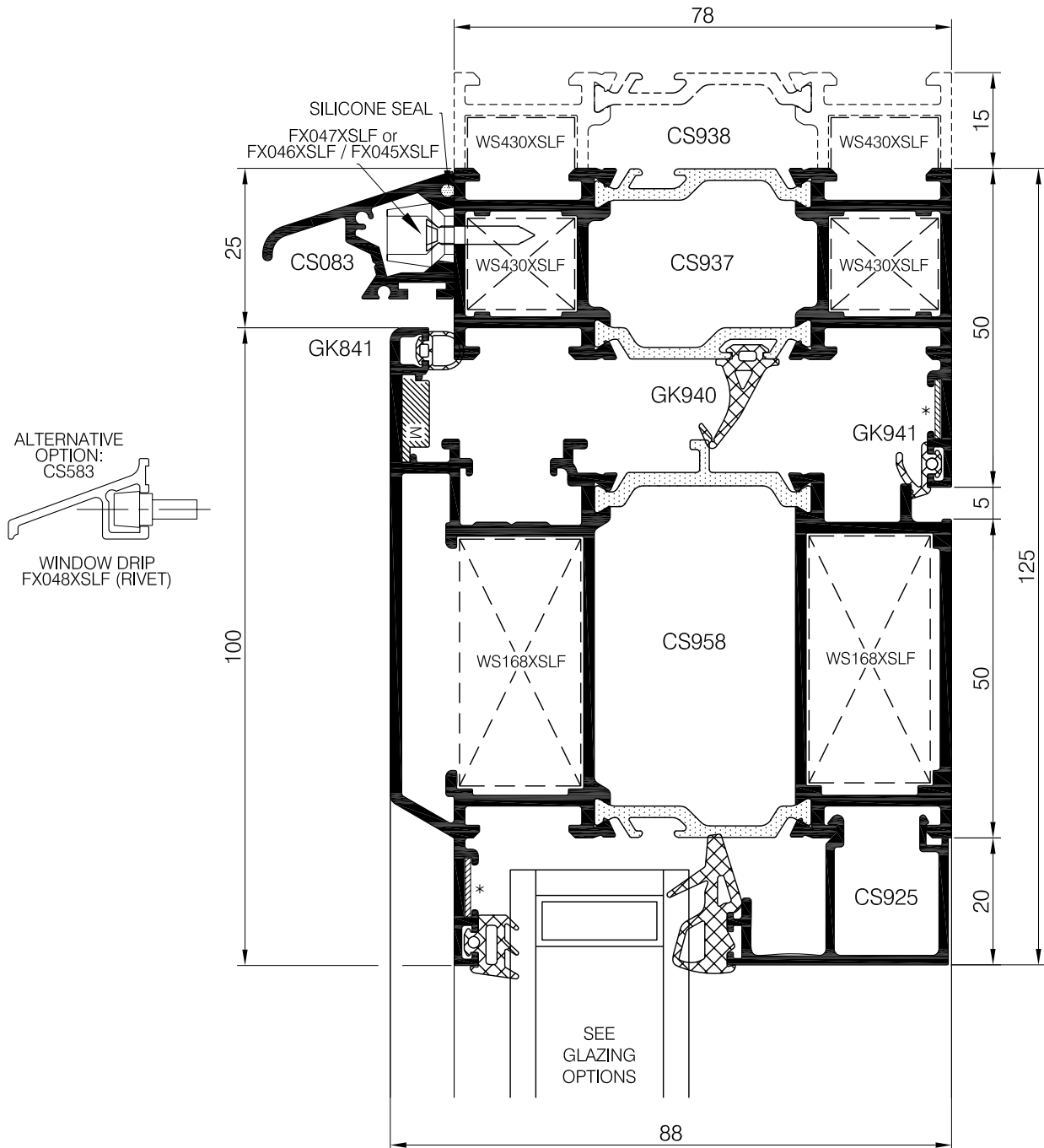


NOTE:
SILICONE SEAL UNDER GASKET
GK940 AS SHOWN ALONG SILL
AND 150mm UP JAMBS.

* DENOTES WS015XSFL
CHEVRON
M DENOTES WS416XSFL
ALIGNMENT SQUARE

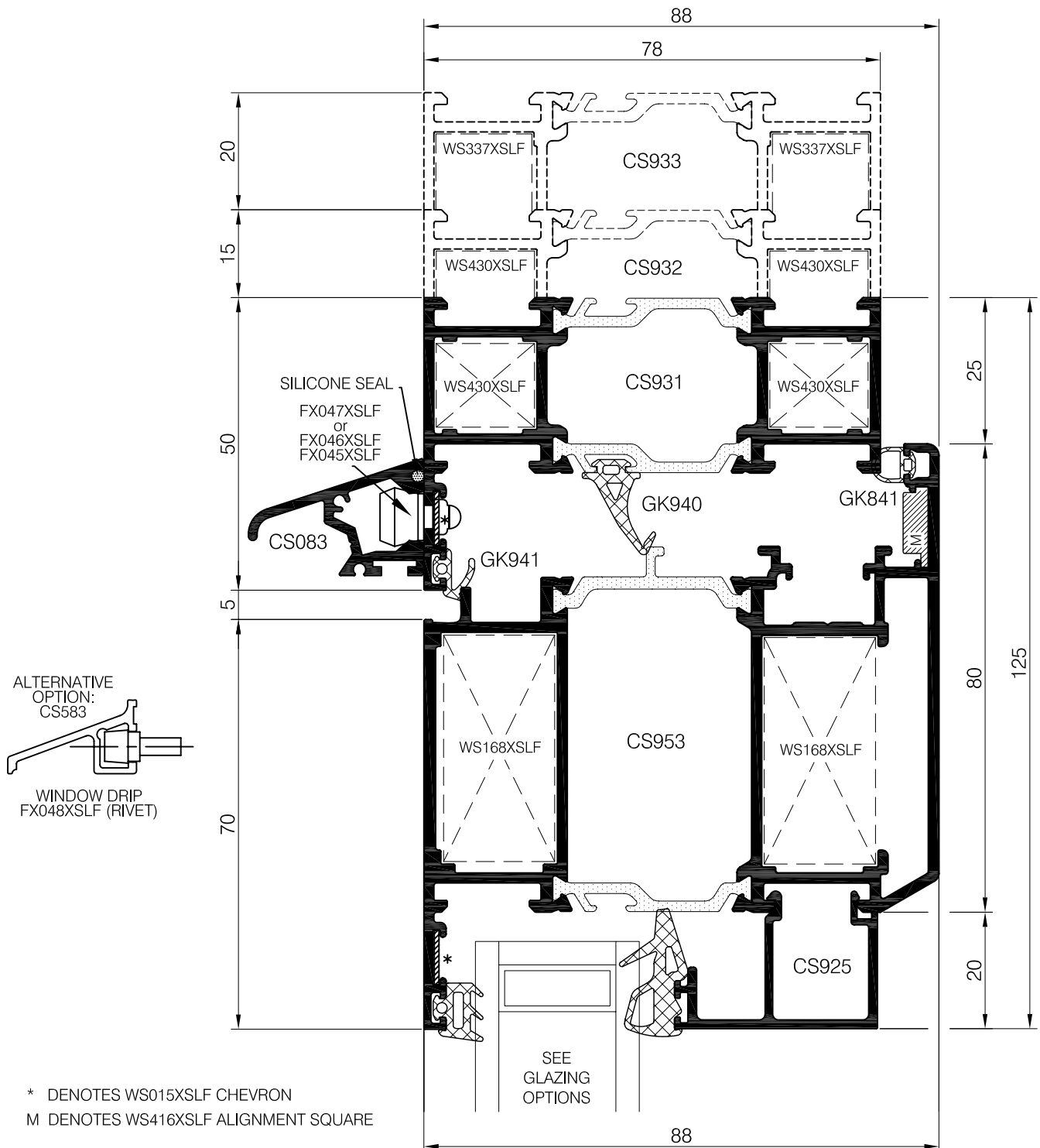
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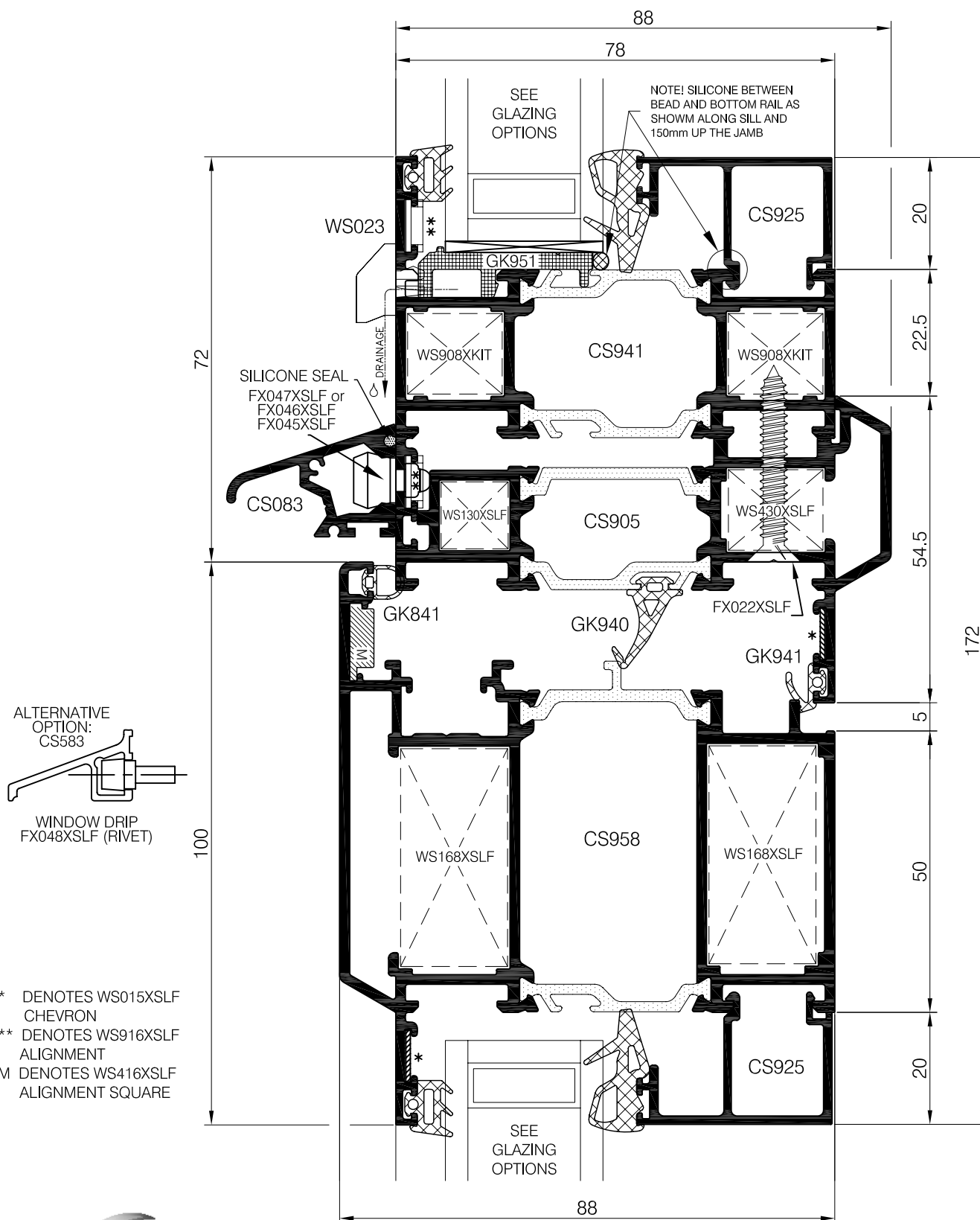




* DENOTES WS015XSFL CHEVRON
M DENOTES WS416XSFL ALIGNMENT SQUARE







* DENOTES WS015XSLF
CHEVRON
** DENOTES WS916XSLF
ALIGNMENT
M DENOTES WS416XSLF
ALIGNMENT SQUARE

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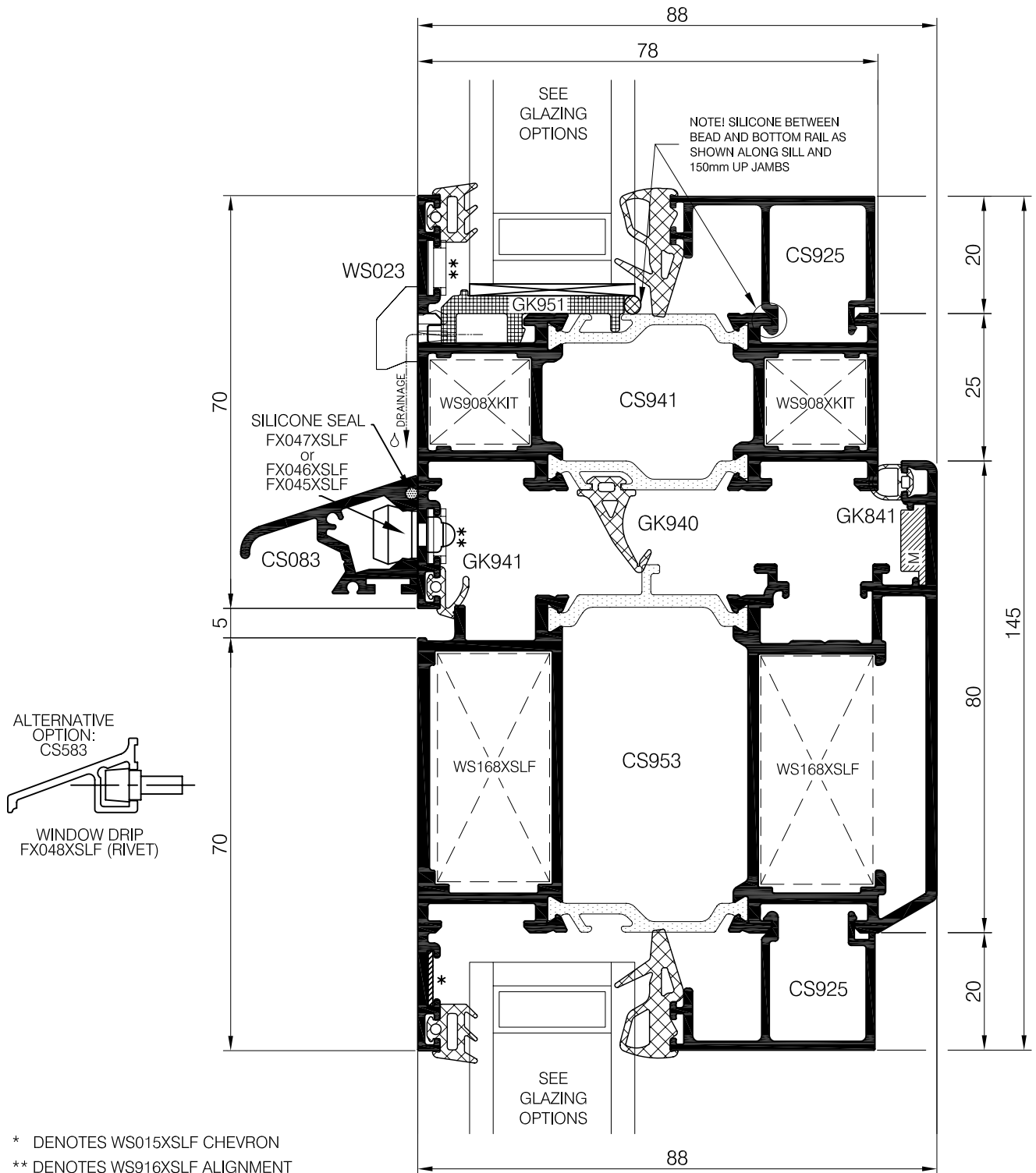


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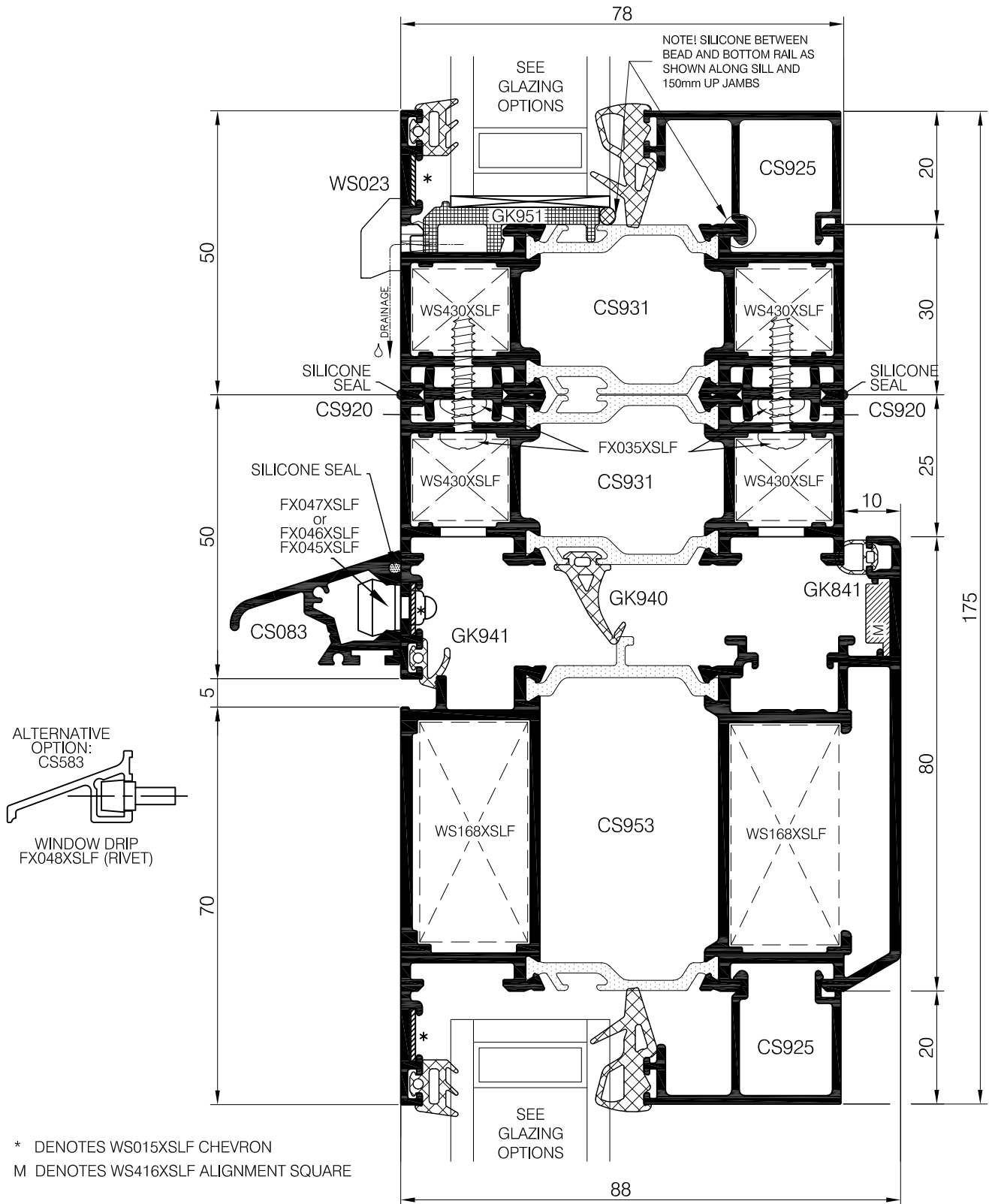
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DATE	10-04-2010
DRAWN	OP / CAD
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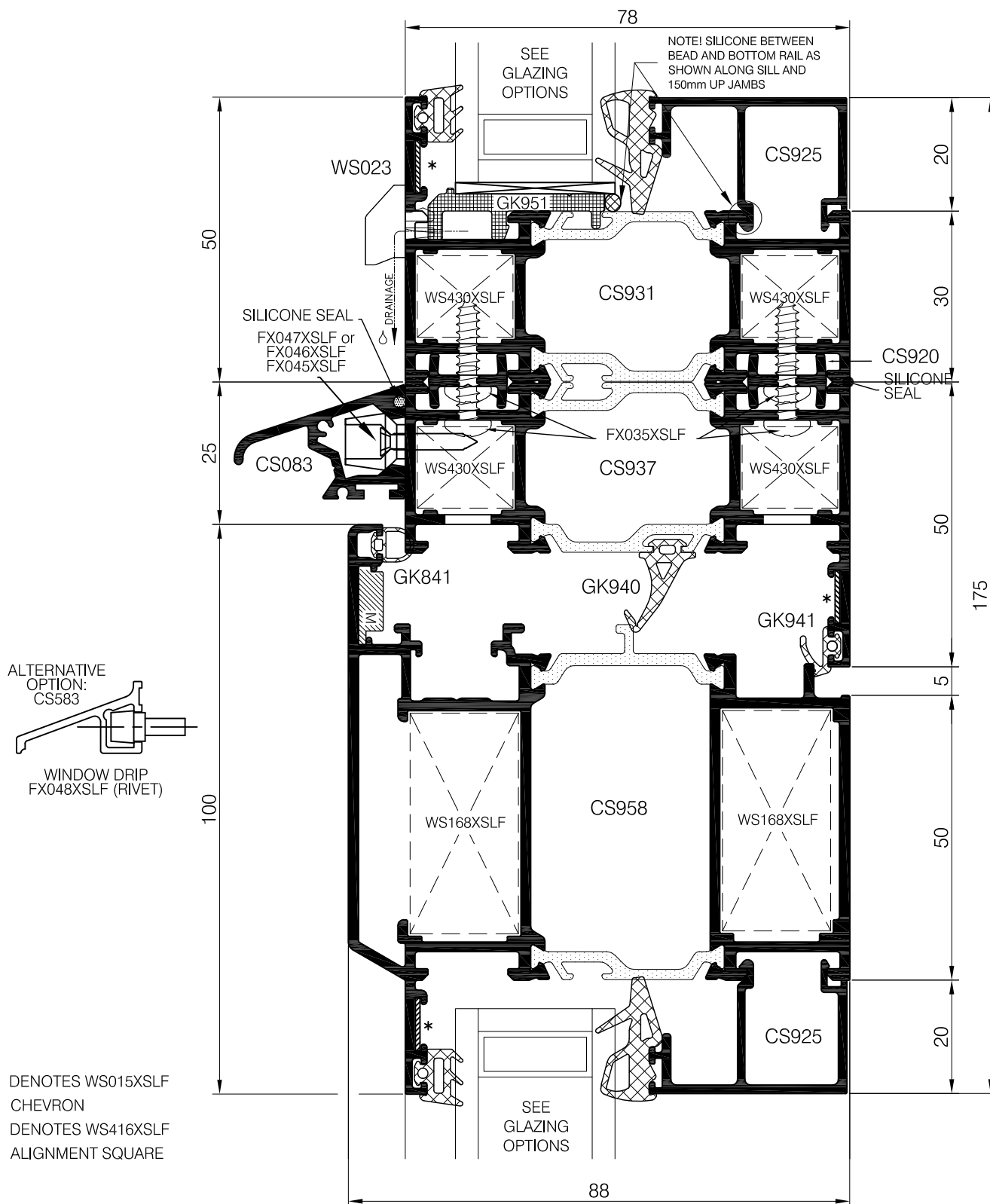


- * DENOTES WS015XSFL CHEVRON
- ** DENOTES WS916XSFL ALIGNMENT
- M DENOTES WS416XSFL ALIGNMENT SQUARE





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CHEVRON
M DENOTES WS416XSLF
ALIGNMENT SQUARE



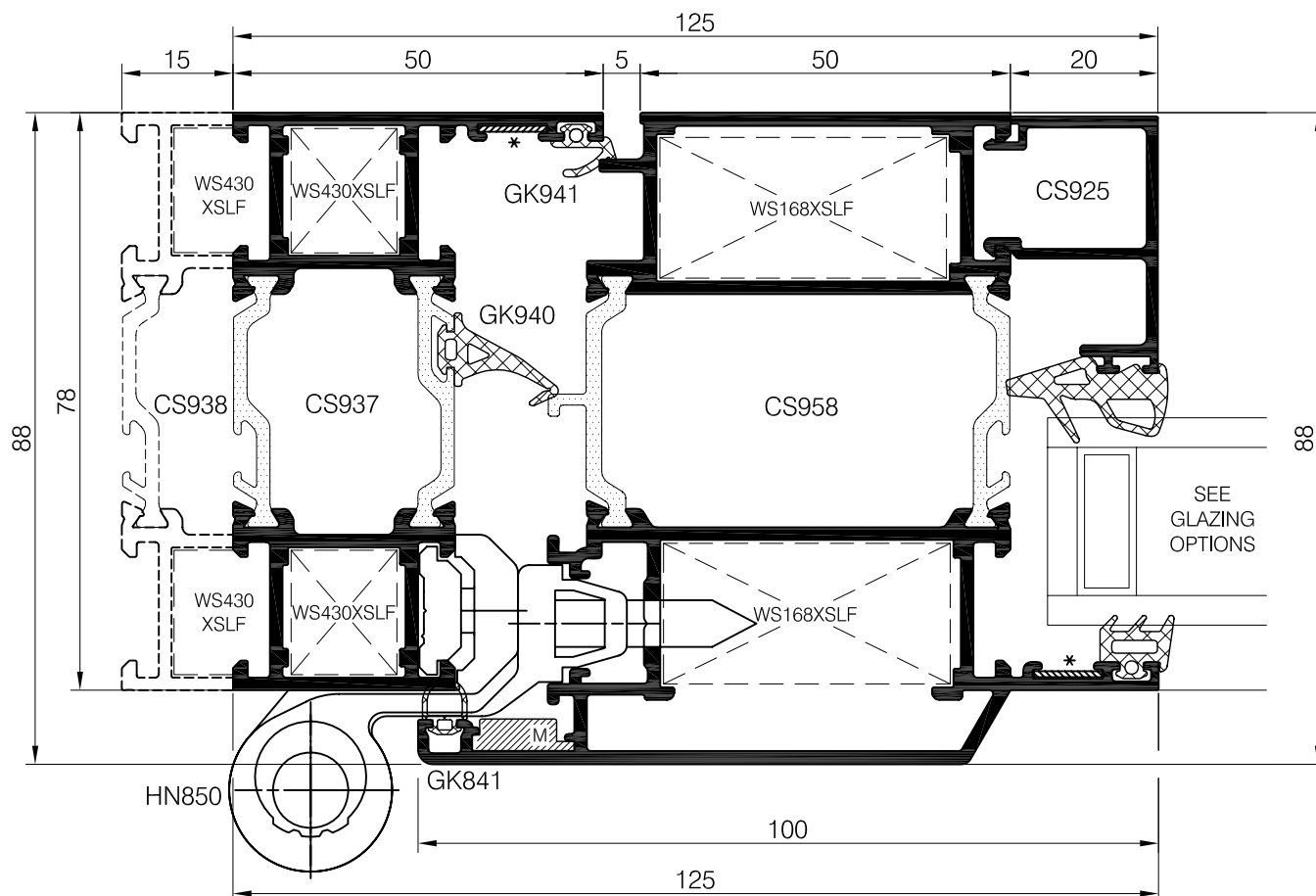
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SCALE	1:1	@ A4
DATE	28-08-2018	
DRAWN	OP / BB	
DRG. No.	C9 Pi-PF-RD 2.19 R1	



NOTE:
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* DENOTES WS015XSLF CHEVRON
M DENOTES WS416XSLF ALIGNMENT SQUARE



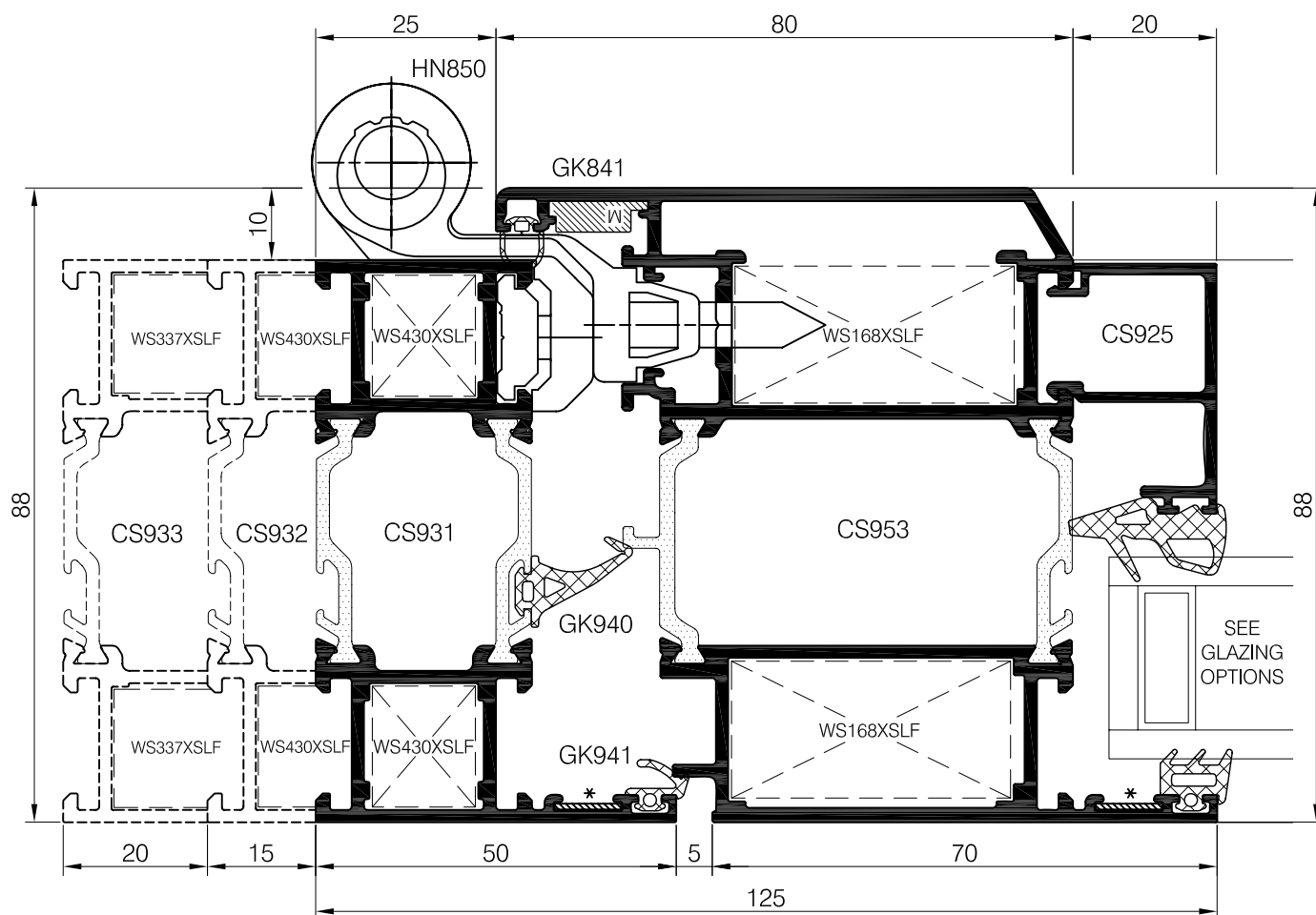
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SCALE	1:1	@ A4
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* DENOTES WS015XSLF CHEVRON
M DENOTES WS416XSLF ALIGNMENT SQUARE



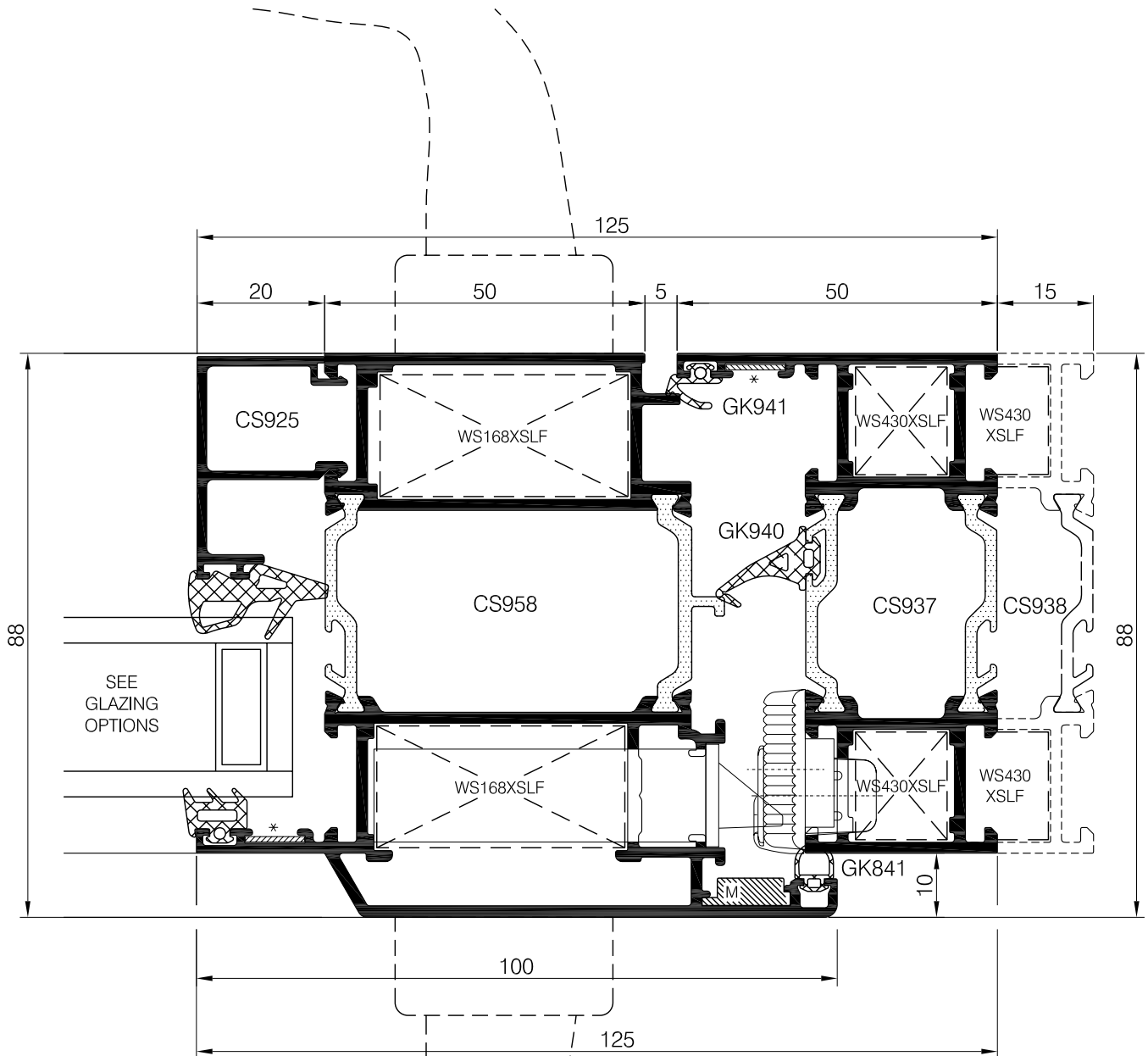
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NOTE:

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* DENOTES WS015XSLF CHEVRON

M DENOTES WS416XSLF ALIGNMENT SQUARE



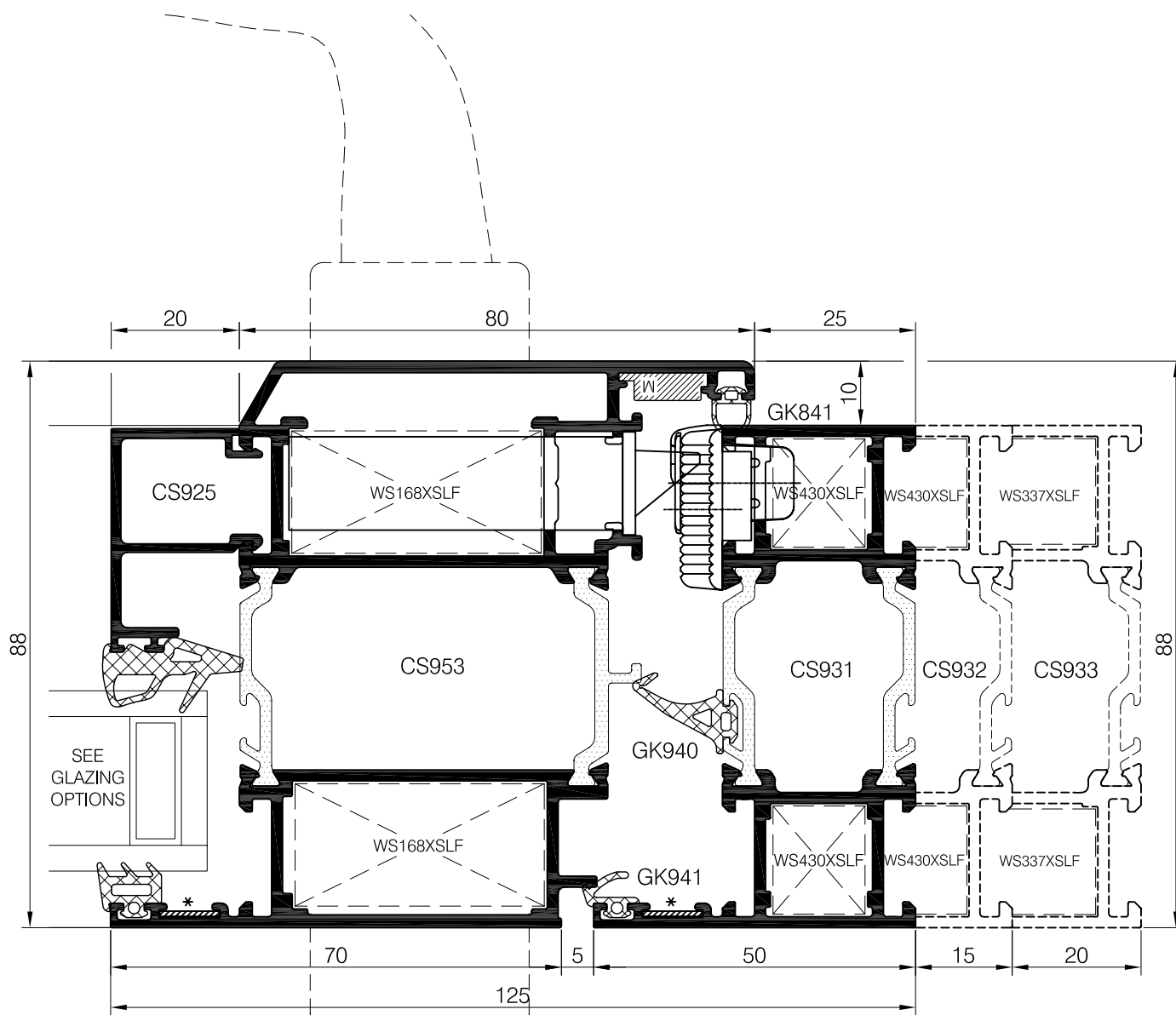
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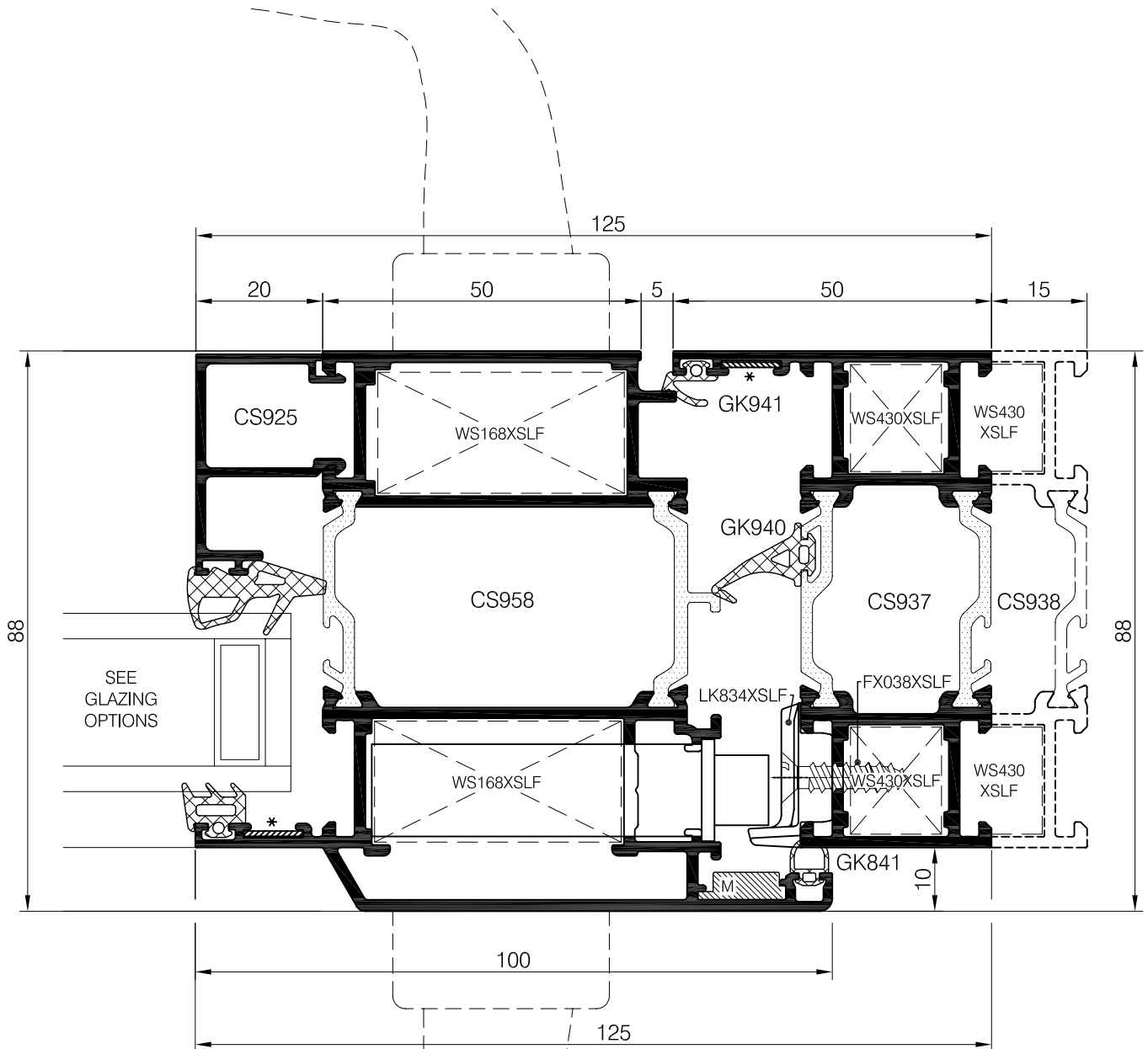
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DATE	10-04-2010	
DRAWN	OP / CAD	
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* DENOTES WS015XSLF CHEVRON
M DENOTES WS416XSLF ALIGNMENT SQUARE





NOTE:

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* DENOTES WS015XSFL CHEVRON

M DENOTES WS416XSFL ALIGNMENT SQUARE



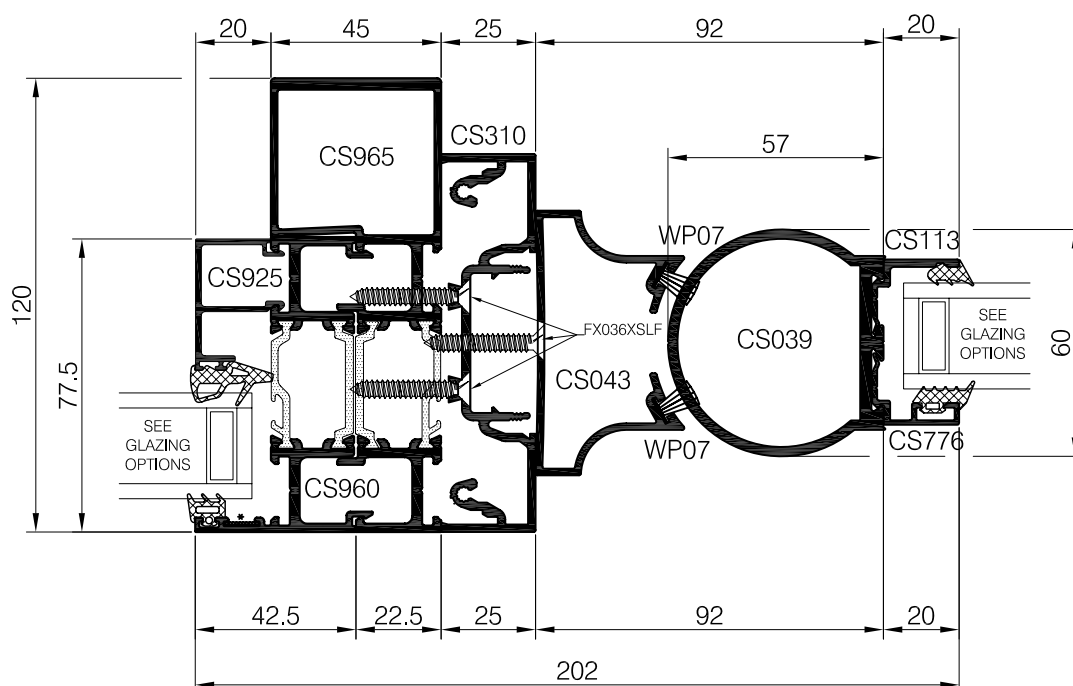
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* DENOTES WS015XSFL CHEVRON



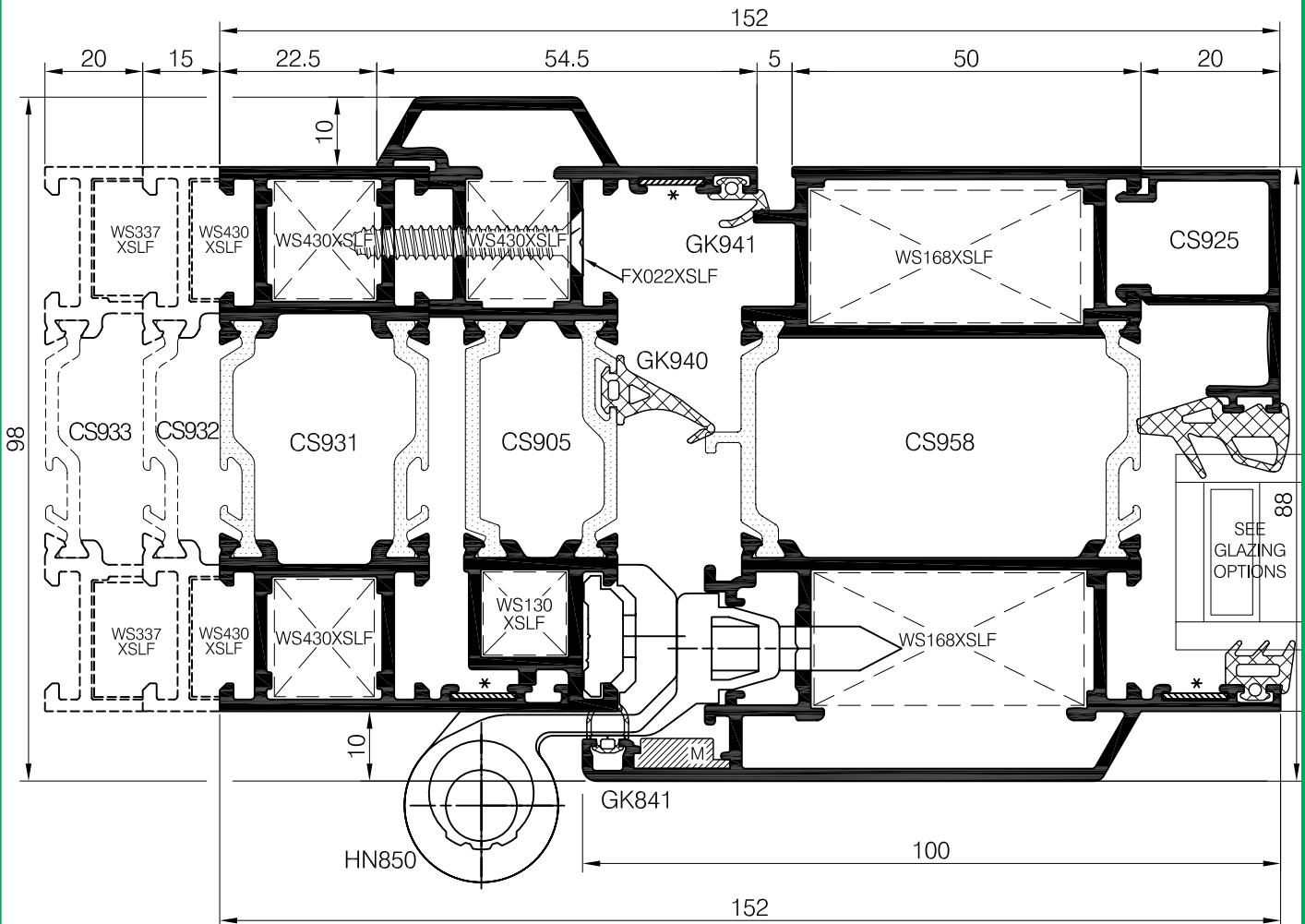
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* DENOTES WS015XS CHEVRON
M DENOTES WS416XS ALIGNMENT SQUARE



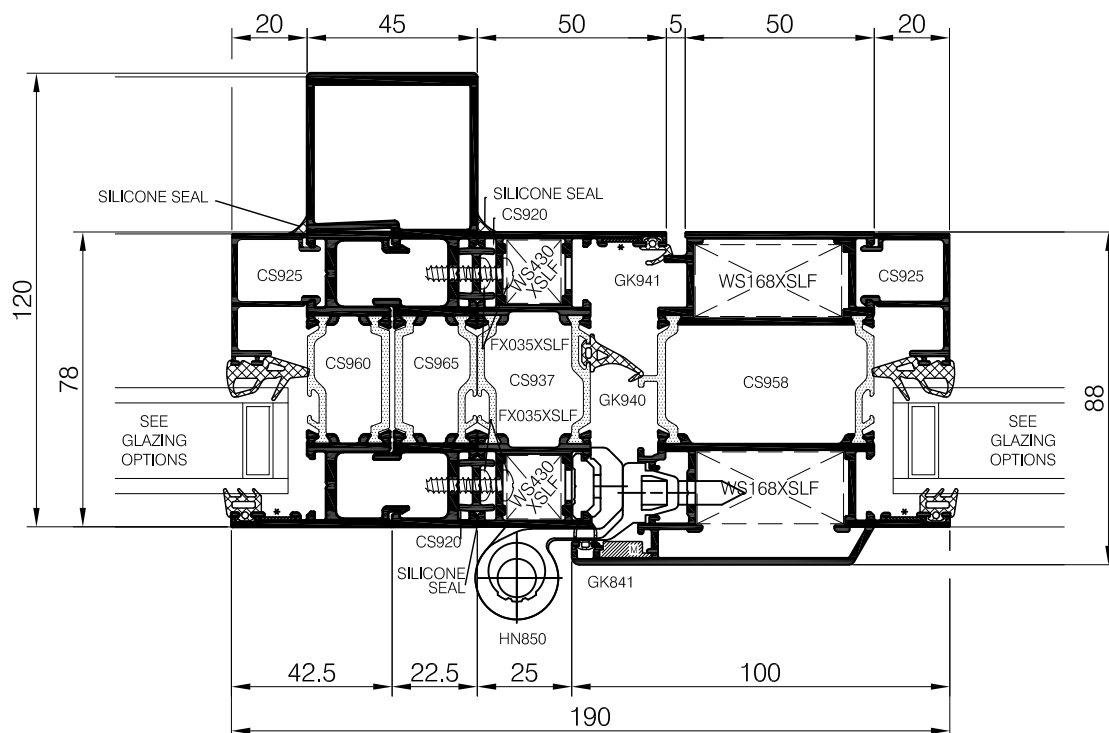
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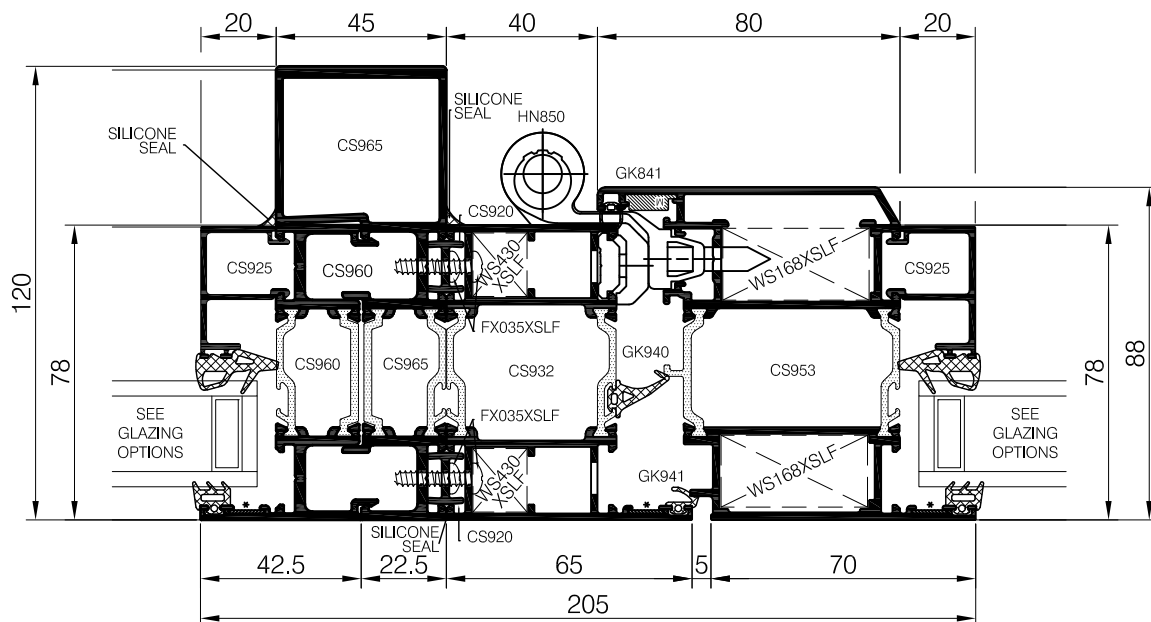
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* DENOTES WS015XSFL CHEVRON

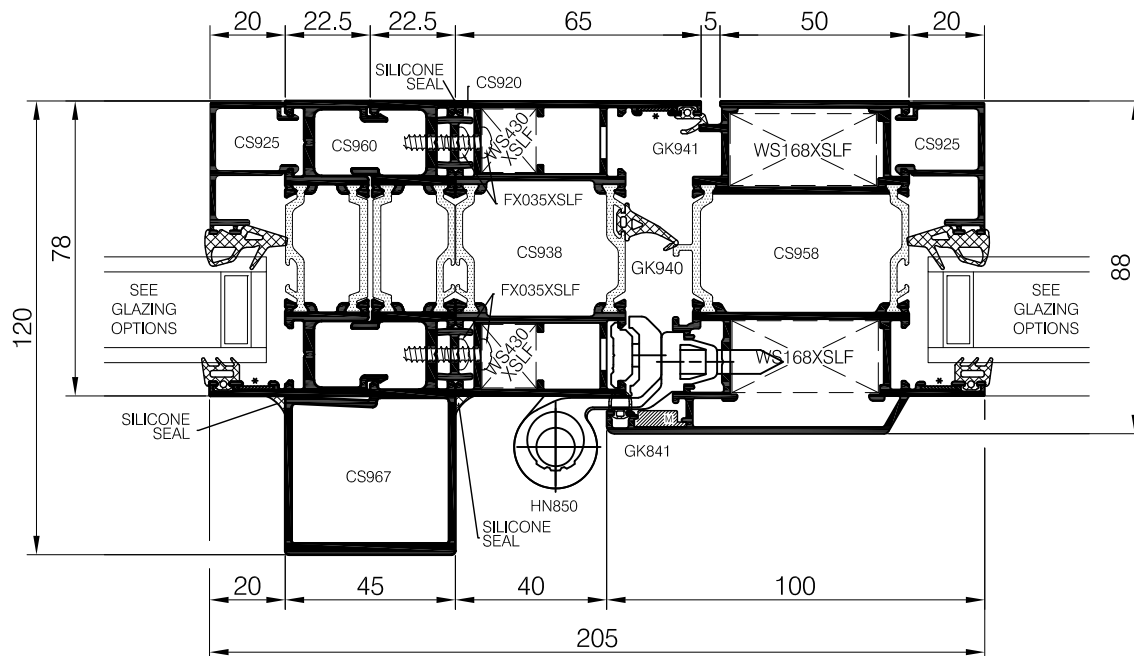
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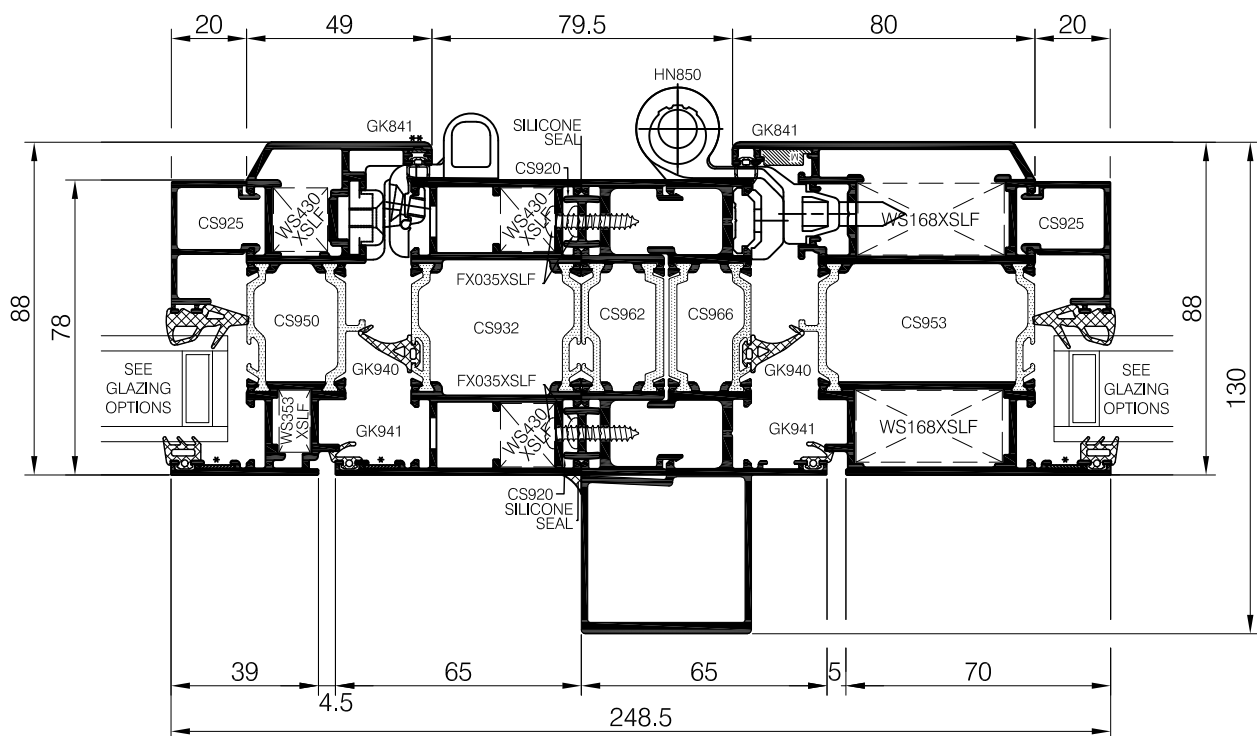
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M DENOTES WS416XSLF ALIGNMENT SQUARE





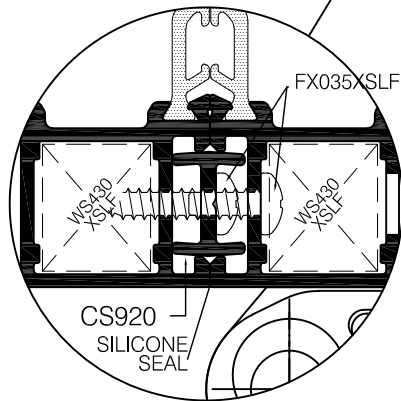
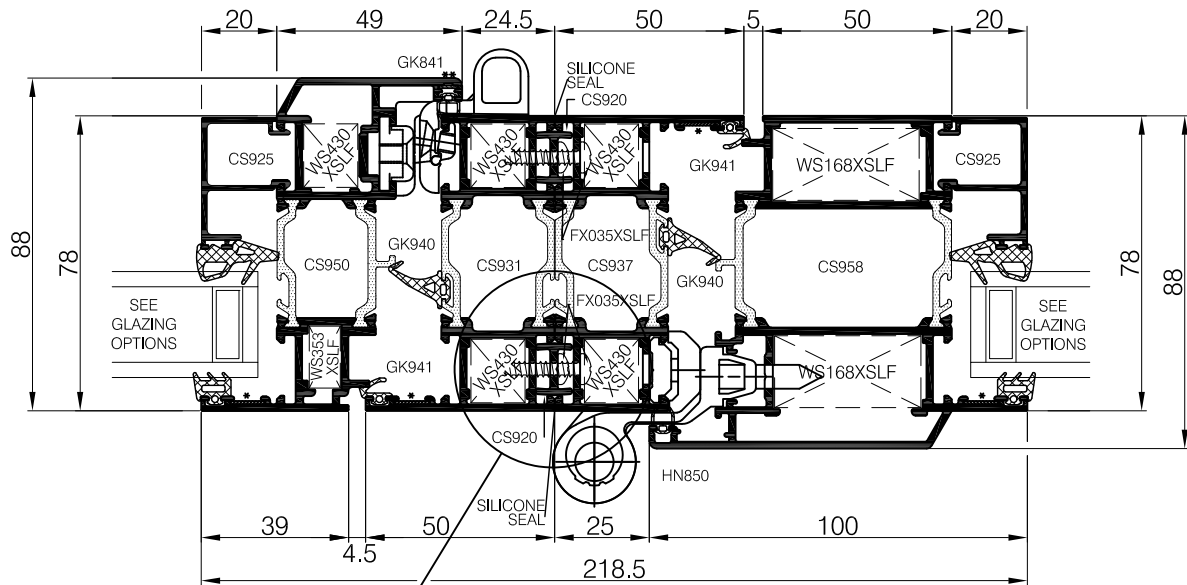
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M DENOTES WS416XSFL ALIGNMENT SQUARE





* DENOTES WS015XSLF CHEVRON
 ** DENOTES WS515XSLF CHEVRON
 M DENOTES WS416XSLF ALIGNMENT SQUARE





- * DENOTES WS015XSLF CHEVRON
- ** DENOTES WS515XSLF CHEVRON
- M DENOTES WS416XSLF ALIGNMENT SQUARE



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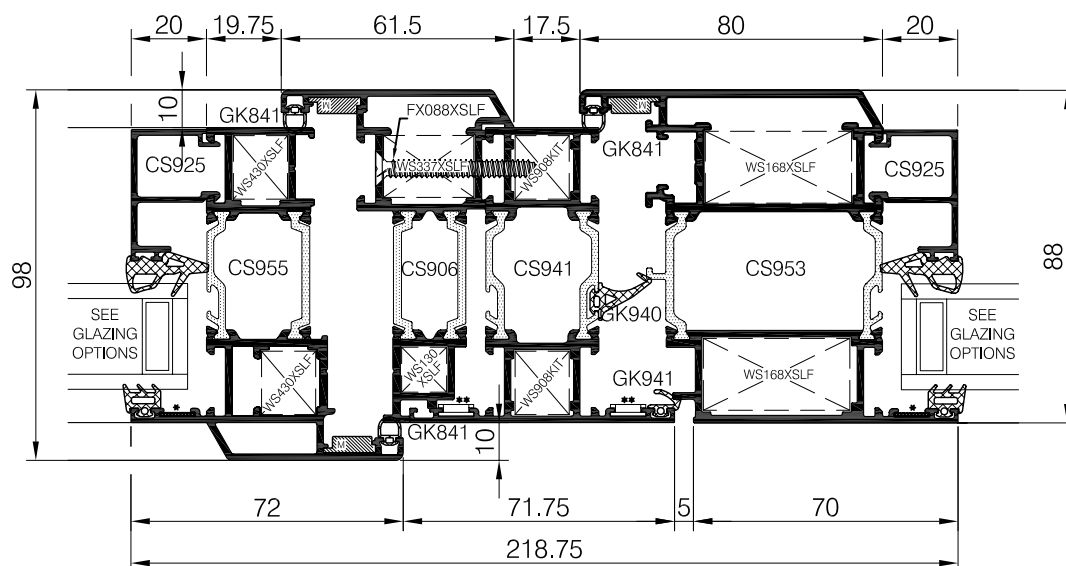
PERFORMANCE FRAMING SYSTEM FRAMING, WINDOWS, DOORS

SHEET No.

2.32

SUB TITLE

MITRED DOOR OPEN IN JAMB DETAIL WITH WINDOW CASEMENT VENT



* DENOTES WS015XSLF CHEVRON
 ** DENOTES WS916XSLF ALIGNMENT
 M DENOTES WS416XSLF ALIGNMENT SQUARE



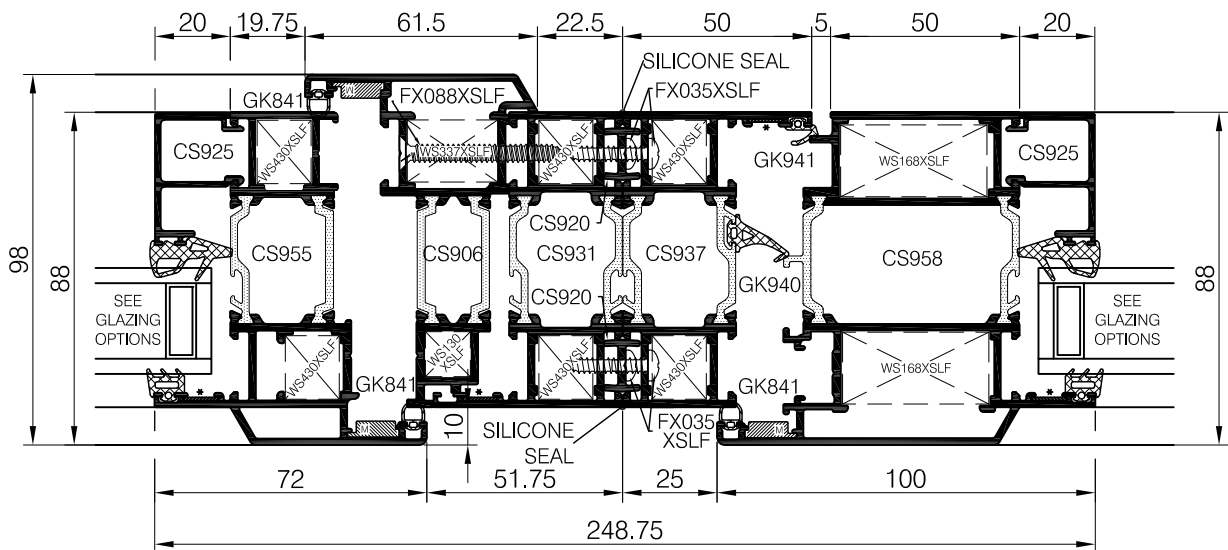
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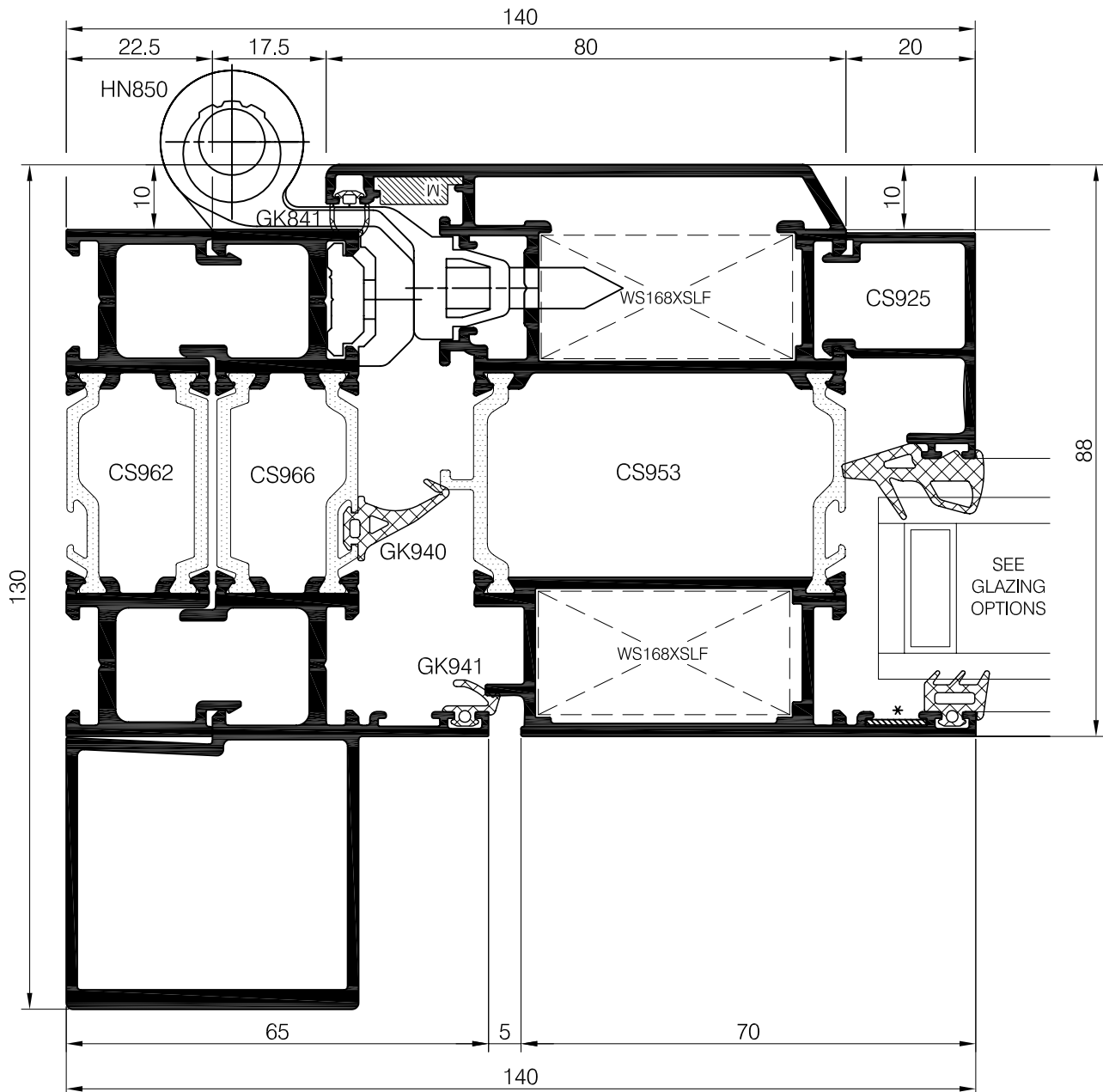
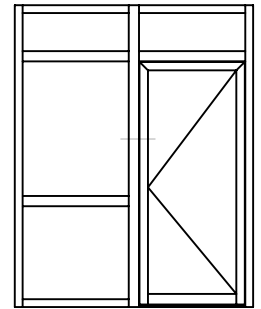
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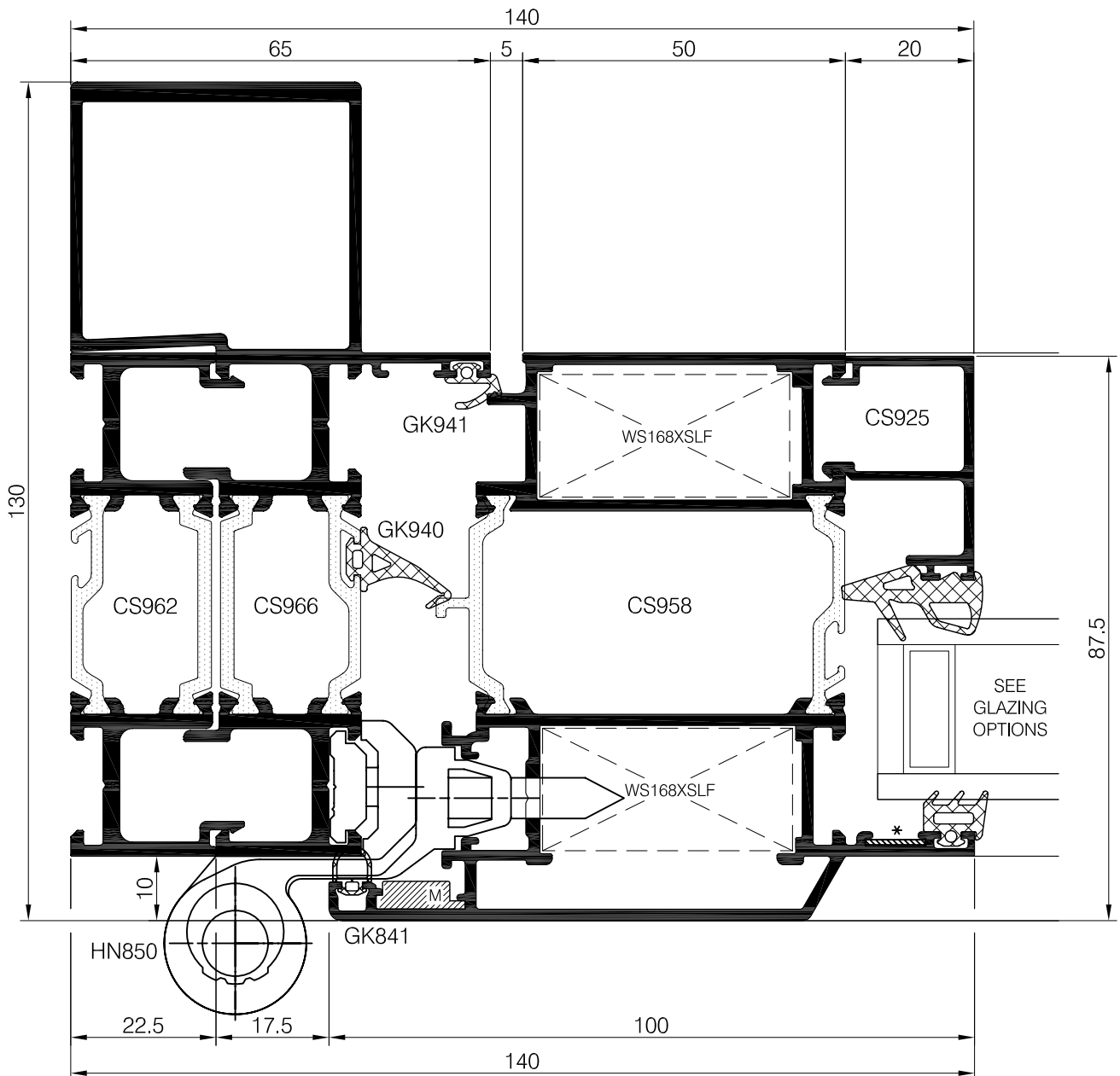
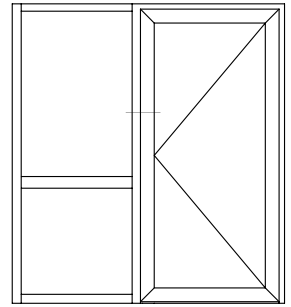


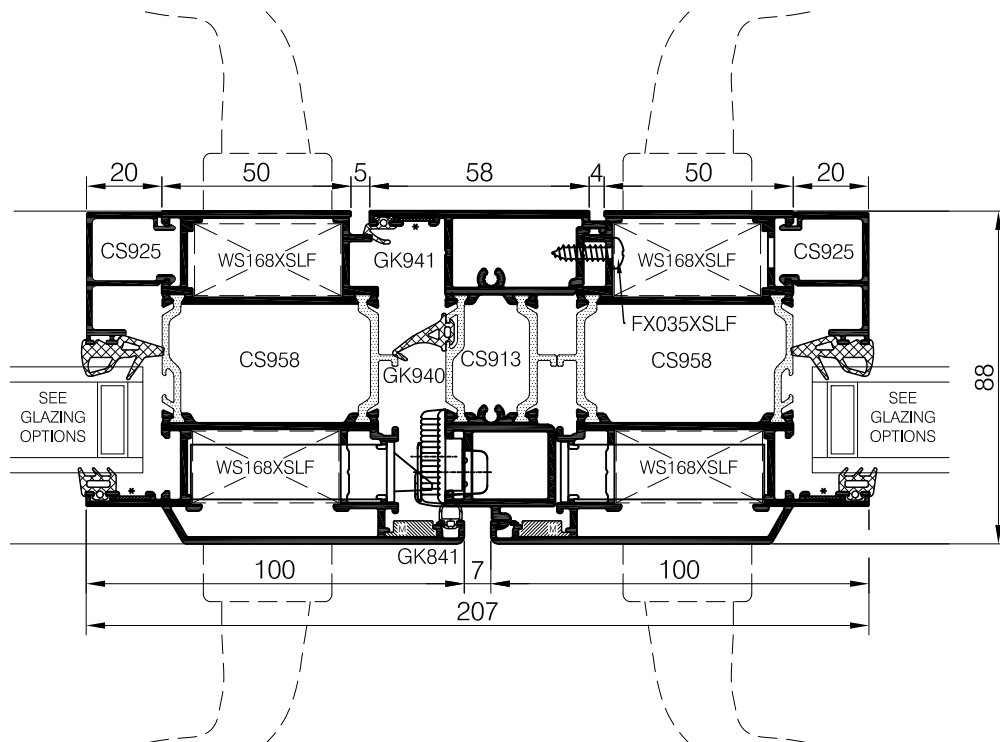
* DENOTES WS015XSFL CHEVRON

M DENOTES WS416XSFL ALIGNMENT SQUARE



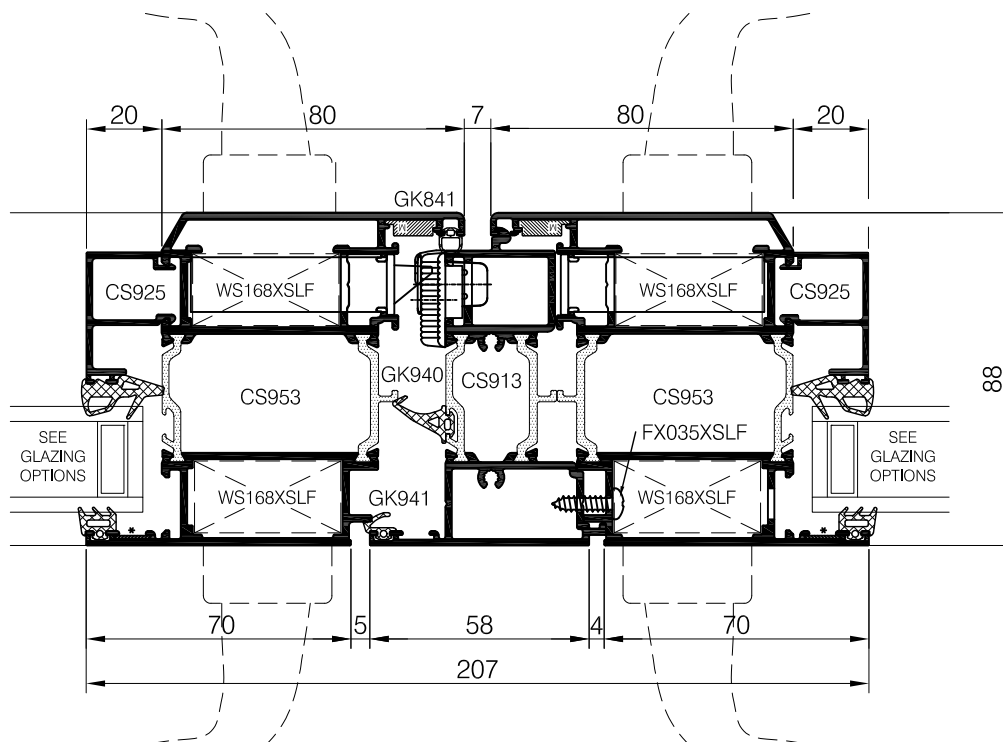






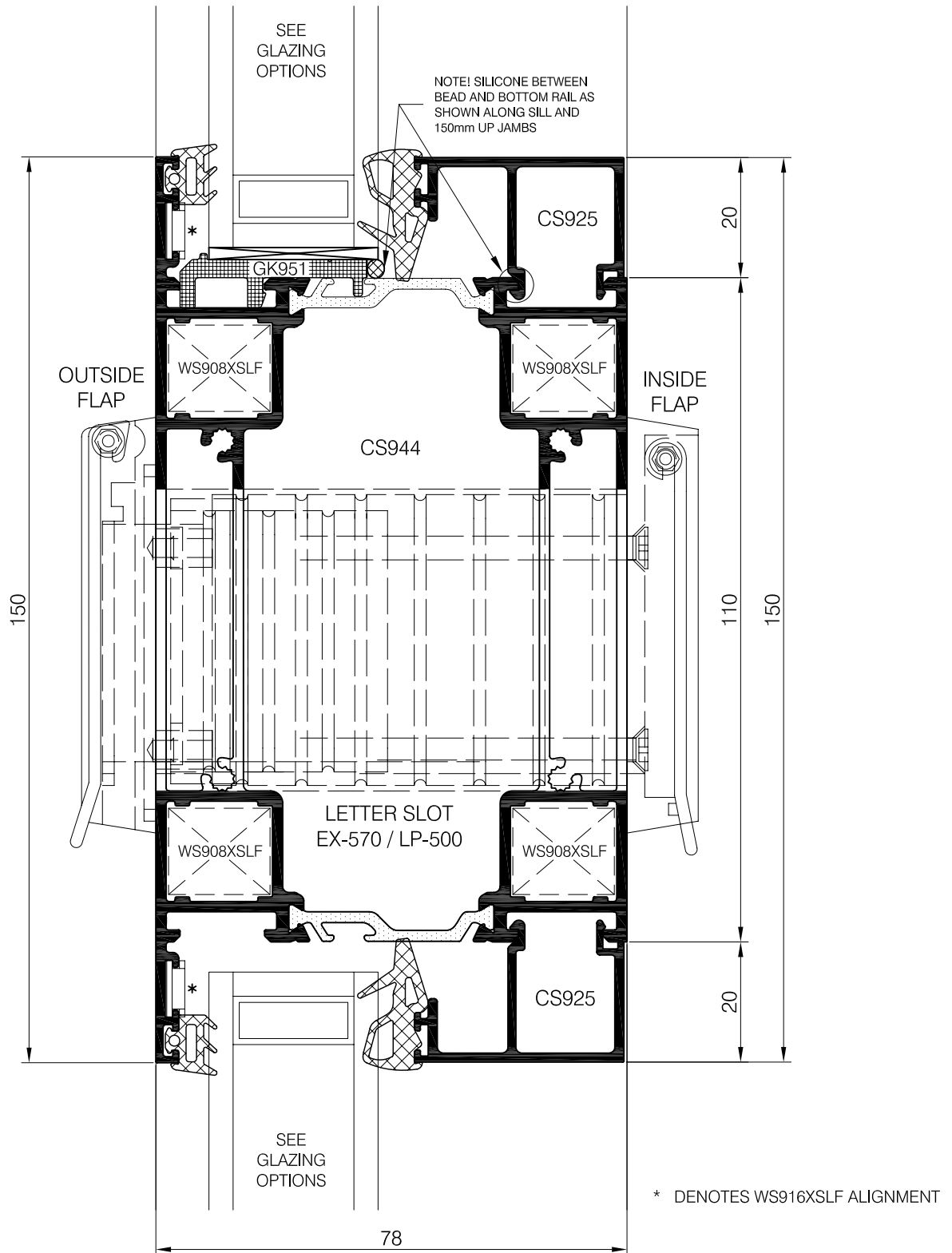
* DENOTES WS015XSFL CHEVRON
 M DENOTES WS416XSFL ALIGNMENT SQUARE

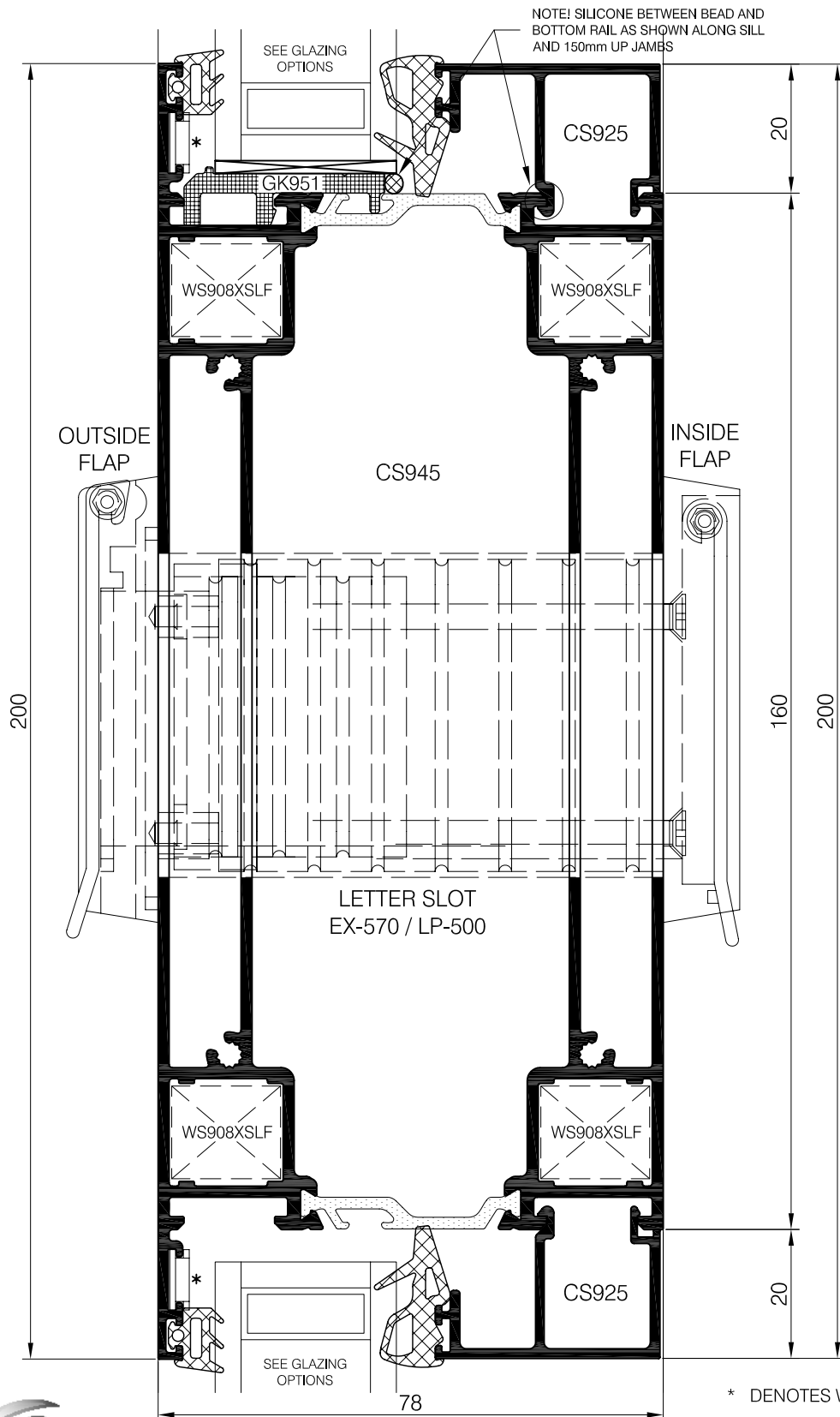




* DENOTES WS015XSLF CHEVRON
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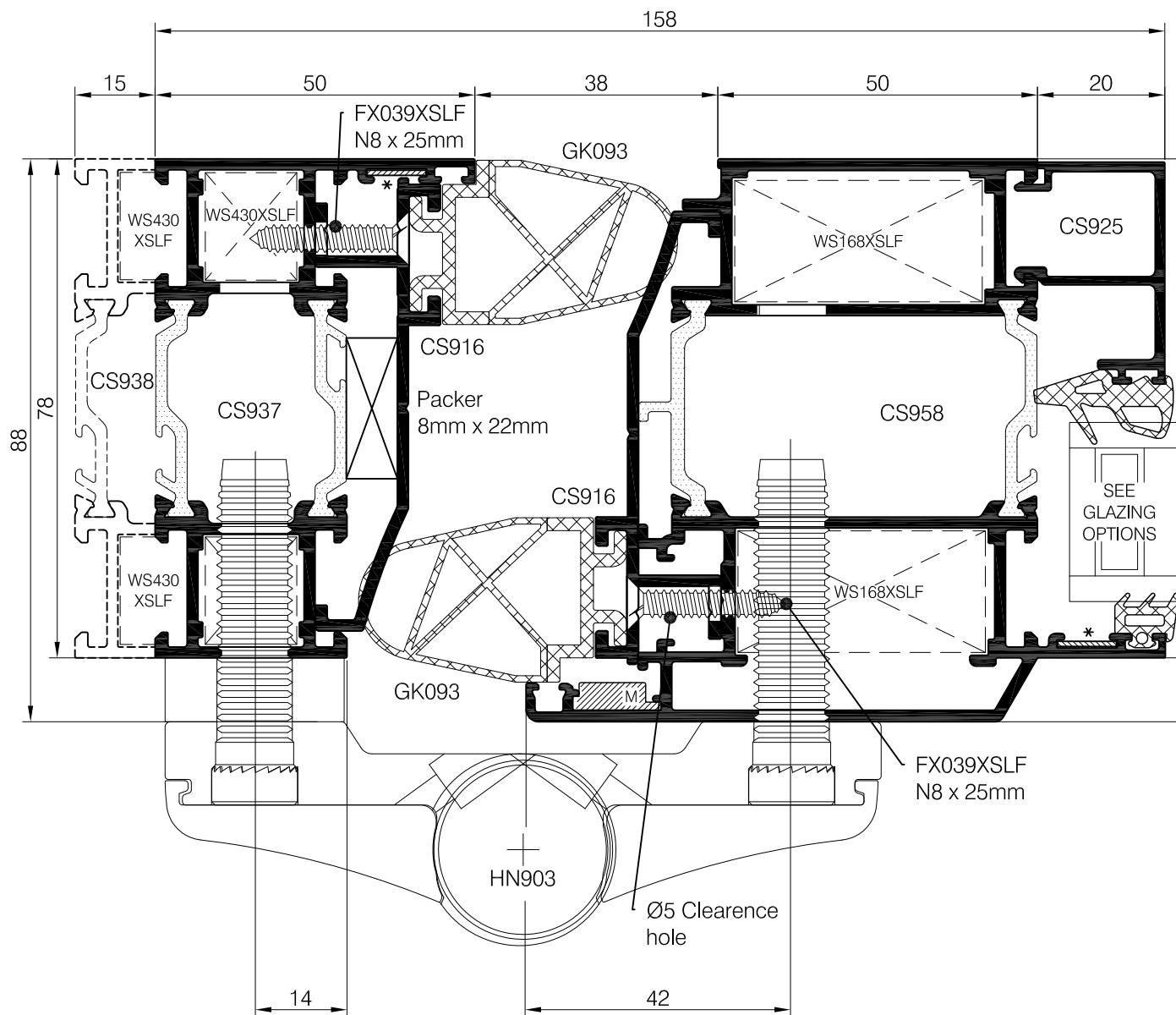






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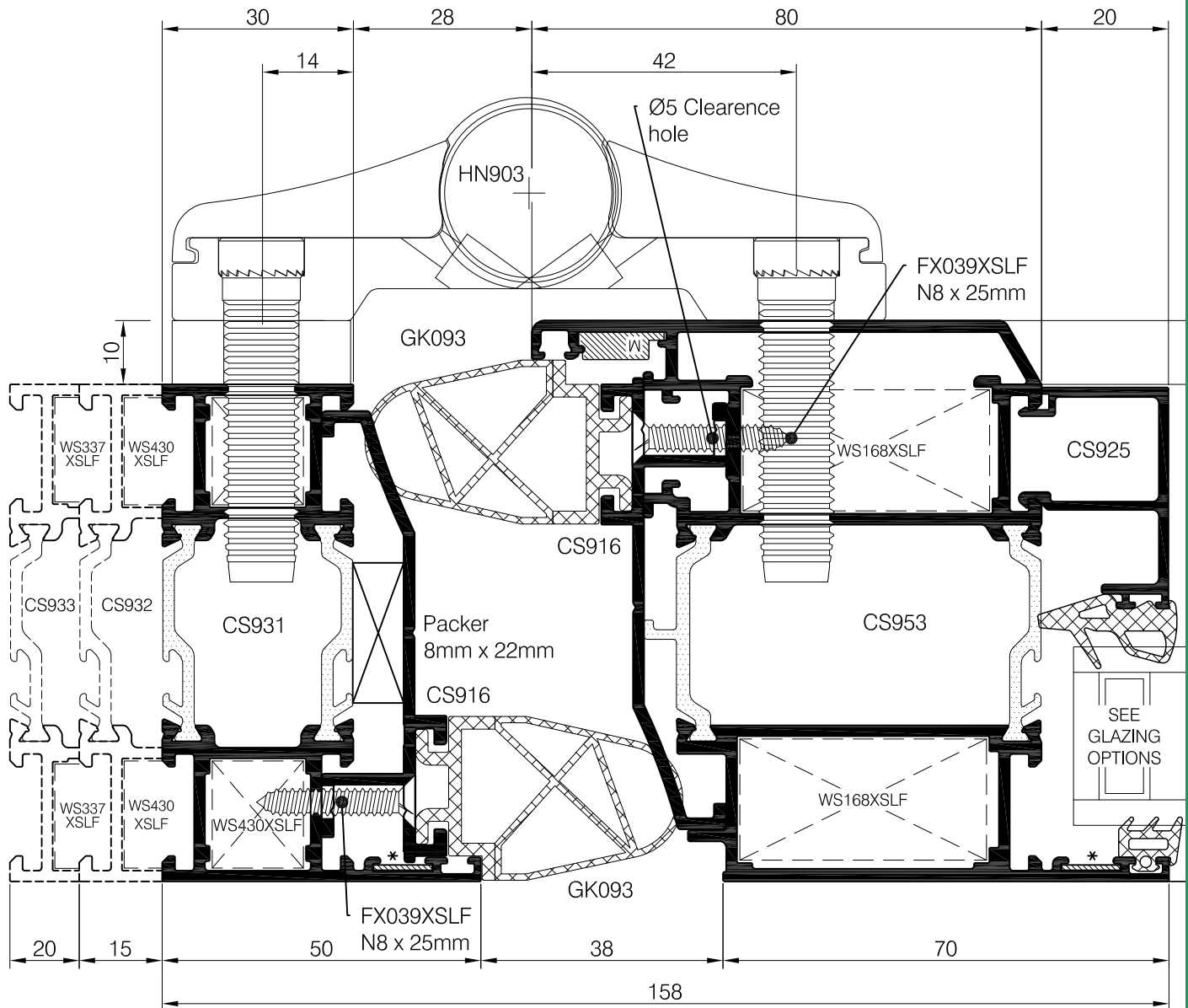
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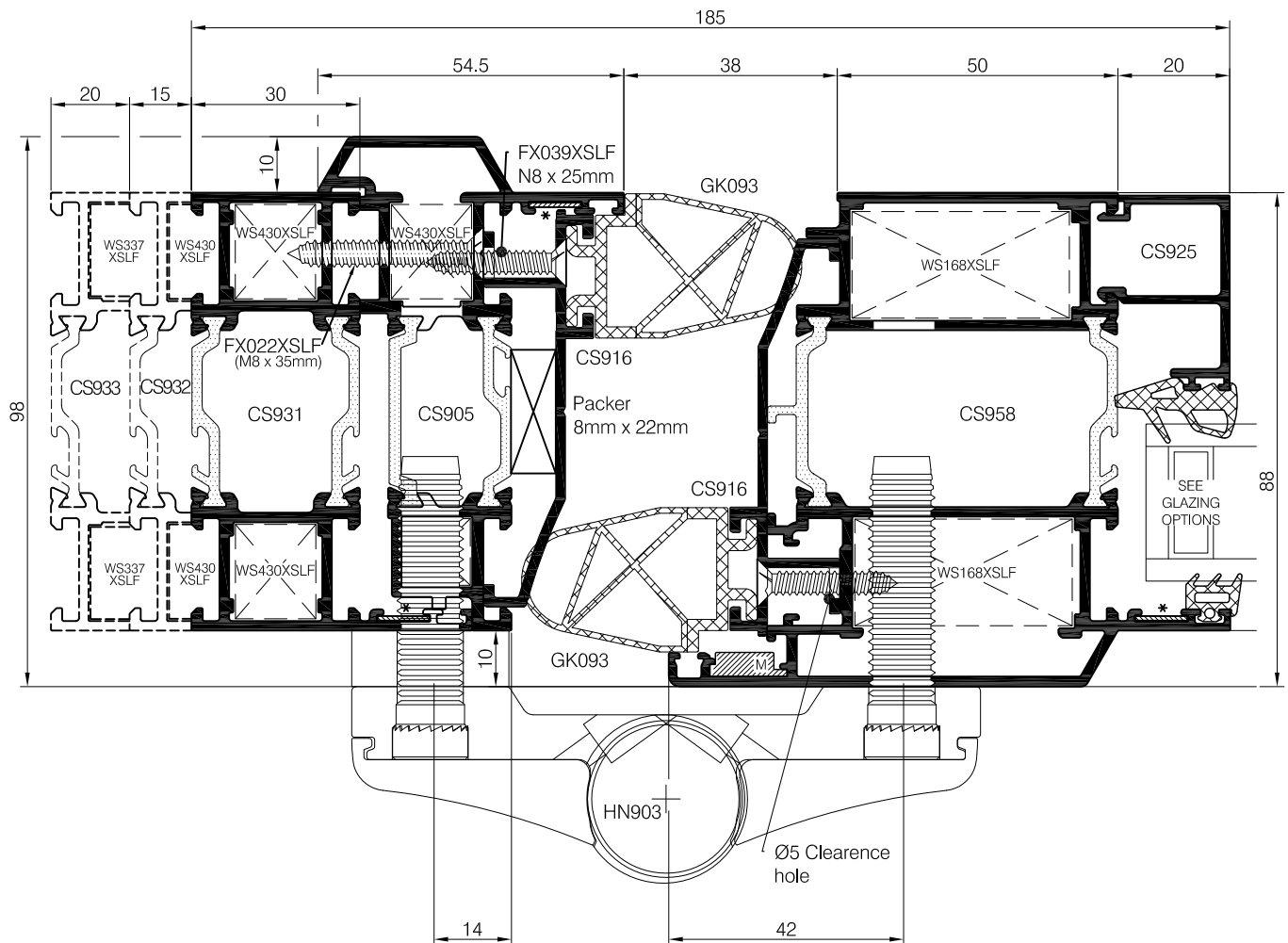
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SCALE	1:1	@ A4
DATE	26-04-2016	
DRAWN	OP / DGN	
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* DENOTES WS015XSLF CHEVRON
M DENOTES WS416XSLF ALIGNMENT SQUARE





* DENOTES WS015XSLF CHEVRON
M DENOTES WS416XSLF ALIGNMENT SQUARE



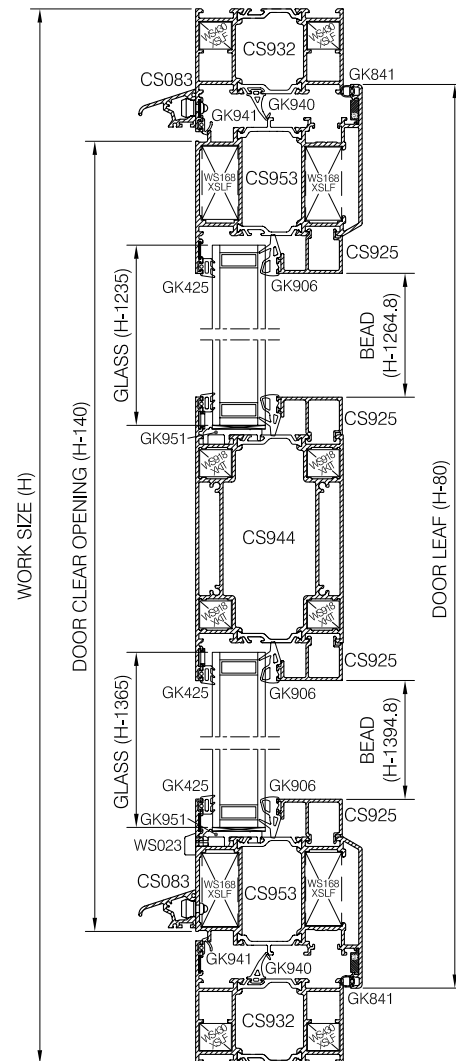
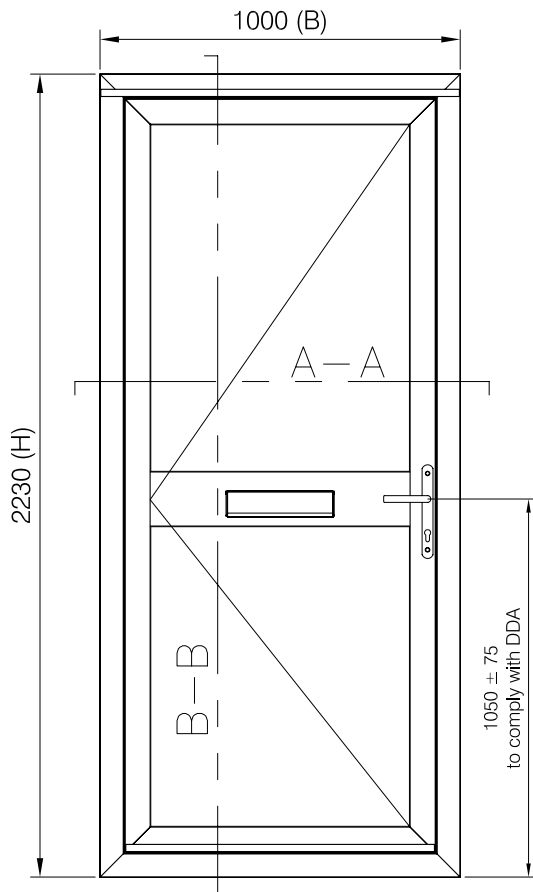
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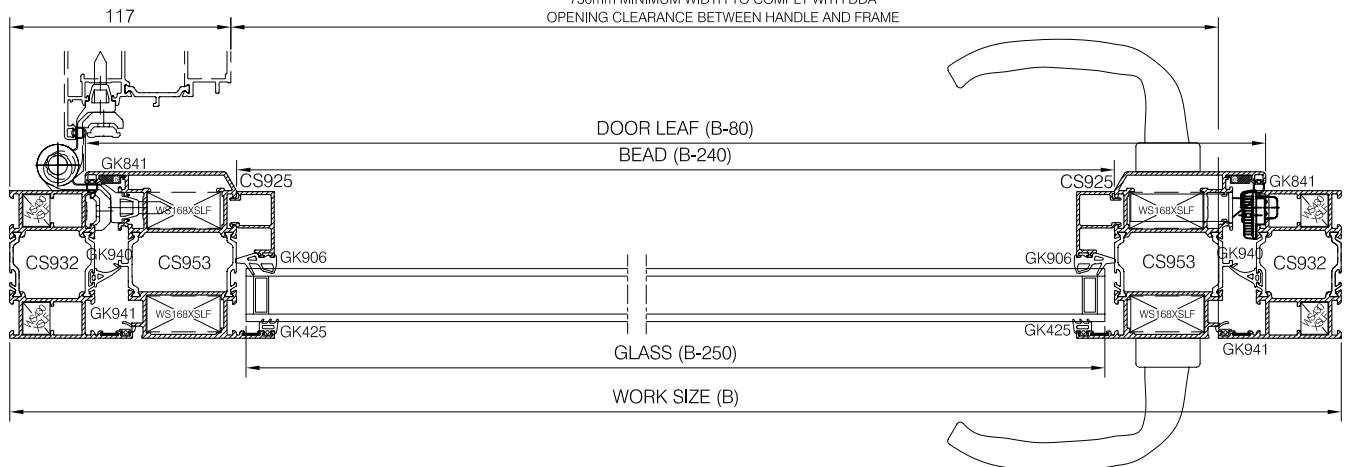
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SCALE	NTS	@ A4
DATE	26-04-2016	
DRAWN	OP / DGN	
DRG. No.	C9 Pi-PF-RD 2.42 R1	



DOOR CLEAR OPENING (B-182)
750mm MINIMUM WIDTH TO COMPLY WITH DDA
OPENING CLEARANCE BETWEEN HANDLE AND FRAME



Cutting List Example for Rebated Door Outer Frame CS932
(2230mm x 1000mm)

FRAME - VERTICAL	CS932 — 2 @	H	2230mm	
FRAME - HORIZONTAL	CS932 — 2 @	B	1000mm	
DRIP - HEAD	CS083 — 1 @	B-5	995mm	
WEATHER SEAL GASKET	GK941 — 2 @	H - 116	2114mm	
WEATHER SEAL GASKET	GK941 — 2 @	B - 116	884mm	
CENTRE SEAL GASKET	GK940 — 2 @	H - 85	2145mm	
CENTRE SEAL GASKET	GK940 — 2 @	B - 85	915mm	
CLEAT FOR OUTERFRAME	WS430XSFL-8@	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFL-4@	—	—	

Cutting List Example for Rebated Door Leaf CS953
(2230mm x 1000mm)

LEAF - VERTICAL	CS953 — 2 @	H - 80	2150mm	
LEAF - HORIZONTAL	CS953 — 2 @	B - 80	920mm	
DOOR MID-RAIL	CS944 — 1 @	B - 240	760mm	
BEAD - TOP VERTICAL	CS925 — 4 @	H-(*1050-214.8)	965.2mm	
BEAD - BOTTOM VERTICAL	CS925 — 4 @	*1050-1394.8	835.2mm	
BEAD - HORIZONTAL	CS925 — 4 @	B - 240	760mm	
DRIP BOTTOM	CS083 — 1 @	B - 140	860mm	
WEATHER SEAL GASKET	GK841 — 2 @	H - 81	2149mm	
WEATHER SEAL GASKET	GK841 — 2 @	B - 81	919mm	
CAPTIVE GASKET - TOP VERTICAL	GK425 — 4 @	H - 1250	980mm	
CAPTIVE GASKET - BOTTOM VERTICAL	GK425 — 4 @	H - 1380	850mm	
CAPTIVE GASKET - HORIZONTAL	GK425 — 4 @	B - 264	736mm	
WEDGE GASKET-TOP VERTICAL	GK906 — 4 @	H-(*1050-175)	1005mm	
WEDGE GASKET-BOTTOM VERTICAL	GK906 — 4 @	*1050-175	875mm	
WEDGE GASKET-HORIZONTAL	GK906 — 4 @	B - 238	762mm	
CHEVRON FOR DOOR LEAF	WS015XSFL-4@	—	—	
CLEAT FOR DOOR LEAF	WS168XSFL-8@	—	—	
PIN FOR CLEAT WS168XSFL	WS099XSFL-16@	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFL-4@	—	—	
CRUCIFORM CLEAT FOR MIDRAIL	WS918XKIT-8@	—	—	
ANTI-TWIST LUNG FOR MIDRAIL	WS916XSFL-4@	—	—	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951 — 4
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN850EWHT — 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL — 1
ROLLER KEEP	LK834XSFL — 2
HOOK KEEPS	LK840XSFL — 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL — 1
CYLINDER (3KEYS)	LK090BSVR — 1
LEVER HANDLE (PAIR)	HN882EWHT — 1
140mm x 8mm SPINDLE	SP900XSFL — 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFL — 10
LIFTING WEDGE (PAIR)	WS561DBLK — 3
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08 — 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT — 4
120mm MACHINE SCREW - PACK 10	FX900XSFL — 1

SECURITY OPTION HARDWARE AND ACCESSORIES

GLAZING SUPPORT	GK951 — 4
RIGHT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN901EWHT — 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL — 1
ROLLER KEEP	LK834XSFL — 2
HOOK KEEPS	LK840XSFL — 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL — 1
CYLINDER (3KEYS)	LK091BSVR — 1
LEVER HANDLE (PAIR)	HN882EWHT — 1
140mm x 8mm SPINDLE	SP900XSFL — 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFL — 10
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08 — 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS021EWHT — 4
LIFTING WEDGE (PAIR)	WS561DBLK — 3
THEFT CLAW SASH PART	LK810XSFL — 2
120mm MACHINE SCREW - PACK 10	FX900XSFL — 1

GLASS 28mm - 2 @ SIZE

GLASS - TOP PANE		GLASS - BOTTOM PANE	
GH=H-(*1050-185)	GB=B-250	GH=*1050-185	GB=B-250
995	750	865	750

DOOR LEAF

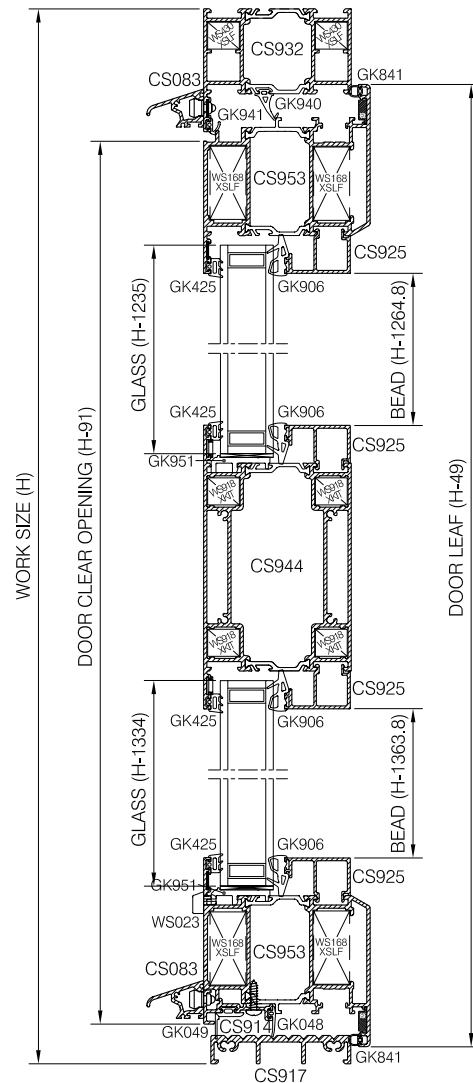
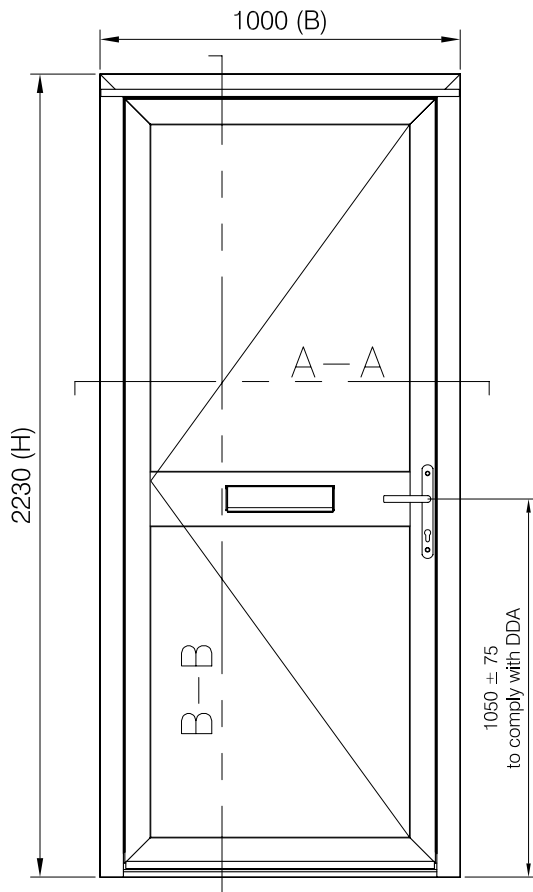
GLASS WEIGHT = ((6mm + 6mm) x 2.5⁻⁶) x (750 x 995) = 22.39Kgs
 GLASS WEIGHT = ((6mm + 6mm) x 2.5⁻⁶) x (750 x 865) = 19.46Kgs

NOTE:

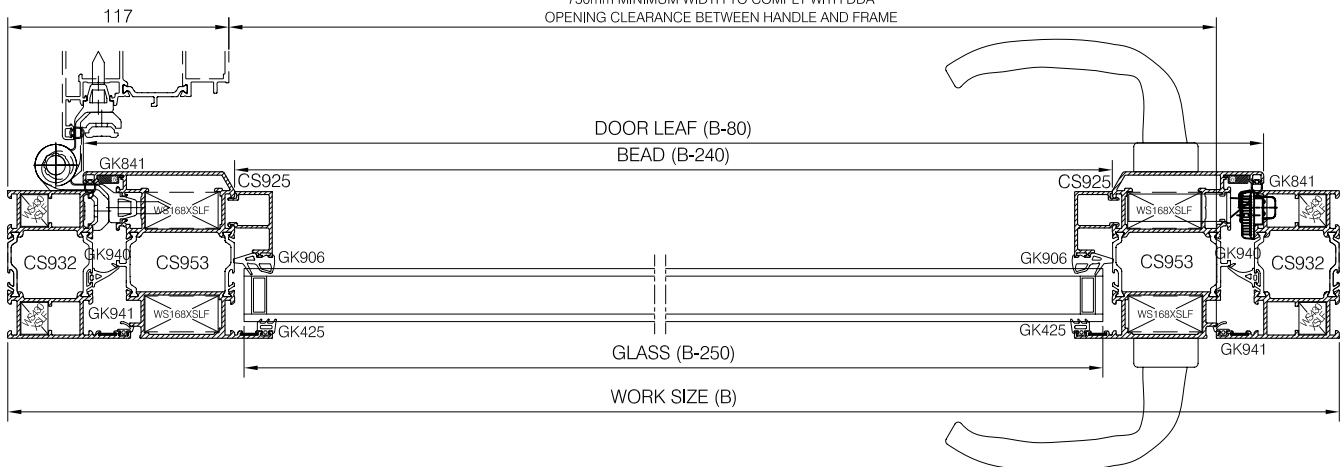
- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS
- *1050 - TO COPLY WITH DDA

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DOOR CLEAR OPENING (B-182)
750mm MINIMUM WIDTH TO COMPLY WITH DDA
OPENING CLEARANCE BETWEEN HANDLE AND FRAME



Cutting List Example for Rebated Door Outer Frame CS932
(2230mm x 1000mm)

FRAME - VERTICAL	CS932	— 2 @	H	2230mm	
FRAME - HORIZONTAL	CS932	— 1 @	B	1000mm	
LOW THRESHOLD	CS917	— 1 @	B-90	910mm	
DRIP - HEAD	CS083	— 1 @	B-5	995mm	
WEATHER SEAL GASKET	GK941	— 2 @	H - 66	2164mm	
WEATHER SEAL GASKET	GK941	— 1 @	B - 116	884mm	
CENTRE SEAL GASKET	GK940	— 2 @	H - 51	2179mm	
CENTRE SEAL GASKET	GK940	— 1 @	B - 85	915mm	
CLEAT FOR OUTERFRAME	WS430XSFL	— 4 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFL	— 2 @	—	—	

Cutting List Example for Rebated Door Leaf CS953
(2230mm x 1000mm)

LEAF - VERTICAL	CS953	— 2 @	H - 49	2181mm	
LEAF - HORIZONTAL	CS953	— 2 @	B - 80	920mm	
LOW THRESHOLD GASKET CARRIER	CS914	— 1 @	B - 90	910mm	
DOOR MID-RAIL	CS944	— 1 @	B - 240	760mm	
BEAD - TOP VERTICAL	CS925	— 4 @	H-(*1050-214.8)	965.2mm	
BEAD - BOTTOM VERTICAL	CS925	— 4 @	*1050-183.8	866.2mm	
BEAD - HORIZONTAL	CS925	— 4 @	B - 240	760mm	
DRIP BOTTOM	CS083	— 1 @	B - 140	860mm	
WEATHER SEAL GASKET	GK841	— 2 @	H - 50	2180mm	
WEATHER SEAL GASKET	GK841	— 2 @	B - 81	919mm	
CAPTIVE GASKET - TOP VERTICAL	GK425	— 4 @	H-(*1050-200)	980mm	
CAPTIVE GASKET - BOTTOM VERTICAL	GK425	— 4 @	*1050-168	882mm	
CAPTIVE GASKET - HORIZONTAL	GK425	— 4 @	B - 264	736mm	
WEDGE GASKET-TOP VERTICAL	GK906	— 4 @	H-(*1050-175)	1005mm	
WEDGE GASKET-BOTTOM VERTICAL	GK906	— 4 @	*1050-145	905mm	
WEDGE GASKET-HORIZONTAL	GK906	— 4 @	B - 238	762mm	
EXTERNAL SEAL	GK048	— 1 @	H - 90	910mm	
OUTER SEAL	GK049	— 1 @	B - 90	910mm	
CLEAT FOR DOOR LEAF	WS168XSFL	— 8 @	—	—	
PIN FOR CLEAT WS168XSFL	WS099XSFL	— 16 @	—	—	
CHEVRON FOR DOOR LEAF	WS015XSFL	— 4 @	—	—	
ALIGNMENT SQUARE FOR LEAF	WS416XSFL	— 4 @	—	—	
CRUCIFORM CLEAT FOR MIDRAIL	WS918XKIT	— 8 @	—	—	
ANTI-TWIST LUG FOR MIDRAIL	WS916XSFL	— 2 @	—	—	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951	— 4
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN850EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
LEVER HANDLE (PAIR)	HN882EWHT	— 1
140mm x 8mm SPINDLE	SP900XSFL	— 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
LIFTING WEDGE	WS561DBLK	— 3
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT	— 4
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

SECURITY OPTION HARDWARE AND ACCESSORIES

GLAZING SUPPORT	GK951	— 4
RIGHT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN901EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
CYLINDER (3KEYS)	LK091BSVR	— 1
LEVER HANDLE (PAIR)	HN882EWHT	— 1
140mm x 8mm SPINDLE	SP900XSFL	— 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS021EWHT	— 4
LIFTING WEDGE	WS561DBLK	— 3
THEFT CLAW SASH PART	LK810XSFL	— 2
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

GLASS 28mm - 2 @ SIZE

GLASS - TOP PANE		GLASS - BOTTOM PANE	
GH=H-(*1050-185)	GB=B-250	GH=*1050-154	GB=B-250
995	750	896	750

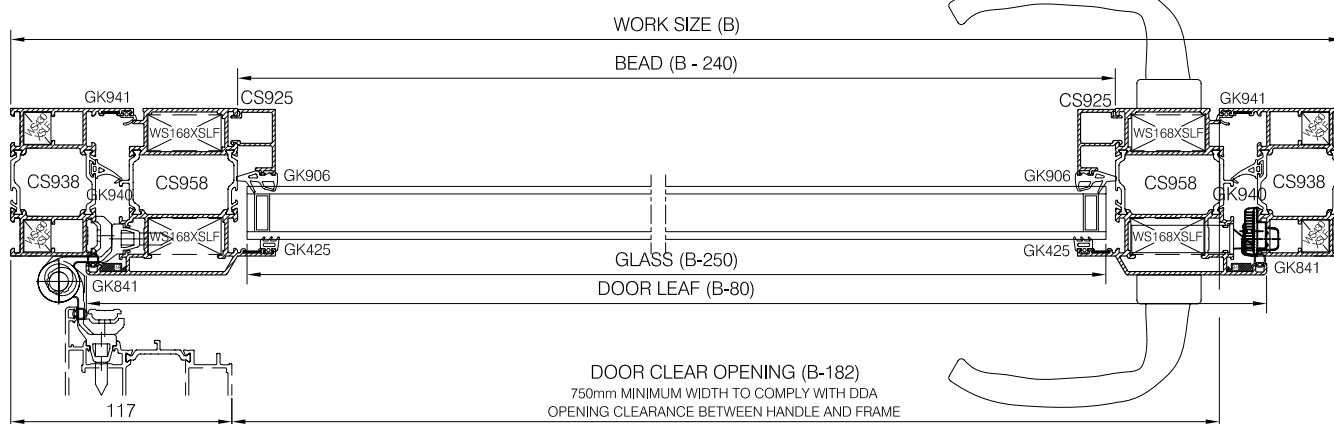
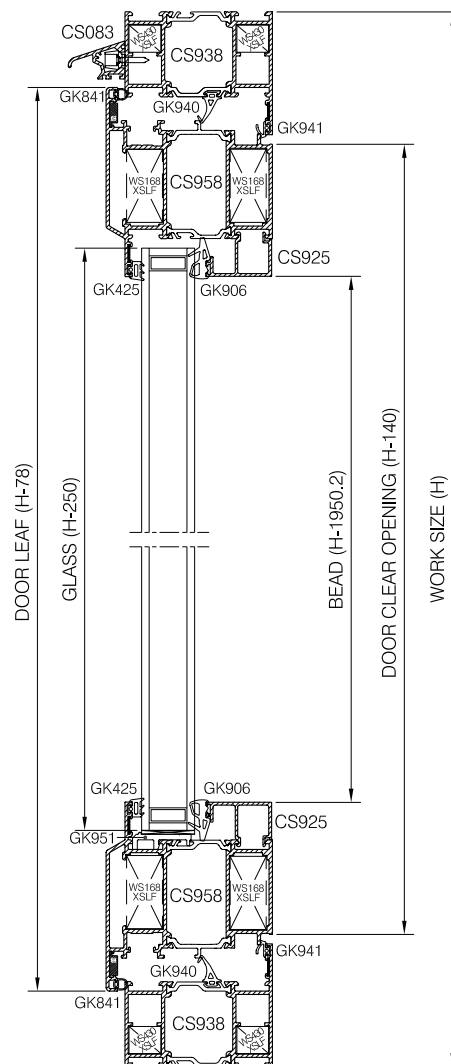
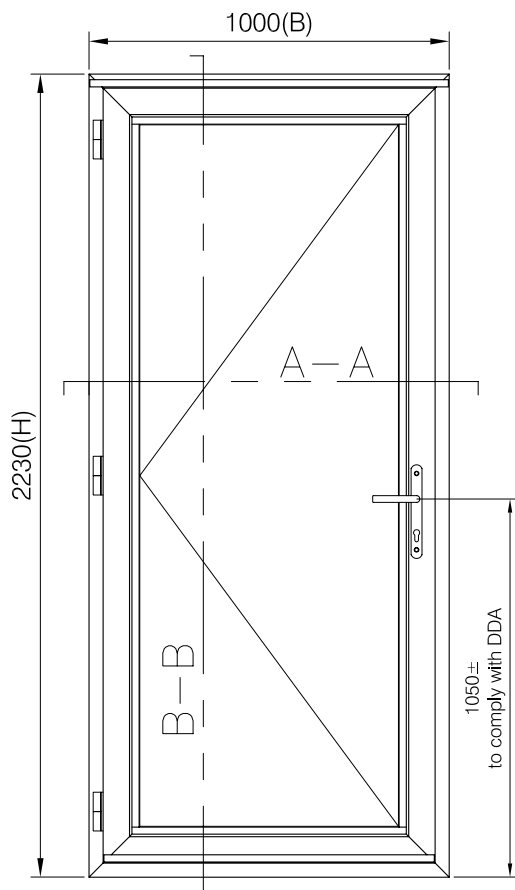
DOOR LEAF

GLASS WEIGHT = ((6mm + 6mm) x 2.5⁻⁶) x (750 x 995) = 22.39KgsGLASS WEIGHT = ((6mm + 6mm) x 2.5⁻⁶) x (750 x 896) = 20.16Kgs

NOTE:

- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS

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Cutting List Example for Rebated Door Outer Frame CS938
(2230mm x 1000mm)

FRAME - VERTICAL	CS938	— 2 @	H	2230mm	
FRAME - HORIZONTAL	CS938	— 2 @	B	1000mm	
DRIP HEAD	CS083	— 1 @	B-5	995mm	
WEATHER SEAL GASKET	GK941	— 2 @	H - 116	2114mm	
WEATHER SEAL GASKET	GK941	— 2 @	B - 116	884mm	
CENTRE SEAL GASKET	GK940	— 2 @	H - 85	2145mm	
CENTRE SEAL GASKET	GK940	— 2 @	B - 85	915mm	
CLEAT FOR OUTERFRAME	WS430XSFLF	— 8 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFLF	— 4 @	—	—	

Cutting List Example for Rebated Door Leaf CS958
(2230mm x 1000mm)

LEAF - VERTICAL	CS958	— 2 @	H - 80	2150mm	
LEAF - HORIZONTAL	CS958	— 2 @	B - 80	920mm	
BEAD - VERTICAL	CS925	— 4 @	H - 279.8	1950.2mm	
BEAD - HORIZONTAL	CS925	— 4 @	B - 240	760mm	
WEATHER SEAL GASKET	GK841	— 2 @	H - 81	2149mm	
WEATHER SEAL GASKET	GK841	— 2 @	B - 81	919mm	
CAPTIVE GASKET - VERTICAL	GK425	— 4 @	H - 1250	980mm	
CAPTIVE GASKET - HORIZONTAL	GK425	— 4 @	B - 264	736mm	
WEDGE GASKET-TOP VERTICAL	GK906	— 4 @	H - 1225	1005mm	
WEDGE GASKET-HORIZONTAL	GK906	— 4 @	B - 238	762mm	
CLEAT FOR DOOR VENT	WS168XSFLF	— 8 @	—	—	
PIN FOR CLEAT WS168XSFLF	WS099XSFLF	— 16 @	—	—	
CHEVRON FOR DOOR VENT	WS015XSFLF	— 4 @	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFLF	— 4 @	—	—	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951	— 4
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN850EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFLF	— 1
ROLLER KEEP	LK834XSFLF	— 2
HOOK KEEPS	LK840XSFLF	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFLF	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
LEVER HANDLE (PAIR)	HN882EWHT	— 1
140mm x 8mm SPINDLE	SP900XSFLF	— 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFLF	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 3
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFLF	— 1

SECURITY OPTION HARDWARE AND ACCESSORIES

GLAZING SUPPORT	GK951	— 4
LEFT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN902EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFLF	— 1
ROLLER KEEP	LK834XSFLF	— 2
HOOK KEEPS	LK840XSFLF	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFLF	— 1
CYLINDER -OPEN OUT- (3KEYS)	LK091BSVRE	— 1
LEVER HANDLE (PAIR)	HN882EWHT	— 1
140mm x 8mm SPINDLE	SP900XSFLF	— 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFLF	— 10
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
LIFTING WEDGE (PAIR)	WS561DBLK	— 3
THEFT CLAW SASH PART	LK810XSFLF	— 2
120mm MACHINE SCREW - PACK 10	FX900XSFLF	— 1

GLASS SIZE (28mm)

GH=H-250	GB=B-250
1980	750

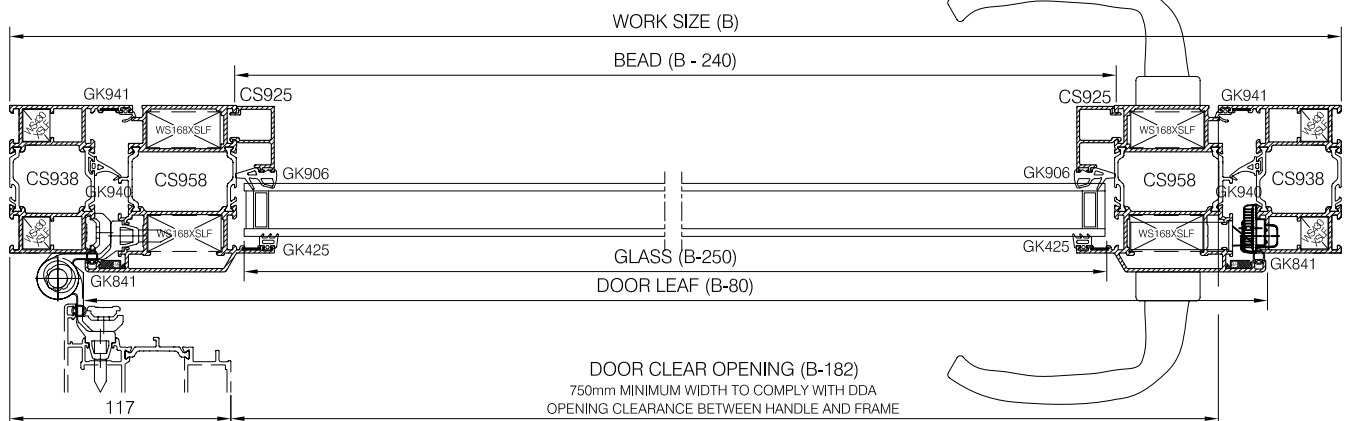
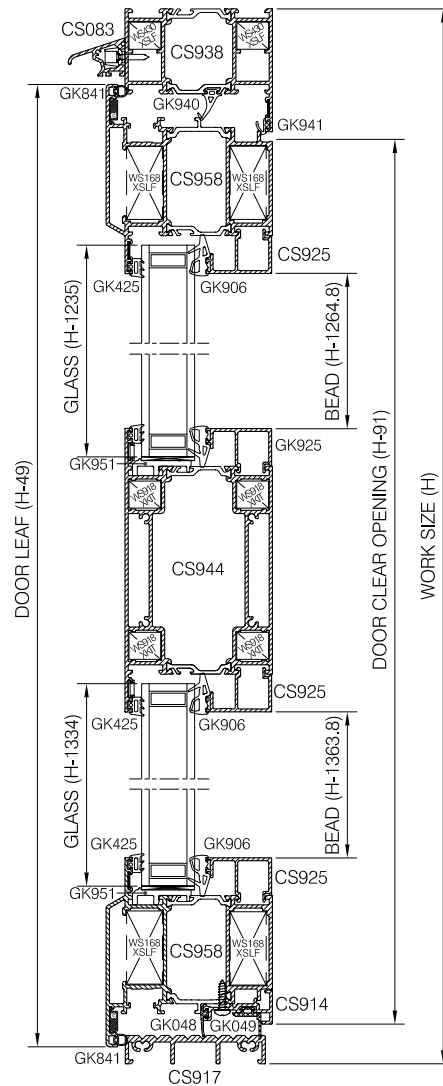
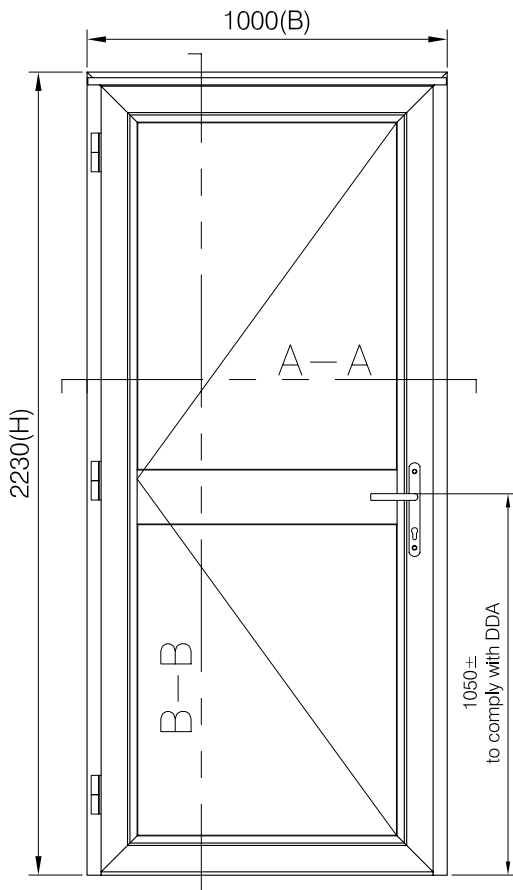
DOOR LEAF

$$\text{GLASS WEIGHT} = ((6\text{mm} + 6\text{mm}) \times 2.5^6) \times (750 \times 1980) = 44.55\text{Kgs}$$

NOTE:

- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS





Cutting List Example for Rebated Door Outer Frame CS938 (2230mm x 1000mm)					
FRAME - VERTICAL	CS938	— 2 @	H	2230mm	
FRAME - HORIZONTAL	CS938	— 1 @	B	1000mm	
LOW THRESHOLD	CS917	— 1 @	B-90	910mm	
DRIP HEAD	CS083	— 1 @	B-5	995mm	
WEATHER SEAL GASKET	GK941	— 2 @	H - 66	2164mm	
WEATHER SEAL GASKET	GK941	— 1 @	B - 116	884mm	
CENTRE SEAL GASKET	GK940	— 2 @	H - 51	2179mm	
CENTRE SEAL GASKET	GK940	— 1 @	B - 85	915mm	
CLEAT FOR OUTERFRAME	WS430XSFLF	— 4 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFLF	— 2 @	—	—	

Cutting List Example for Rebated Door Leaf CS958 (2230mm x 1000mm)					
LEAF - VERTICAL	CS958	— 2 @	H - 49	2181mm	
LEAF - HORIZONTAL	CS958	— 2 @	B - 80	920mm	
LOW THRESHOLD GASKET CARRIER	CS914	— 1 @	B - 90	910mm	
DOOR MID-RAIL	CS944	— 1 @	B - 240	760mm	
BEAD - TOP VERTICAL	CS925	— 4 @	H-(*1050-214.8)	965.2mm	
BEAD - BOTTOM VERTICAL	CS925	— 4 @	*1050-183.8	866.2mm	
BEAD - HORIZONTAL	CS925	— 4 @	B - 240	760mm	
WEATHER SEAL GASKET	GK841	— 2 @	H - 50	2180mm	
WEATHER SEAL GASKET	GK841	— 2 @	B - 81	919mm	
CAPTIVE GASKET - TOP VERTICAL	GK425	— 4 @	H-(*1050-200)	980mm	
CAPTIVE GASKET - BOTTOM VERTICAL	GK425	— 4 @	*1050-168	882mm	
CAPTIVE GASKET- HORIZONTAL	GK425	— 4 @	B - 264	736mm	
WEDGE GASKET-TOP VERTICAL	GK906	— 4 @	H-(*1050-175)	1005mm	
WEDGE GASKET-BOTTOM VERTICAL	GK906	— 4 @	*1050-145	905mm	
WEDGE GASKET-HORIZONTAL	GK906	— 4 @	B - 238	762mm	
EXTERNAL SEAL	GK048	— 1 @	H - 90	910mm	
OUTER SEAL	GK049	— 1 @	B - 90	910mm	
CLEAT FOR DOOR LEAF CS958	WS168XSFLF	— 8 @	—	—	
PIN FOR CLEAT WS168XSFLF	WS099XSFLF	— 16 @	—	—	
CHEVRON FOR DOOR VENT	WS015XSFLF	— 4 @	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFLF	— 4 @	—	—	
CRUCIFORM CLEAT FOR MIDRAIL	WS918XKIT	— 8 @	—	—	
ANTI-TWIST LUG FOR MIDRAIL	WS916XSFLF	— 4 @	—	—	

ACCESSORIES AND ADDITIONAL ITEMS		
GLAZING SUPPORT	GK951	— 4
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN850EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFLF	— 1
ROLLER KEEP	LK834XSFLF	— 2
HOOK KEEPS	LK840XSFLF	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFLF	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
LEVER HANDLE (PAIR)	HN882EWHT	— 1
140mm x 8mm SPINDLE	SP900XSFLF	— 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFLF	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 3
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFLF	— 1

SECURITY OPTION HARDWARE AND ACCESSORIES		
GLAZING SUPPORT	GK951	— 4
LEFT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN902EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFLF	— 1
ROLLER KEEP	LK834XSFLF	— 2
HOOK KEEPS	LK840XSFLF	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFLF	— 1
CYLINDER - OPEN OUT- (3KEYS)	LK091BSVRE	— 1
LEVER HANDLE (PAIR)	HN882EWHT	— 1
140mm x 8mm SPINDLE	SP900XSFLF	— 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFLF	— 10
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
LIFTING WEDGE (PAIR)	WS561DBLK	— 3
THEFT CLAW SASH PART	LK810XSFLF	— 2
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFLF	— 1

GLASS 28mm - 2 @ SIZE			
GLASS - TOP PANE		GLASS - BOTTOM PANE	
GH=H-(*1050-185)	GB=B-250	GH=*1050-154	GB=B-250
995	750	896	750

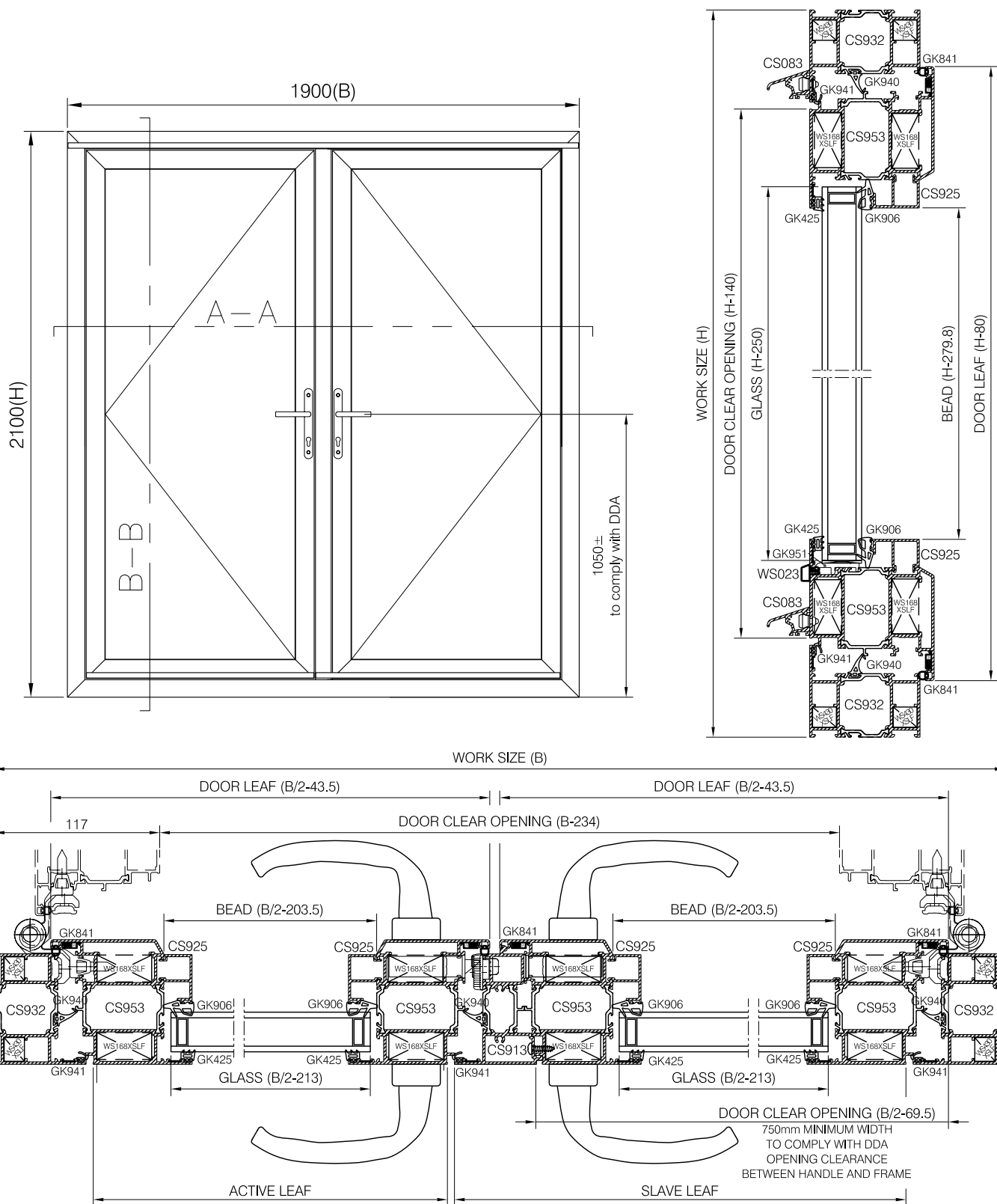
DOOR LEAF

GLASS WEIGHT = ((6mm + 6mm) x 2.5⁻⁶) x (750 x 995) = 22.39Kgs
 GLASS WEIGHT = ((6mm + 6mm) x 2.5⁻⁶) x (750 x 896) = 20.16Kgs

NOTE:

- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS
- *1050 TO COMPLY WITH DDA

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Cutting List Example for Rebated Door Outer Frame CS932
(2100mm x 1900mm)

FRAME - VERTICAL	CS932 — 2 @	H	2100mm	
FRAME - HORIZONTAL	CS932 — 2 @	B	1900mm	
DRIP - HEAD	CS083 — 1 @	B - 5	1895mm	
WEATHER SEAL GASKET	GK941 — 2 @	H - 116	1984mm	
WEATHER SEAL GASKET	GK941 — 2 @	B - 116	1794mm	
CENTRE SEAL GASKET	GK940 — 2 @	H - 85	2015mm	
CENTRE SEAL GASKET	GK940 — 2 @	B - 85	1815mm	
CLEAT FOR OUTERFRAME	WS430XSFLF—8@	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFLF—4@	—	—	

Cutting List Example for Rebated Door Leaf CS953
(2100mm x 1900mm)

LEAF - VERTICAL	CS953 — 4 @	H - 80	2020mm	
LEAF - HORIZONTAL	CS953 — 4 @	B/2 - 43.5	906.5mm	
FLOATING MULLION	CS913 — 1 @	H - 145	1955mm	
BEAD - VERTICAL	CS925 — 4 @	H - 279.8	1820.2mm	
BEAD - HORIZONTAL	CS925 — 4 @	B/2 - 203.5	746.5mm	
DRIP BOTTOM (ACTIVE SIDE)	CS083 — 1 @	B/2 - 103.5	846.5mm	
DRIP BOTTOM (SLAVE SIDE)	CS083 — 1 @	B/2 - 41.5	908.5mm	
WEATHER SEAL GASKET	GK841 — 4 @	H - 81	2019mm	
WEATHER SEAL GASKET	GK841 — 4 @	B/2 - 43	907mm	
CAPTIVE GASKET - VERTICAL	GK425 — 4 @	H - 264	1836mm	
CAPTIVE GASKET - HORIZONTAL	GK425 — 4 @	B/2 - 226	724mm	
WEDGE GASKET - VERTICAL	GK906 — 4 @	H - 238	1862mm	
WEDGE GASKET - HORIZONTAL	GK906 — 4 @	B/2 - 200	750mm	
CLEAT FOR DOOR VENT	WS168XSFLF—16@	—	—	
PIN FOR CLEAT WS168XSFLF	WS099XSFLF—32@	—	—	
CHEVRON FOR DOOR VENT	WS015XSFLF—8@	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFLF—8@	—	—	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951 — 4
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN850EWHT — 3
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFLF — 1
ROLLER KEEP	LK834XSFLF — 2
HOOK KEEPS	LK840XSFLF — 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFLF — 1
CYLINDER (3KEYS)	LK090BSVR — 1
SLAVE LEAF CENTRE SECTION	LK855XSFLF — 1
TOP SHOOT	LK832XSFLF — 1
BOTTOM SHOOT	LK857XSFLF — 1
SINGLE SHOOT KEEP	LK833XSFLF — 2
SINGLE SHOOT KEEP PACKER LEFT/RIGHT	LK838/839XSFLF — 2
LEVER HANDLE (PAIR)	HN882EWHT — 2
140mm x 8mm SPINDLE	SP900XSFLF — 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFLF — 10
LIFTING WEDGE (PAIR)	WS561DBLK — 6
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08 — 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT — 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913EWHT — 1
120mm MACHINE SCREW - PACK 10	FX900XSFLF — 1

SECURITY OPTION HARDWARE AND ACCESSORIES

GLAZING SUPPORT	GK951 — 4
RIGHT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN901EWHT — 2
LEFT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN902EWHT — 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFLF — 1
ROLLER KEEP	LK834XSFLF — 2
HOOK KEEPS	LK840XSFLF — 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFLF — 1
CYLINDER (3KEYS)	LK091BSVR — 1
SINGLE DOOR SHOOTBOLT KEEP	LK833XSFLF — 1
CENTRE/2 ROLLERS & LATCH	LK835XSFLF — 1
TOP SHOOT EXT & HOOK 2150-2275	LK836XSFLF — 1
BOTTOM SHOOT EXT & HOOK	LK837XSFLF — 1
SINGLE SHOOT KEEP LEFT/RIGHT PACKER	LK838/839XSFLF — 4
CENTRE / NO ROLLER OR LATCH	LK855XSFLF — 1
TOP SHOOT	LK832XSFLF — 1
BOTTOM SHOOT	LK857XSFLF — 1
LEVER HANDLE (PAIR)	HN882EWHT — 2
140mm x 8mm SPINDLE	SP900XSFLF — 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFLF — 10
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08 — 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS021EWHT — 4
LIFTING WEDGE (PAIR)	WS561DBLK — 6
THEFT CLAW SASH PART	LK810XSFLF — 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913EWHT — 1
120mm MACHINE SCREW - PACK 10	FX900XSFLF — 1

GLASS SIZE (28mm)

GH=H-250	2 @ GB=B/2-213
1850	737

DOOR LEAF

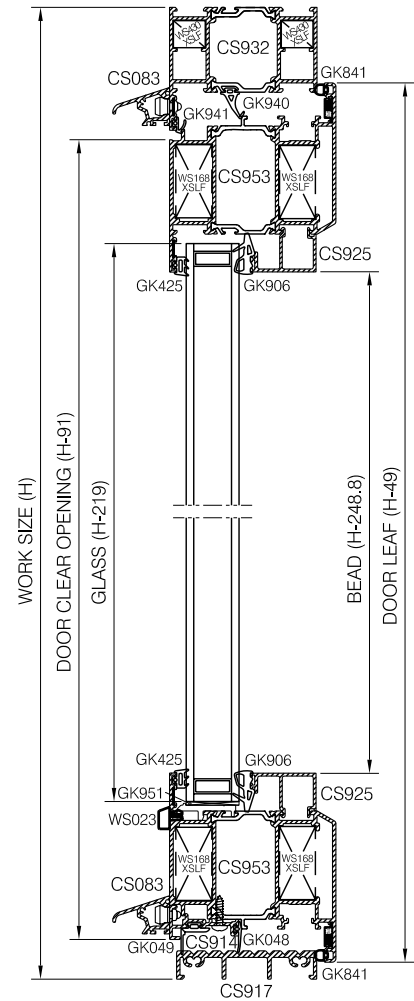
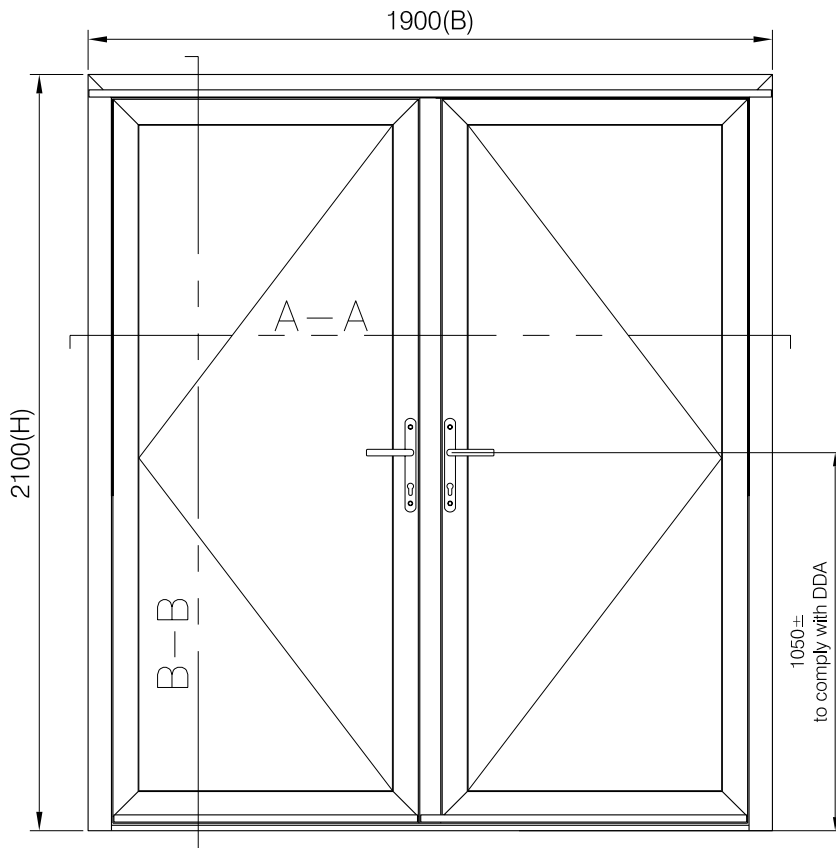
GLASS WEIGHT = ((6mm + 6mm) x 2.5⁻⁶) x (1850 x (2 x 737)) = 81.81Kgs

NOTE:

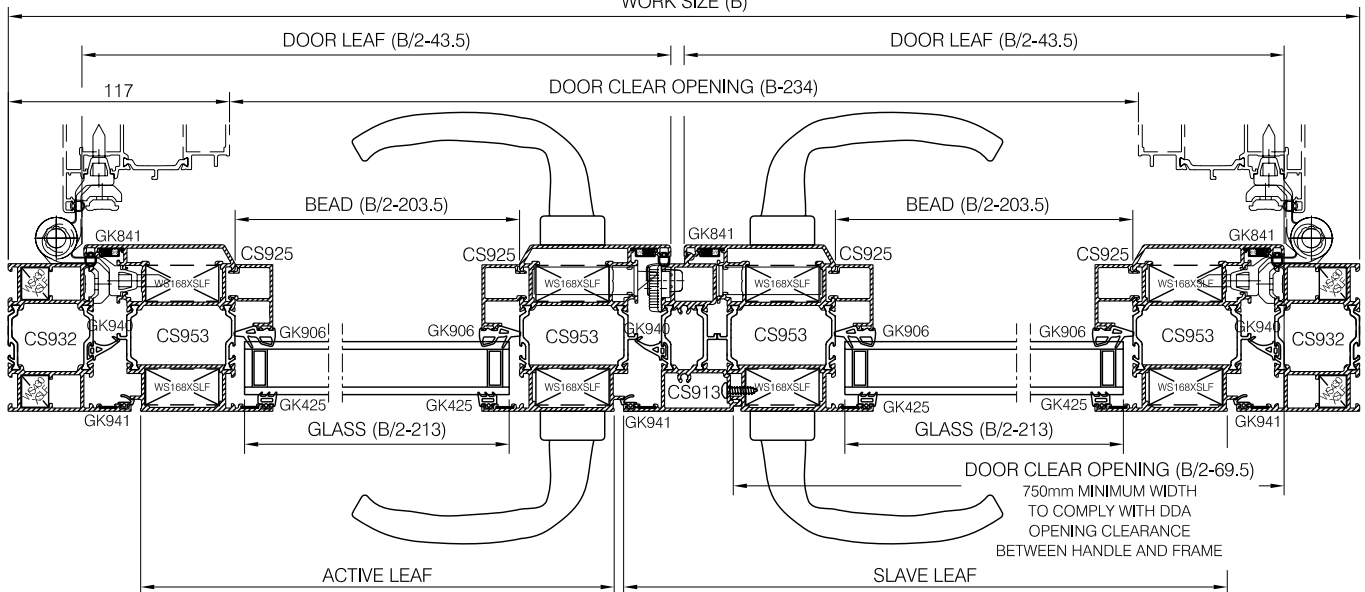
- ADD 3% TO GASKET LENGHT

- FOR SECURITY OPTION HORIZONTAL
BEADS ARE FIXED WITH SCREWS

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WORK SIZE (B)



Cutting List Example for Rebated Door Outer Frame CS932
(2100mm x 1900mm)

FRAME - VERTICAL	CS932	— 2 @	H	2100mm	
FRAME - HORIZONTAL	CS932	— 1 @	B	1900mm	
LOW THRESHOLD	CS917	— 1 @	B - 90	1810mm	
DRIP - HEAD	CS083	— 1 @	B - 5	1895mm	
WEATHER SEAL GASKET	GK941	— 2 @	H - 85	2015mm	
WEATHER SEAL GASKET	GK941	— 1 @	B - 116	1795mm	
CENTRE SEAL GASKET	GK940	— 2 @	H - 51	2049mm	
CENTRE SEAL GASKET	GK940	— 1 @	B - 85	1815mm	
CLEAT FOR OUTERFRAME	WS430XSFL	— 4 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFL	— 2 @	—	—	

Cutting List Example for Rebated Door Leaf CS953
(2100mm x 1900mm)

LEAF - VERTICAL	CS953	— 4 @	H - 49	2051mm	
LEAF - HORIZONTAL	CS953	— 4 @	B/2 - 43.5	906.5mm	
FLOATING MULLION	CS913	— 1 @	H - 112	1988mm	
LOW THRESHOLD-G.CARRIER	CS914	— 1 @	B-90	1810mm	
BEAD - VERTICAL	CS925	— 4 @	H - 248.8	1851.2mm	
BEAD - HORIZONTAL	CS925	— 4 @	B/2-203.5	746.5mm	
DRIP BOTTOM (ACTIVE SIDE)	CS083	— 1 @	B/2-108.5	841.5mm	
DRIP BOTTOM (SLAVE SIDE)	CS083	— 1 @	B/2 - 46.5	903.5mm	
WEATHER SEAL GASKET	GK841	— 4 @	H - 50	2050mm	
WEATHER SEAL GASKET	GK841	— 4 @	B/2 - 44	906mm	
CAPTIVE GASKET - VERTICAL	GK425	— 4 @	H - 233	1867mm	
CAPTIVE GASKET- HORIZONTAL	GK425	— 4 @	B/2 - 226	724mm	
WEDGE GASKET-VERTICAL	GK906	— 4 @	H - 207	1893mm	
WEDGE GASKET-HORIZONTAL	GK906	— 4 @	B/2 - 200	750mm	
EXTERNAL SEAL	GK048	— 1 @	B/2 - 44	906mm	
OUTER SEAL	GK049	— 1 @	B/2 - 44	906mm	
CLEAT FOR DOOR VENT	WS168XSFL	— 16 @	—	—	
PIN FOR CLEAT WS168XSFL	WS099XSFL	— 32 @	—	—	
CHEVRON FOR DOOR VENT	WS015XSFL	— 8 @	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFL	— 8 @	—	—	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951	— 4
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN850EWHT	— 3
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
SLAVE LEAF CENTRE SECTION	LK855XSFL	— 1
TOP SHOOT	LK832XSFL	— 1
BOTTOM SHOOT	LK857XSFL	— 1
SINGLE SHOOT KEEP	LK833XSFL	— 2
SINGLE SHOOT KEEP PACKER LEFT/RIGHT	LK838/839XSFL	— 2
LEVER HANDLE (PAIR)	HN882EWHT	— 2
140mm x 8mm SPINDLE	SP900XSFL	— 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT	— 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913DBLK	— 1
END CAP FOR FLOATING MULLION CS913	EC924DBLK	— 1
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

SECURITY OPTION HARDWARE AND ACCESSORIES

GLAZING SUPPORT	GK951	— 4
RIGHT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN901EWHT	— 2
LEFT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN902EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
CYLINDER (3KEYS)	LK091BSVR	— 1
SINGLE DOOR SHOOTBOLT KEEP	LK833XSFL	— 1
CENTRE/2 ROLLERS & LATCH	LK835XSFL	— 1
TOP SHOOT EXT & HOOK 2150-2275	LK836XSFL	— 1
BOTTOM SHOOT EXT & HOOK	LK837XSFL	— 1
SINGLE SHOOT KEEP LEFT/RIGHT PACKER	LK838/839XSFL	— 4
CENTRE / NO ROLLER OR LATCH	LK855XSFL	— 1
TOP SHOOT	LK832XSFL	— 1
BOTTOM SHOOT	LK857XSFL	— 1
LEVER HANDLE (PAIR)	HN882EWHT	— 2
140mm x 8mm SPINDLE	SP900XSFL	— 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS021EWHT	— 4
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
THEFT CLAW SASH PART	LK810XSFL	— 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913DBLK	— 1
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC924DBLK	— 1
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

GLASS SIZE (28mm)

GH=H-219	2 @ GB=B/2-213
1881	737

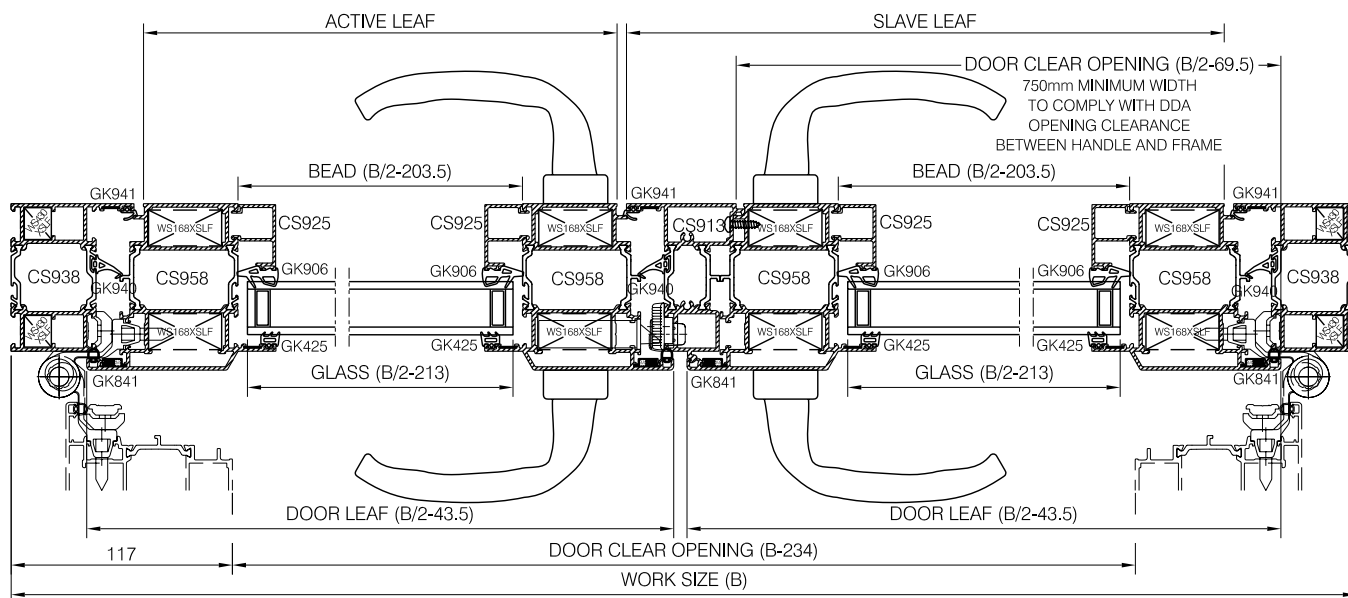
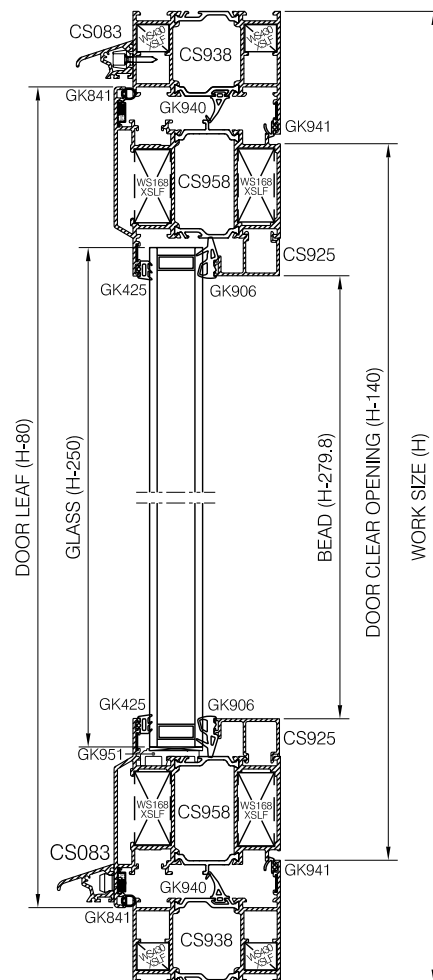
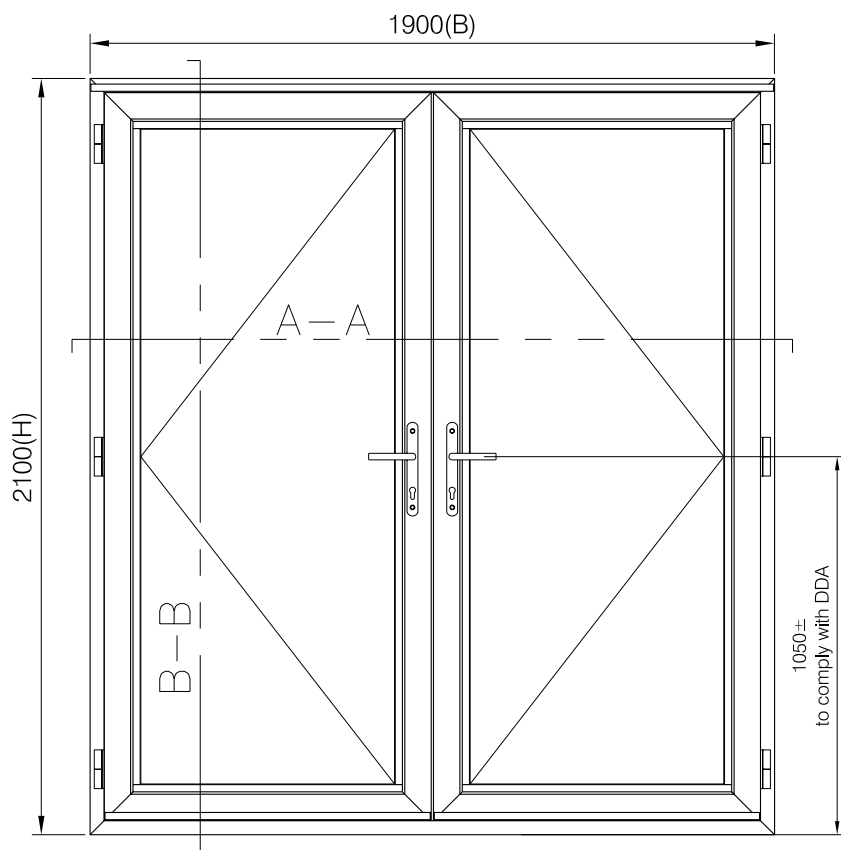
DOOR LEAF

GLASS WEIGHT = ((6mm + 6mm) x 2.5⁻⁶) x (1881 x (2 x 737)) = 83.18Kgs

NOTE:

- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS

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Cutting List Example for Rebated Door Outer Frame CS938
(2100mm x 1900mm)

FRAME - VERTICAL	CS938	— 2 @	H	2100mm	
FRAME - HORIZONTAL	CS938	— 2 @	B	1900mm	
DRIP - HEAD	CS083	— 1 @	B - 5	1895mm	
WEATHER SEAL GASKET	GK941	— 2 @	H - 116	1984mm	
WEATHER SEAL GASKET	GK941	— 2 @	B - 116	1794mm	
CENTRE SEAL GASKET	GK940	— 2 @	H - 85	2015mm	
CENTRE SEAL GASKET	GK940	— 2 @	B - 85	1815mm	
CLEAT FOR OUTERFRAME	WS430XSFLF	— 8 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFLF	— 4 @	—	—	

Cutting List Example for Rebated Door Leaf CS958
(2100mm x 1900mm)

LEAF - VERTICAL	CS958	— 4 @	H - 80	2020mm	
LEAF - HORIZONTAL	CS958	— 4 @	B/2 - 43.5	906.5mm	
FLOATING MULLION	CS913	— 1 @	H - 145	1955mm	
BEAD - VERTICAL	CS925	— 4 @	H - 279.8	1820.2mm	
BEAD - HORIZONTAL	CS925	— 4 @	B/2 - 203.5	746.5mm	
DRIP BOTTOM	CS083	— 2 @	B/2 - 48.5	901.5mm	
WEATHER SEAL GASKET	GK841	— 4 @	H - 81	2019mm	
WEATHER SEAL GASKET	GK841	— 4 @	B/2 - 43	907mm	
CAPTIVE GASKET - VERTICAL	GK425	— 4 @	H - 264	1836mm	
CAPTIVE GASKET - HORIZONTAL	GK425	— 4 @	B/2 - 226	724mm	
WEDGE GASKET - VERTICAL	GK906	— 4 @	H - 238	1862mm	
WEDGE GASKET - HORIZONTAL	GK906	— 4 @	B/2 - 200	750mm	
CLEAT FOR DOOR VENT	WS168XSFLF	— 16 @	—	—	
PIN FOR CLEAT WS168XSFLF	WS099XSFLF	— 32 @	—	—	
CHEVRON FOR DOOR VENT	WS015XSFLF	— 8 @	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFLF	— 8 @	—	—	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951	— 4
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN850EWHT	— 3
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFLF	— 1
ROLLER KEEP	LK834XSFLF	— 2
HOOK KEEPS	LK840XSFLF	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFLF	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
SLAVE LEAF CENTRE SECTION	LK855XSFLF	— 1
TOP SHOOT	LK832XSFLF	— 1
BOTTOM SHOOT	LK857XSFLF	— 1
SINGLE SHOOT KEEP	LK833XSFLF	— 2
SINGLE SHOOT KEEP PACKER LEFT/RIGHT	LK838/839XSFLF	— 2
LEVER HANDLE (PAIR)	HN882EWHT	— 2
140mm x 8mm SPINDLE	SP900XSFLF	— 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFLF	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913EWHT	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFLF	— 1

GLASS SIZE (28mm)

GH=H-250	2 @ GB=B/2-213
1850	737

SECURITY OPTION HARDWARE AND ACCESSORIES

GLAZING SUPPORT	GK951	— 4
RIGHT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN901EWHT	— 2
LEFT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN902EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFLF	— 1
ROLLER KEEP	LK834XSFLF	— 2
HOOK KEEPS	LK840XSFLF	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFLF	— 1
CYLINDER - OPEN OUT - (3KEYS)	LK091BSVRE	— 1
SINGLE DOOR SHOOTBOLT KEEP	LK833XSFLF	— 1
CENTRE/2 ROLLERS & LATCH	LK835XSFLF	— 1
TOP SHOOT EXT & HOOK 2150-2275	LK836XSFLF	— 1
BOTTOM SHOOT EXT & HOOK	LK837XSFLF	— 1
SINGLE SHOOT KEEP LEFT/RIGHT PACKER	LK838/839XSFLF	— 4
CENTRE / NO ROLLER OR LATCH	LK855XSFLF	— 1
TOP SHOOT	LK832XSFLF	— 1
BOTTOM SHOOT	LK857XSFLF	— 1
LEVER HANDLE (PAIR)	HN882EWHT	— 2
140mm x 8mm SPINDLE	SP900XSFLF	— 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFLF	— 10
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
THEFT CLAW SASH PART	LK810XSFLF	— 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913EWHT	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFLF	— 1

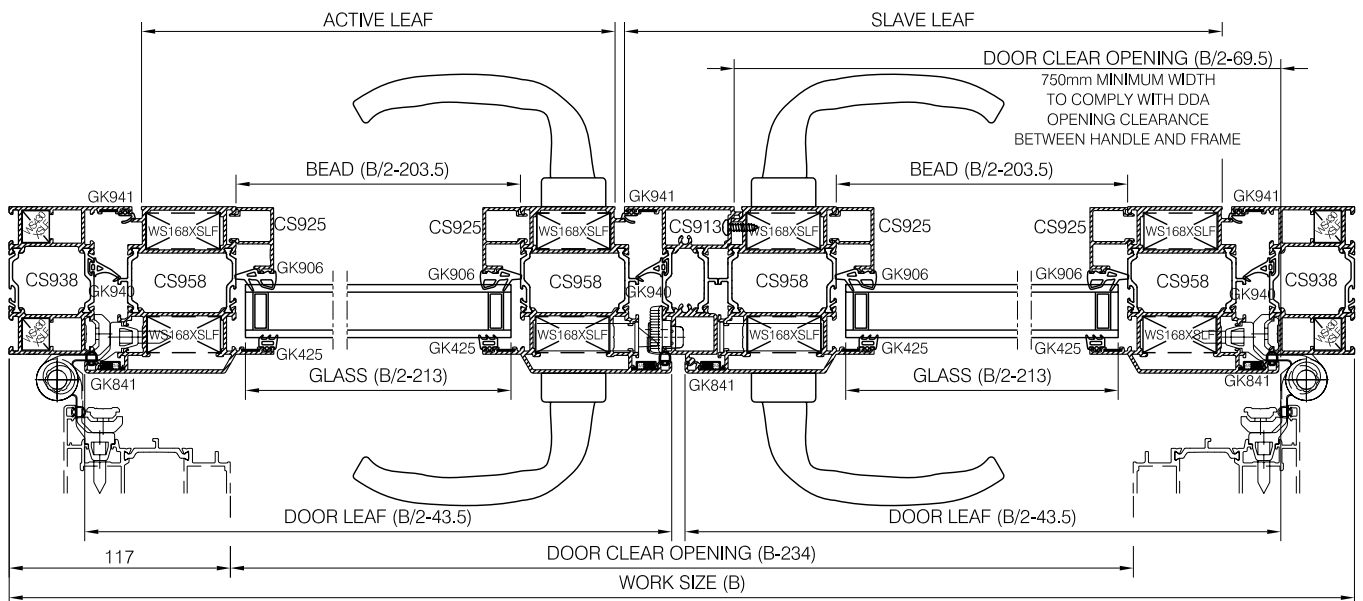
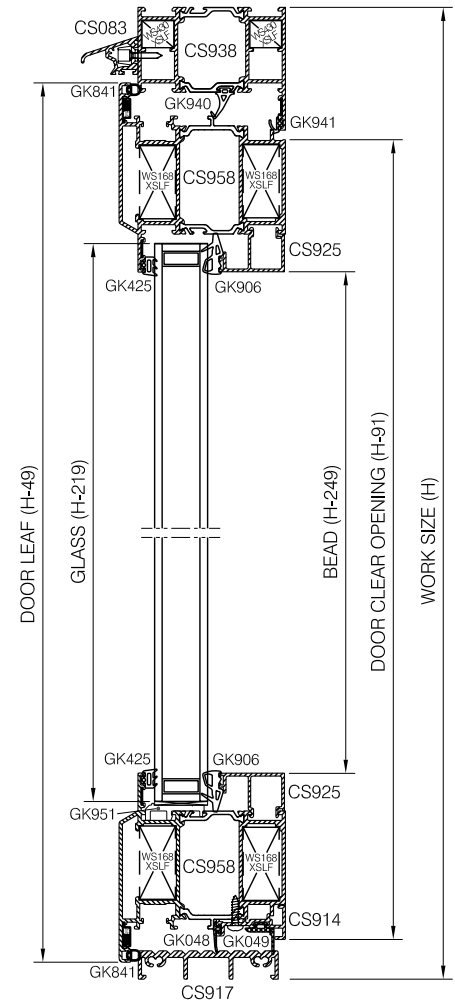
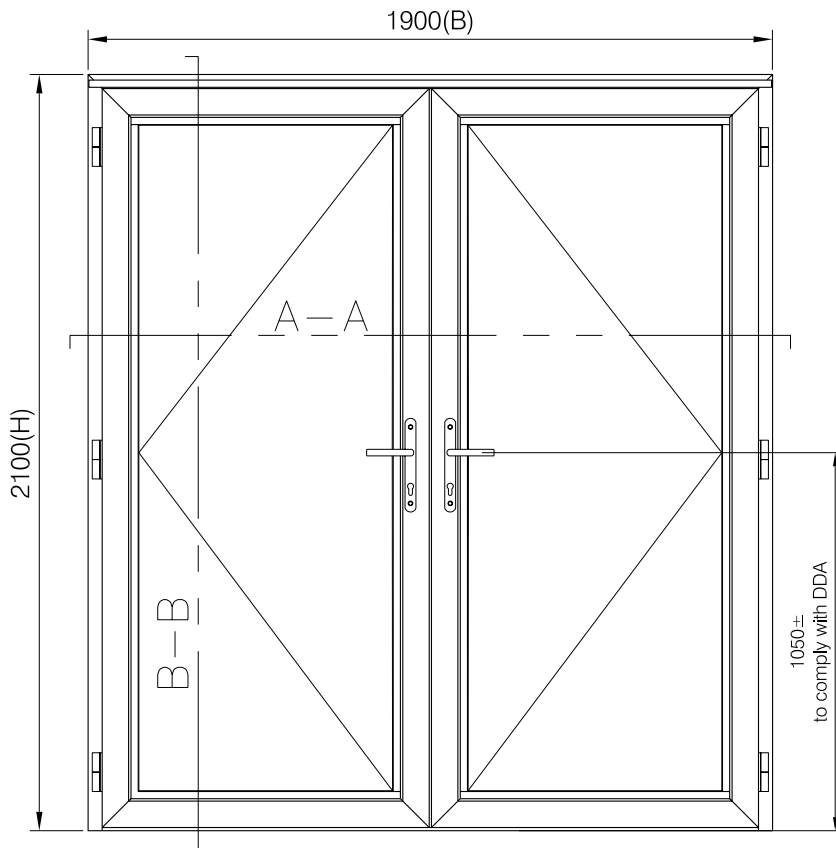
DOOR LEAF

GLASS WEIGHT = ((6mm + 6mm) x 2.5⁻⁶) x (1850 x (2 x 737)) = 81.81Kgs

NOTE:

- ADD 3% TO GASKET LENGTH
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS

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Cutting List Example for Rebated Door Outer Frame CS938
(2100mm x 1900mm)

FRAME - VERTICAL	CS938	— 2 @	H	2100mm	
FRAME - HORIZONTAL	CS938	— 1 @	B	1900mm	
LOW THRESHOLD	CS917	— 1 @	B - 90	1810mm	
DRIP - HEAD	CS083	— 1 @	B - 5	1895mm	
WEATHER SEAL GASKET	GK941	— 2 @	H - 85	2015mm	
WEATHER SEAL GASKET	GK941	— 1 @	B - 116	1795mm	
CENTRE SEAL GASKET	GK940	— 2 @	H - 51	2049mm	
CENTRE SEAL GASKET	GK940	— 1 @	B - 85	1815mm	
CLEAT FOR OUTERFRAME	WS430XSFL	— 4 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFL	— 2 @	—	—	

Cutting List Example for Rebated Door Leaf CS958
(2100mm x 1900mm)

LEAF - VERTICAL	CS958	— 4 @	H - 49	2051mm	
LEAF - HORIZONTAL	CS958	— 4 @	B/2 - 43.5	906.5mm	
FLOATING MULLION	CS913	— 1 @	H - 114	1986mm	
LOW THRESHOLD-G.CARRIER	CS914	— 1 @	B-90	1810mm	
BEAD - VERTICAL	CS925	— 4 @	H - 248.8	1851.2mm	
BEAD - HORIZONTAL	CS925	— 4 @	B/2-203.5	746.5mm	
WEATHER SEAL GASKET	GK841	— 4 @	H - 50	2050mm	
WEATHER SEAL GASKET	GK841	— 4 @	B/2 - 44	906mm	
CAPTIVE GASKET - VERTICAL	GK425	— 4 @	H - 233	1867mm	
CAPTIVE GASKET - HORIZONTAL	GK425	— 4 @	B/2 - 226	724mm	
WEDGE GASKET-VERTICAL	GK906	— 4 @	H - 207	1893mm	
WEDGE GASKET-HORIZONTAL	GK906	— 4 @	B/2 - 200	750mm	
EXTERNAL SEAL	GK048	— 1 @	B/2 - 44	906mm	
OUTER SEAL	GK049	— 1 @	B/2 - 44	906mm	
CLEAT FOR DOOR LEAF	WS168XSFL	— 16 @	—	—	
PIN FOR CLEAT WS168XSFL	WS099XSFL	— 32 @	—	—	
CHEVRON FOR DOOR VENT	WS015XSFL	— 8 @	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFL	— 8 @	—	—	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951	— 4
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN850EWHT	— 3
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
C7Pi CYLINDER (3KEYS)	LK090BSVR	— 1
SLAVE LEAF CENTRE SECTION	LK855XSFL	— 1
TOP SHOOT	LK832XSFL	— 1
BOTTOM SHOOT	LK857XSFL	— 1
SINGLE SHOOT KEEP	LK833XSFL	— 2
SINGLE SHOOT KEEP PACKER LEFT/RIGHT	LK838/839XSFL	— 2
LEVER HANDLE (PAIR)	HN882EWHT	— 2
140mm x 8mm SPINDLE	SP900XSFL	— 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913DBLK	— 1
END CAP FOR FLOATING MULLION CS913	EC924DBLK	— 1
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

SECURITY OPTION HARDWARE AND ACCESSORIES

GLAZING SUPPORT	GK951	— 4
RIGHT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN901EWHT	— 2
LEFT HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN902EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
C7Pi CYLINDER - OPEN OUT- (3KEYS)	LK091BSVRE	— 1
SINGLE DOOR SHOOTBOLT KEEP	LK833XSFL	— 1
CENTRE/2 ROLLERS & LATCH	LK835XSFL	— 1
TOP SHOOT EXT & HOOK 2150-2275	LK836XSFL	— 1
BOTTOM SHOOT EXT & HOOK	LK837XSFL	— 1
SINGLE SHOOT KEEP LEFT/RIGHT PACKER	LK838/839XSFL	— 4
CENTRE / NO ROLLER OR LATCH	LK855XSFL	— 1
TOP SHOOT	LK832XSFL	— 1
BOTTOM SHOOT	LK857XSFL	— 1
LEVER HANDLE (PAIR)	HN882EWHT	— 2
140mm x 8mm SPINDLE	SP900XSFL	— 2
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
THEFT CLAW SASH PART	LK810XSFL	— 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913DBLK	— 1
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC924DBLK	— 1
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

GLASS SIZE (28mm)

GH=H-219	2 @ GB=B/2-213
1881	737

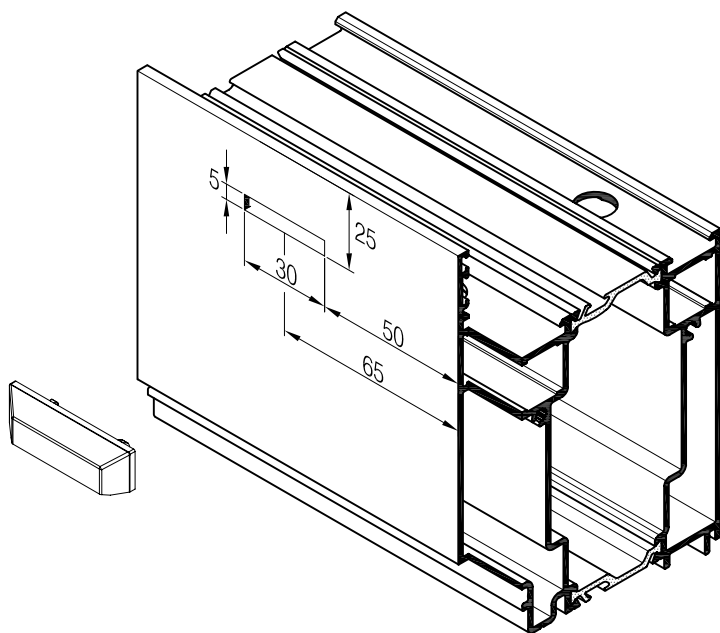
DOOR LEAF

$$\text{GLASS WEIGHT} = ((6\text{mm} + 6\text{mm}) \times 2.5^{\text{°}}) \times (1881 \times (2 \times 737)) = 83.18\text{Kg}$$

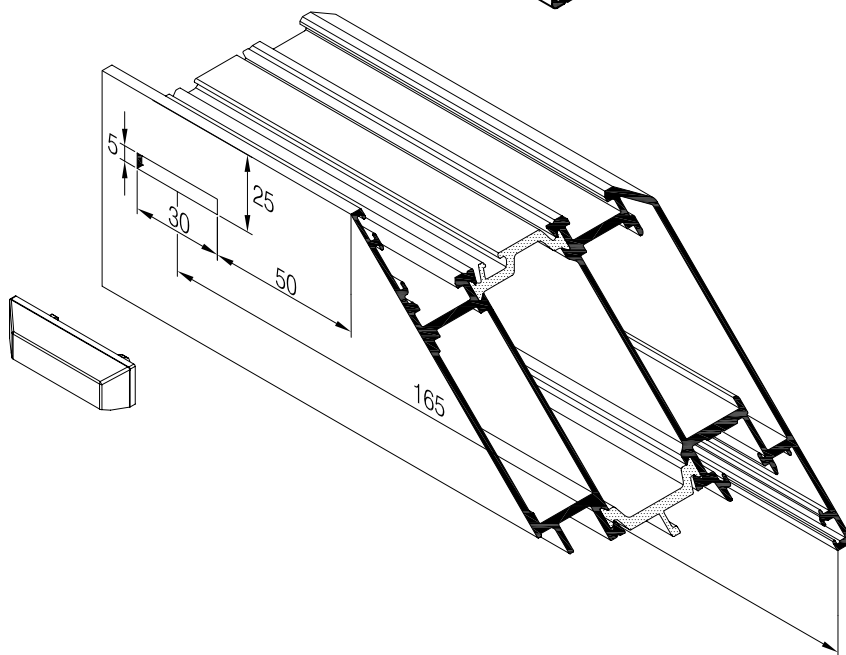
NOTE:

- ADD 3% TO GASKET LENGTH
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS

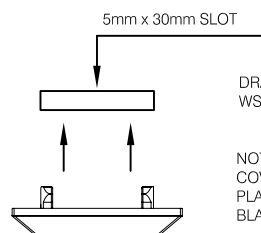
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CS907
TOOLING REF:
COM9Pi T1 S1



CS953
TOOLING REF:
COM9Pi T1 S1



DRAIN CAP REFERENCE :
WS023

NOTE :-
COVER CAPS SHOULD BE GLUED IN
PLACE WITH ADHESIVE REF: SE007
BLACK OR WHITE

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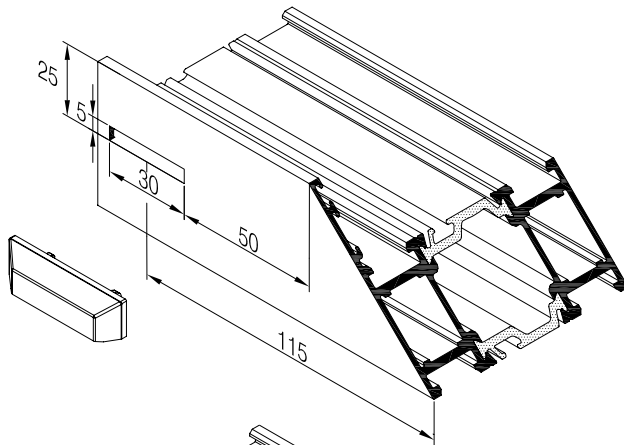


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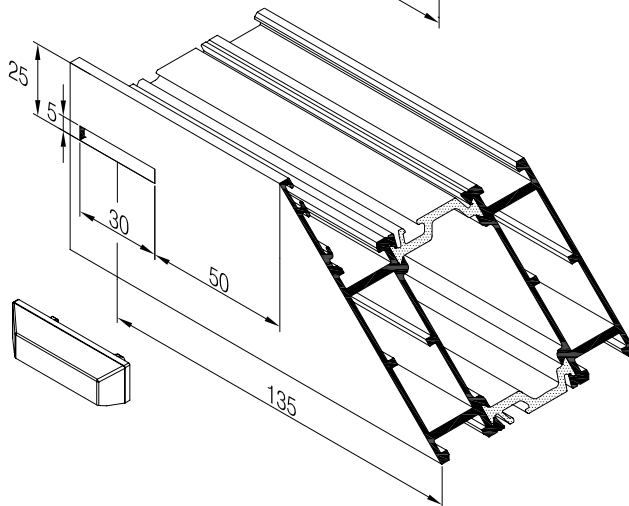


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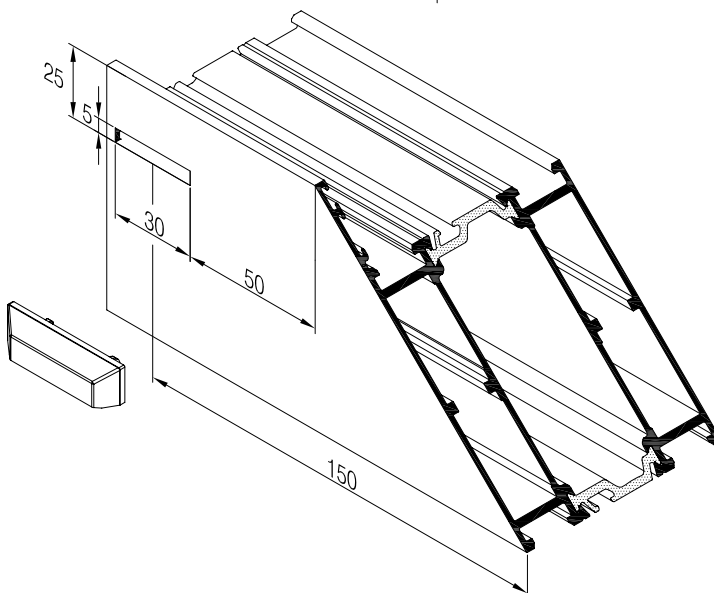
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DRAWN	OP / CAD	
DRG. No.	C9 Pi-PF-RD 3.17	



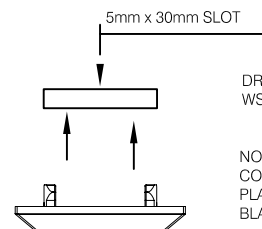
CS931
TOOLING REF:
COM9Pi T1 S1



CS932
TOOLING REF:
COM9Pi T1 S1



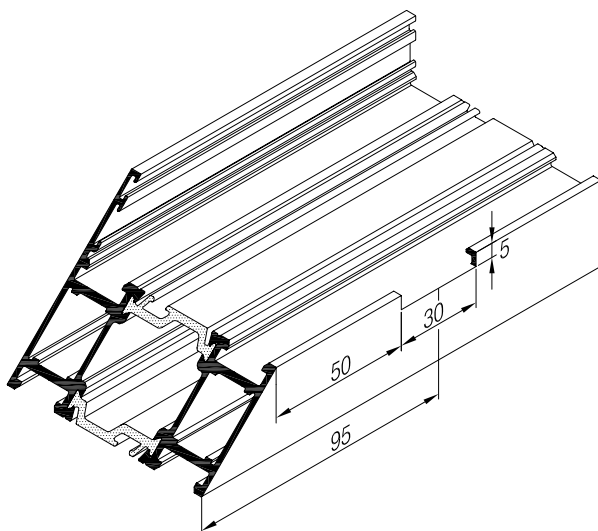
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TOOLING REF:
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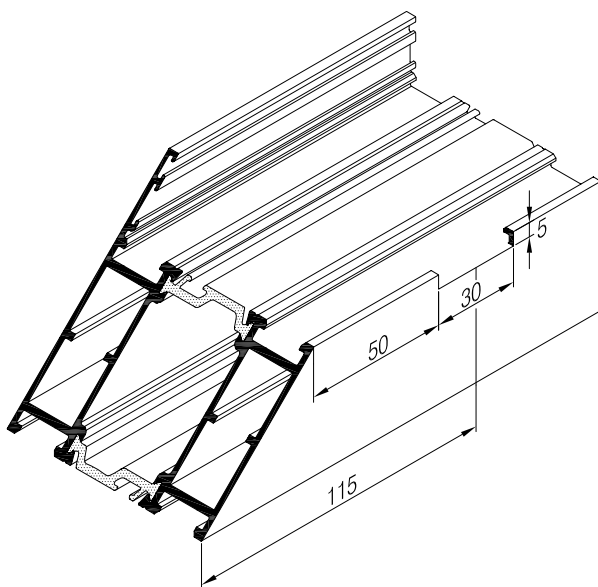
DRAIN CAP REFERENCE :
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NOTE :-
COVER CAPS SHOULD BE GLUED IN
PLACE WITH ADHESIVE REF: SE007
BLACK OR WHITE



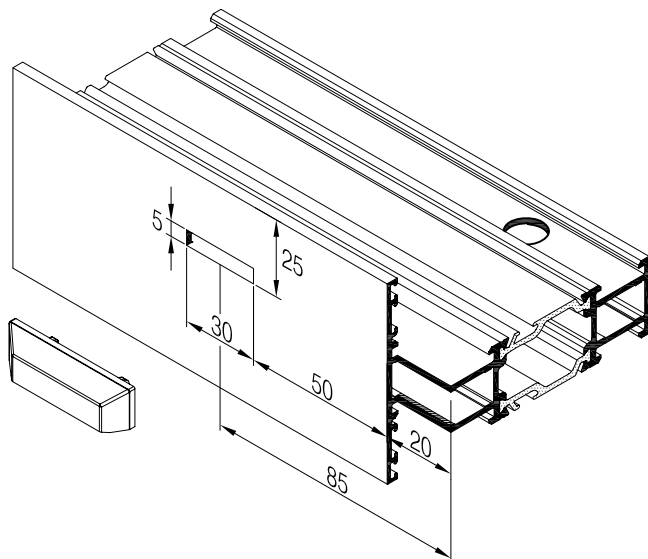


CS937
TOOLING REF:
COM9Pi T1 S7

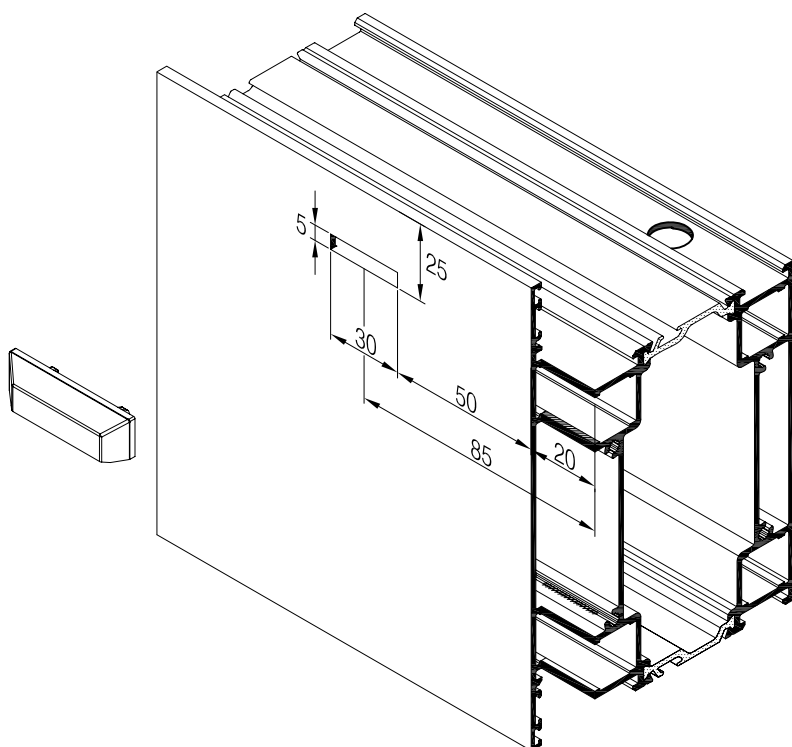


CS938
TOOLING REF:
COM9Pi T1 S7

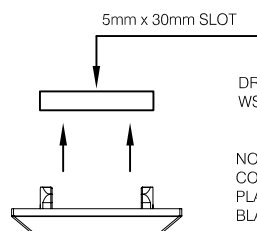




CS940 / CS941
CS942 / CS943
TOOLING REF:
COM9Pi T1 S1



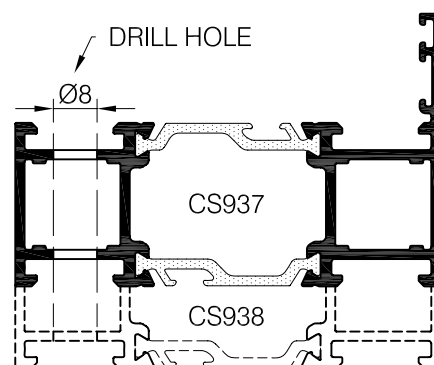
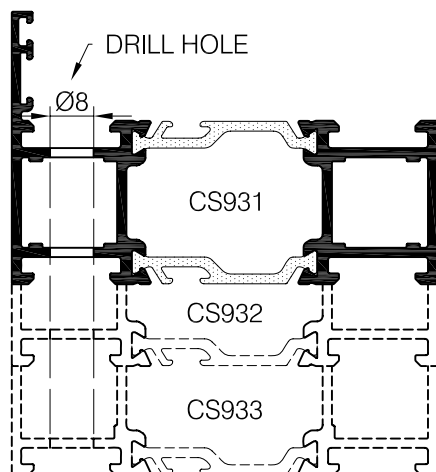
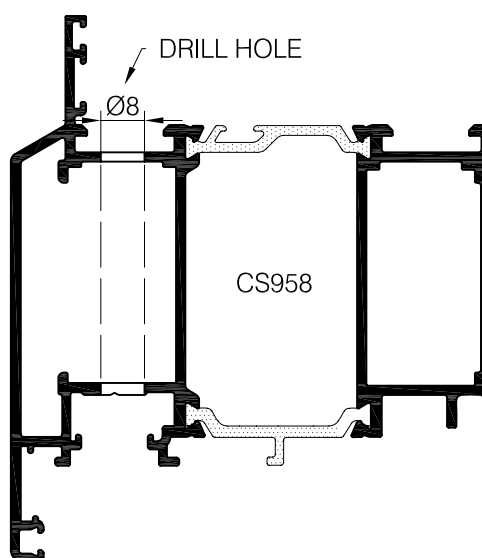
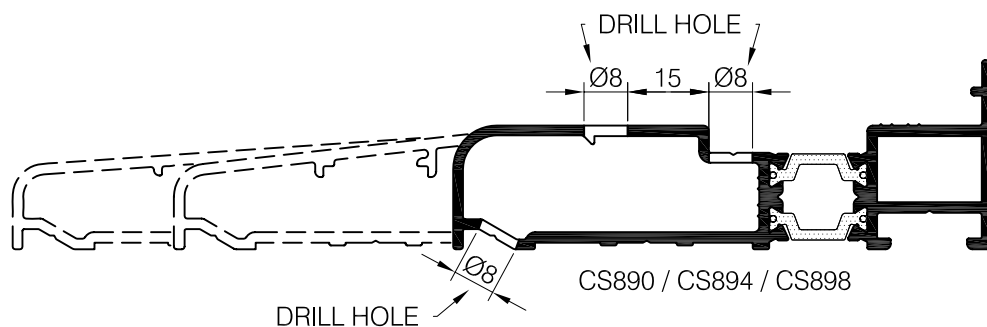
CS944 / CS945
TOOLING REF:
COM9Pi T1 S1

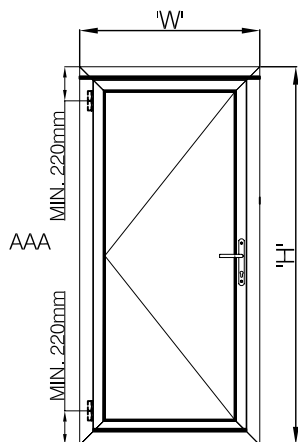


DRAIN CAP REFERENCE :
WS023

NOTE :-
COVER CAPS SHOULD BE GLUED IN
PLACE WITH ADHESIVE REF: SE007
BLACK OR WHITE







TWO HINGES FITTED
FOR A LIGHT DUTY USE

MAX DOOR SIZE WIDTH 1100 mm
MAX DOOR SIZE HEIGHT 2400 mm
MAX WEIGHT 90 Kgs

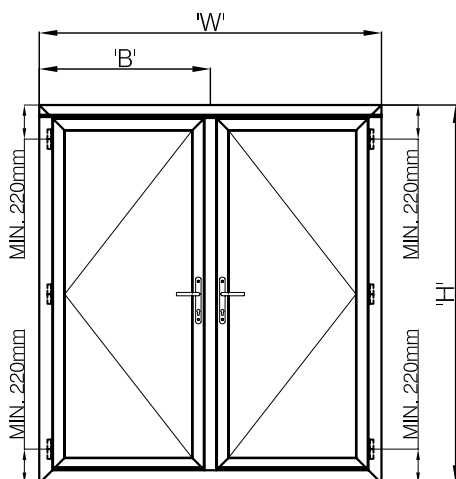
STANDARD HINGE:
HN850EWHT/HN850BSVR

SECURITY HINGE:
RIGHT HN901EWHT/HN901BSVR
LEFT HN902EWHT/HN902BSVR

For external open out doors provision must be made to protect the door from adjacent walls and obstruction.

Doors should not exceed an area of 2.2m². For safety Comar do not recommend sizes exceeding limits (2.4m high or 1.1m width)

Note: EWHT and BSVR refers to the paint finish white or silver respectively.

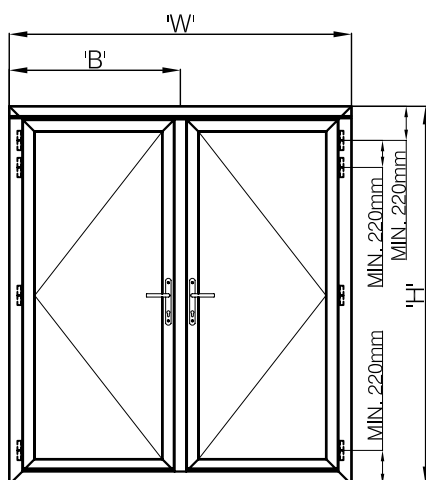


THREE HINGES FITTED FOR A NORMAL DUTY USE

MAX DOOR SIZE WIDTH 1100 mm
MAX DOOR SIZE HEIGHT 2400 mm
MAX WEIGHT 90 Kgs

STANDARD HINGE:
HN850EWHT/HN850BSVR

SECURITY HINGE:
RIGHT HN901EWHT/HN901BSVR
LEFT HN902EWHT/HN902BSVR



FOUR HINGES FITTED FOR A HEAVY DUTY USE

MAX DOOR SIZE WIDTH 1100 mm
MAX DOOR SIZE HEIGHT 2400 mm
MAX WEIGHT 90 Kgs

STANDARD HINGE:
HN850EWHT/HN850BSVR

SECURITY HINGE:
RIGHT HN901EWHT/HN901BSVR
LEFT HN902EWHT/HN902BSVR

APPLICATIONS
SINGLE AND DOUBLE REBATED DOORS
FOR BUILDINGS WITH PUBLIC AND/OR DOMESTIC ACCESS

TWO HINGES ARE GENERALLY USED FOR A LIGHT DUTY USE.
THREE HINGES ARE GENERALLY USED FOR A NORMAL DUTY USE.
FOUR HINGES ARE GENERALLY USED FOR A HEAVY DUTY USE.



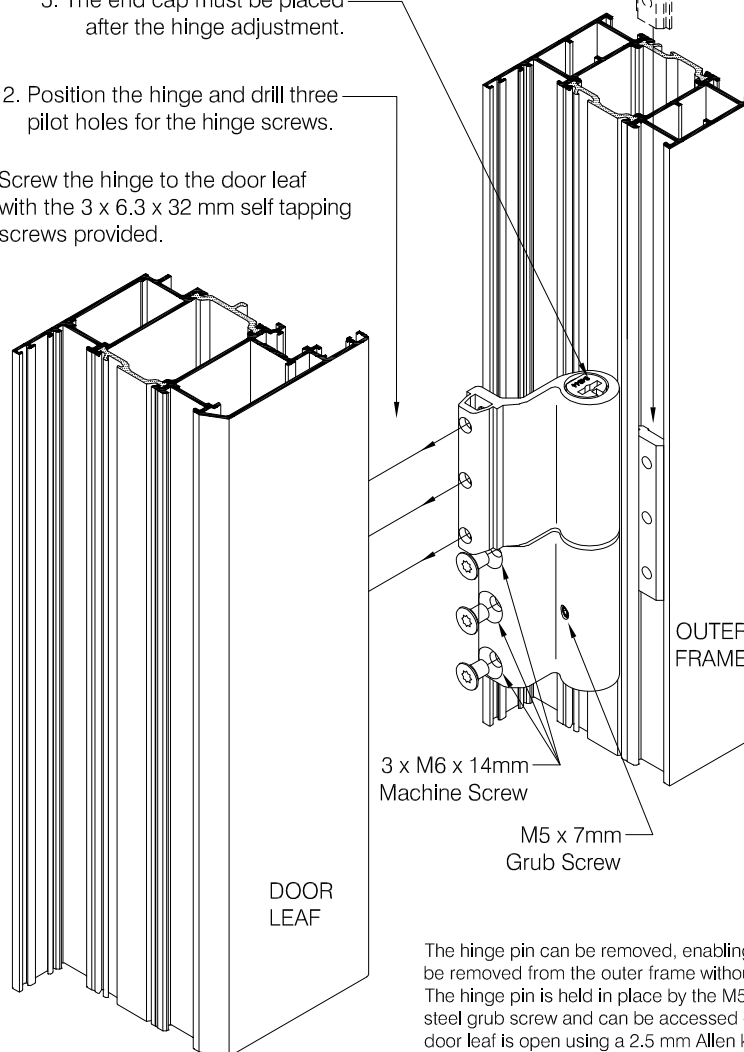
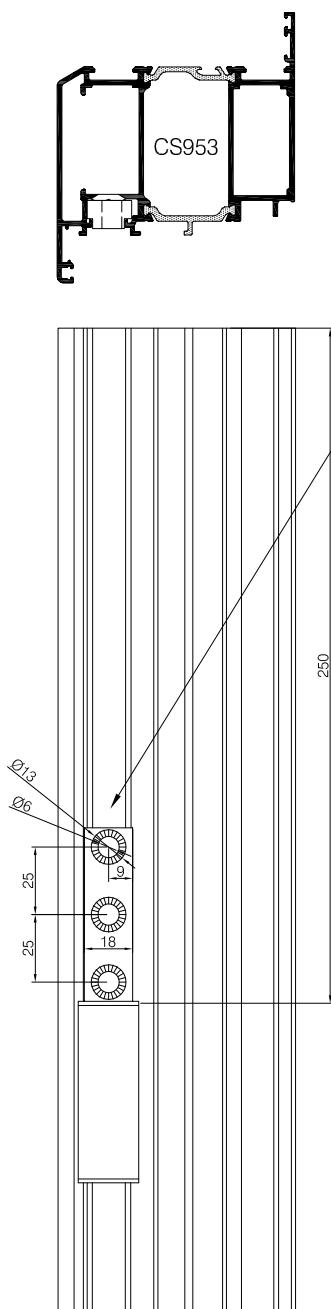
4. With the door installed the hinge has a side adjustment of the distance between the door leaf and the outer frame of ± 1 mm. Side adjustments can be made using a screwdriver. Height adjustments can be made by loosening the plate fixing screws on the outer frame and moving the hinge to the required position. Lock the M6 x 14mm stainless steel grub screw to secure.

1. Prior to assembly slide the hinge plate into the outer frame as shown and secure in position using the two M6 x 12 mm screws supplied.

5. The end cap must be placed after the hinge adjustment.

2. Position the hinge and drill three pilot holes for the hinge screws.

3. Screw the hinge to the door leaf with the 3 x 6.3 x 32 mm self tapping screws provided.



3 x M6 x 14mm
Machine Screw

M5 x 7mm
Grub Screw

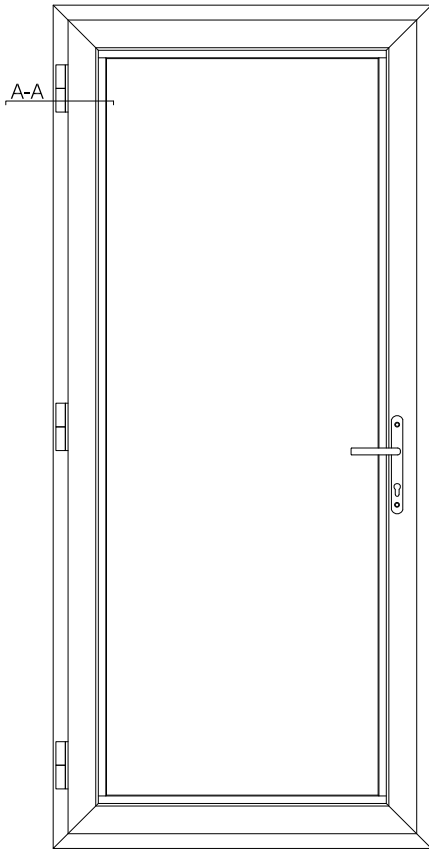
The hinge pin can be removed, enabling the door leaf to be removed from the outer frame without the need to lift it. The hinge pin is held in place by the M5 x 7 mm stainless steel grub screw and can be accessed only when the door leaf is open using a 2.5 mm Allen key. The hinge is supplied fully pre-assembled for right-hand opening.

CAUTION:

To avoid an accident while removing the door leaf, the door leaf should be supported while removing the hinge pin.

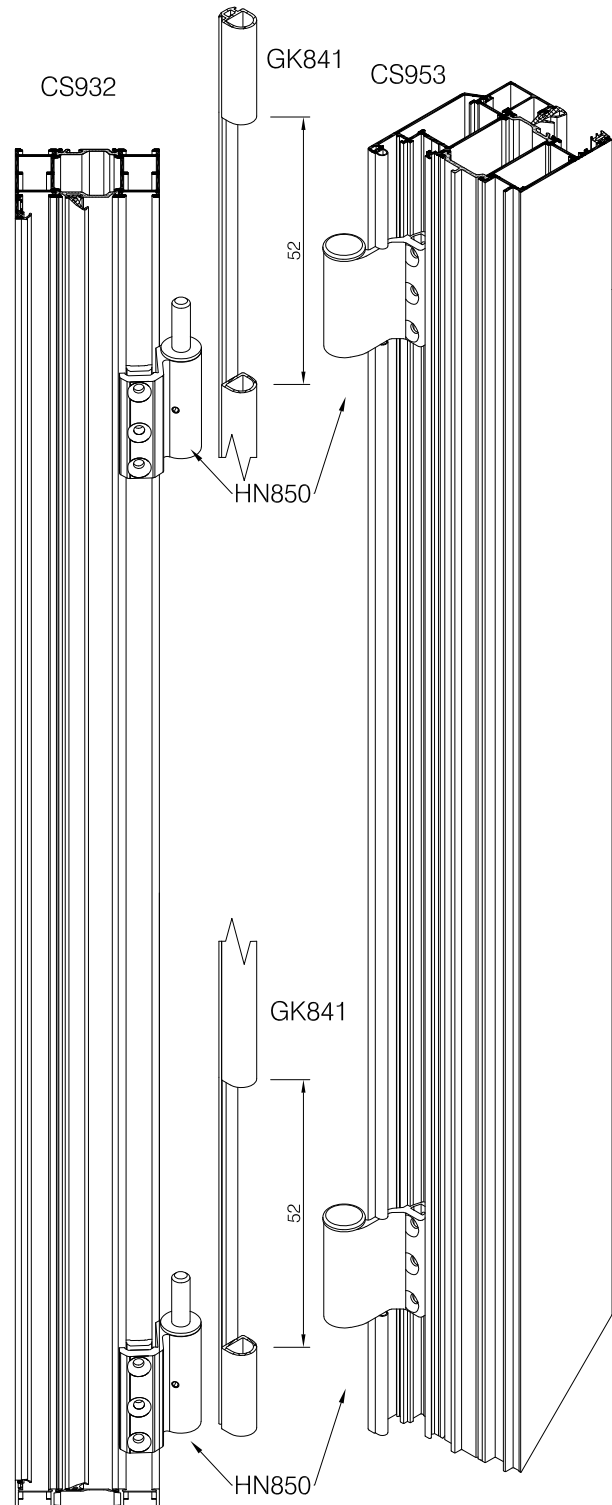
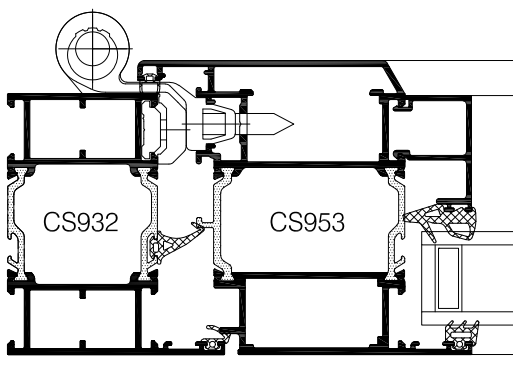
The stainless pin is completely removable, enabling the leaf to be easily removed from the frame without lifting it. The pin is held by M5 x 7 stainless grub screw, which can be accessed when leaf is open, using 2.5mm Allen key. The hinge is supplied fully pre-assembled for right-hand opening.





HN850

VIEW ON A-A



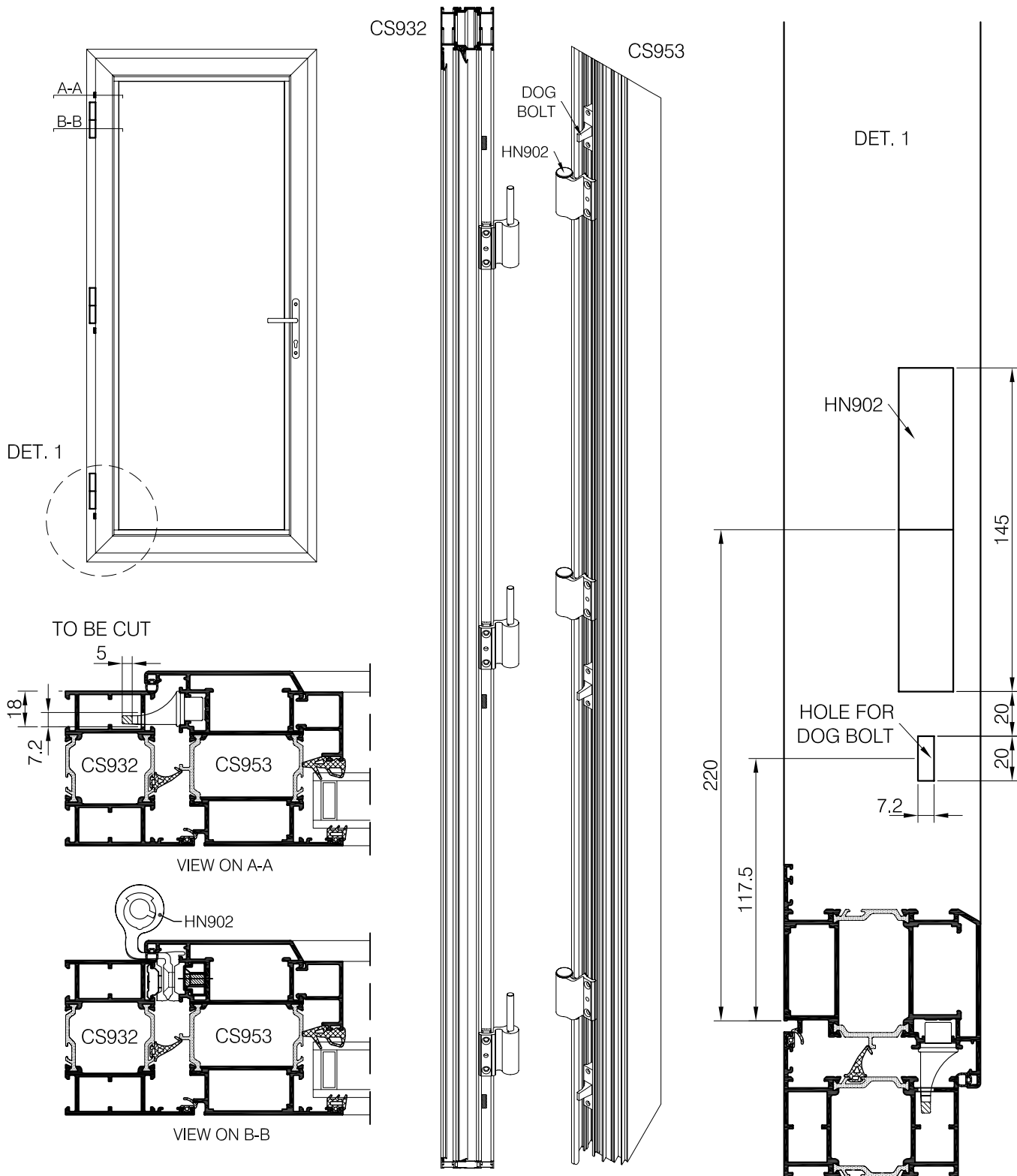
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DATE	08-03-2019	
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COM9Pi T2 S2
COM9Pi T2 S3
SEE PAGE 4.03 FOR DETAILS

CS905

WS015XSFL
CHEVRON

WS430XSFL
MECHANICAL CLEAT

WS130XSFL
MECHANICAL CLEAT

M4x8 GRUB SCREW
(OPTIONAL)

WS092XSFL
PIN FOR MECHANICAL
CLEAT WS130 XSFL

CS931

COM9Pi T2 S3
SEE PAGE 4.04 FOR DETAILS

WS015XSFL
CHEVRON

WS430XSFL
MECHANICAL CLEAT



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COM9Pi T2 S3
SEE PAGE 4.05 FOR DETAILS

CS932

WS430XSFL
MECHANICAL CLEAT

WS015XSFL
CHEVRON

CS933

WS015XSFL
CHEVRON

COM9Pi T1 S3
SEE PAGE 4.06 FOR DETAILS

WS337XSFL
MECHANICAL CLEAT



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DATE	10-04-2010	
DRAWN	OP / CAD	
DRG. No.	C9 Pi-PF-RD 3.27	

COM9Pi T2 S3
SEE PAGE 4.04 FOR DETAILS

CS937

WS015XSLF
CHEVRON

WS430XSLF
MECHANICAL CLEAT

CS938

WS015XSLF
CHEVRON

WS430XSLF
MECHANICAL CLEAT

COM9Pi T2 S3
SEE PAGE 4.05 FOR DETAILS



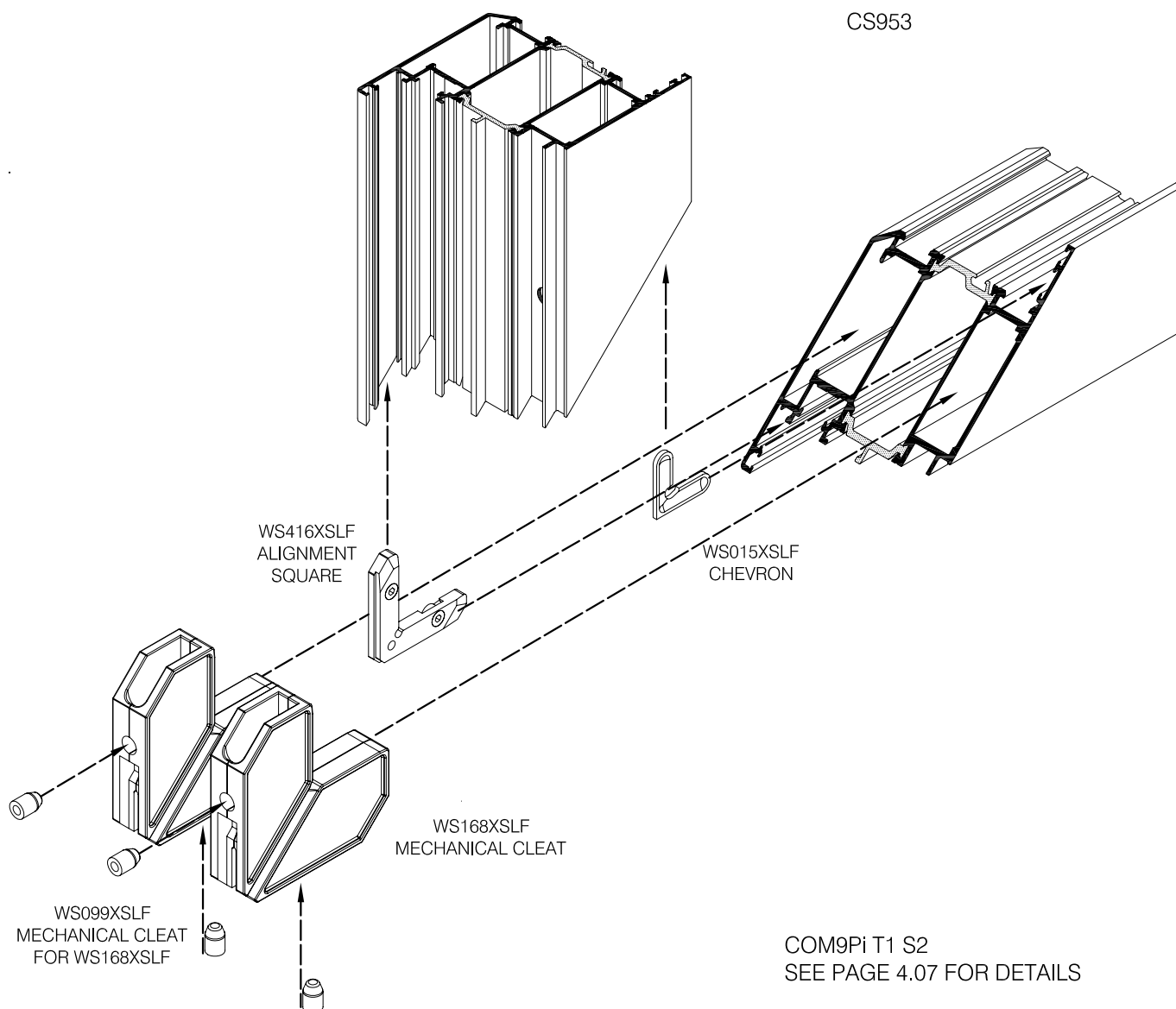
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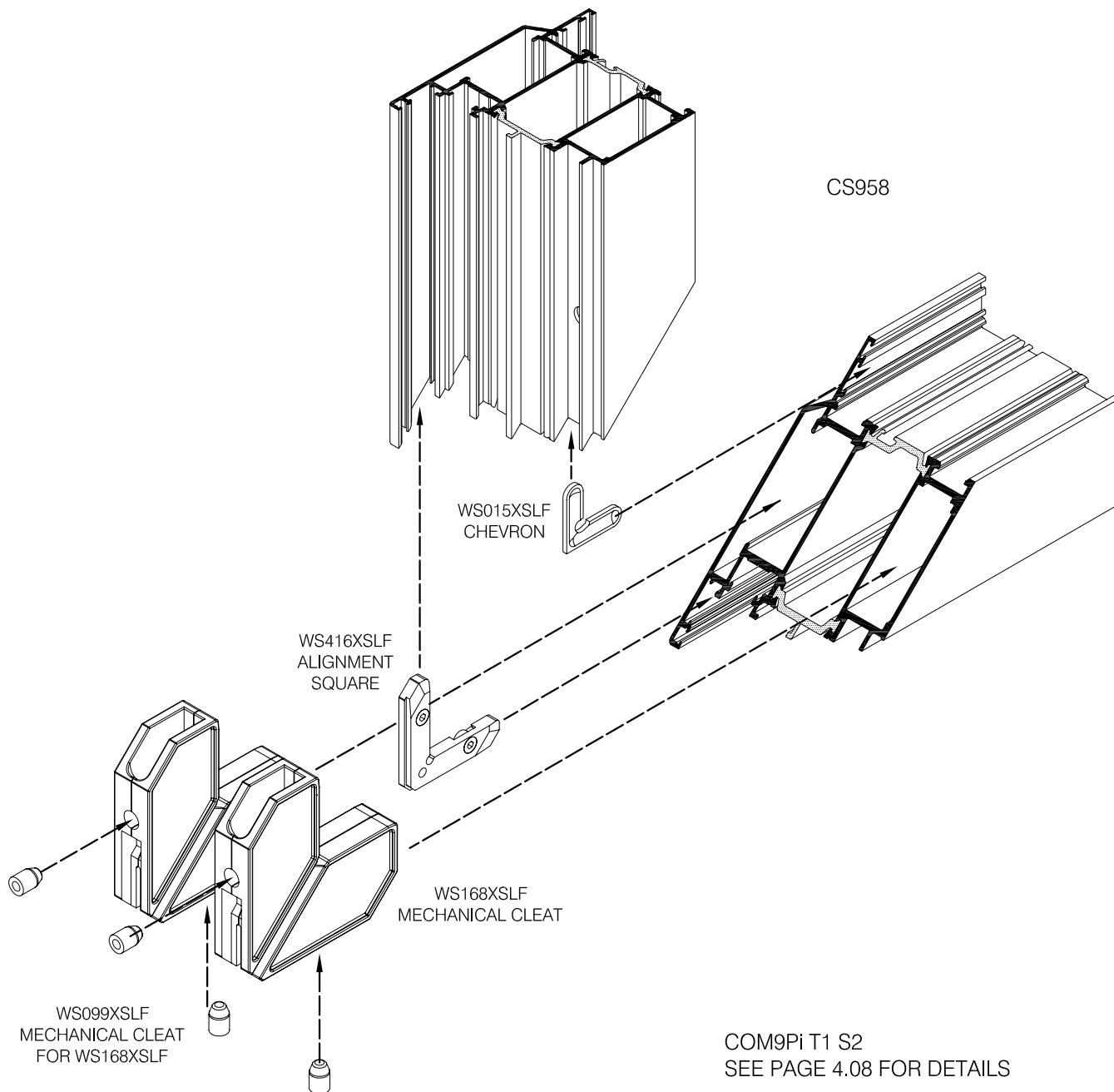
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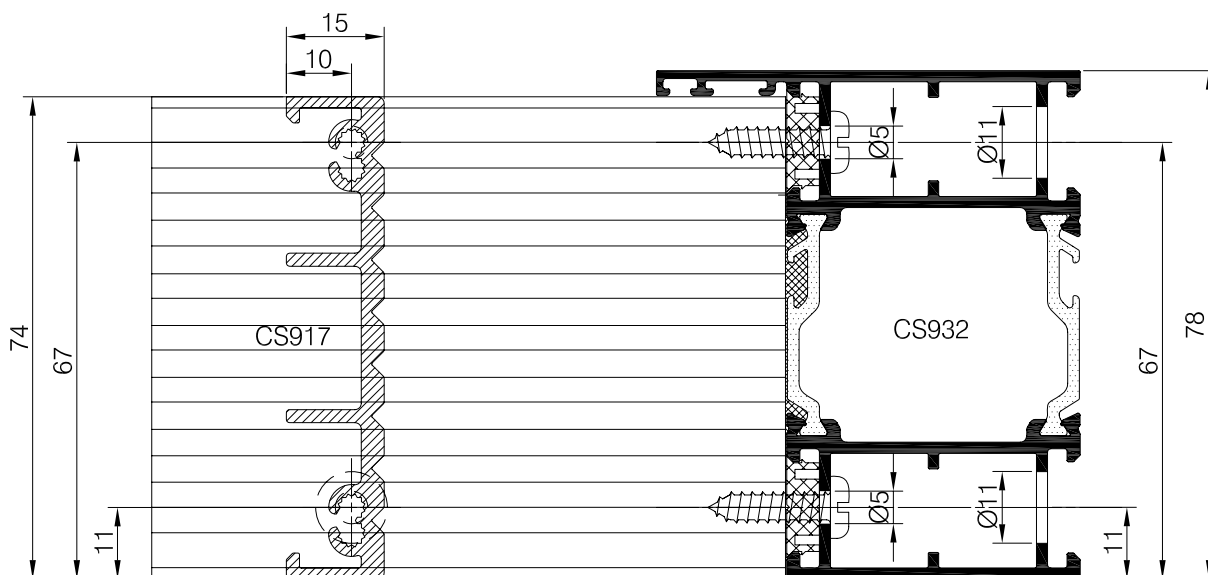
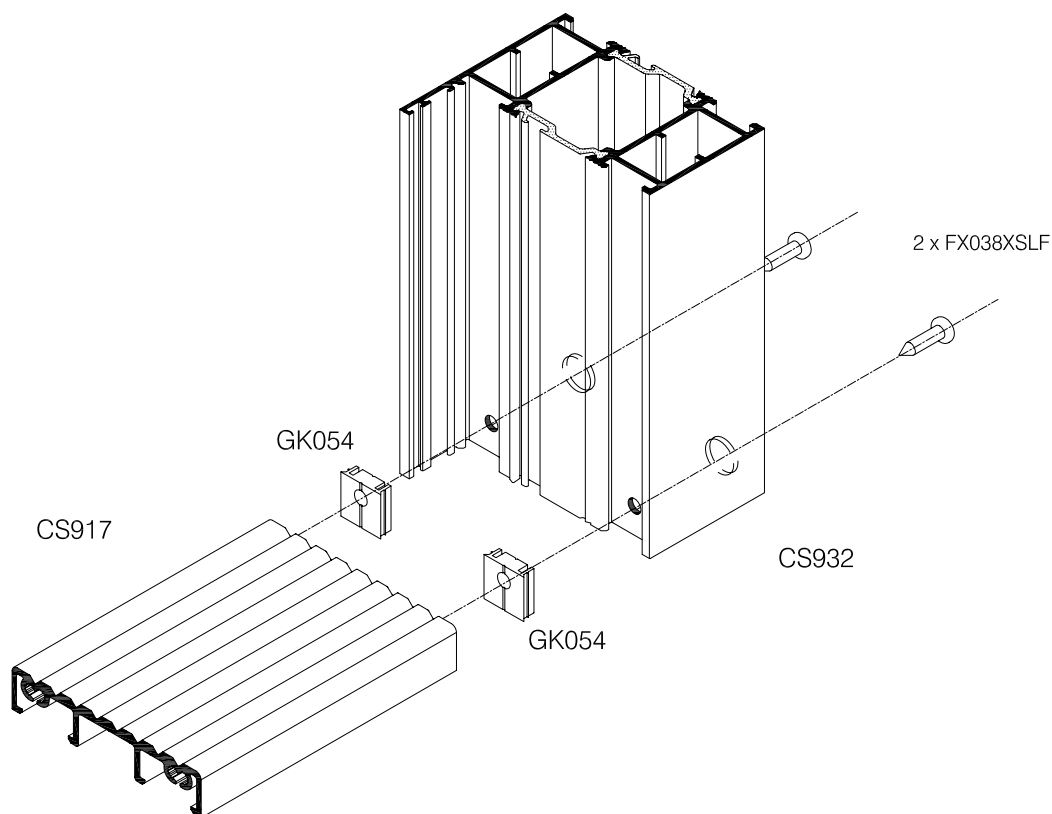


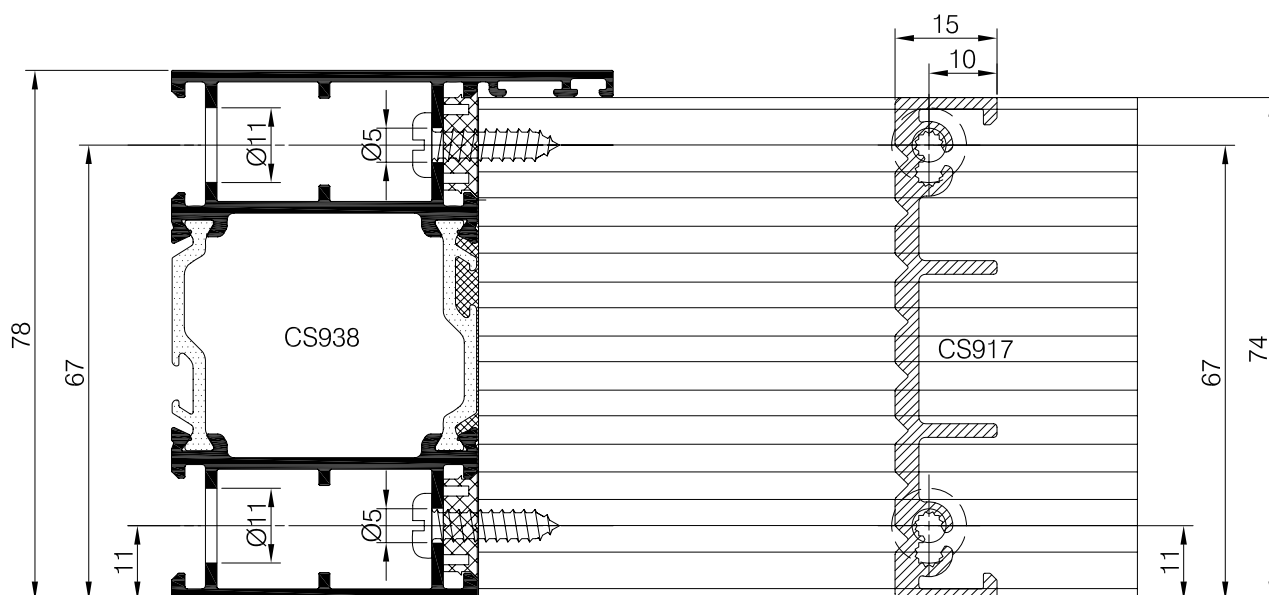
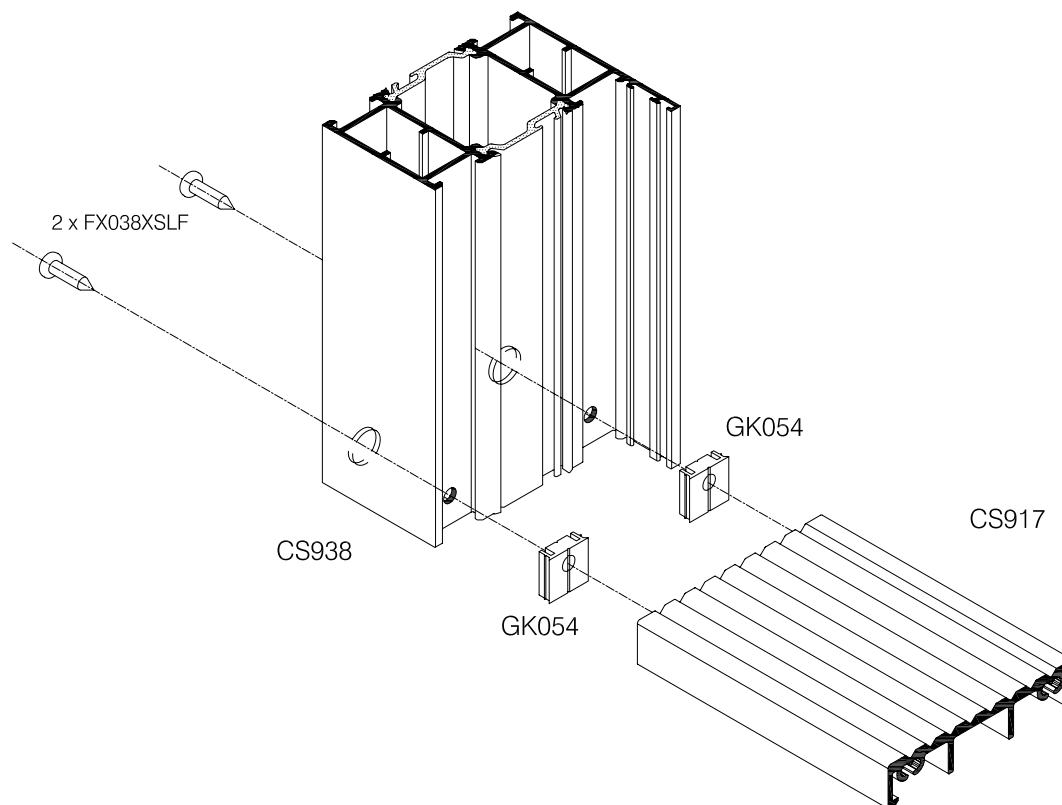
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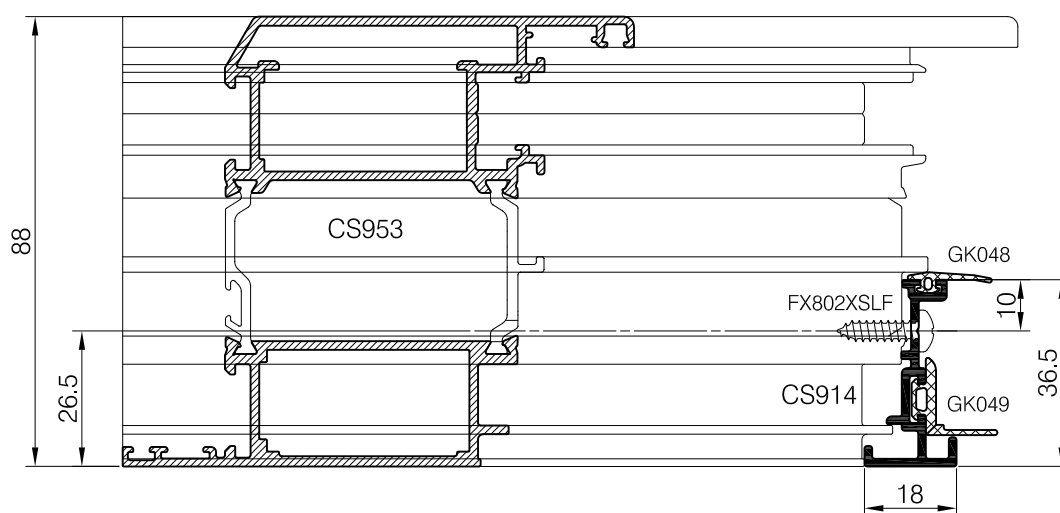
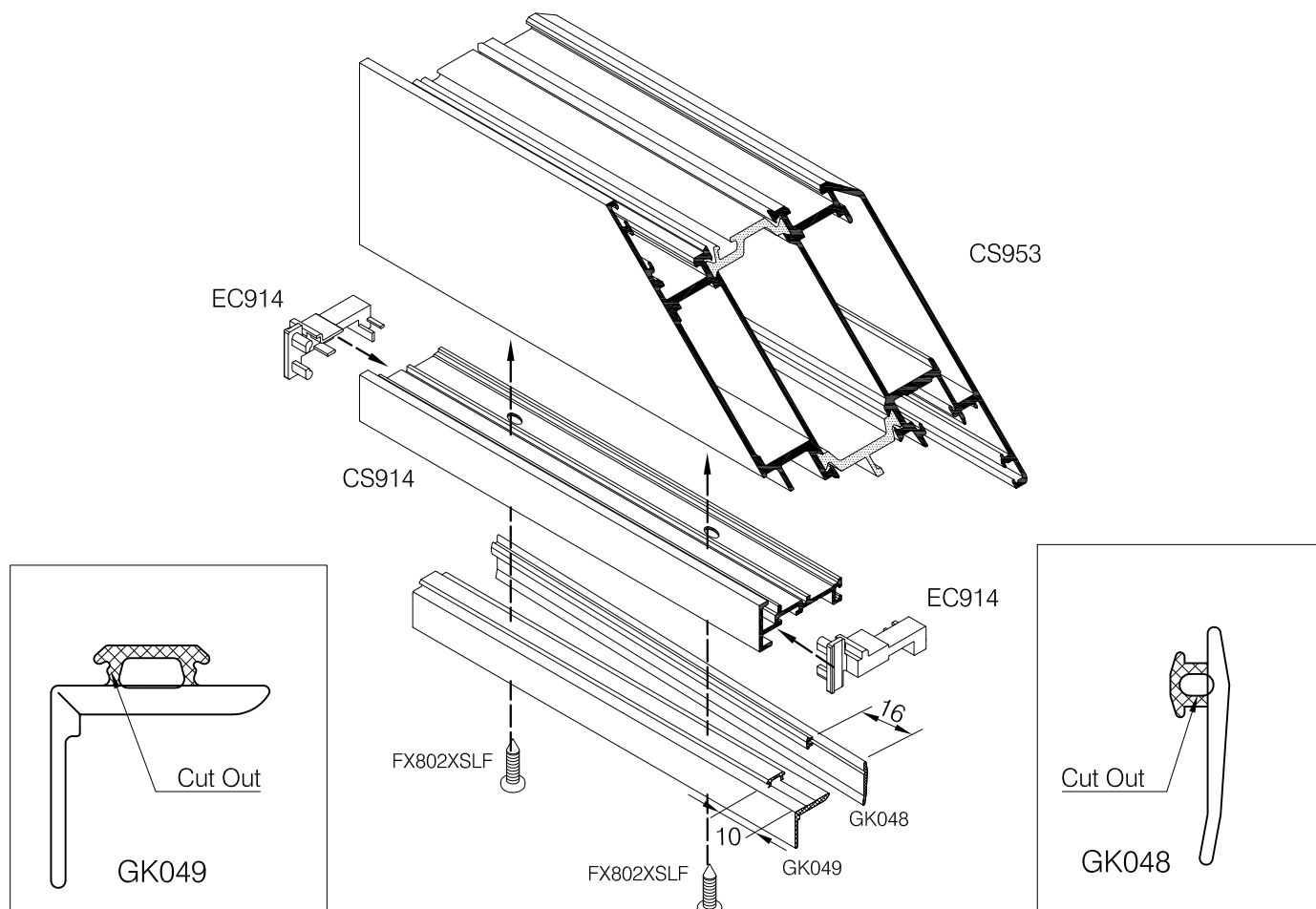


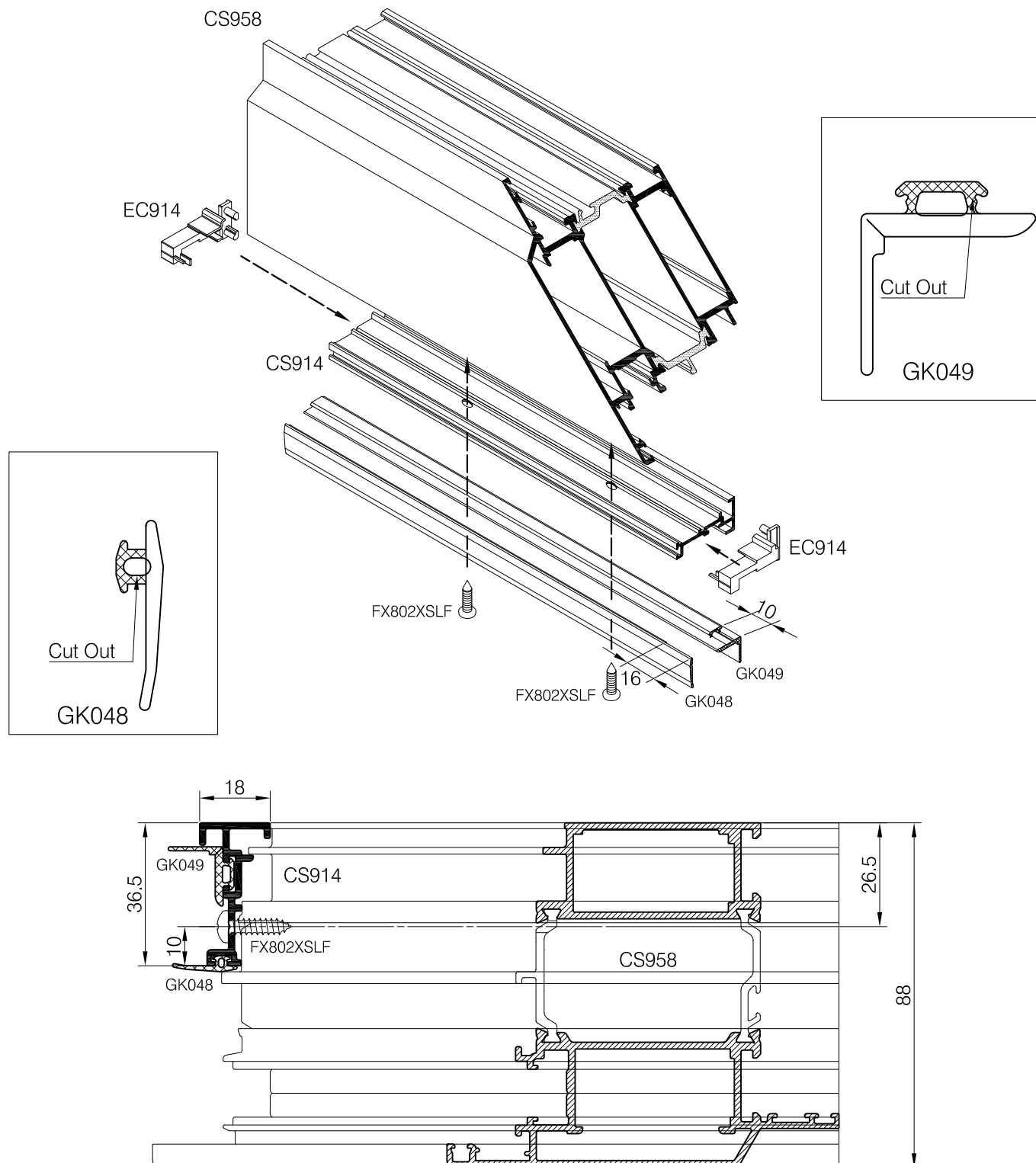
COM9Pi T1 S2
SEE PAGE 4.08 FOR DETAILS

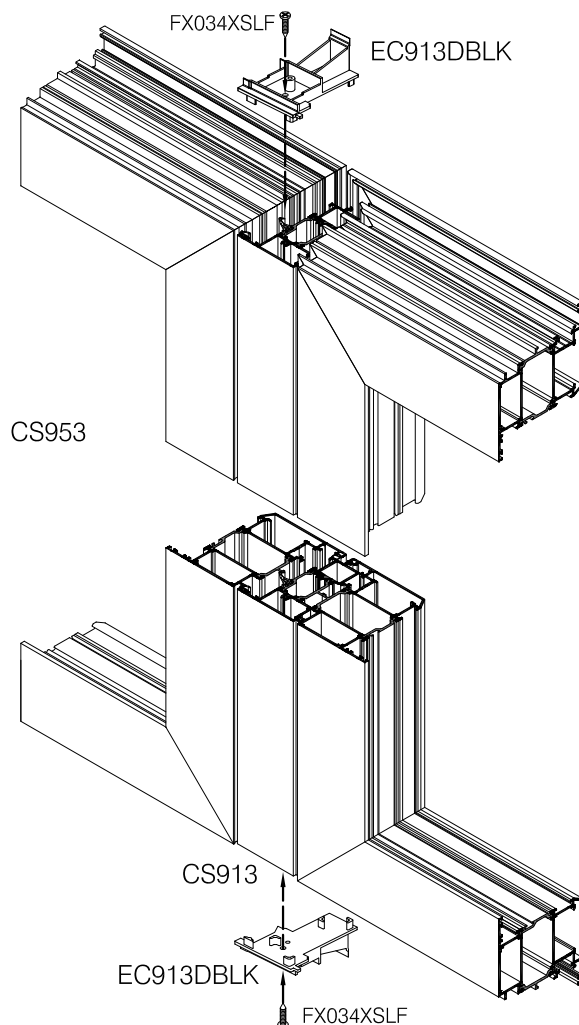




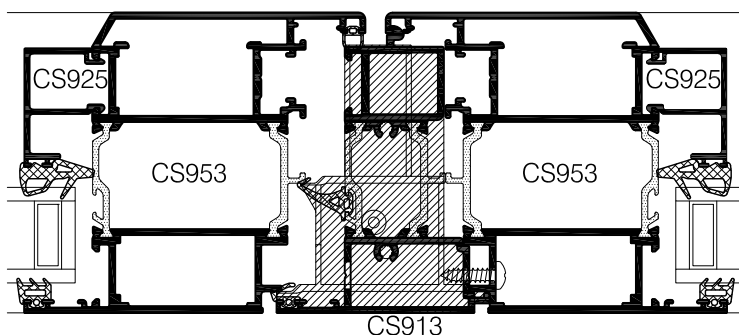
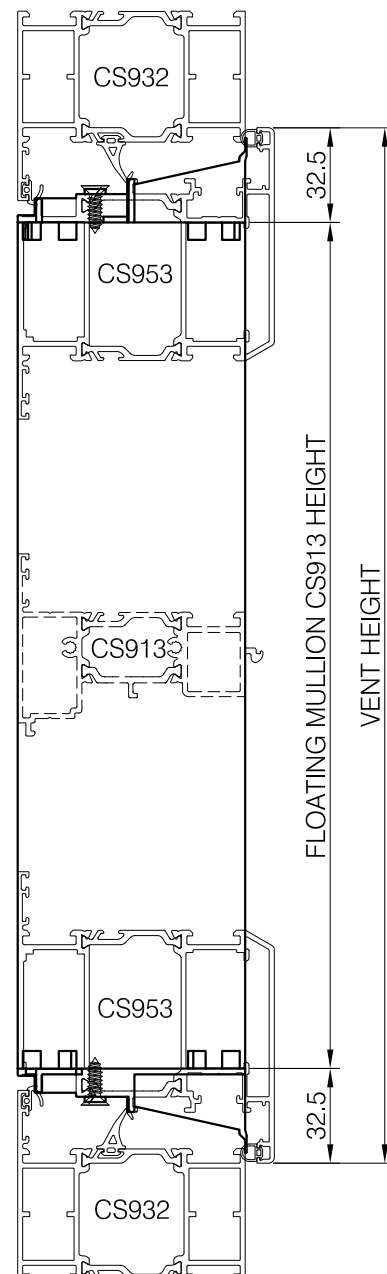


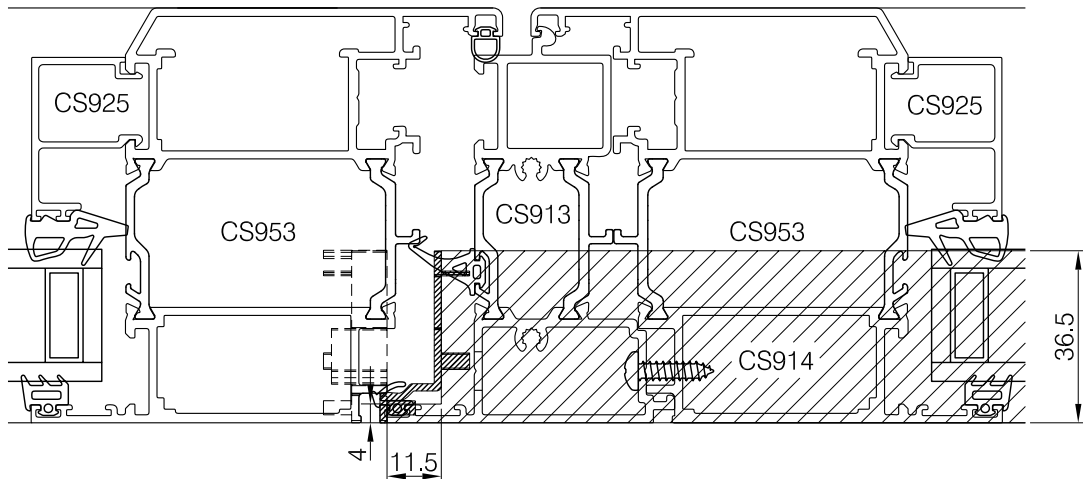
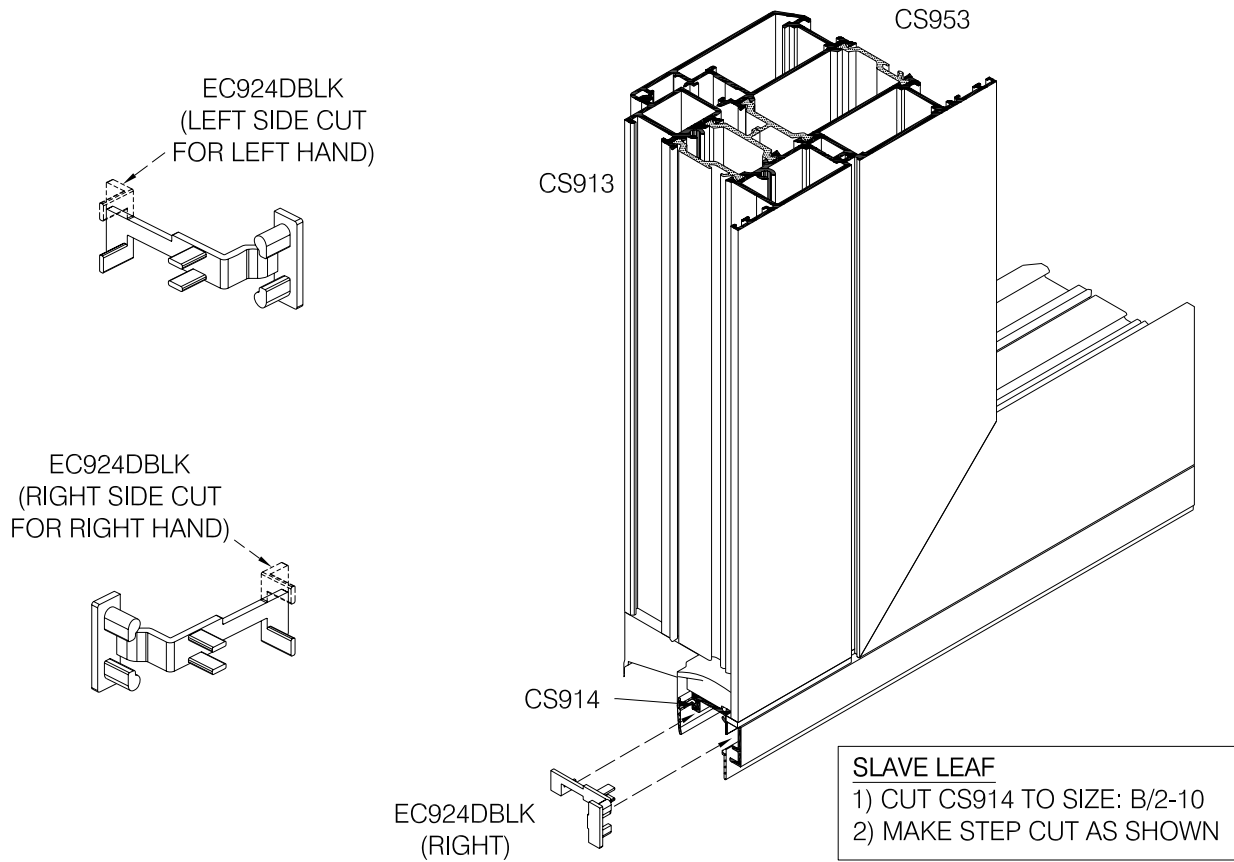


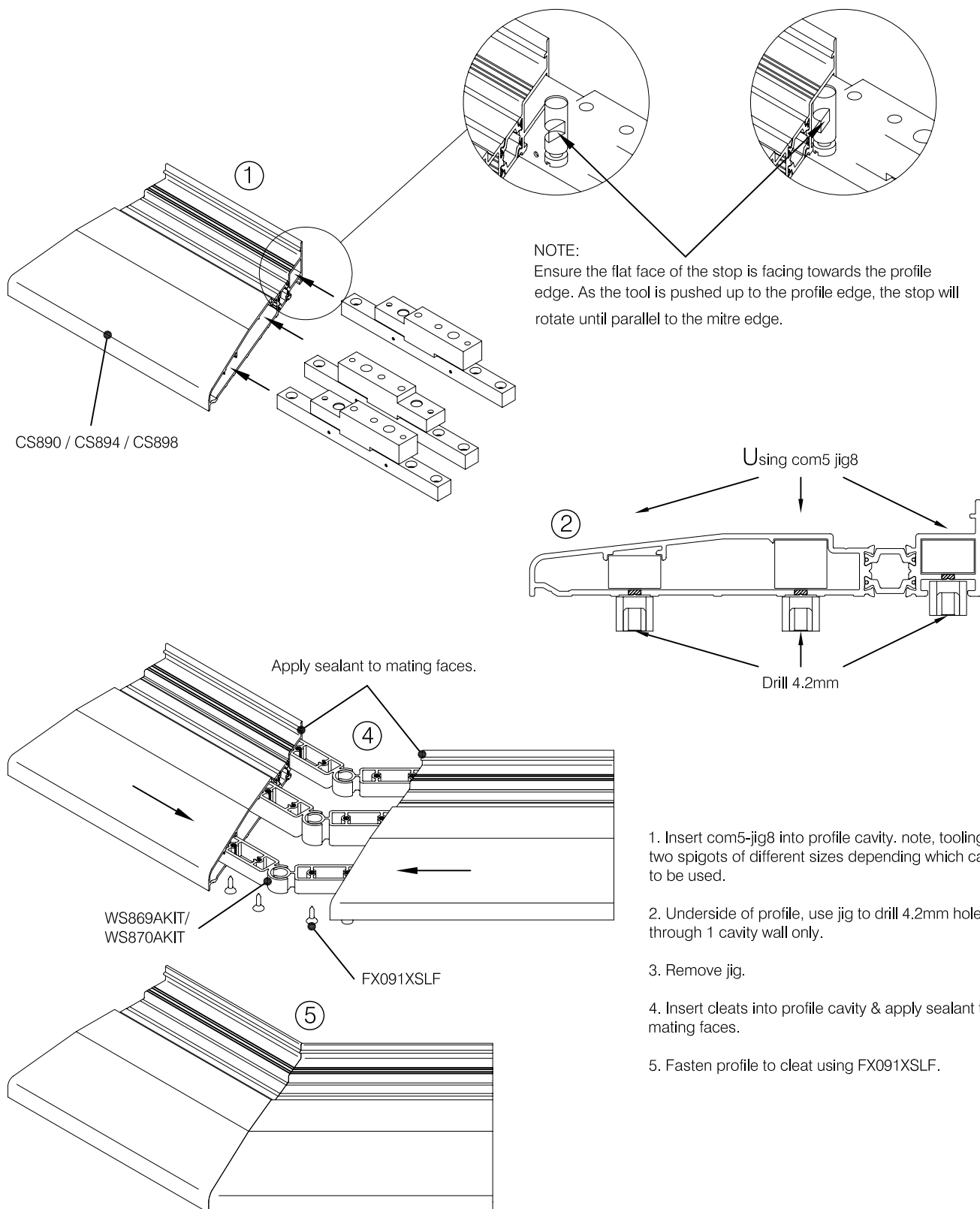




CS913 CUTTING
CUT TO SIZE:
LEAF HEIGHT - 65mm

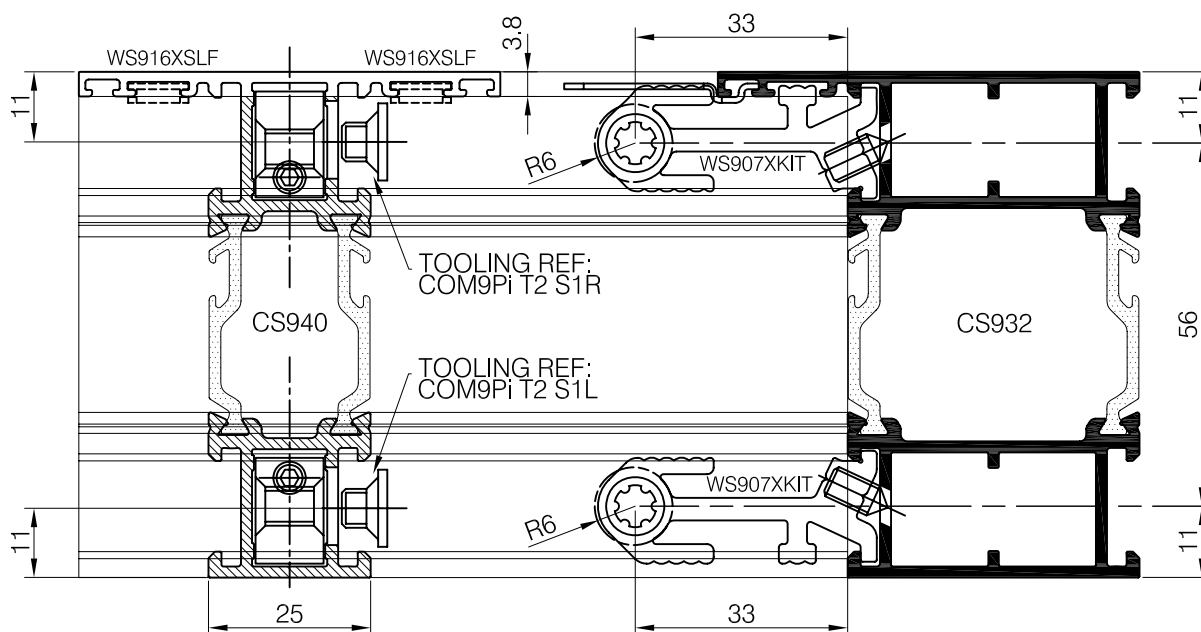
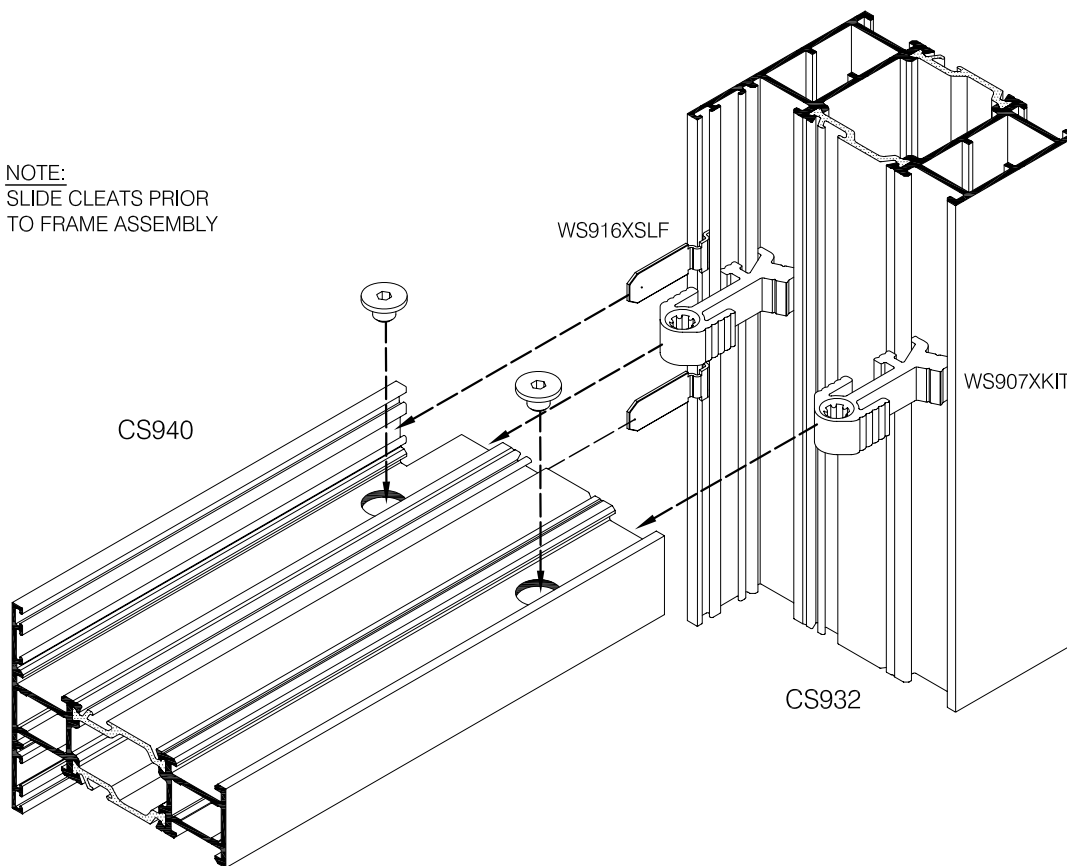






**MITRED DOOR
TRANSOM PREPARATION ASSEMBLY - CS940 - CS932**

NOTE:
SLIDE CLEATS PRIOR
TO FRAME ASSEMBLY



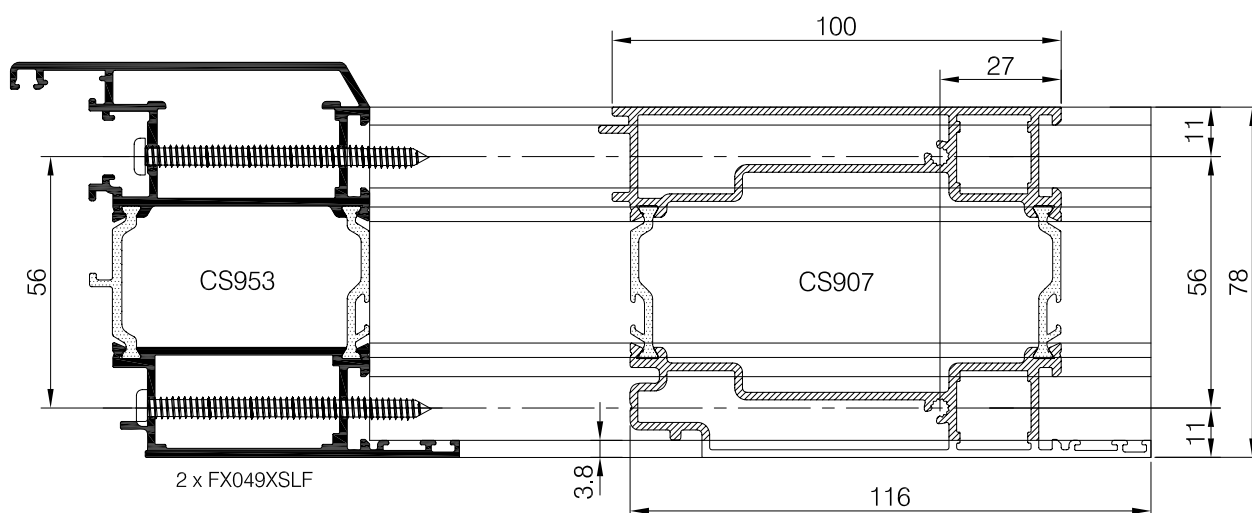
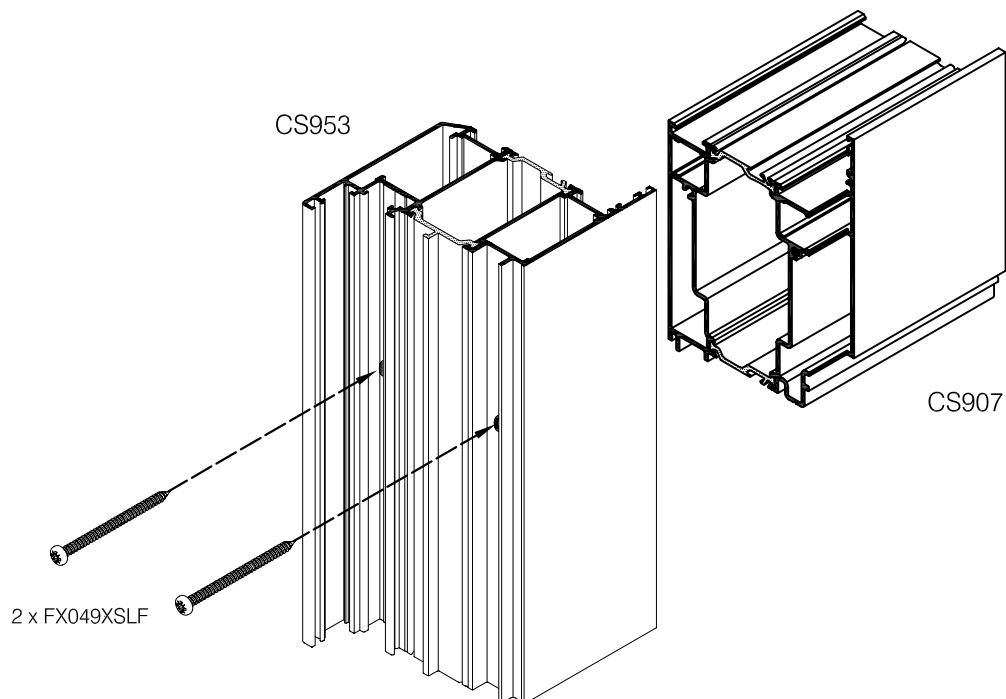
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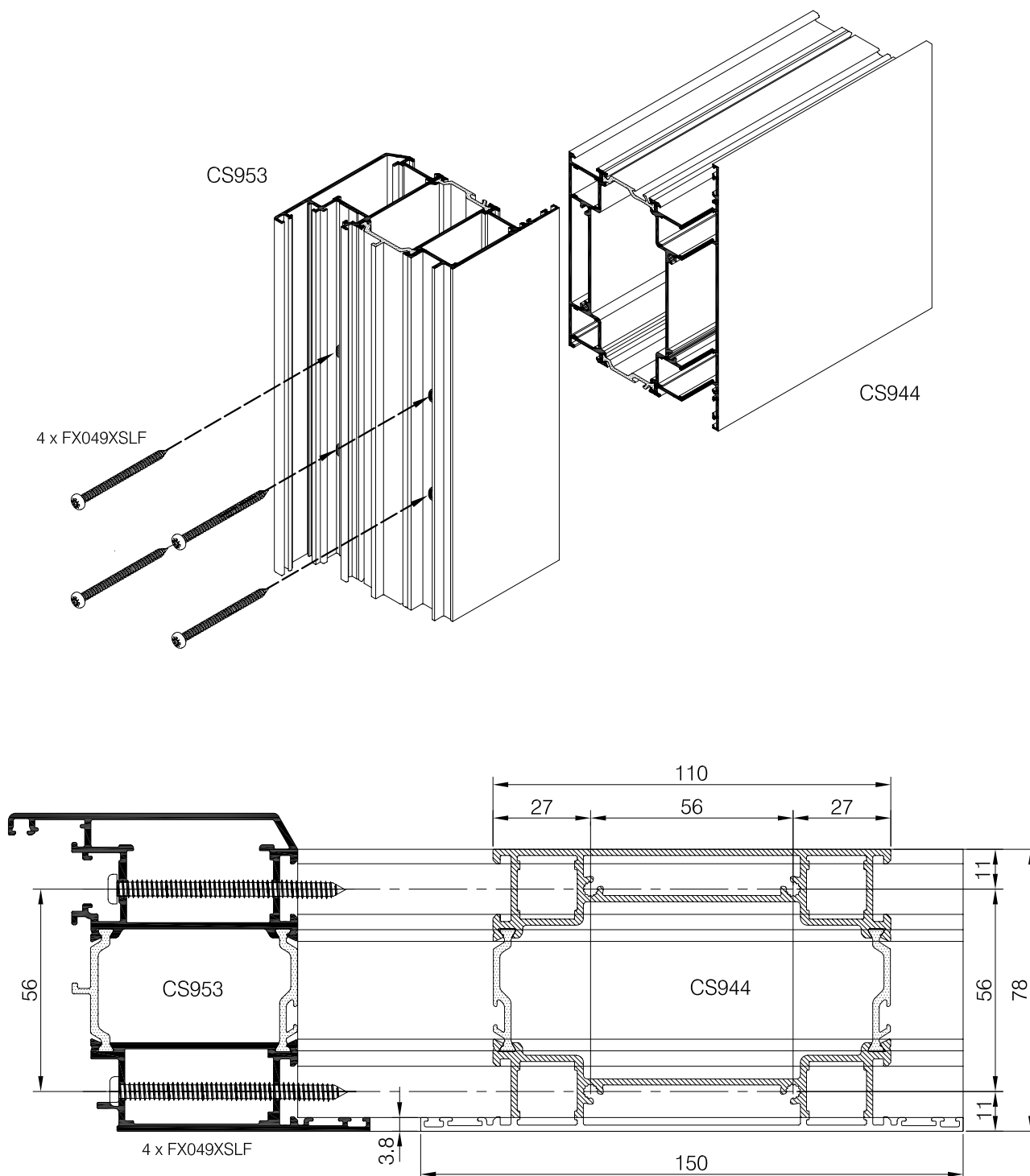


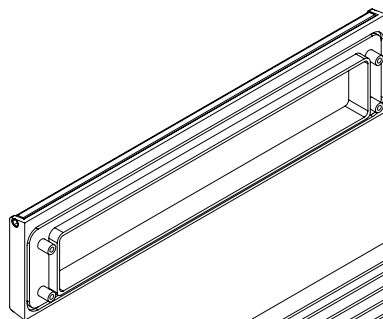
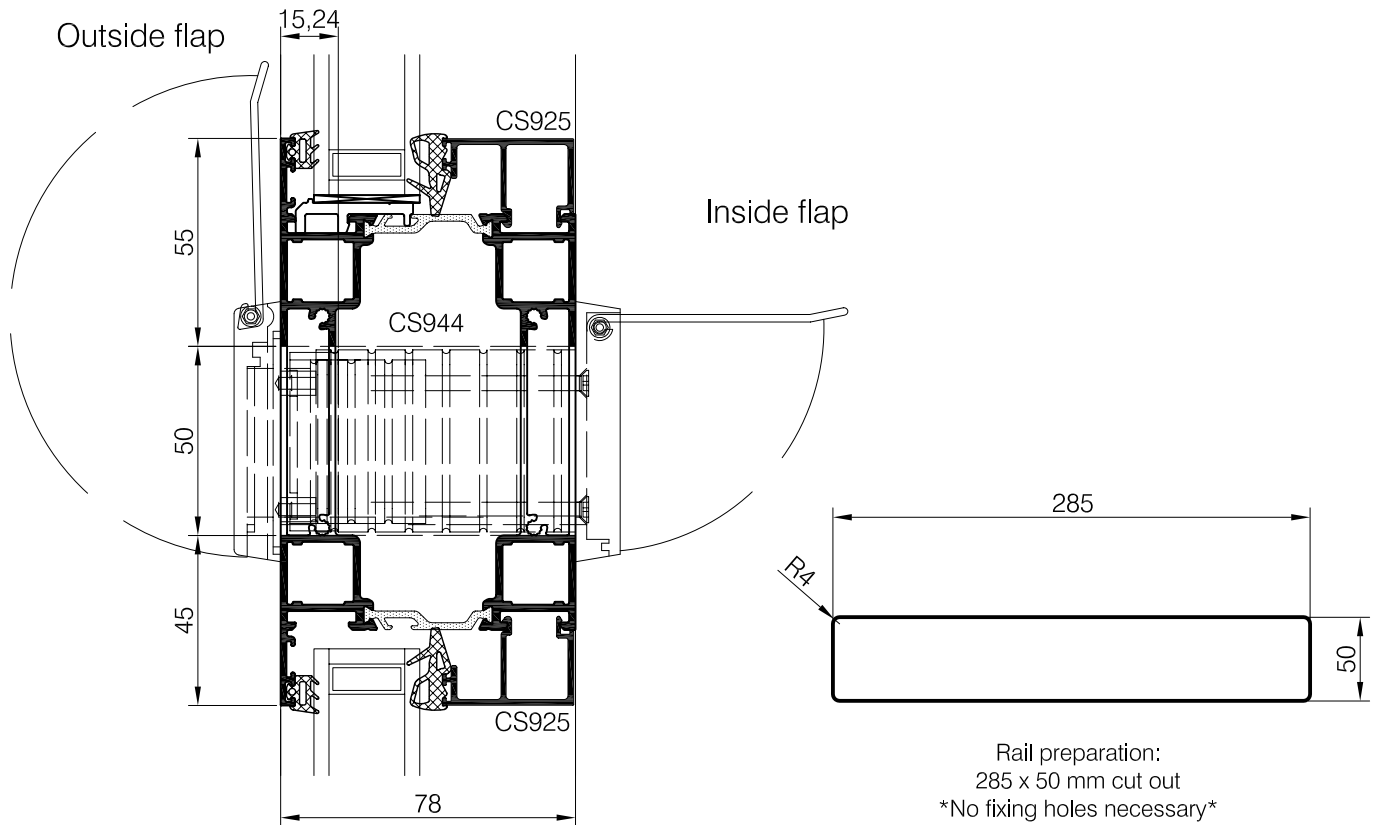
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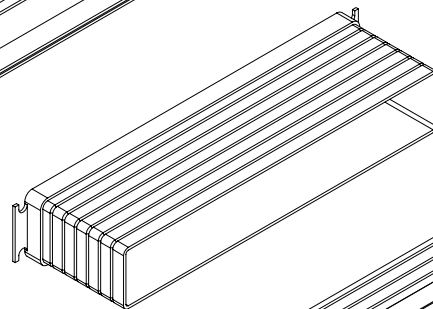




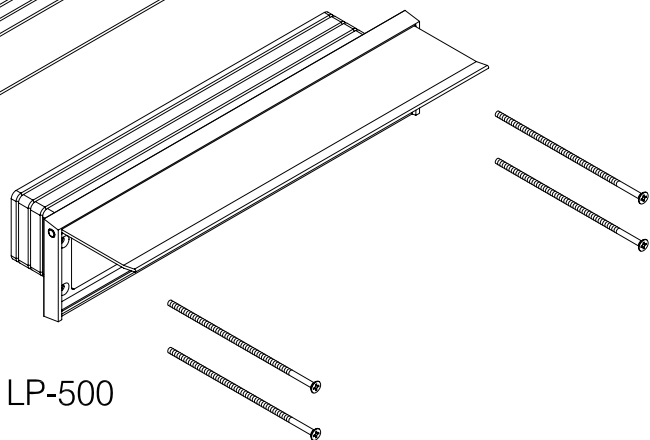


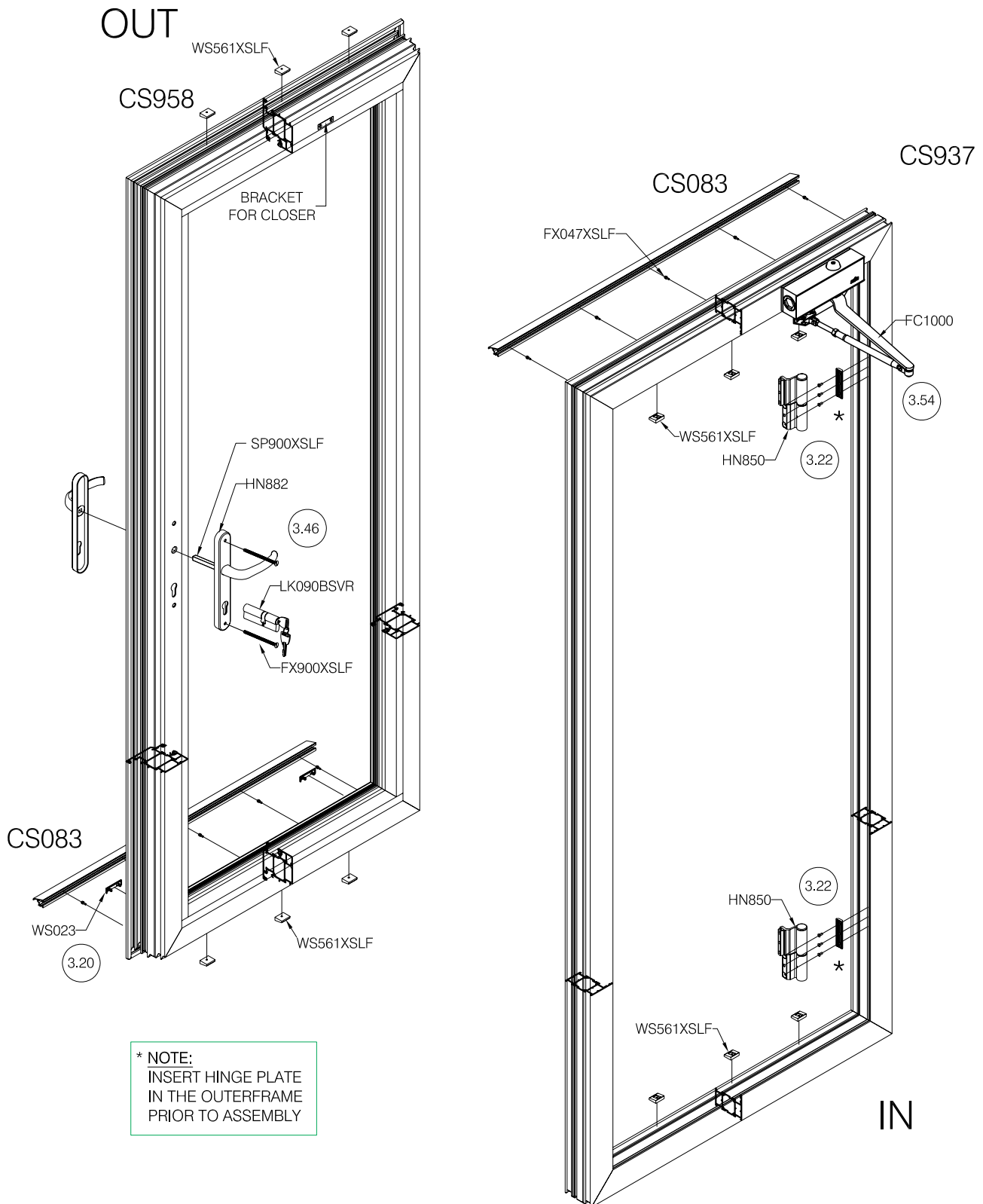
EX-570

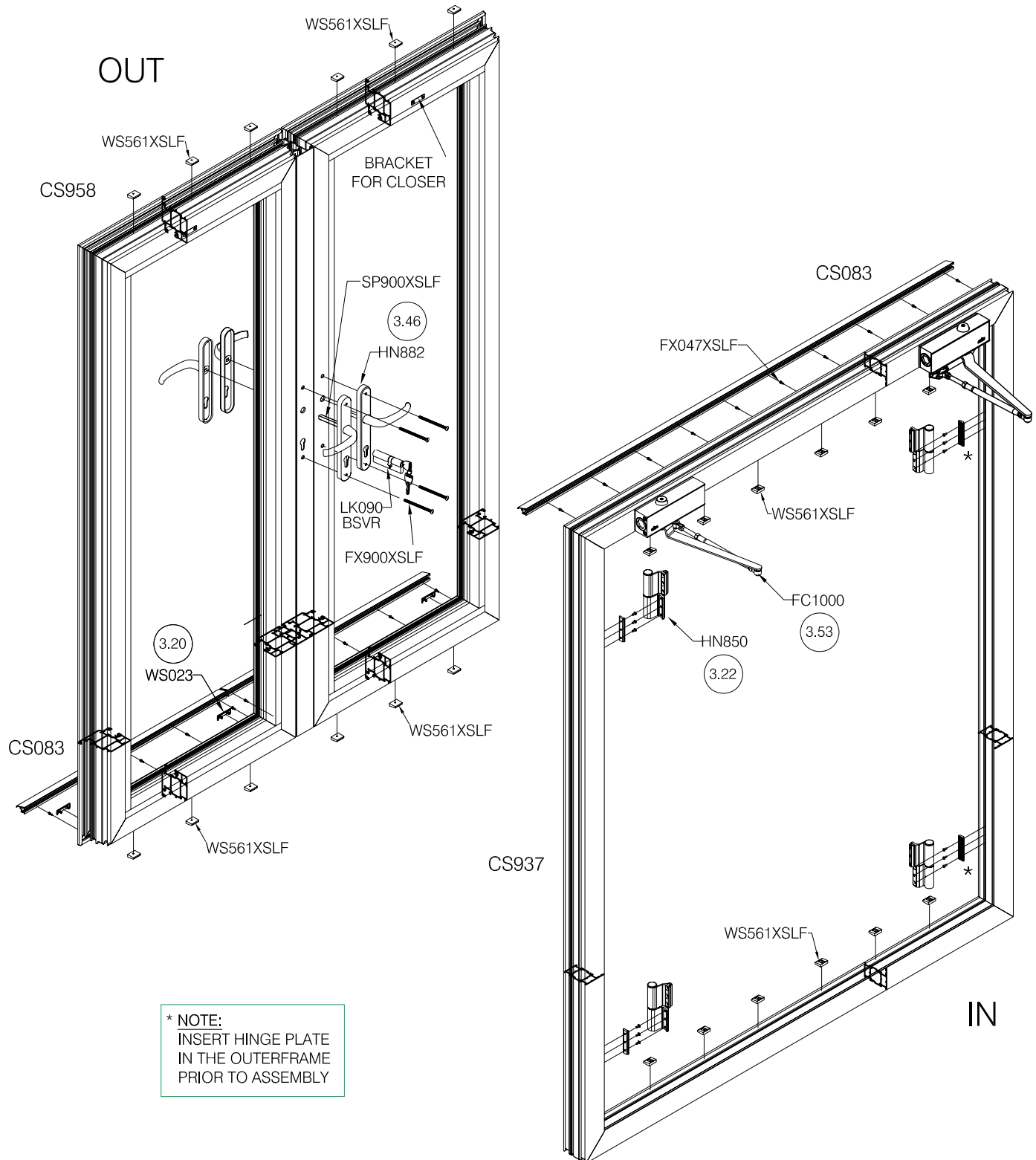
Extension piece fitted as shown
and secured to outer part of
LP-500 using suitable adhesive



LP-500







* NOTE:
INSERT HINGE PLATE
IN THE OUTERFRAME
PRIOR TO ASSEMBLY



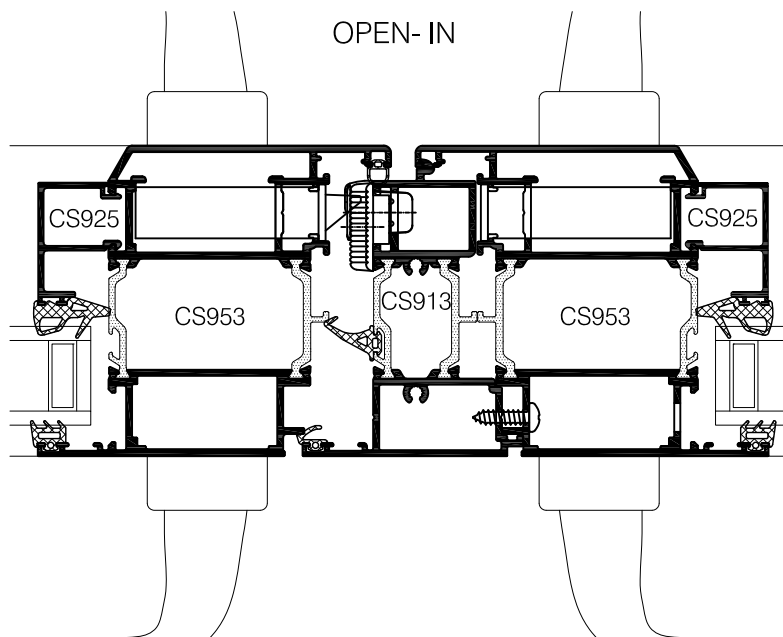
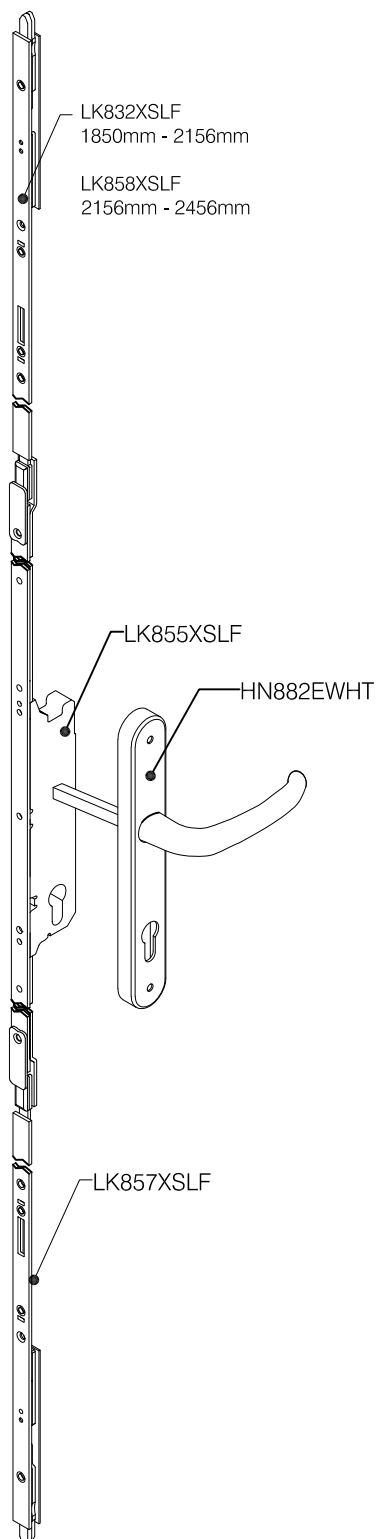
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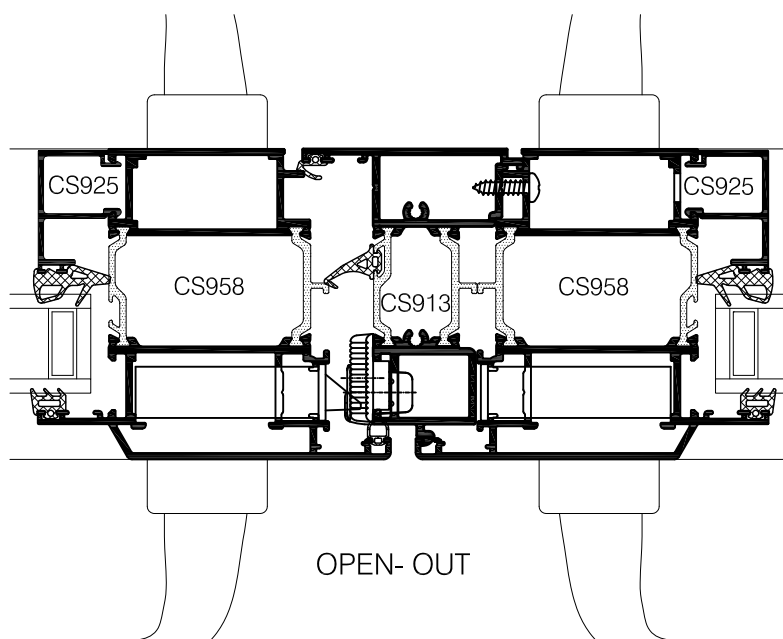
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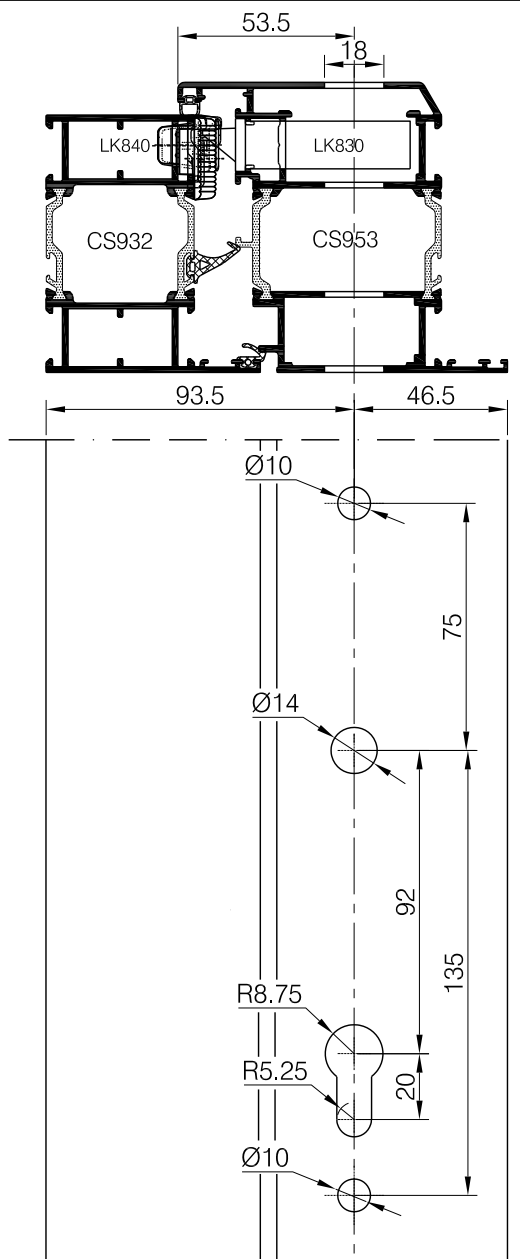
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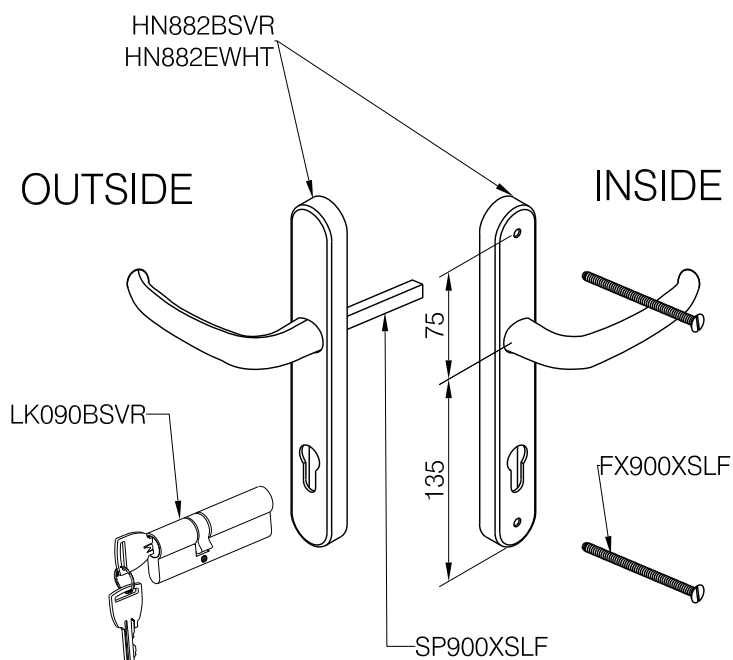


NOTE: EWHT & BSVR REFER TO THE PAINT FINISH
WHITE OR SILVER RESPECTIVELY

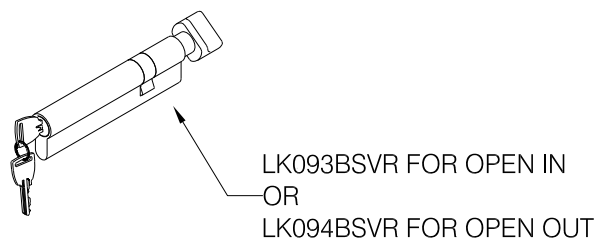
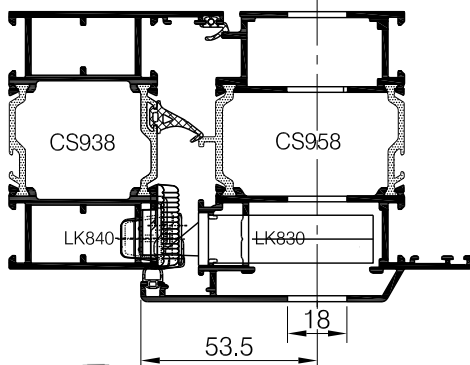




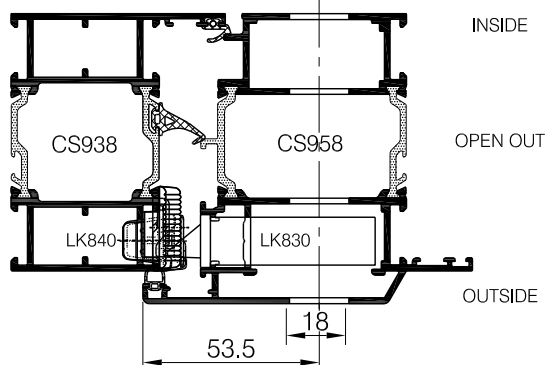
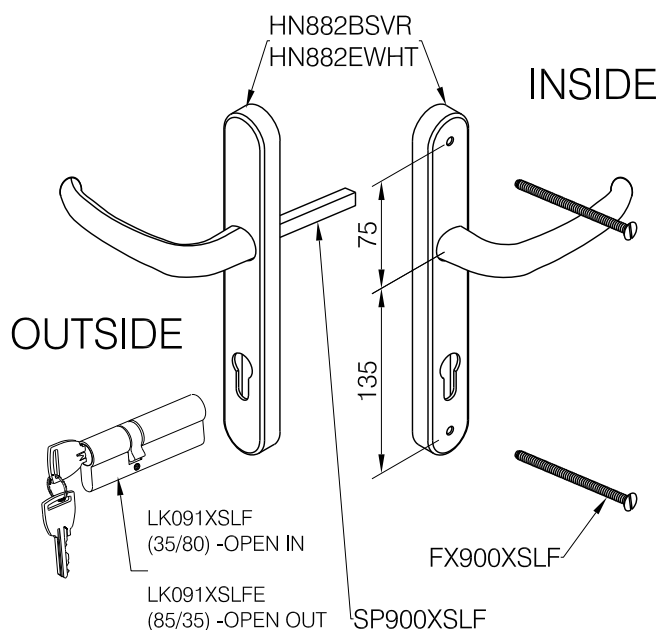
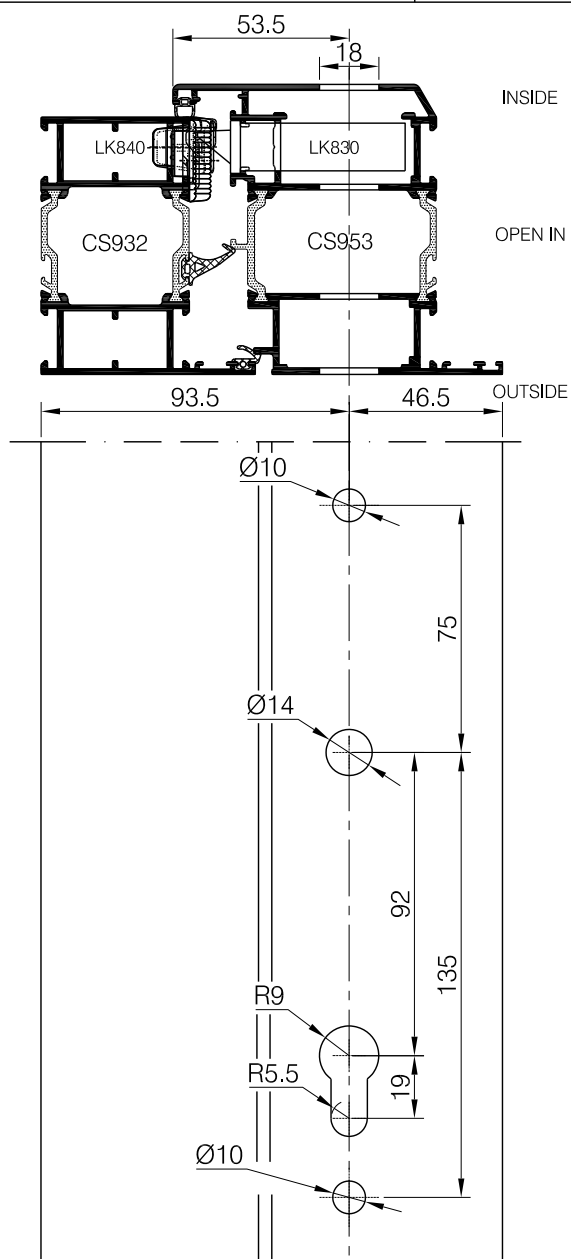
NOTE: EWHT & BSVR REFER TO THE
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RESPECTIVELY



NOTE: ALSO THUMBTURN CYLINDER
COULD BE USED

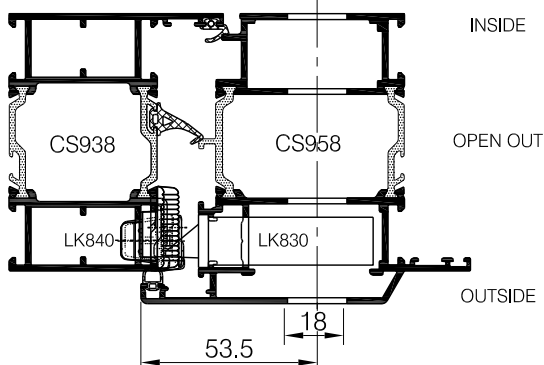
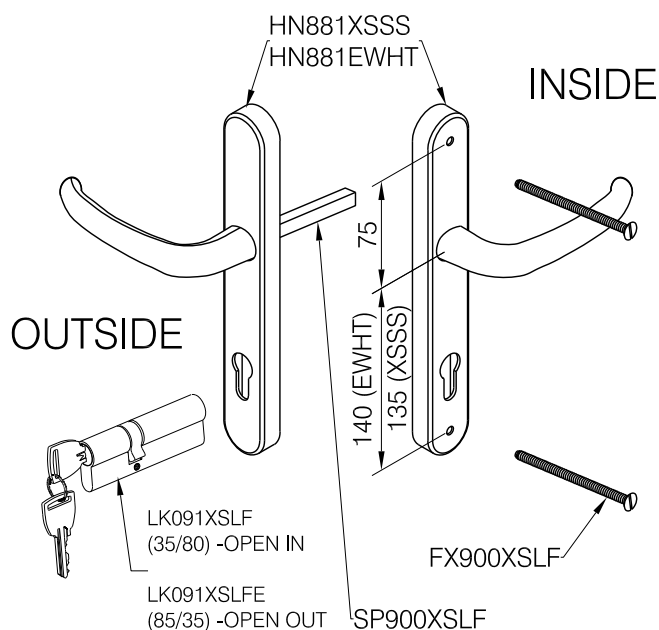
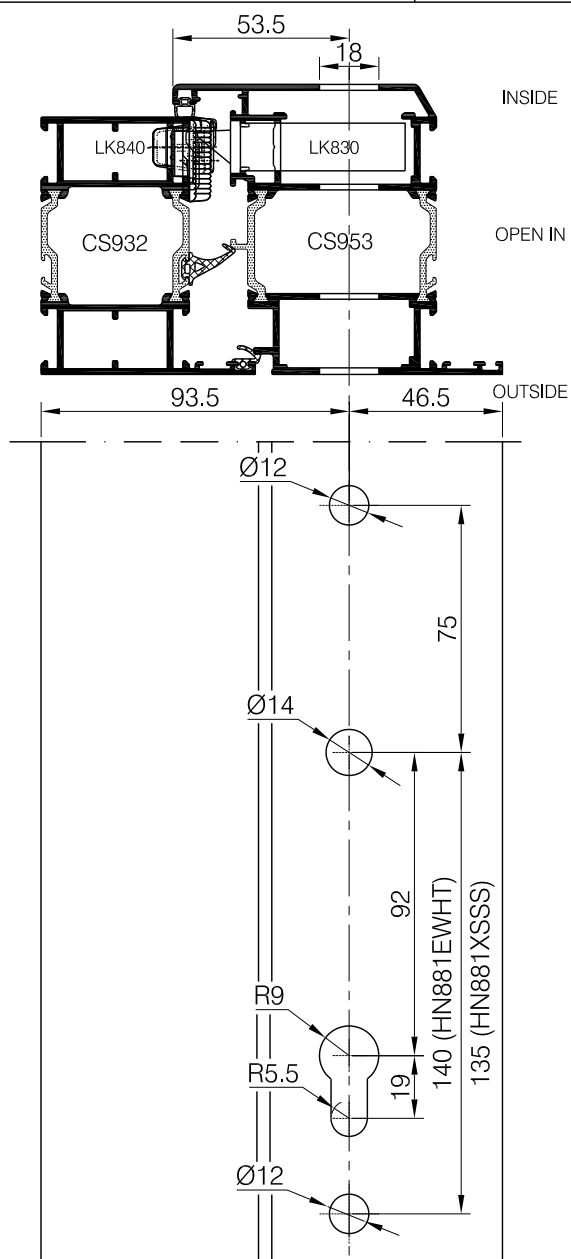


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TITLE
**PERFORMANCE FRAMING SYSTEM
FRAMING, WINDOWS, DOORS**

SHEET No.
3.47.2

SUB TITLE
**MITRED DOOR
FUTURE ADDITIONS**

FUTURE
ADDITION



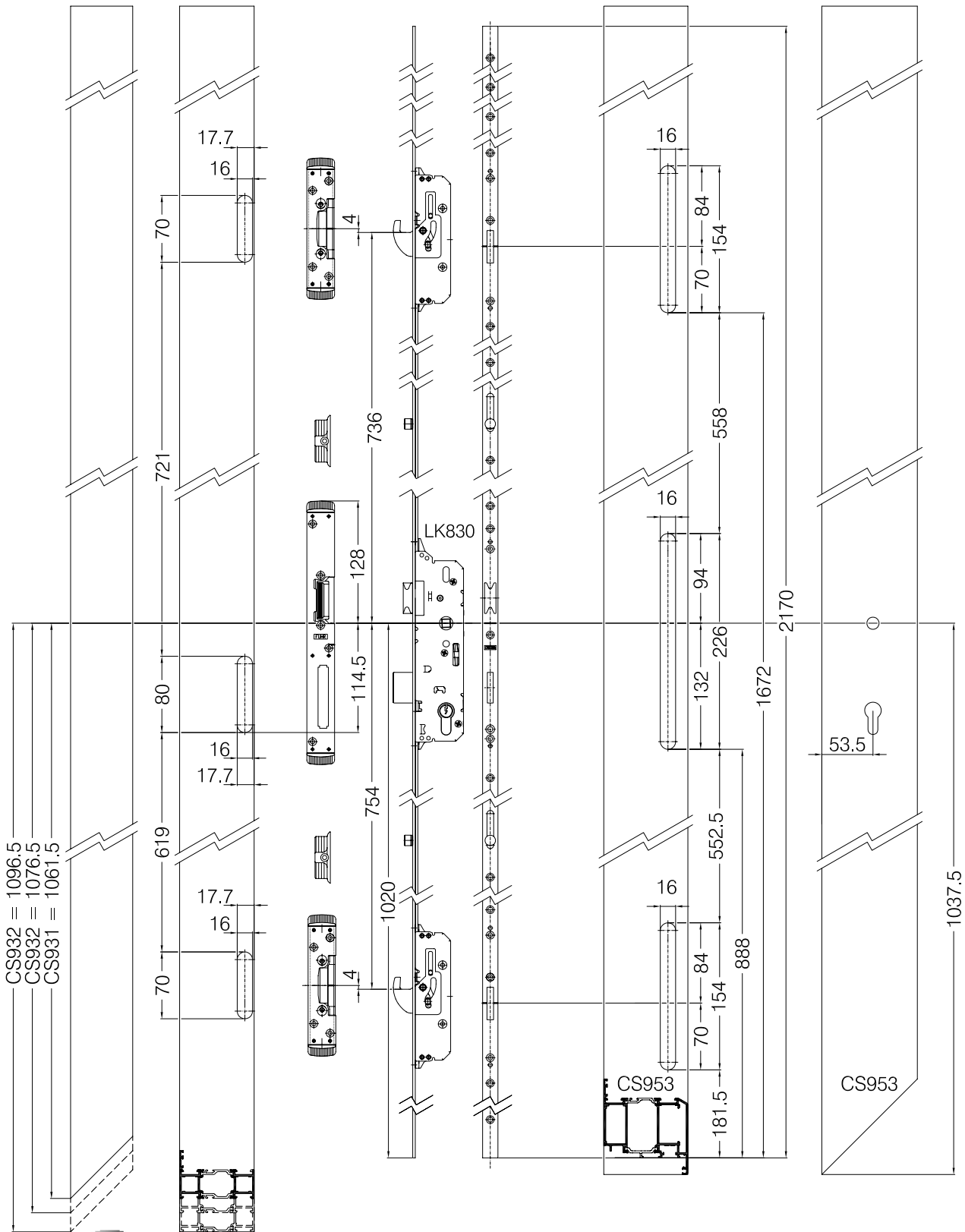
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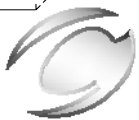
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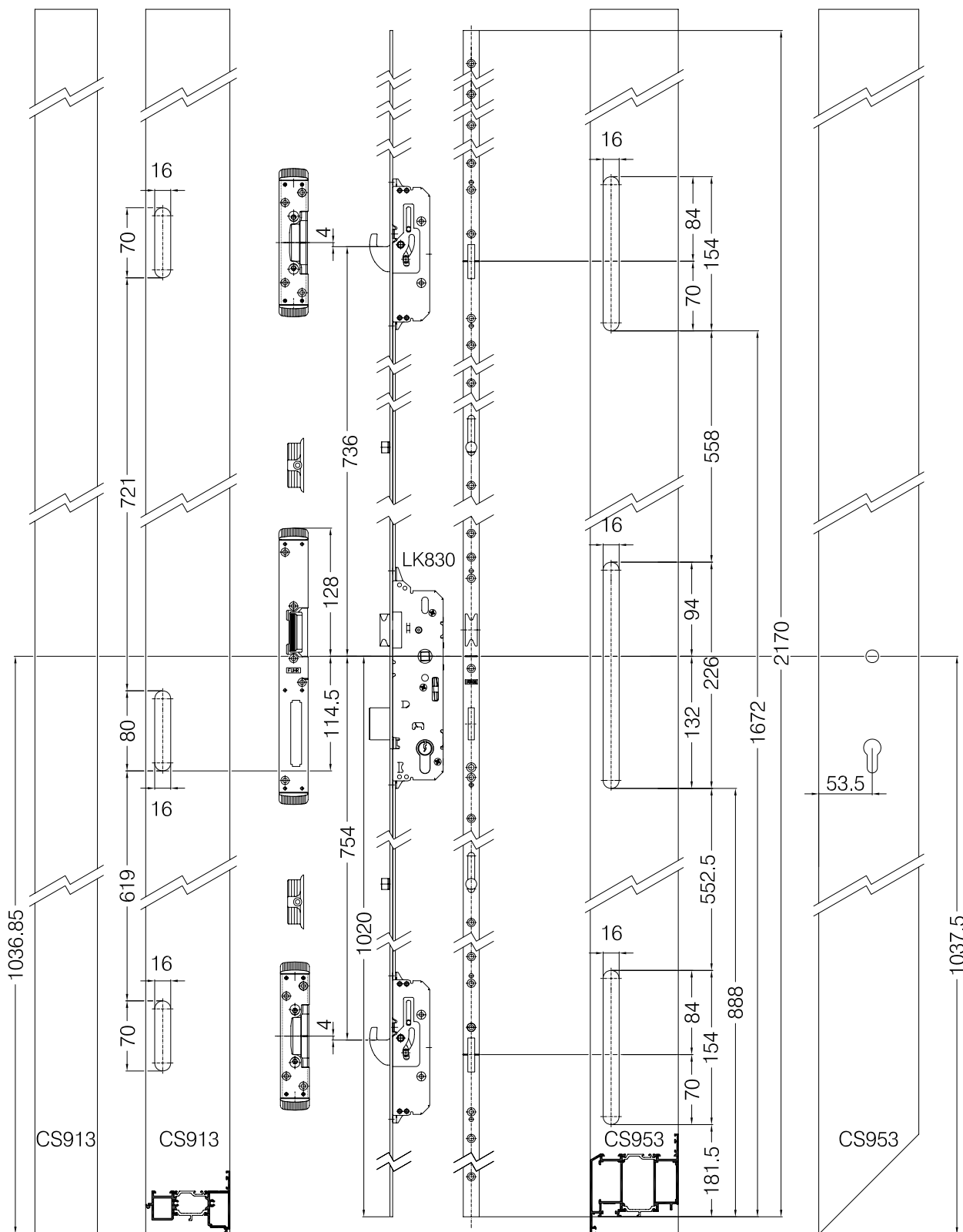
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Tel: 020-8685 9685 Fax: 020-8687 1142
Email: technical@parksidegrp.co.uk
Web Site: <http://www.comar-alu.co.uk>

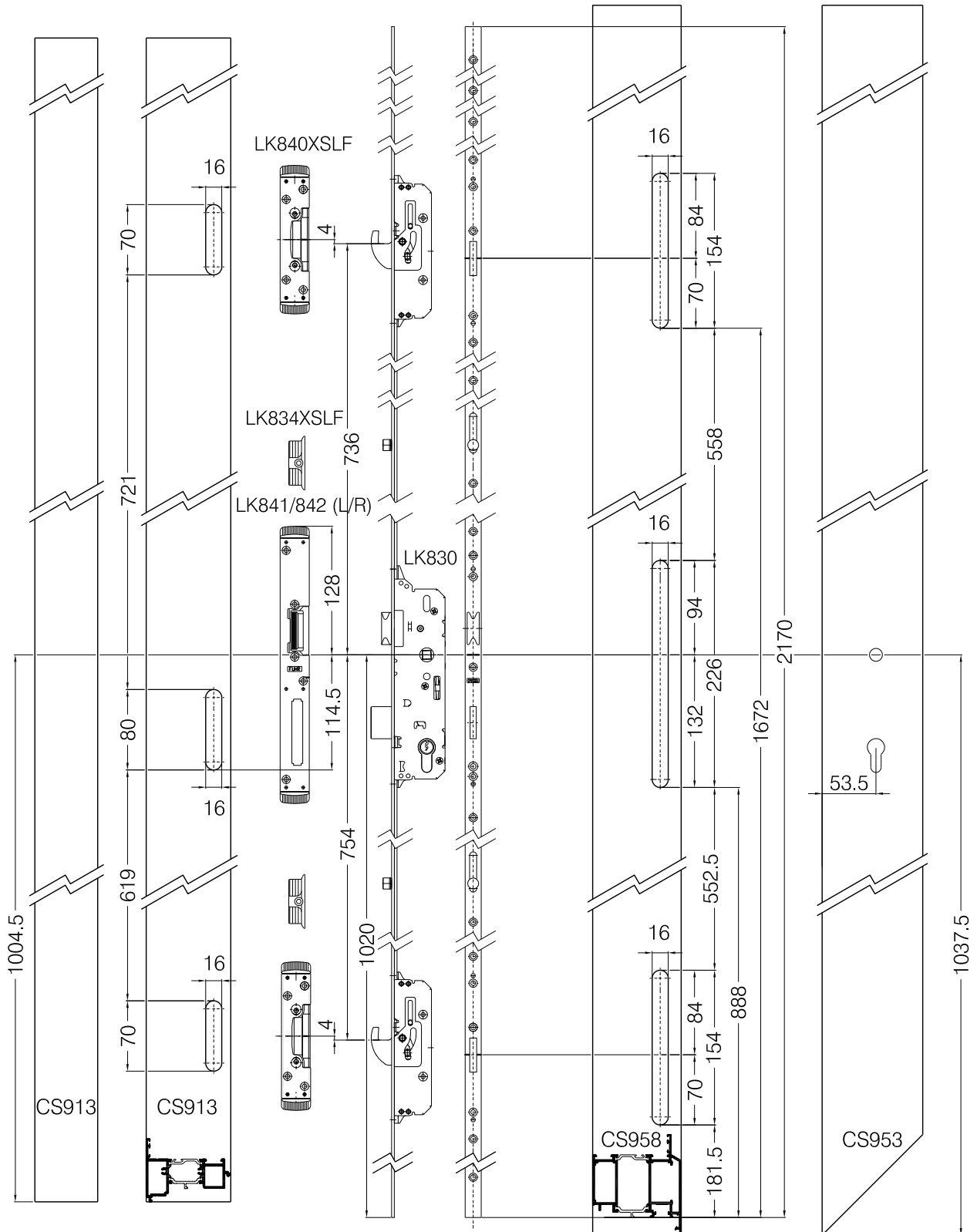
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DATE	06/07/2020	
DRAWN	NRA	
DRG. No.	C9 Pi-PF-RD 3.47.2	

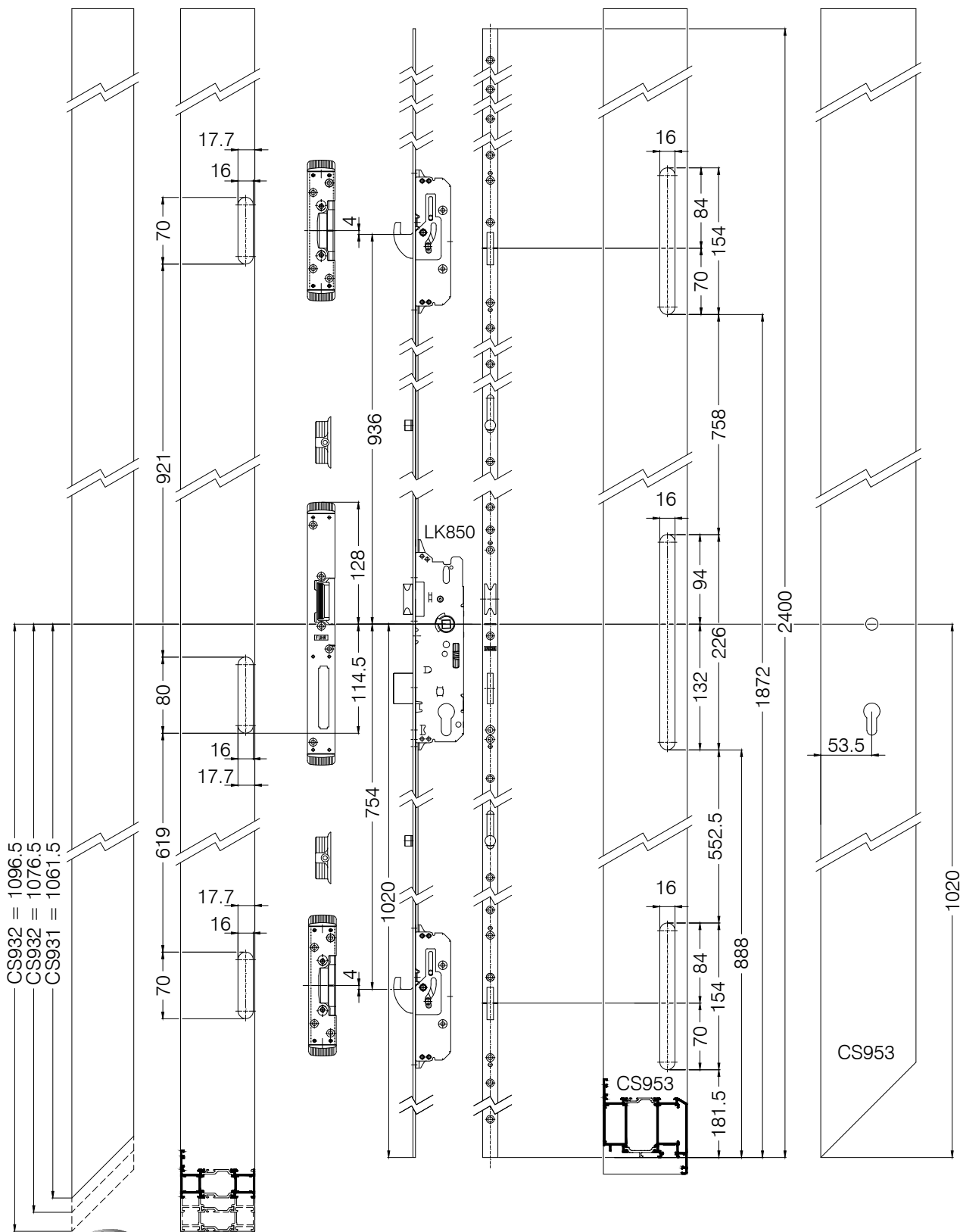


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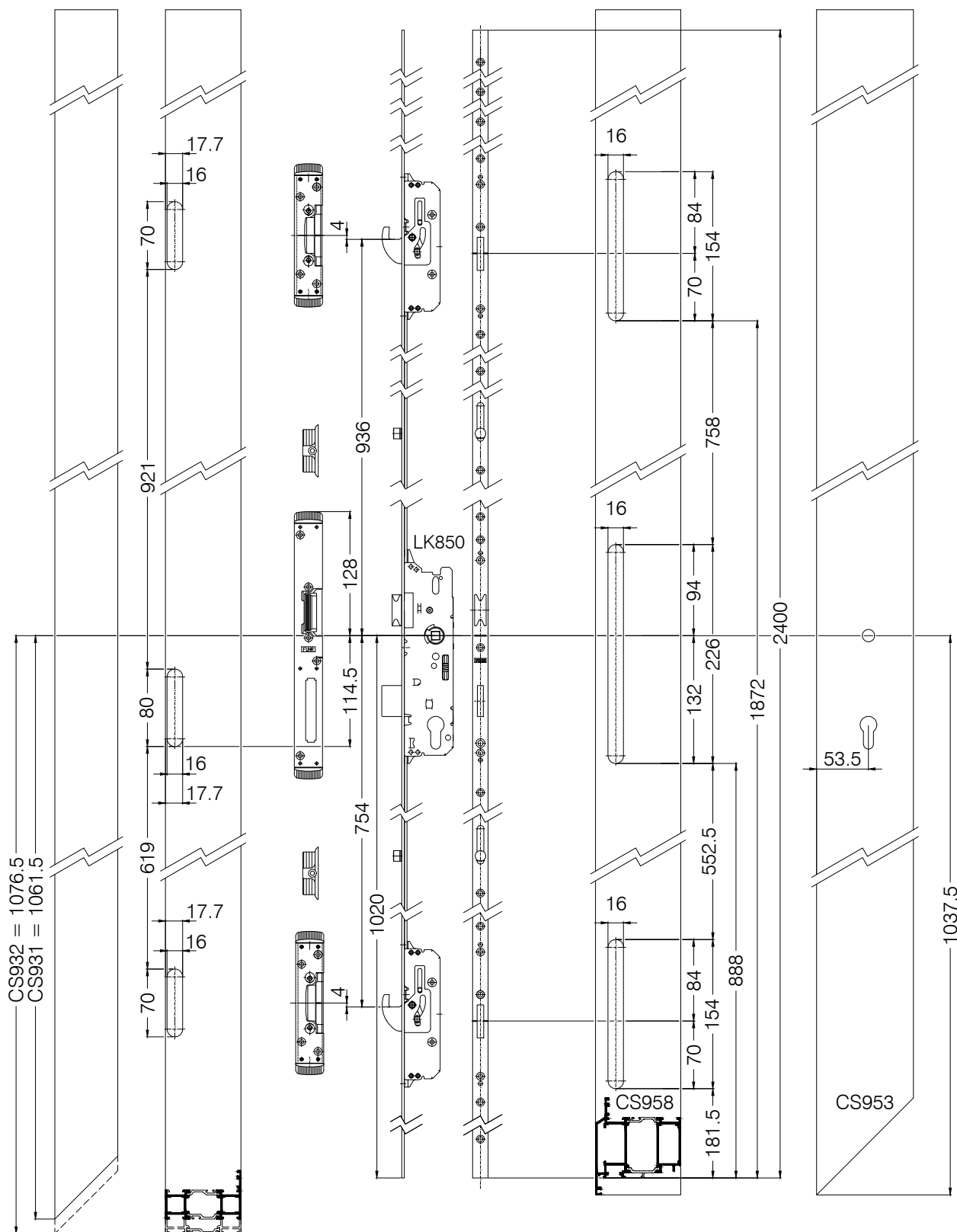


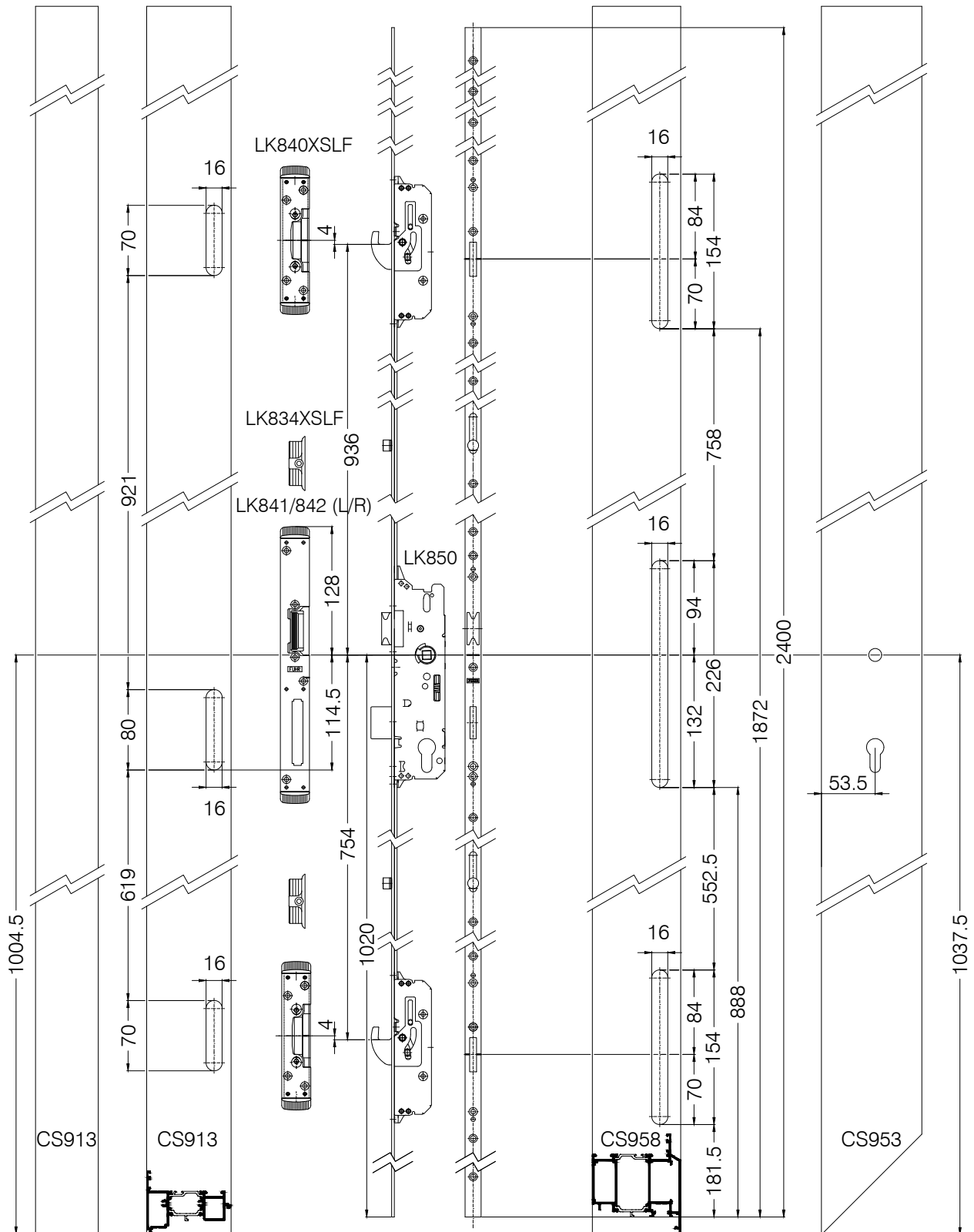


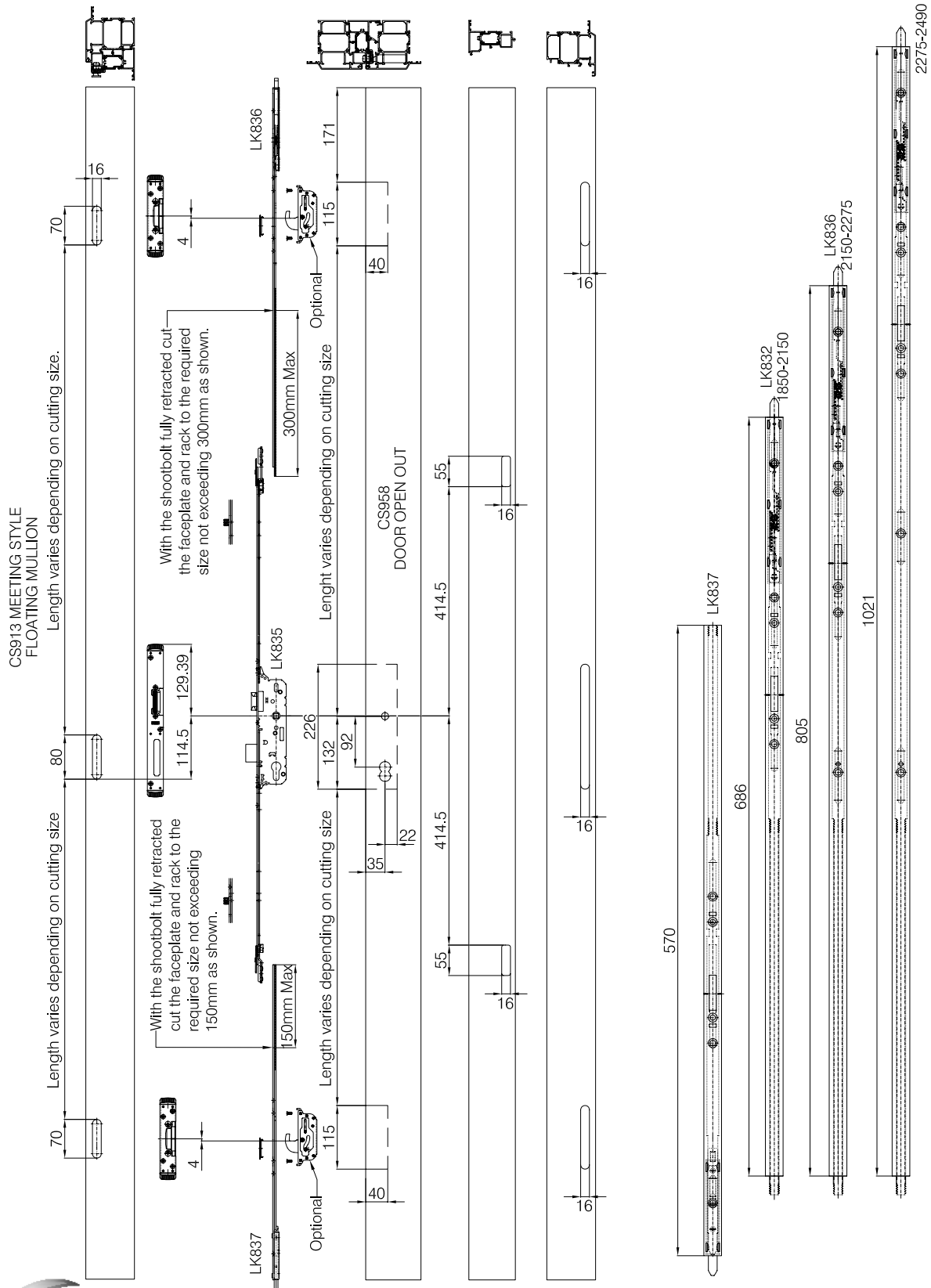




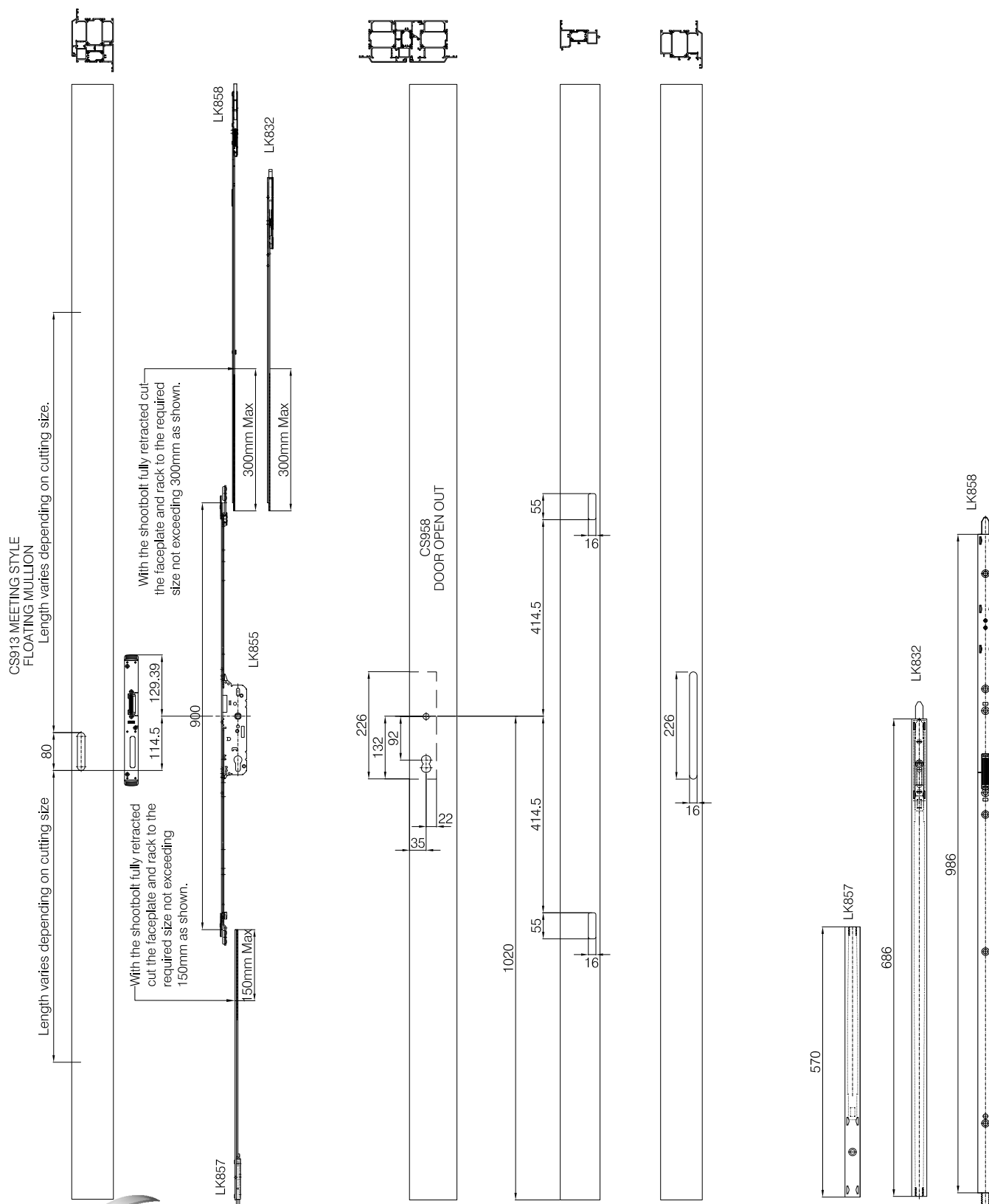
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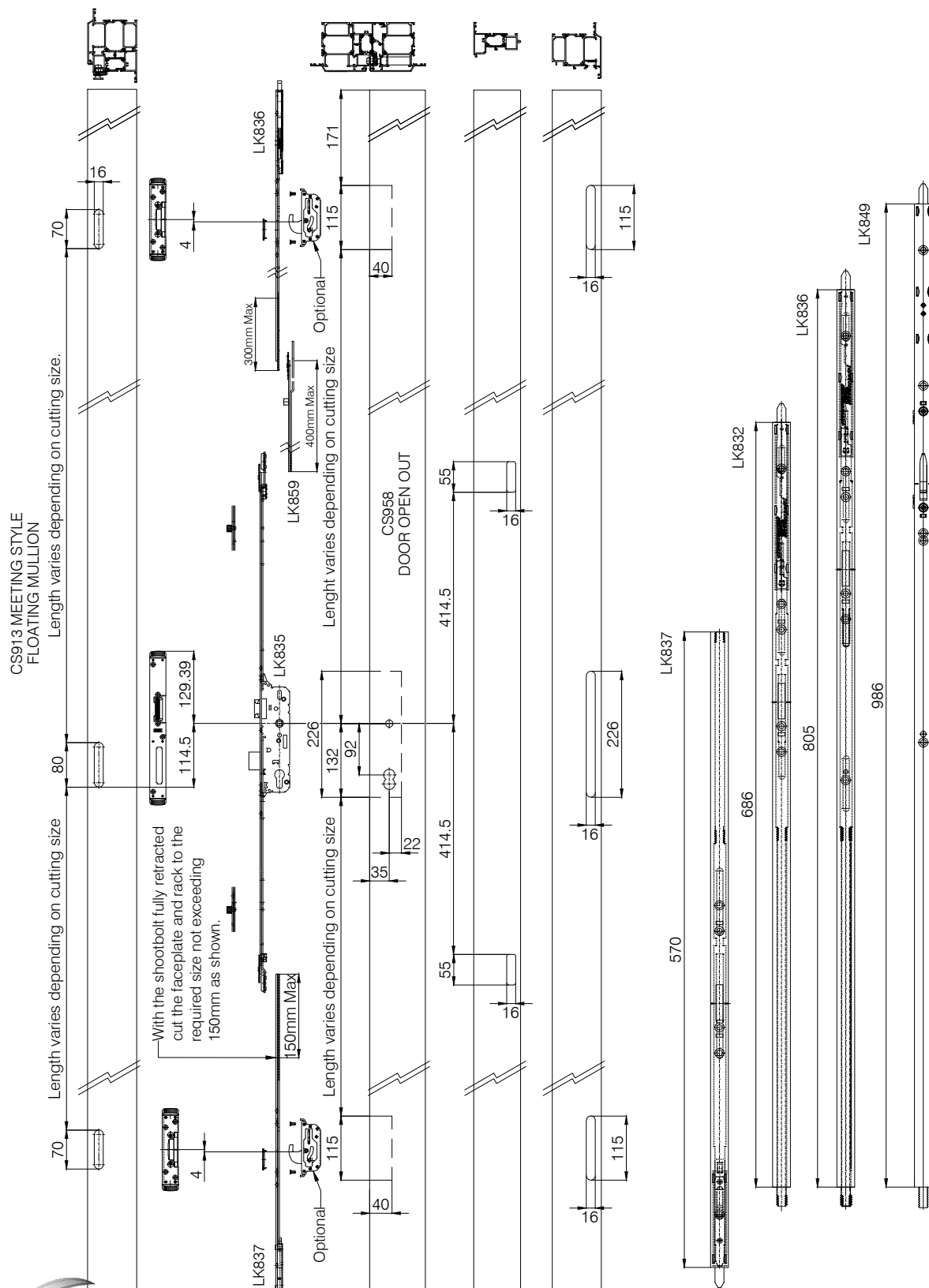




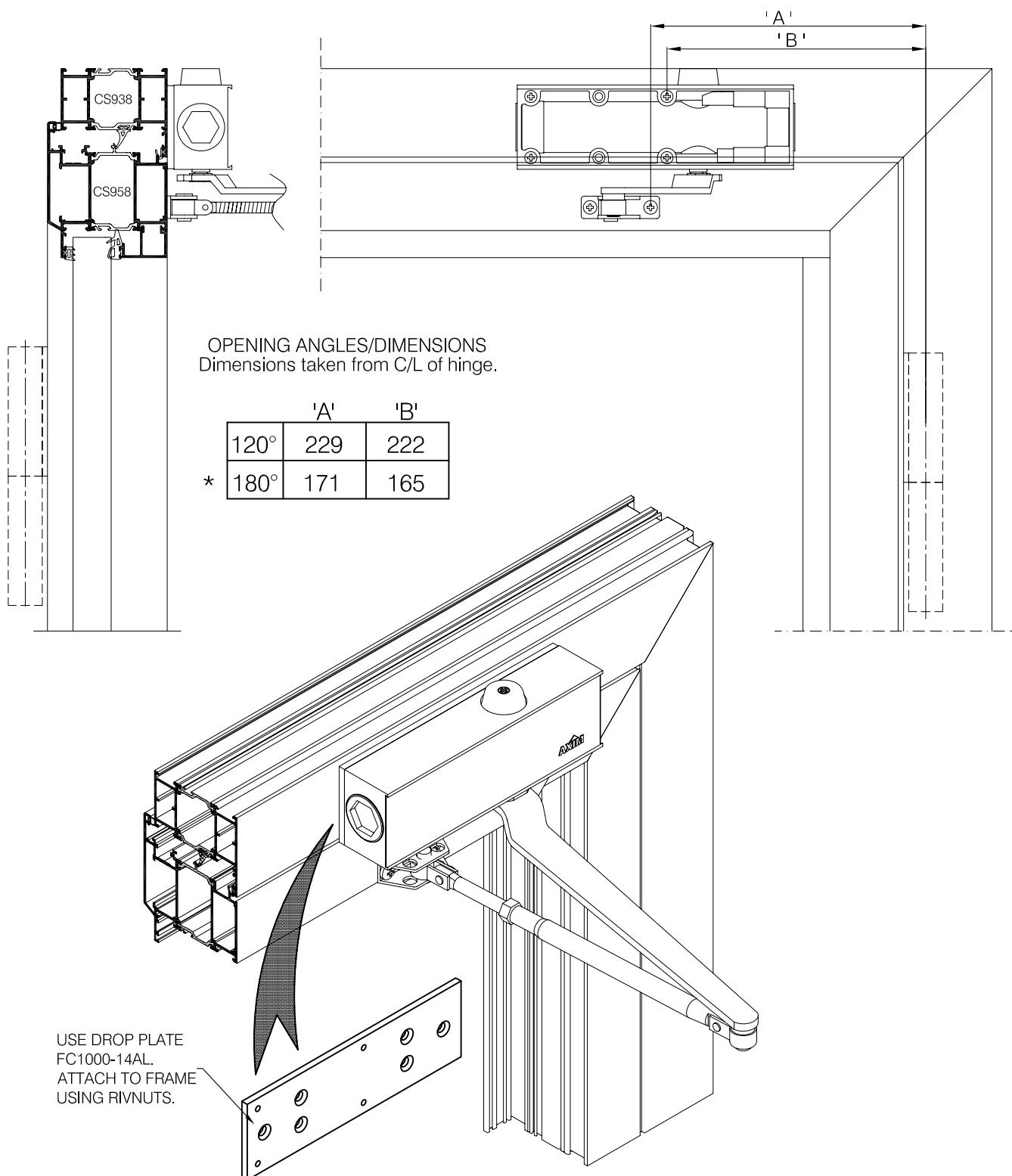
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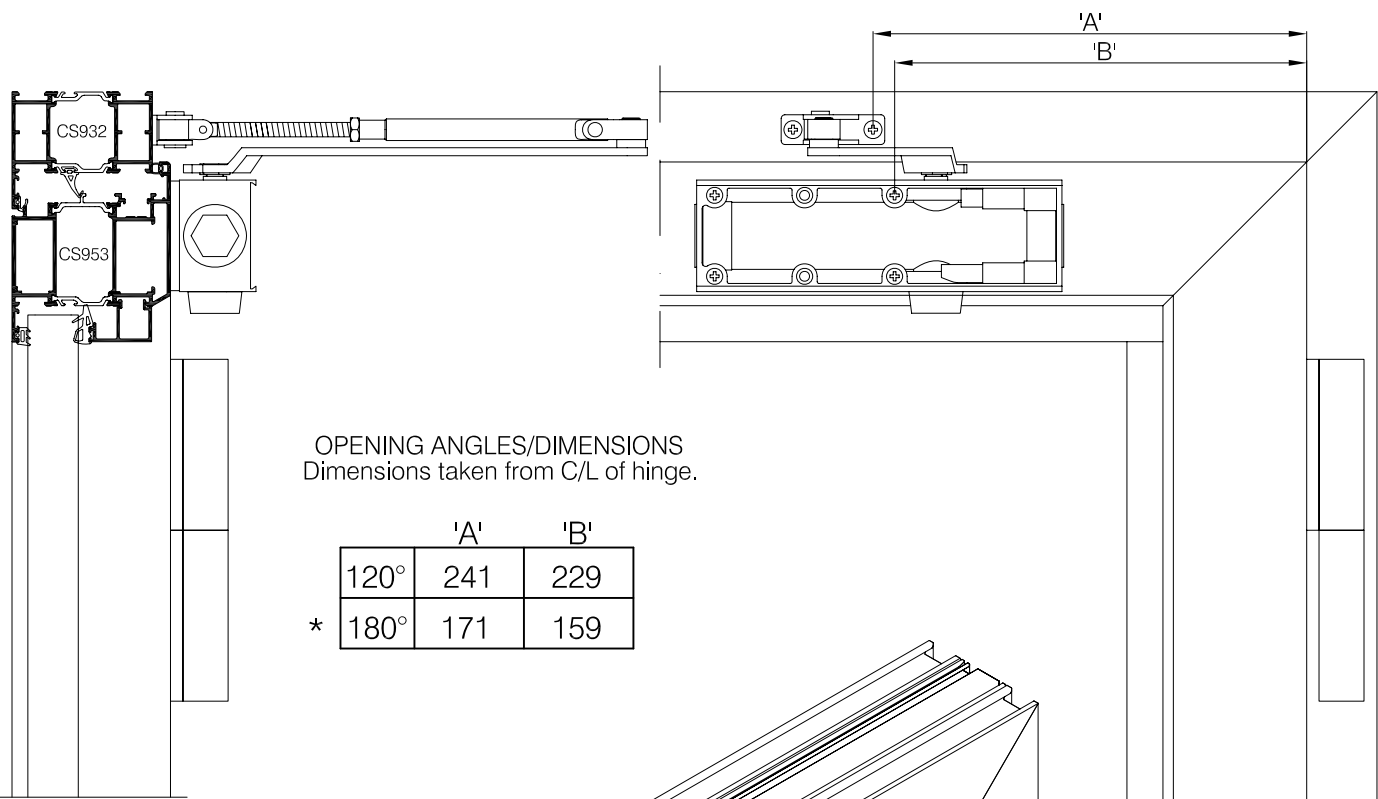


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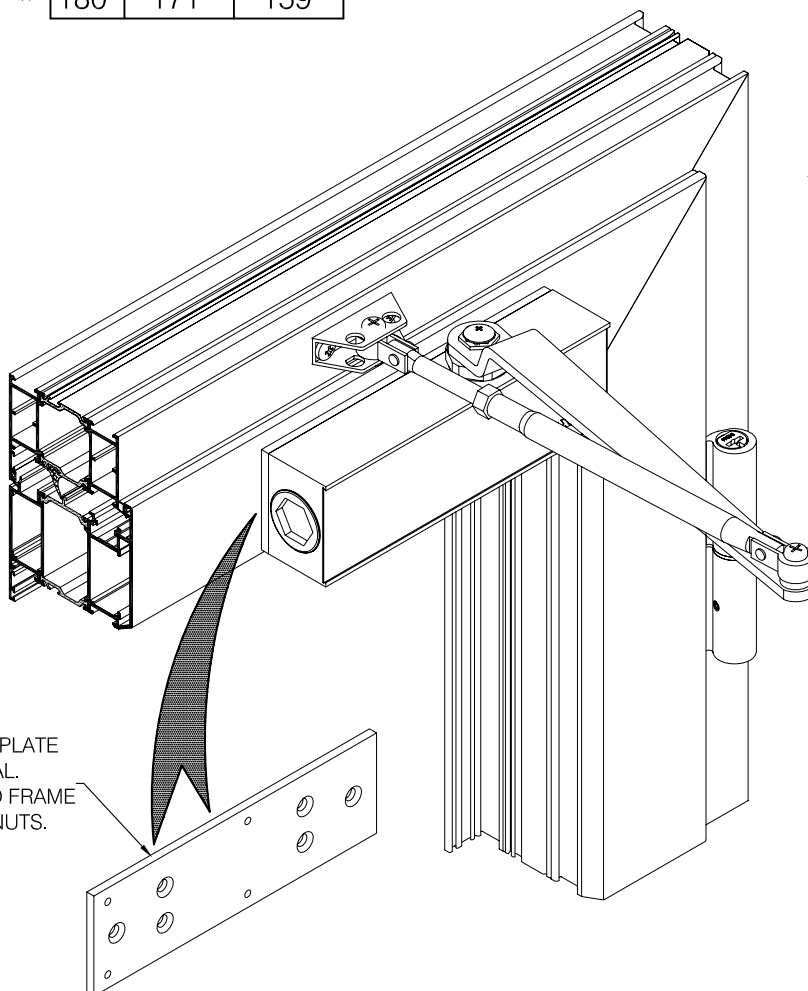
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OPENING ANGLES/DIMENSIONS
Dimensions taken from C/L of hinge.

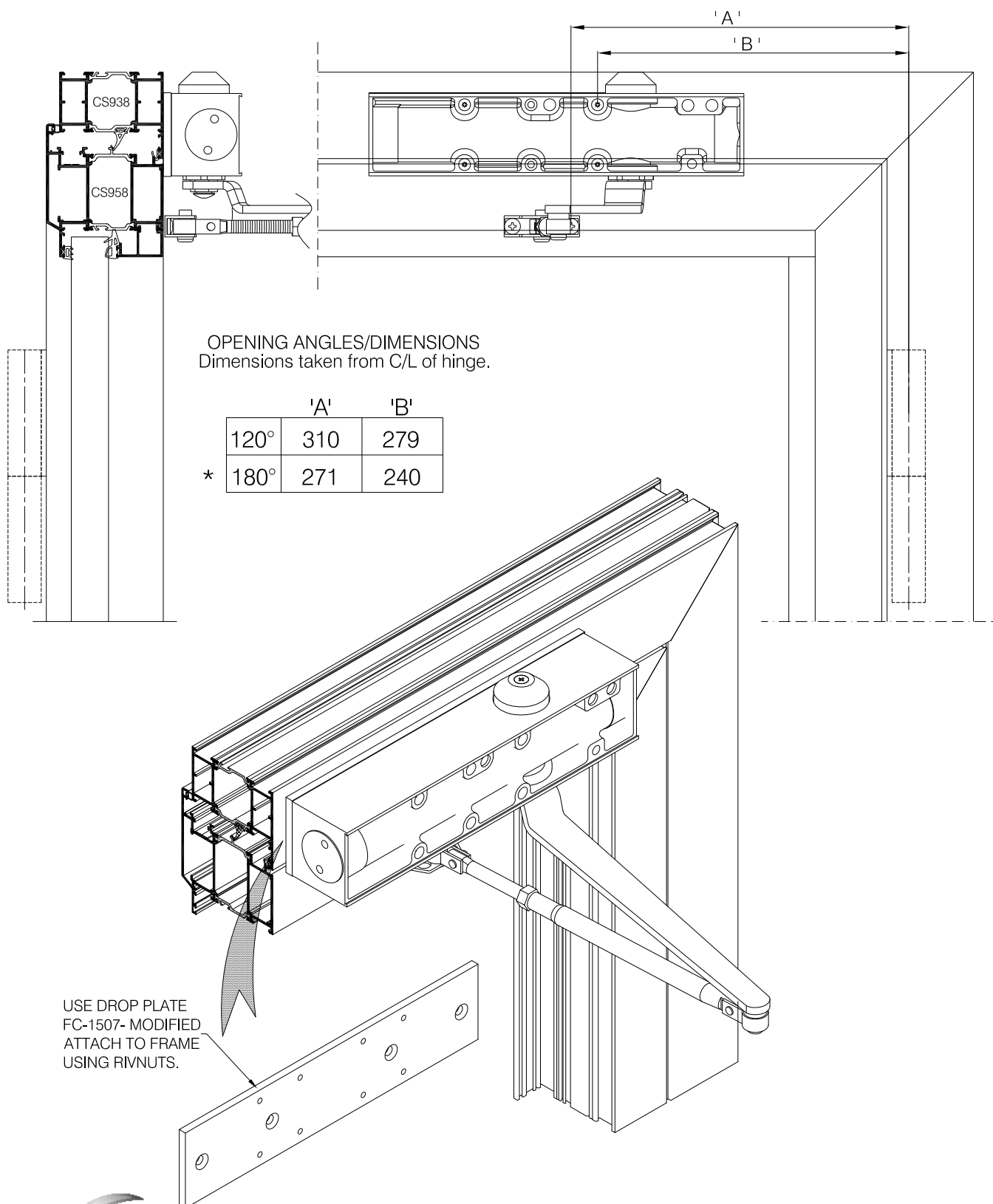
	'A'	'B'
120°	241	229
* 180°	171	159

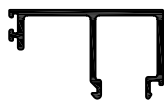


USE DROP PLATE
FC1000-14AL.
ATTACH TO FRAME
USING RIVNUTS.

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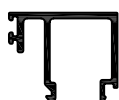




CS924



CS925



CS926



CS927



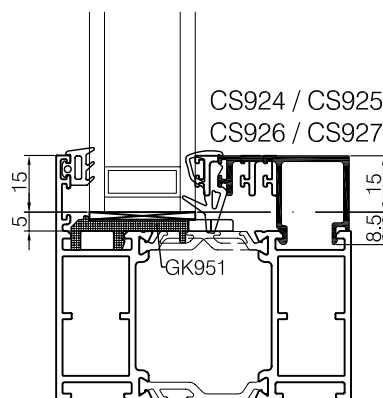
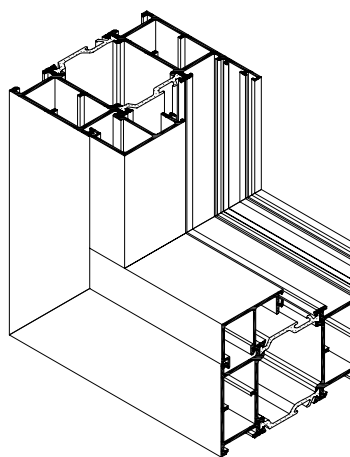
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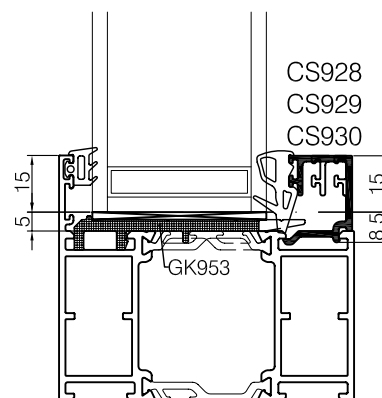
CS929



CS930



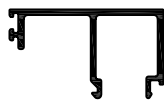
CS931 / CS932 / CS933
CS937 / CS938



CS931 / CS932 / CS933
CS937 / CS938

1. HORIZONTAL BEAD - SQUARE CUT = GLASS SIZE + 17mm
2. VERTICAL BEAD - SQUARE CUT = GLASS SIZE - 30mm

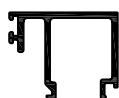




CS924



CS925



CS926



CS927



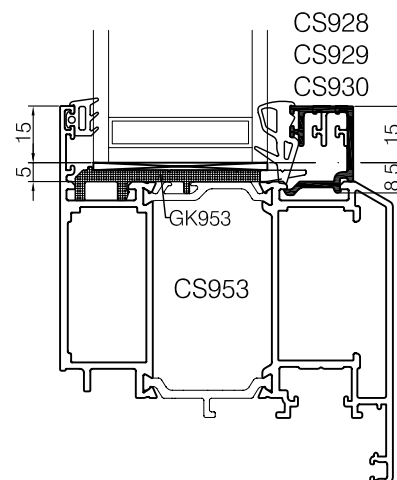
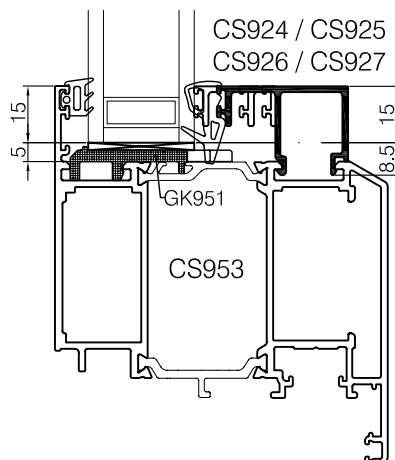
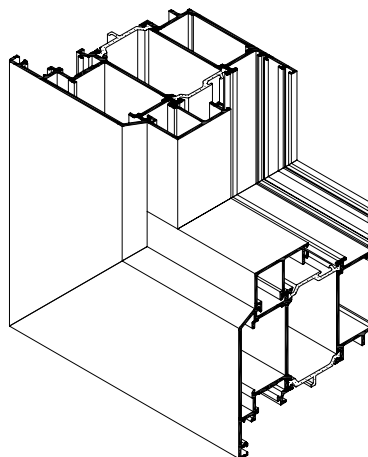
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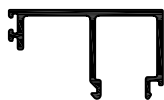


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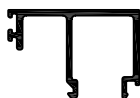


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2. VERTICAL BEAD - SQUARE CUT = GLASS SIZE - 30mm

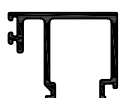




CS924



CS925



CS926



CS927



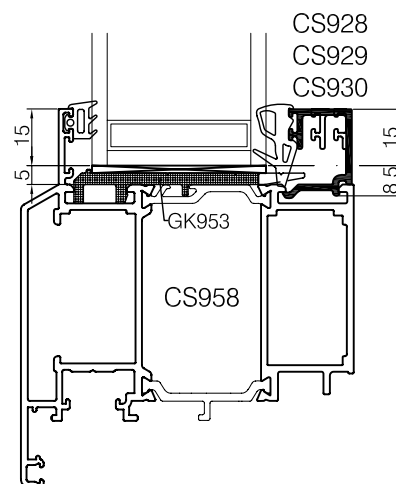
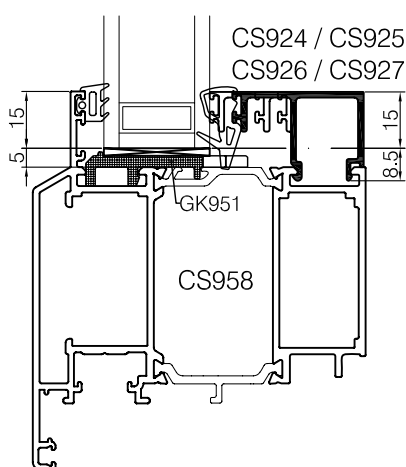
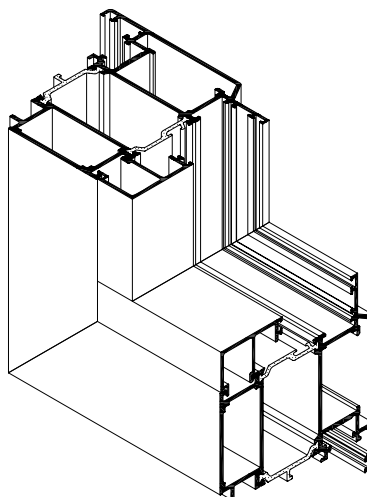
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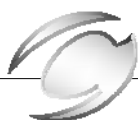
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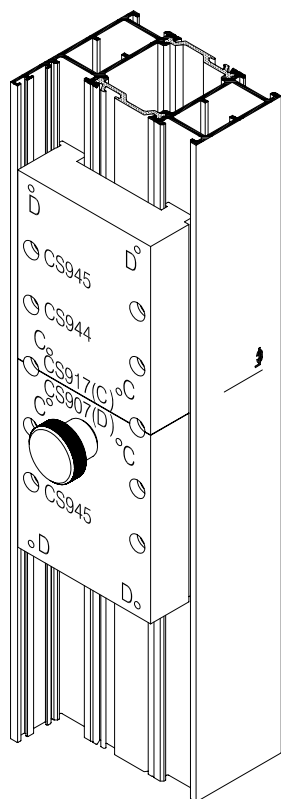
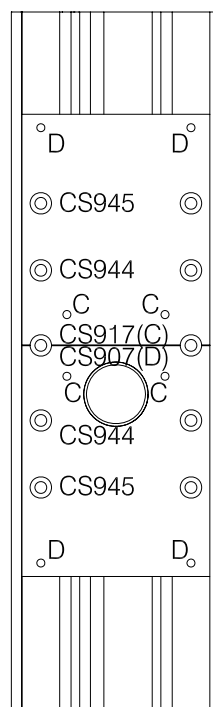
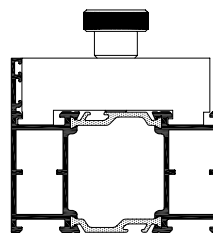
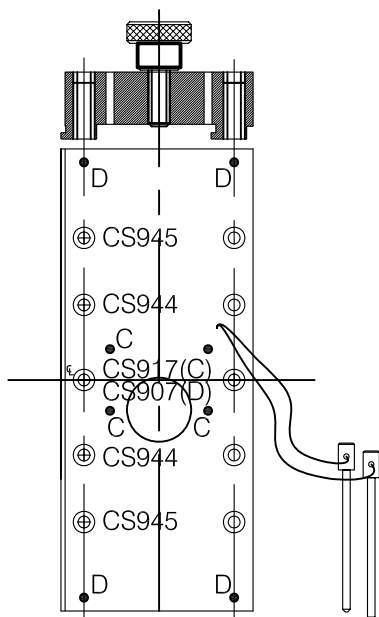


CS930



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2. VERTICAL BEAD - SQUARE CUT = GLASS SIZE - 30mm

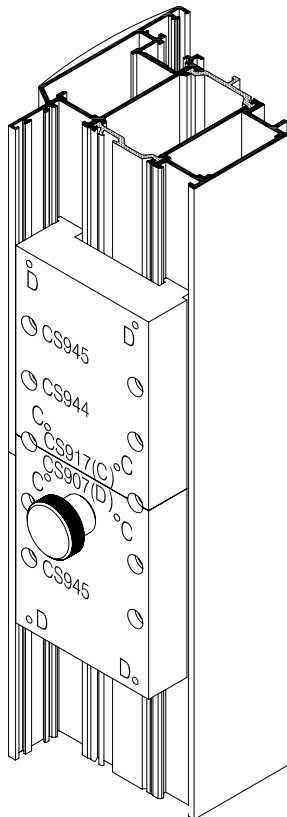
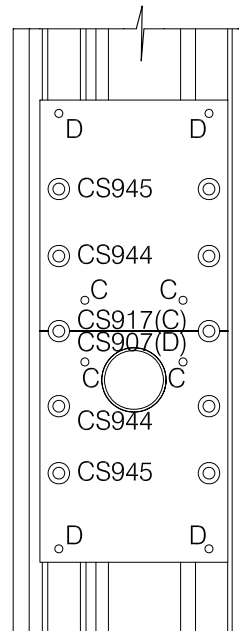
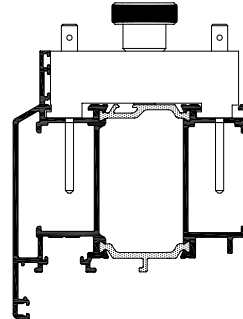
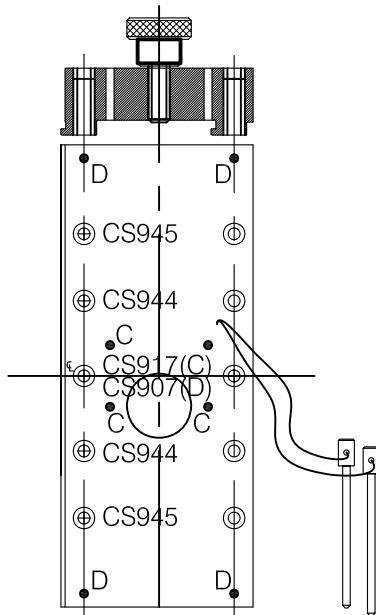




COM9 JIG 1

1. MARK TRANSOM CENTRE LINE ON MULLION/FRAME/DOOR STYLE.
2. POSITION JIG INTO SLOTS AS SHOWN AND ALIGN CENTRE LINES.
3. TIGHTEN CENTRAL SCREW TO FIX JIG.
4. USE Ø4 MM DRILL WHERE HOLES ARE INDICATED WITH RELEVANT PART NUMBER.





NOTE:
INSERT PINS INTO HOLES 'C' FOR CS917.
INSERT PINS INTO HOLES 'D' FOR CS907.

COM9 JIG 1

1. MARK TRANSOM CENTRE LINE ON MULLION/FRAME/DOOR STYLE.
2. POSITION JIG INTO SLOTS AS SHOWN AND ALIGN CENTRE LINES.
3. TIGHTEN CENTRAL SCREW TO FIX JIG.
4. USE Ø4 MM DRILL WHERE HOLES ARE INDICATED WITH RELEVANT PART NUMBER.



comar9Pi

TITLE
**PERFORMANCE FRAMING SYSTEM
FRAMING, WINDOWS, DOORS**

SHEET No.
3.61

SUB TITLE
**MITRED ANTI FINGER TRAP DOOR
FUTURE ADDITIONS**

FUTURE
ADDITION



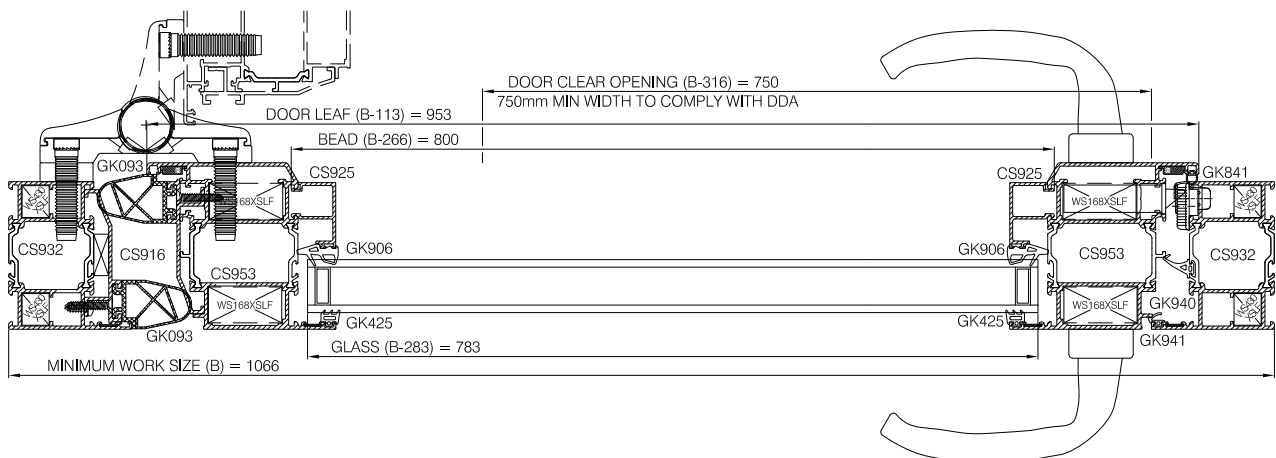
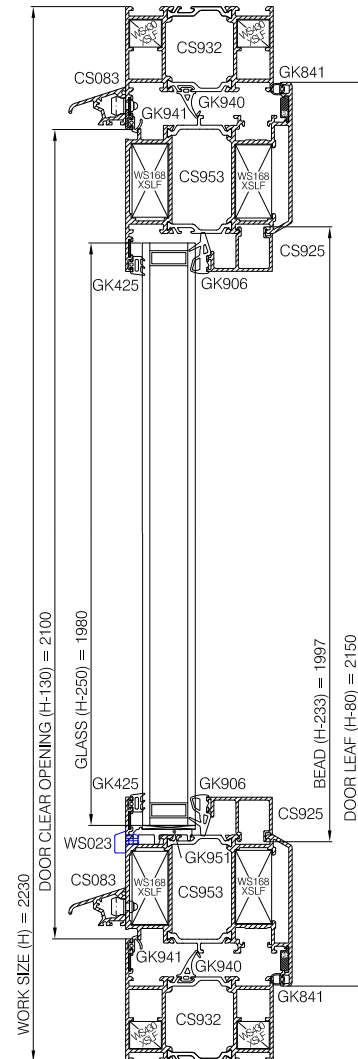
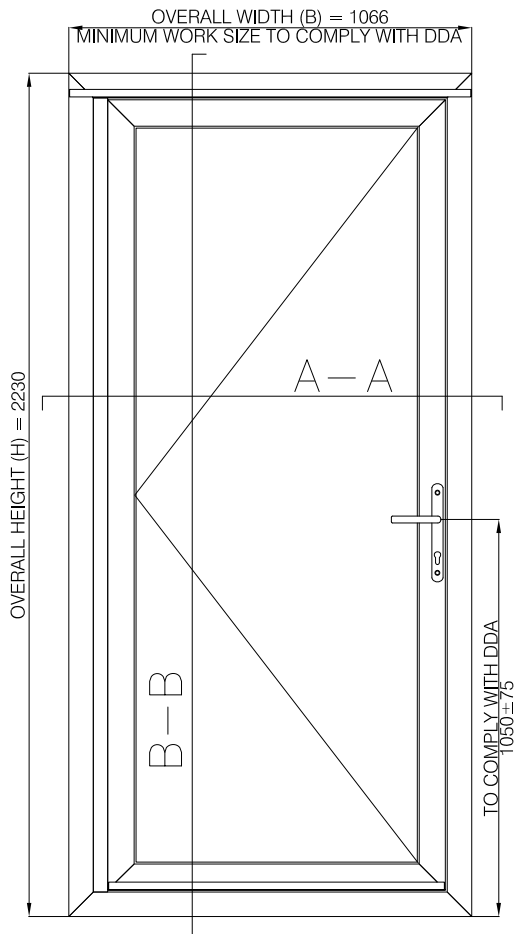
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Web Site: <http://www.comar-alu.co.uk>

SCALE	NTS	@ A4
DATE	15-04-2011	
DRAWN	OP / CAD	
DRG. No.	C9 Pi-PF-RD 3.61	



Cutting List Example for a Single Open In Rebated Door Outer Frame using CS932 (2230mm x 1066mm)				
FRAME - VERTICAL	CS932	— 2 @	H	2230mm
FRAME - HORIZONTAL	CS932	— 2 @	B	1066mm
DRIP - HEAD	CS083	— 1 @	B-5	1061mm
WEATHER SEAL GASKET	GK941	— 1 @	H - 116	2114mm
WEATHER SEAL GASKET	GK941	— 2 @	B - 126	940mm
CENTRE SEAL GASKET	GK940	— 2 @	H - 85	2145mm
CENTRE SEAL GASKET	GK940	— 1 @	B - 111	955mm
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 90	2140mm
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 77	2153mm
CLEAT FOR OUTERFRAME	WS430XSFL	— 8@	—	—
CHEVRON FOR OUTERFRAME	WS015XSFL	— 4@	—	—

Cutting List Example for the Rebated Door, Door Frame (2230mm x 1066mm)				
LEAF - VERTICAL	CS953	— 2 @	H - 80	2150mm
LEAF - HORIZONTAL	CS953	— 2 @	B - 113	953mm
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 90	2140mm
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 94	2136mm
BEAD - VERTICAL	CS925	— 2 @	H - 233	1997mm
BEAD - HORIZONTAL	CS925	— 2 @	B - 266	800mm
DRIP - BOTTOM	CS083	— 1 @	B - 178	888mm
WEATHER SEAL GASKET	GK841	— 1 @	H - 81	2149mm
WEATHER SEAL GASKET	GK841	— 2 @	B - 114	952mm
CAPTIVE GASKET - VERTICAL	GK425	— 2 @	H - 264	1966mm
CAPTIVE GASKET - HORIZONTAL	GK425	— 2 @	B - 297	769mm
WEDGE GASKET - VERTICAL	GK906	— 4 @	H - 238	1992mm
WEDGE GASKET - HORIZONTAL	GK906	— 4 @	B - 272	794mm
CHEVRON FOR DOOR LEAF	WS015XSFL	— 4@	—	—
CLEAT FOR DOOR LEAF	WS168XSFL	— 8@	—	—
PIN FOR CLEAT WS168XSFL	WS099XSFL	— 16@	—	—
ALIGNMENT SQUARE FOR VENT	WS416XSFL	— 4@	—	—

ACCESSORIES AND ADDITIONAL ITEMS		
GLAZING SUPPORT	GK951	— 2
HINGE WHITE (EWHT) OR SILVER (BSVR) - PAIR	HN903EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
STANDARD HANDLE (PAIR)	HN882EWHT	— 1
140mm x 8mm SPINDLE	SP900XSFL	— 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 3
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT	— 4
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

GLASS (28mm)	
GH=H-250	GB=B-283
1980	783

DOOR LEAF

GLASS WEIGHT = ((6mm + 6mm) x 2.5) x (2.011 x 0.750) = 45.25Kgs

NOTE:

- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS
- *1050 TO COMPLY WITH DDA



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SCALE	NTS	@ A4
DATE	30-11-2011	
DRAWN	OP / APW	
DRG. No.	C9 Pi-PF-RD 3.63 R1	

Cutting List Example for Rebated Door Outer Frame using CS932 (2230mm x 1066mm)				
FRAME - VERTICAL	CS932	— 2 @	H	2230mm
FRAME - HORIZONTAL	CS932	— 1 @	B	1066mm
DRIP - HEAD	CS083	— 1 @	B-5	1061mm
WEATHER SEAL GASKET	GK941	— 1 @	H - 80	2150mm
WEATHER SEAL GASKET	GK941	— 2 @	B - 126	940mm
CENTRE SEAL GASKET	GK940	— 1 @	H - 57	2173mm
CENTRE SEAL GASKET	GK940	— 1 @	B - 97	969mm
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H-60	2170mm
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 45	2185mm
CLEAT FOR OUTERFRAME	WS430XSLF	— 4 @	—	—
CHEVRON FOR OUTERFRAME	WS015XSLF	— 2 @	—	—
LOW THRESHOLD	CS917	— 1 @	B-90	976mm

Cutting List Example for Rebated Door Leaf using CS953 (2230mm x 1066mm)				
LEAF - VERTICAL	CS953	— 2 @	H - 49	2181mm
LEAF - HORIZONTAL	CS953	— 2 @	B - 113	953mm
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	B - 60	2170mm
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 59	2171mm
BEAD - VERTICAL	CS925	— 4 @	H - 202	2028mm
BEAD - HORIZONTAL	CS925	— 4 @	B - 266	800mm
DRIP BOTTOM	CS083	— 1 @	B - 178	888mm
WEATHER SEAL GASKET - VERTICAL	GK841	— 1 @	H - 50	2180mm
WEATHER SEAL GASKET-HORIZONTAL	GK841	— 1 @	B - 114	952mm
CAPTIVE GASKET - VERTICAL	GK425	— 2 @	H - 233	1997mm
CAPTIVE GASKET - HORIZONTAL	GK425	— 2 @	B - 297	769mm
WEDGE GASKET - VERTICAL	GK906	— 2 @	H - 208	2022mm
WEDGE GASKET - HORIZONTAL	GK906	— 1 @	B - 272	794mm
CHEVRON FOR DOOR LEAF	WS015XSLF	— 4 @	—	—
CLEAT FOR DOOR LEAF	WS168XSLF	— 8 @	—	—
PIN FOR CLEAT WS168XSLF	WS099XSLF	— 16 @	—	—
ALIGNMENT SQUARE FOR LEAF	WS416XSLF	— 4 @	—	—
LOW THRESHOLD GASKET CARRIER	CS914	— 1 @	B - 90	976mm
EXTERNAL SEAL	GK048	— 1 @	H - 90	976mm
OUTER SEAL	GK049	— 1 @	B - 90	976mm

ACCESSORIES AND ADDITIONAL ITEMS	
GLAZING SUPPORT	GK951 — 2
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN903EWHT — 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSLF — 1
ROLLER KEEP	LK834XSLF — 2
HOOK KEEPS	LK840XSLF — 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSLF — 1
CYLINDER (3KEYS)	LK090BSVR — 1
STANDARD HANDLE (PAIR)	HN882EWHT — 1
140mm x 8mm SPINDLE	SP900XSLF — 1
POP RIVET FOR CS083 SNAP FIT	FX047XSLF — 10
LIFTING WEDGE	WS561DBLK — 3
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08 — 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT — 4
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK — 1
120mm MACHINE SCREW - PACK 10	FX900XSLF — 1

GLASS (28mm)	
GH=H-219	GB=B-250
2011	750

DOOR LEAF

GLASS WEIGHT = ((6mm + 6mm) x 2.5) x (2.011 x 0.750) = 45.25Kgs

NOTE:

- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS
- *1050 TO COMPLY WITH DDA

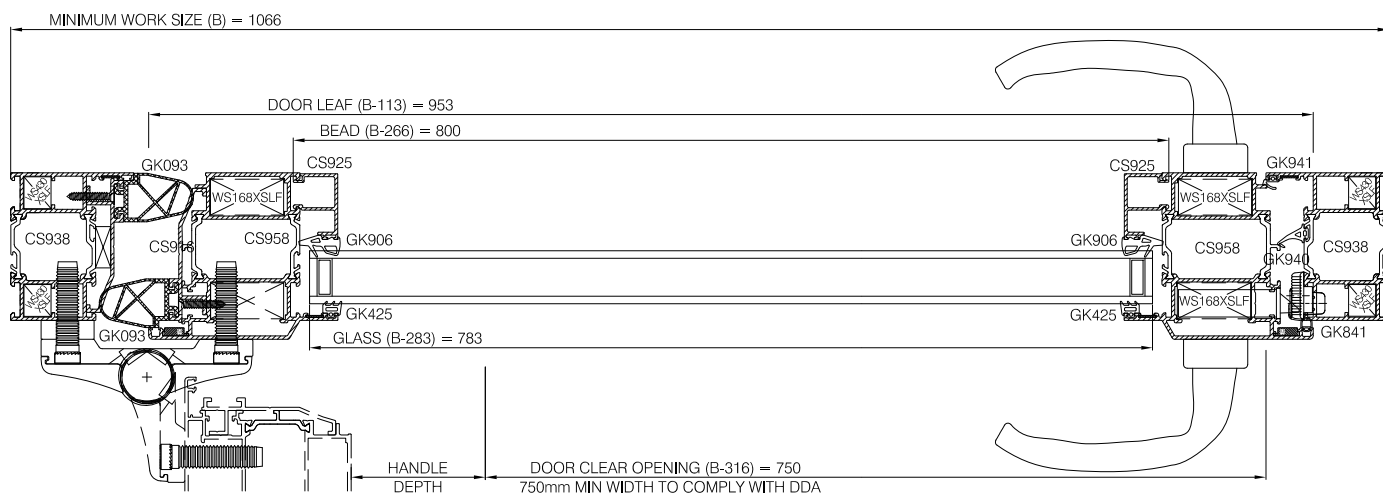
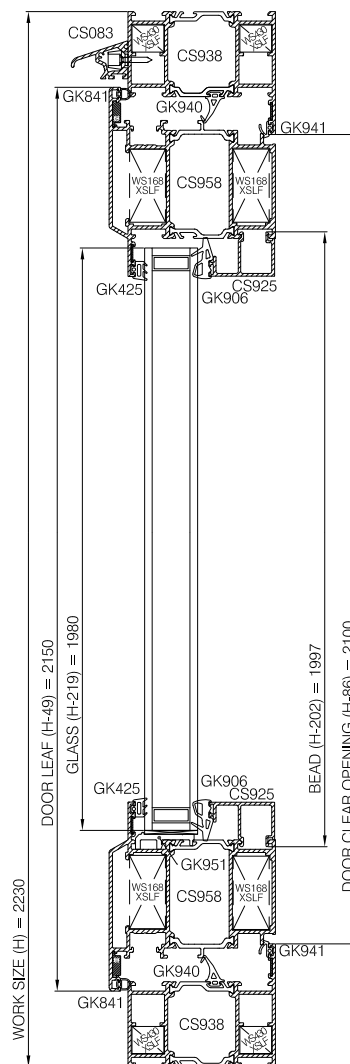
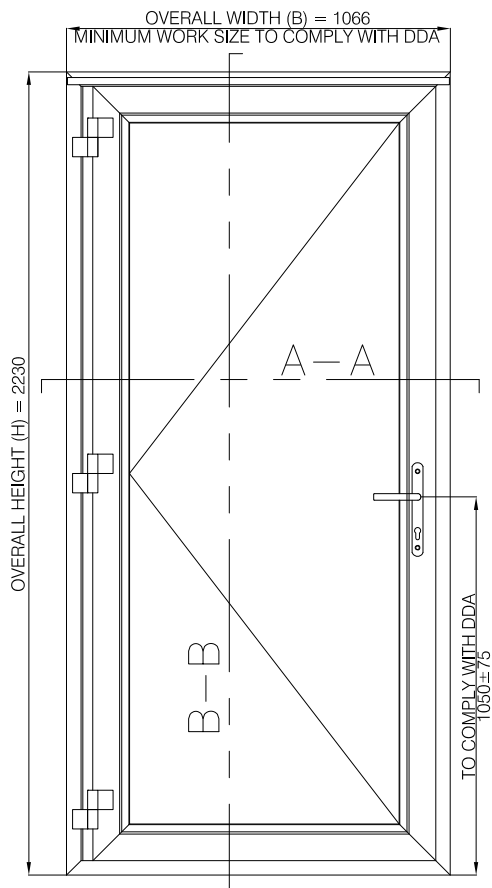


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SCALE	NTS	@ A4
DATE	30-11-2011	
DRAWN	OP / APW	
DRG. No.	C9 Pi-PF-RD 3.65 R1	



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Cutting List Example for Rebated Door Outer Frame CS938
(2230mm x 1066mm)

FRAME - VERTICAL	CS938	— 2 @	H	2230mm	
FRAME - HORIZONTAL	CS938	— 2 @	B	1066mm	
DRIP HEAD	CS083	— 1 @	B-5	1061mm	
WEATHER SEAL GASKET	GK941	— 1 @	H - 116	2114mm	
WEATHER SEAL GASKET	GK941	— 2 @	B - 116	950mm	
CENTRE SEAL GASKET	GK940	— 1 @	H - 81	2149mm	
CENTRE SEAL GASKET	GK940	— 2 @	B - 81	985mm	
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 80	2150mm	
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 109.4	2121mm	
CLEAT FOR OUTERFRAME	WS430XSFL	— 8 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFL	— 4 @	—	—	

Cutting List Example for Rebated Door Leaf CS958
(2230mm x 1066mm)

LEAF - VERTICAL	CS958	— 2 @	H - 80	2150mm	
LEAF - HORIZONTAL	CS958	— 2 @	B - 113	953mm	
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 90	2140mm	
BEAD - VERTICAL	CS925	— 2 @	H - 233	1997mm	
BEAD - HORIZONTAL	CS925	— 2 @	B - 266	800mm	
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 90	2140mm	
WEATHER SEAL GASKET	GK841	— 1 @	H - 81	2149mm	
WEATHER SEAL GASKET	GK841	— 1 @	B - 113	953mm	
CAPTIVE GASKET - VERTICAL	GK425	— 2 @	H - 264	1966mm	
CAPTIVE GASKET - HORIZONTAL	GK425	— 2 @	B - 297	769mm	
WEDGE GASKET - VERTICAL	GK906	— 2 @	H - 239	1991mm	
WEDGE GASKET - HORIZONTAL	GK906	— 2 @	B - 272	794mm	
CLEAT FOR DOOR VENT	WS168XSFL	— 8 @	—	—	
PIN FOR CLEAT WS168XSFL	WS099XSFL	— 16 @	—	—	
CHEVRON FOR DOOR VENT	WS015XSFL	— 4 @	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFL	— 4 @	—	—	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951	— 4
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN903EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
STANDARD HANDLE (PAIR)	HN882EWHT	— 1
140mm x 8mm SPINDLE	SP900XSFL	— 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 3
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

GLASS SIZE (28mm)

GH=H-250	GB=B-282
1980	784

DOOR LEAF

$$\text{GLASS WEIGHT} = ((6\text{mm} + 6\text{mm}) \times 2.5) \times (1.980 \times 0.784) = 46.57\text{Kgs}$$

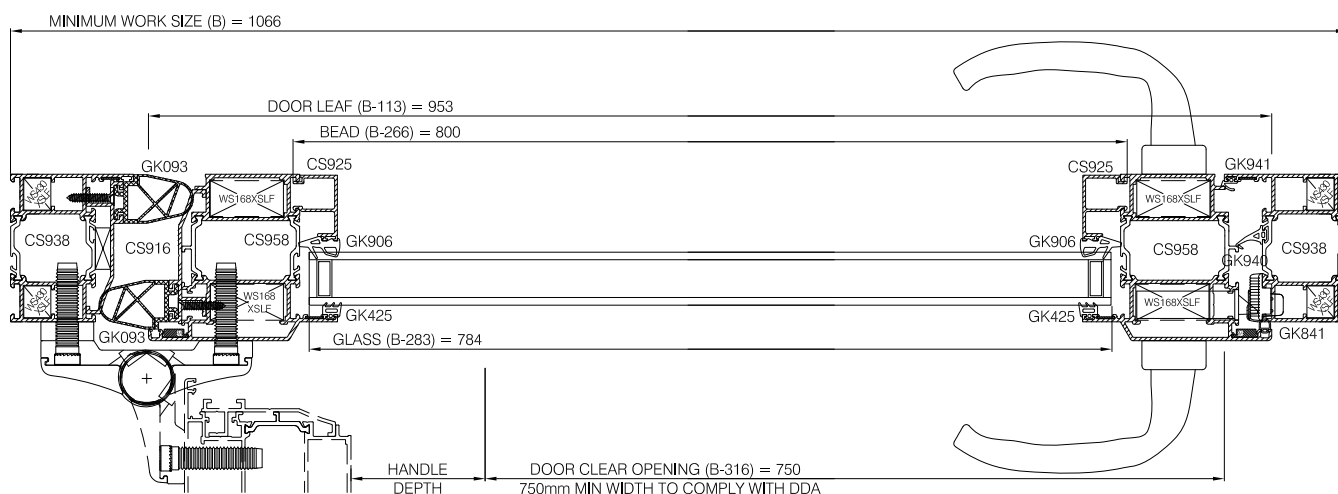
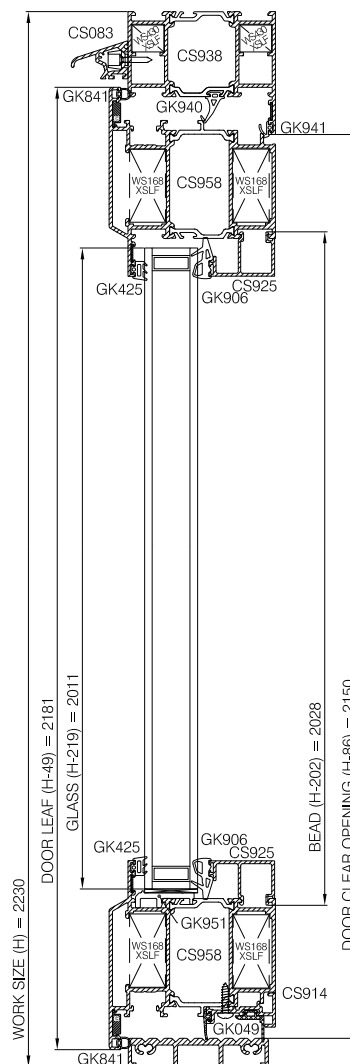
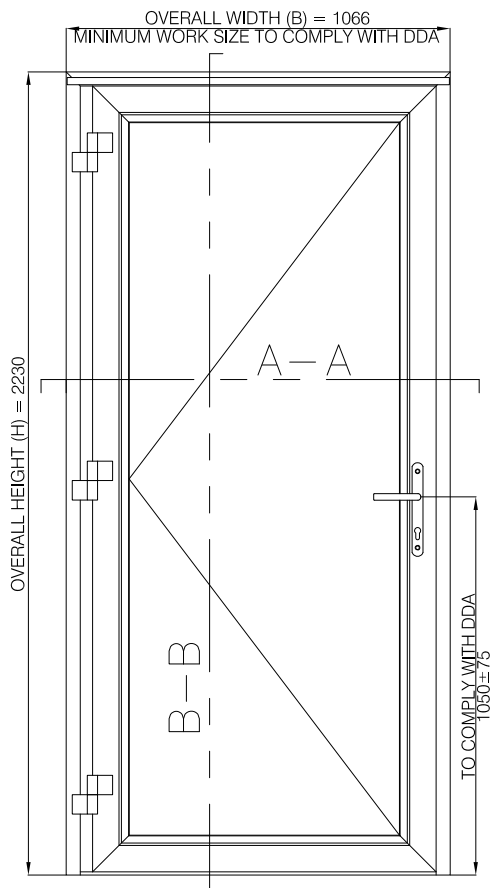
NOTE:

- ADD 3% TO GASKET LENGTH

- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS

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Cutting List Example for Rebated Door Outer Frame CS938
(2230mm x 1066mm)

FRAME - VERTICAL	CS938	— 2 @	H	2230mm	
FRAME - HORIZONTAL	CS938	— 1 @	B	1066mm	
DRIP - HEAD	CS083	— 1 @	B - 5	1061mm	
WEATHER SEAL GASKET	GK941	— 1 @	H - 80	2180mm	
WEATHER SEAL GASKET	GK941	— 1 @	B - 126	940mm	
CENTRE SEAL GASKET	GK940	— 1 @	H - 60	2170mm	
CENTRE SEAL GASKET	GK940	— 1 @	B - 97	969mm	
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 60	2170mm	
ANTI-FINGER TRAP GASKET	GK903	— 1 @	H - 45	2185mm	
CLEAT FOR OUTERFRAME	WS430XSFL	— 4 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFL	— 2 @	—	—	
LOW THRESHOLD	CS917	— 1 @	B - 90	976mm	

Cutting List Example for Rebated Door Leaf CS958
(2230mm x 1066mm)

LEAF - VERTICAL	CS958	— 2 @	H - 49	2181mm	
LEAF - HORIZONTAL	CS958	— 2 @	B - 113	953mm	
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	B - 60	2170mm	
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 59	2171mm	
BEAD - VERTICAL	CS925	— 4 @	H - 202	2028mm	
BEAD - HORIZONTAL	CS925	— 4 @	B - 266	800mm	
DRIP BOTTOM	CS083	— 1 @	B - 178	888mm	
WEATHER SEAL GASKET - VERTICAL	GK841	— 1 @	H - 50	2180mm	
WEATHER SEAL GASKET - HORIZONTAL	GK841	— 1 @	B - 114	952mm	
CAPTIVE GASKET - VERTICAL	GK425	— 2 @	H - 233	1997mm	
CAPTIVE GASKET - HORIZONTAL	GK425	— 2 @	B - 297	769mm	
WEDGE GASKET - VERTICAL	GK906	— 2 @	H - 208	2022mm	
WEDGE GASKET - HORIZONTAL	GK906	— 1 @	B - 272	794mm	
CHEVRON FOR DOOR LEAF	WS015XSFL	— 4 @	—	—	
CLEAT FOR DOOR LEAF	WS168XSFL	— 8 @	—	—	
PIN FOR CLEAT WS168XSFL	WS099XSFL	— 16 @	—	—	
ALIGNMENT SQUARE FOR LEAF	WS416XSFL	— 4 @	—	—	
LOW THRESHOLD GASKET CARRIER	CS914	— 1 @	B - 90	910mm	
EXTERNAL SEAL	GK048	— 1 @	B - 90	910mm	
OUTER SEAL	GK049	— 1 @	B - 90	910mm	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951	— 2
HINGE WHITE/SILVER (EWHT/BSVR)- PAIR	HN903EWHT	— 2
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
STANDARD HANDLE (PAIR)	HN882EWHT	— 1
140mm x 8mm SPINDLE	SP900XSFL	— 1
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
LIFTING WEDGE	WS561DBLK	— 3
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT	— 4
END CAP FOR LOW THRESHOLD CS914 (PAIR)	EC914DBLK	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

GLASS (28mm)

GH=H-219	GB=B-250
2011	784

DOOR LEAF

GLASS WEIGHT = ((6mm + 6mm) x 2.5) x (2.011 x 0.784) = 47.30Kgs

NOTE:

- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS
- *1050 TO COMPLY WITH DDA



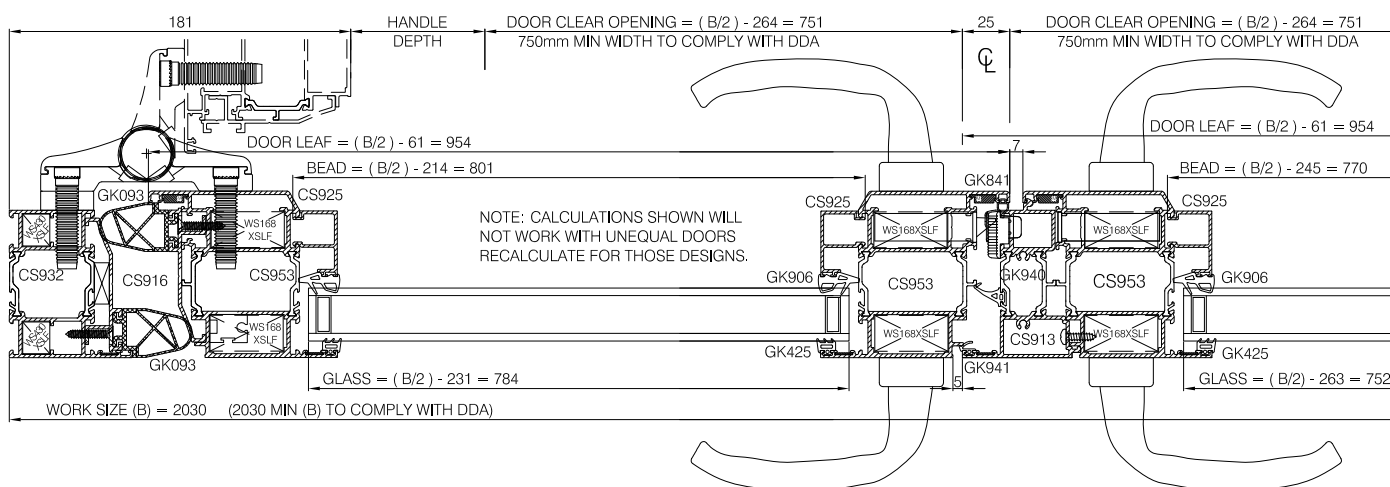
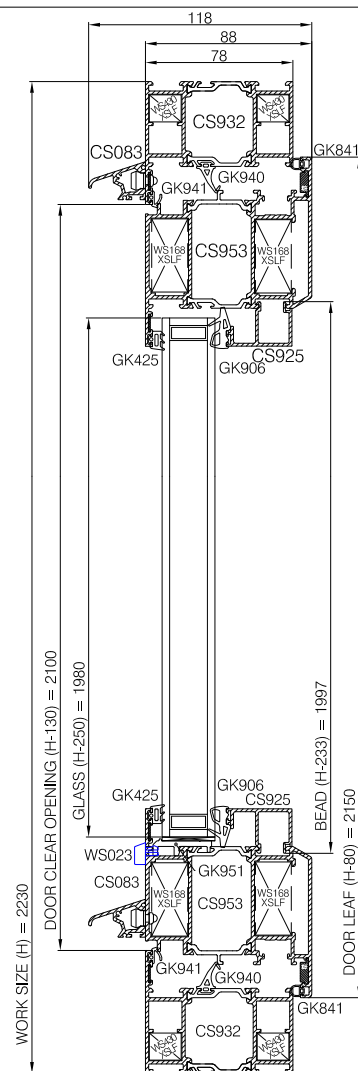
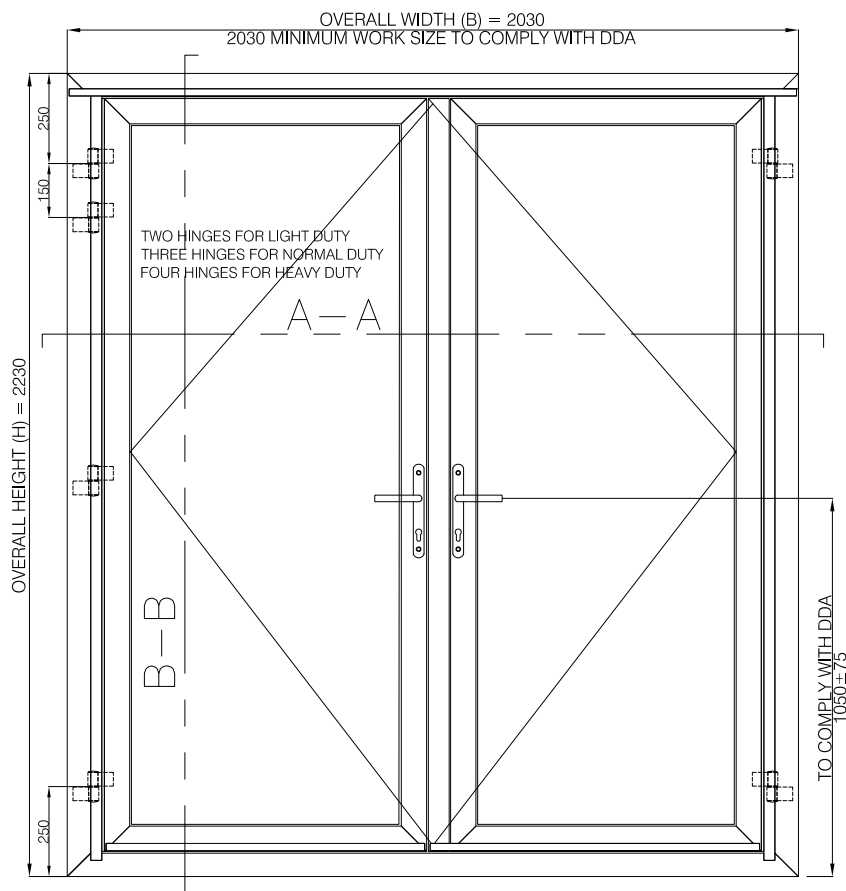
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SCALE	NTS	@ A4
DATE	30-11-2011	
DRAWN	OP / APW	
DRG. No.	C9 Pi-PF-RD 3.69 R1	



Cutting List Example for Rebated Door Outer Frame CS932 (2230mm x 2030mm)				
FRAME - VERTICAL	CS932 — 2 @	H	2230mm	
FRAME - HORIZONTAL	CS932 — 2 @	B	2030mm	
DRIP - HEAD	CS083 — 1 @	B - 10	2020mm	
WEATHER SEAL GASKET	GK941 — 1 @	H - 116	2114mm	
WEATHER SEAL GASKET	GK941 — 2 @	B - 116	1914mm	
CENTRE SEAL GASKET	GK940 — 1 @	H - 85	2145mm	
CENTRE SEAL GASKET	GK940 — 2 @	B - 85	1945mm	
ANTI-FINGER TRAP ADAPTER	CS916 — 1 @	H - 90	2140mm	
ANTI-FINGER TRAP GASKET	GK093 — 2 @	H - 109	2121mm	
CLEAT FOR OUTERFRAME	WS430XSFLF — 8 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFLF — 4 @	—	—	

Cutting List Example for Rebated Door Leaf CS953 (2230mm x 2030mm)				
LEAF - VERTICAL	CS953 — 4 @	H - 80	2150mm	
LEAF - HORIZONTAL	CS953 — 4 @	B/2 - 61	954mm	
ANTI-FINGER TRAP ADAPTER	CS916 — 1 @	H - 120	2110mm	
ANTI-FINGER TRAP GASKET	GK093 — 1 @	H - 120	2136mm	
BEAD - VERTICAL	CS925 — 4 @	H - 233	1997mm	
BEAD - HORIZONTAL - (MASTER)	CS925 — 2 @	B/2 - 214	801mm	
BEAD - HORIZONTAL - (SLAVE)	CS925 — 2 @	B/2 - 245	770mm	
DRIP BOTTOM - (MASTER)	CS083 — 1 @	B/2 - 130	885mm	
DRIP BOTTOM - (SLAVE)	CS083 — 1 @	B/2 - 100	915mm	
WEATHER SEAL GASKET	GK841 — 1 @	H - 215	2149mm	
WEATHER SEAL GASKET	GK841 — 2 @	B - 109	1921mm	
CAPTIVE GASKET - VERTICAL	GK425 — 4 @	H - 264	1966mm	
CAPTIVE GASKET - HORIZONTAL	GK425 — 4 @	B/2 - 245	770mm	
WEDGE GASKET - VERTICAL	GK906 — 4 @	H - 239	1991mm	
WEDGE GASKET - HORIZONTAL	GK906 — 4 @	B/2 - 320	795mm	
CHEVRON FOR DOOR VENT	WS015XSFLF — 8 @	—	—	
CLEAT FOR DOOR VENT	WS168XSFLF — 16 @	—	—	
PIN FOR CLEAT WS168XSFLF	WS099XSFLF — 32 @	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFLF — 8 @	—	—	
FLOATING MULLION	CS913 — 1 @	H - 119	2111mm	

ACCESSORIES AND ADDITIONAL ITEMS		
GLAZING SUPPORT	GK951	— 4
HINGE WHITE (EWHT) OR SILVER (BSVR) - PAIR	HN903EWHT	— 3
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFLF	— 1
ROLLER KEEP	LK834XSFLF	— 2
HOOK KEEPS	LK840XSFLF	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFLF	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
SLAVE LEAF CENTRE SECTION	LK855XSFLF	— 1
TOP SHOOT	LK832XSFLF	— 1
BOTTOM SHOOT	LK857XSFLF	— 1
SINGLE SHOOT KEEP	LK833XSFLF	— 2
SINGLE SHOOT KEEP PACKER LEFT/RIGHT	LK838/839XSFLF	— 2
STANDARD HANDLE (PAIR)	HN882EWHT	— 2
140mm x 8mm SPINDLE	SP900XSFLF	— 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFLF	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
ALU GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT	— 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913EWHT	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFLF	— 1

GLASS SIZE (28mm)		
GH=H-250	1 @ GM=B/2-231	1 @ GS=B/2-263
1980	784	752

NOTE:

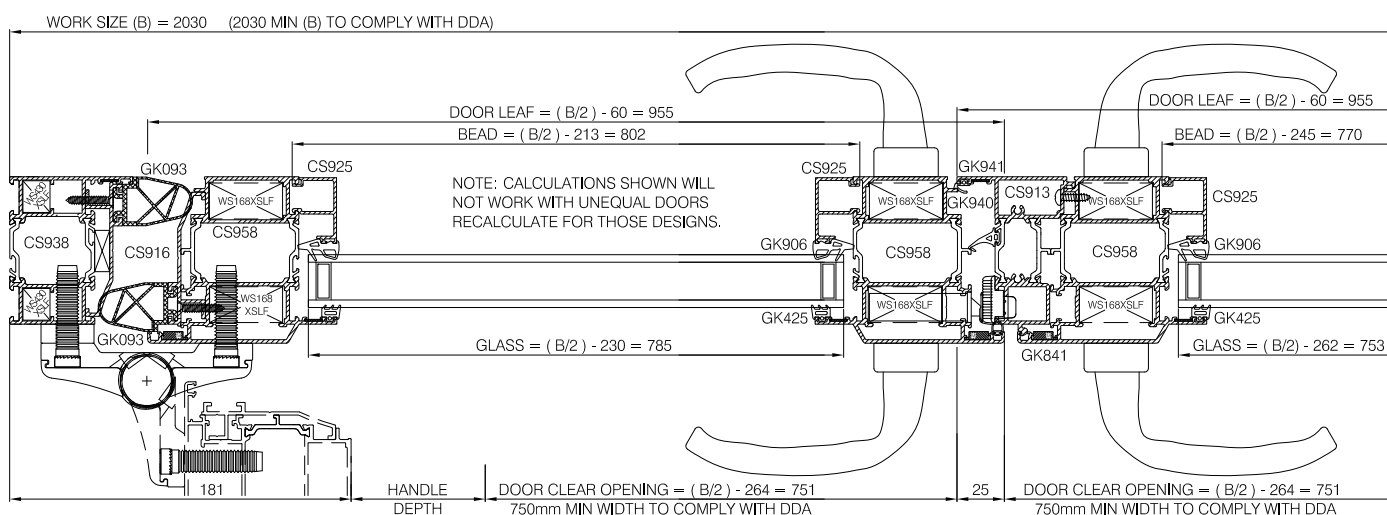
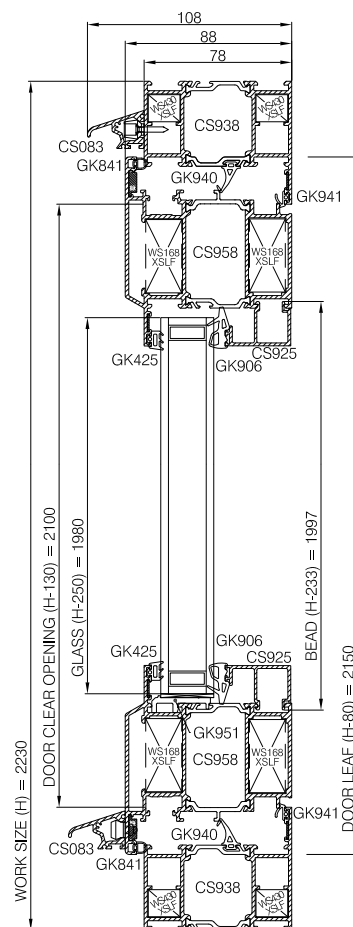
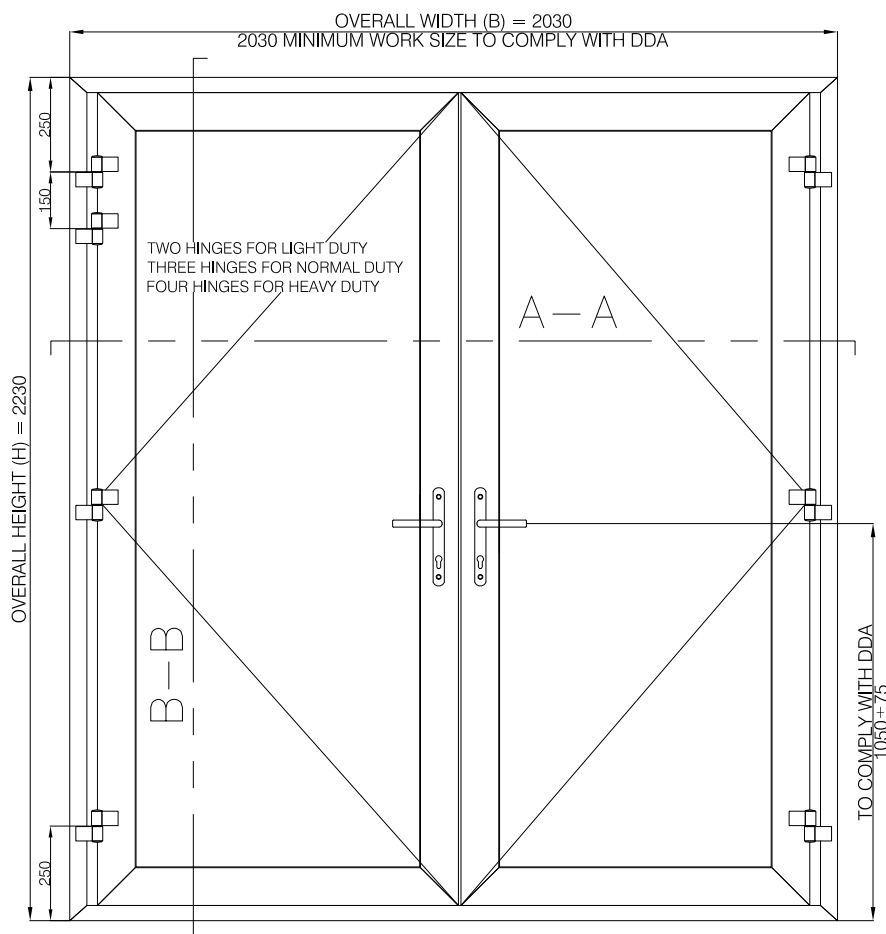
- ADD 3% TO GASKET LENGTH
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS

DOOR LEAVES

GLASS WEIGHT - LEFT = ((6mm + 6mm) x 2.5) x (1.980 x 0.784) = 46.57Kgs

GLASS WEIGHT - RIGHT = ((6mm + 6mm) x 2.5) x (1.980 x 0.752) = 44.67Kgs





Cutting List Example for Rebated Door Outer Frame CS938
(2230mm x 2030mm)

FRAME - VERTICAL	CS938	— 2 @	H	2230mm	
FRAME - HORIZONTAL	CS938	— 2 @	B	2030mm	
DRIP - HEAD	CS083	— 1 @	B - 10	2020mm	
WEATHER SEAL GASKET	GK941	— 1 @	H - 116	2114mm	
WEATHER SEAL GASKET	GK941	— 2 @	B - 116	1914mm	
CENTRE SEAL GASKET	GK940	— 2 @	H - 85	2145mm	
CENTRE SEAL GASKET	GK940	— 2 @	B - 85	1945mm	
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 90	2140mm	
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 109	2121mm	
CLEAT FOR OUTERFRAME	WS430XSFL	— 8 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSFL	— 4 @	—	—	

Cutting List Example for Rebated Door Leaf CS958
(2230mm x 2030mm)

LEAF - VERTICAL	CS958	— 4 @	H - 80	2150mm	
LEAF - HORIZONTAL	CS958	— 4 @	B/2 - 61	954mm	
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 113	2110mm	
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 120	2136mm	
BEAD - VERTICAL	CS925	— 4 @	H - 233	1997mm	
BEAD - HORIZONTAL - (MASTER)	CS925	— 2 @	B/2 - 214	801mm	
BEAD - HORIZONTAL - (SLAVE)	CS925	— 2 @	B/2 - 245	770mm	
DRIP BOTTOM - (MASTER)	CS083	— 1 @	B/2 - 71	944mm	
DRIP BOTTOM - (SLAVE)	CS083	— 1 @	B/2 - 102	913mm	
WEATHER SEAL GASKET	GK841	— 1 @	H - 215	2015mm	
WEATHER SEAL GASKET	GK841	— 2 @	B - 109	1921mm	
CAPTIVE GASKET - VERTICAL	GK425	— 4 @	H - 264	1966mm	
CAPTIVE GASKET - HORIZONTAL	GK425	— 4 @	B/2 - 245	770mm	
WEDGE GASKET - VERTICAL	GK906	— 4 @	H - 239	1991mm	
WEDGE GASKET - HORIZONTAL	GK906	— 4 @	B/2 - 219	796mm	
CHEVRON FOR DOOR VENT	WS015XSFL	— 8 @	—	—	
CLEAT FOR DOOR VENT	WS168XSFL	— 16 @	—	—	
PIN FOR CLEAT WS168XSFL	WS099XSFL	— 32 @	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSFL	— 8 @	—	—	
FLOATING MULLION	CS913	— 1 @	H - 115	2115mm	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951	— 4
HINGE WHITE (EWHT) OR SILVER (BSVR) - PAIR	HN903EWHT	— 3
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
SLAVE LEAF CENTRE SECTION	LK855XSFL	— 1
TOP SHOOT	LK832XSFL	— 1
BOTTOM SHOOT	LK857XSFL	— 1
SINGLE SHOOT KEEP	LK833XSFL	— 2
SINGLE SHOOT KEEP PACKER LEFT/RIGHT	LK838/839XSFL	— 2
STANDARD HANDLE (PAIR)	HN882EWHT	— 2
140mm x 8mm SPINDLE	SP900XSFL	— 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
ALU GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT	— 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913EWHT	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

GLASS SIZE (28mm)

GH=H-250	1 @ GM=B/2-231	1 @ GS=B/2-263
1980	784	752

NOTE:

- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS

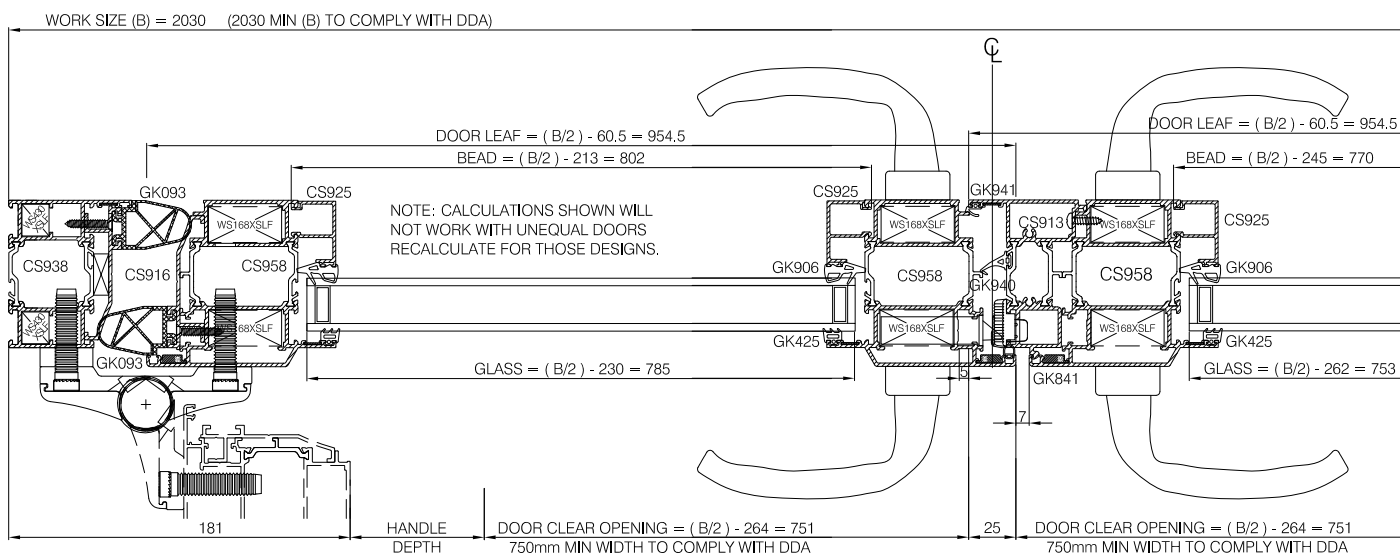
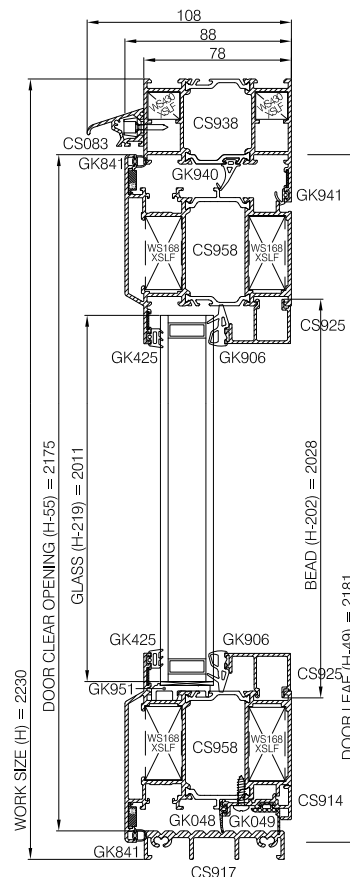
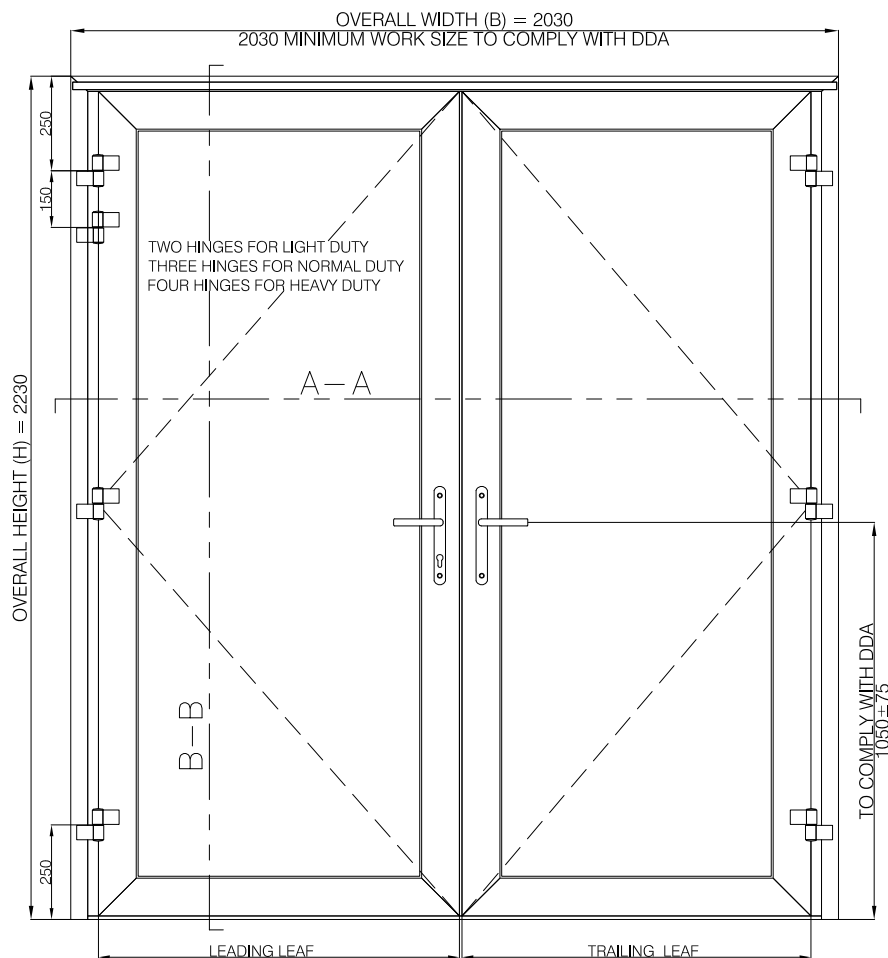
DOOR LEAVES

GLASS WEIGHT - LEFT = ((6mm + 6mm) x 2.5) x (1.980 x 0.784) = 46.57Kgs

GLASS WEIGHT - RIGHT = ((6mm + 6mm) x 2.5) x (1.980 x 0.752) = 44.67Kgs

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Cutting List Example for Rebated Door Outer Frame CS932 with Low Threshold
(2230mm x 2030mm)

FRAME - VERTICAL	CS932	— 2 @	H	2230mm	
FRAME - HORIZONTAL	CS932	— 1 @	B	2030mm	
DRIP - HEAD	CS083	— 1 @	B - 10	2020mm	
WEATHER SEAL GASKET	GK941	— 1 @	H - 51	2179mm	
WEATHER SEAL GASKET	GK941	— 2 @	B - 116	1914mm	
CENTRE SEAL GASKET	GK940	— 2 @	H - 130	2100mm	
CENTRE SEAL GASKET	GK940	— 2 @	B - 85	1945mm	
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 60	2170mm	
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 80	2150mm	
CLEAT FOR OUTERFRAME	WS430XSLF	— 8 @	—	—	
CHEVRON FOR OUTERFRAME	WS015XSLF	— 4 @	—	—	
LOW THRESHOLD	CS917	— 1 @	B - 90	1940mm	

Cutting List Example for Rebated Door Leaf CS953
(2230mm x 2030mm)

LEAF - VERTICAL	CS953	— 4 @	H - 49	2181mm	
LEAF - HORIZONTAL - (MASTER)	CS953	— 2 @	B/2 - 60.5	954.5mm	
LEAF - HORIZONTAL - (SLAVE)	CS953	— 2 @	B/2 - 92.5	922.5mm	
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 60	2170mm	
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 80	2150mm	
BEAD - VERTICAL	CS925	— 4 @	H - 202	2028mm	
BEAD - HORIZONTAL - (MASTER)	CS925	— 2 @	B/2 - 213	802mm	
BEAD - HORIZONTAL - (SLAVE)	CS925	— 2 @	B/2 - 245	770mm	
DRIP BOTTOM - (MASTER)	CS083	— 1 @	B/2 - 70.5	944.5mm	
DRIP BOTTOM - (SLAVE)	CS083	— 1 @	B/2 - 102.5	912.5mm	
WEATHER SEAL GASKET	GK841	— 1 @	H - 50	2180mm	
WEATHER SEAL GASKET	GK841	— 2 @	B - 116	1914mm	
CAPTIVE GASKET - VERTICAL	GK425	— 4 @	H - 233	1997mm	
CAPTIVE GASKET - HORIZ (MASTER)	GK425	— 2 @	B/2 - 245	770mm	
CAPTIVE GASKET - HORIZ (SLAVE)	GK425	— 2 @	B/2 - 277	738mm	
WEDGE GASKET - VERTICAL	GK906	— 4 @	H - 208	2022mm	
WEDGE GASKET - HORIZ (MASTER)	GK906	— 2 @	B/2 - 219	796mm	
WEDGE GASKET - HORIZ (SLAVE)	GK906	— 2 @	B/2 - 251	764mm	
CHEVRON FOR DOOR VENT	WS015XSLF	— 8 @	—	—	
CLEAT FOR DOOR VENT	WS168XSLF	— 16 @	—	—	
PIN FOR CLEAT WS168XSLF	WS099XSLF	— 32 @	—	—	
ALIGNMENT SQUARE FOR VENT	WS416XSLF	— 8 @	—	—	
FLOATING MULLION	CS913	— 1 @	H - 84	2146mm	
LOW THRESHOLD GASKET CARRIER	CS914	— 1 @	B/2 - 125	890mm	
EXTERNAL SEAL	GK948	— 2 @	B/2 - 98	917mm	
OUTER SEAL	GK949	— 2 @	B/2 - 85	930mm	

ACCESSORIES AND ADDITIONAL ITEMS

GLAZING SUPPORT	GK951	— 4
HINGE WHITE (EWH) OR SILVER (BSVR) - PAIR	HN903EWH	— 3
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSLF	— 1
ROLLER KEEP	LK834XSLF	— 2
HOOK KEEPS	LK840XSLF	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSLF	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
SLAVE LEAF CENTRE SECTION	LK855XSLF	— 1
TOP SHOOT	LK858XSLF	— 1
BOTTOM SHOOT	LK857XSLF	— 1
SINGLE SHOOT KEEP	LK833XSLF	— 2
SINGLE SHOOT KEEP PACKER LEFT/RIGHT	LK838/839XSLF	— 2
STANDARD HANDLE (PAIR)	HN882EWH	— 2
140mm x 8mm SPINDLE	SP900XSLF	— 2
POP RIVET FOR CS083 SNAP FIT	FX047XSLF	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWH)	WS023EWH	— 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913EWH	— 1
END CAP FOR LT GASKET CARRIER CS914 (PAIR)	EC914EWH	— 1
120mm MACHINE SCREW - PACK 10	FX900XSLF	— 1

NOTE:

- ADD 3% TO GASKET LENGTH
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS

GLASS SIZE (28mm)

GH=H-219	1 @ GM=B/2-230.5	1 @ GS=B/2-262.5
2011	784.5	752.5

GLASS WEIGHT-LEFT = ((6mm + 6mm) x 2.5) x (2.011 x 0.784) = 47.30Kgs
 GLASS WEIGHT-RIGHT = ((6mm + 6mm) x 2.5) x (2.011 x 0.752) = 45.37Kgs

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Cutting List Example for Rebated Door Outer Frame CS932 with Low Threshold (2230mm x 2030mm)				
FRAME - VERTICAL	CS932	— 2 @	H	2230mm
FRAME - HORIZONTAL	CS932	— 1 @	B	2030mm
DRIP - HEAD	CS083	— 1 @	B - 10	2020mm
WEATHER SEAL GASKET	GK941	— 1 @	H - 116	2114mm
WEATHER SEAL GASKET	GK941	— 2 @	B - 116	1914mm
CENTRE SEAL GASKET	GK940	— 2 @	H - 85	2145mm
CENTRE SEAL GASKET	GK940	— 2 @	B - 85	1945mm
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 90	2140mm
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 109	2121mm
CLEAT FOR OUTERFRAME	WS430XSFL	— 8 @	—	—
CHEVRON FOR OUTERFRAME	WS015XSFL	— 4 @	—	—
LOW THRESHOLD	CS917	— 1 @	B - 90	1940mm

Cutting List Example for Rebated Door Leaf CS953 (2230mm x 2030mm)				
LEAF - VERTICAL	CS953	— 4 @	H - 49	2181mm
LEAF - HORIZONTAL	CS953	— 4 @	B/2 - 60.5	954.5mm
ANTI-FINGER TRAP ADAPTER	CS916	— 1 @	H - 60	2170mm
ANTI-FINGER TRAP GASKET	GK093	— 1 @	H - 80	2150mm
BEAD - VERTICAL	CS925	— 4 @	H - 202	2028mm
BEAD - HORIZONTAL - (MASTER)	CS925	— 2 @	B/2 - 213	802mm
BEAD - HORIZONTAL - (SLAVE)	CS925	— 2 @	B/2 - 245	770mm
DRIP BOTTOM - (MASTER)	CS083	— 1 @	B/2 - 130	885mm
DRIP BOTTOM - (SLAVE)	CS083	— 1 @	B/2 - 100	915mm
WEATHER SEAL GASKET	GK841	— 1 @	H - 215	2015mm
WEATHER SEAL GASKET	GK841	— 2 @	B - 109	1921mm
CAPTIVE GASKET - VERTICAL	GK425	— 4 @	H - 233	1997mm
CAPTIVE GASKET - HORIZONTAL	GK425	— 4 @	B/2 - 245	770mm
WEDGE GASKET-VERTICAL	GK906	— 4 @	H - 208	2022mm
WEDGE GASKET-HORIZONTAL	GK906	— 4 @	B/2 - 219	796mm
CHEVRON FOR DOOR VENT	WS015XSFL	— 8 @	—	—
CLEAT FOR DOOR VENT	WS168XSFL	— 16 @	—	—
PIN FOR CLEAT WS168XSFL	WS099XSFL	— 32 @	—	—
ALIGNMENT SQUARE FOR VENT	WS416XSFL	— 8 @	—	—
FLOATING MULLION	CS913	— 1 @	—	—
LOW THRESHOLD GASKET CARRIER	CS914	— 1 @	—	—
EXTERNAL SEAL	GK948	— 2 @	—	—
OUTER SEAL	GK949	— 2 @	—	—

ACCESSORIES AND ADDITIONAL ITEMS		
GLAZING SUPPORT	GK951	— 4
HINGE WHITE (EWHT) OR SILVER (BSVR) - PAIR	HN903EWHT	— 3
ONE PIECE LATCH LOCK - 2 HOOKS & 2 ROLLERS	LK830XSFL	— 1
ROLLER KEEP	LK834XSFL	— 2
HOOK KEEPS	LK840XSFL	— 2
CENTRE LATCH KEEPERS LEFT/RIGHT	LK841/842XSFL	— 1
CYLINDER (3KEYS)	LK090BSVR	— 1
SLAVE LEAF CENTRE SECTION	LK855XSFL	— 1
TOP SHOOT	LK858XSFL	— 1
BOTTOM SHOOT	LK857XSFL	— 1
SINGLE SHOOT KEEP	LK833XSFL	— 2
SINGLE SHOOT KEEP PACKER LEFT/RIGHT	LK838/839XSFL	— 2
STANDARD HANDLE (PAIR)	HN882EWHT	— 2
140mm x 8mm SPINDLE	SP900XSFL	— 2
POP RIVET FOR CS083 SNAP FIT	FX047XSFL	— 10
LIFTING WEDGE (PAIR)	WS561DBLK	— 6
ALI GLUE - 310ml (SPECIFY COLOUR)	SE007-08	— 1
DRAINAGE CAP BLACK (DBLK) OR WHITE (EWHT)	WS023EWHT	— 4
END CAP FOR FLOATING MULLION CS913 (PAIR)	EC913EWHT	— 1
END CAP FOR LT GASKET CARRIER CS914 (PAIR)	EC914EWHT	— 1
120mm MACHINE SCREW - PACK 10	FX900XSFL	— 1

GLASS SIZE (28mm)		
GH=H-219	1 @ GM=B/2-231	1 @ GS=B/2-263
2011	784	752

DOOR LEAVES

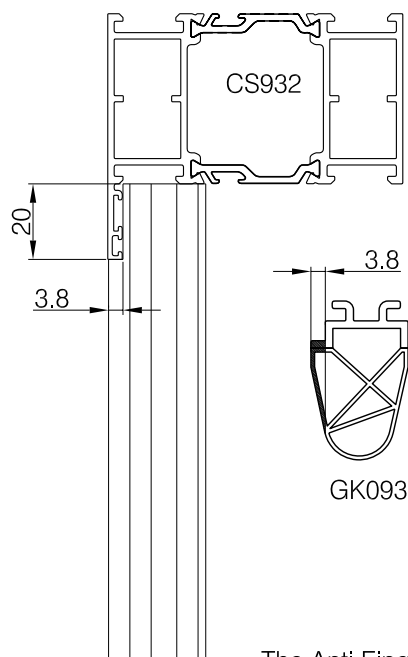
GLASS WEIGHT - LEFT = ((6mm + 6mm) x 2.5) x (2.011 x 0.784) = 47.30Kgs

GLASS WEIGHT - RIGHT = ((6mm + 6mm) x 2.5) x (2.011 x 0.752) = 45.37Kgs

NOTE:

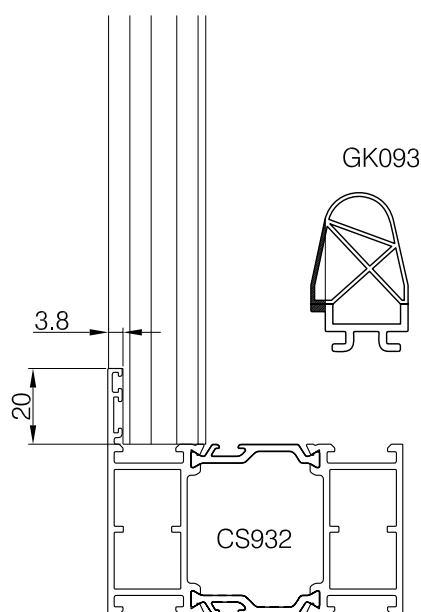
- ADD 3% TO GASKET LENGHT
- FOR SECURITY OPTION HORIZONTAL BEADS ARE FIXED WITH SCREWS

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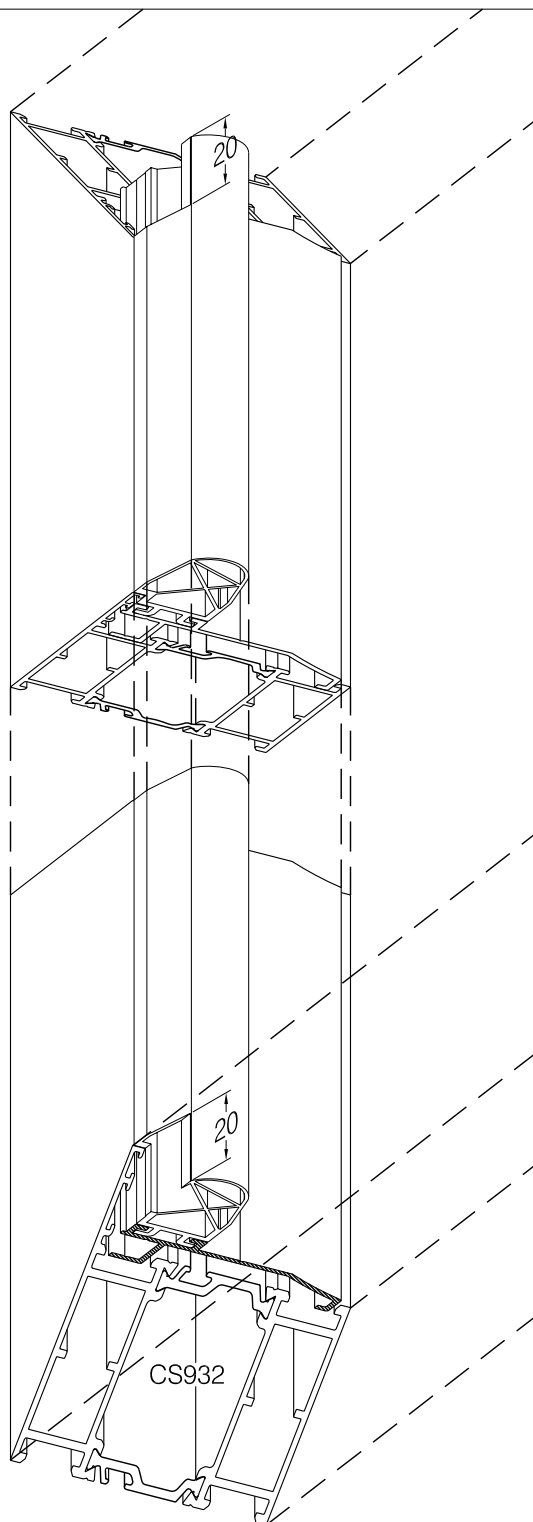


GK093

The Anti Finger Trap outer frame vertical gasket only is to be cut top and bottom as shown and the offcut discarded.

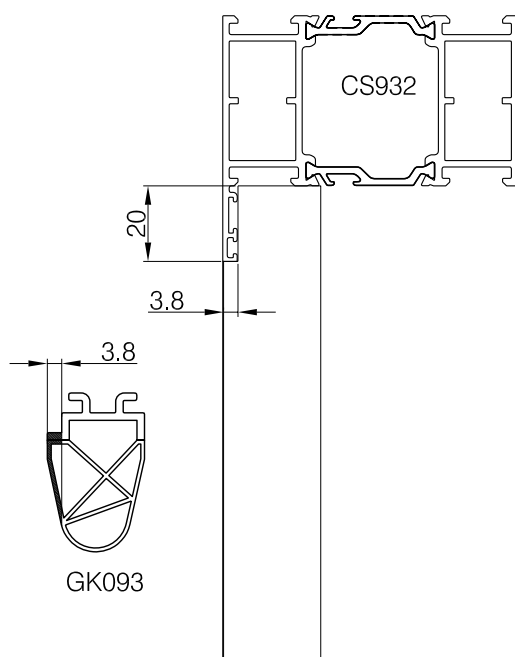


GK093

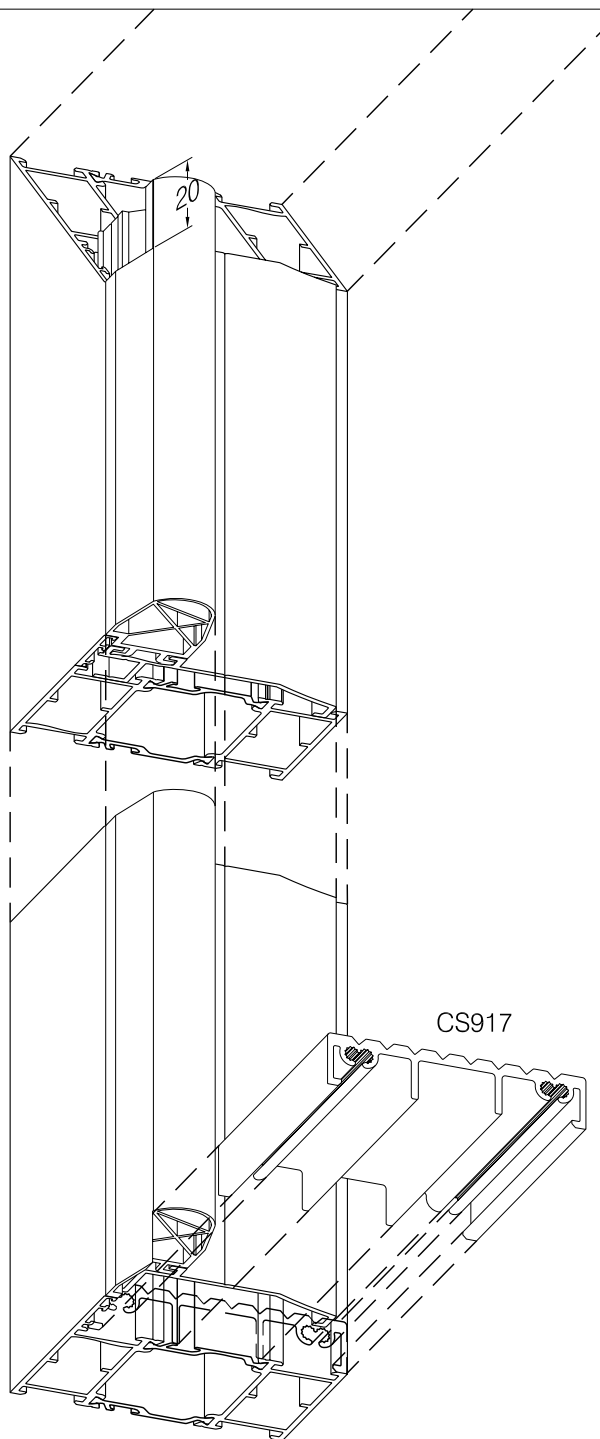
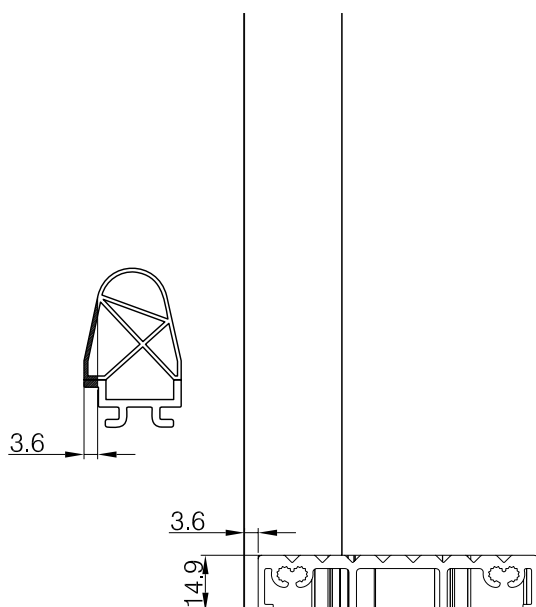


CS932



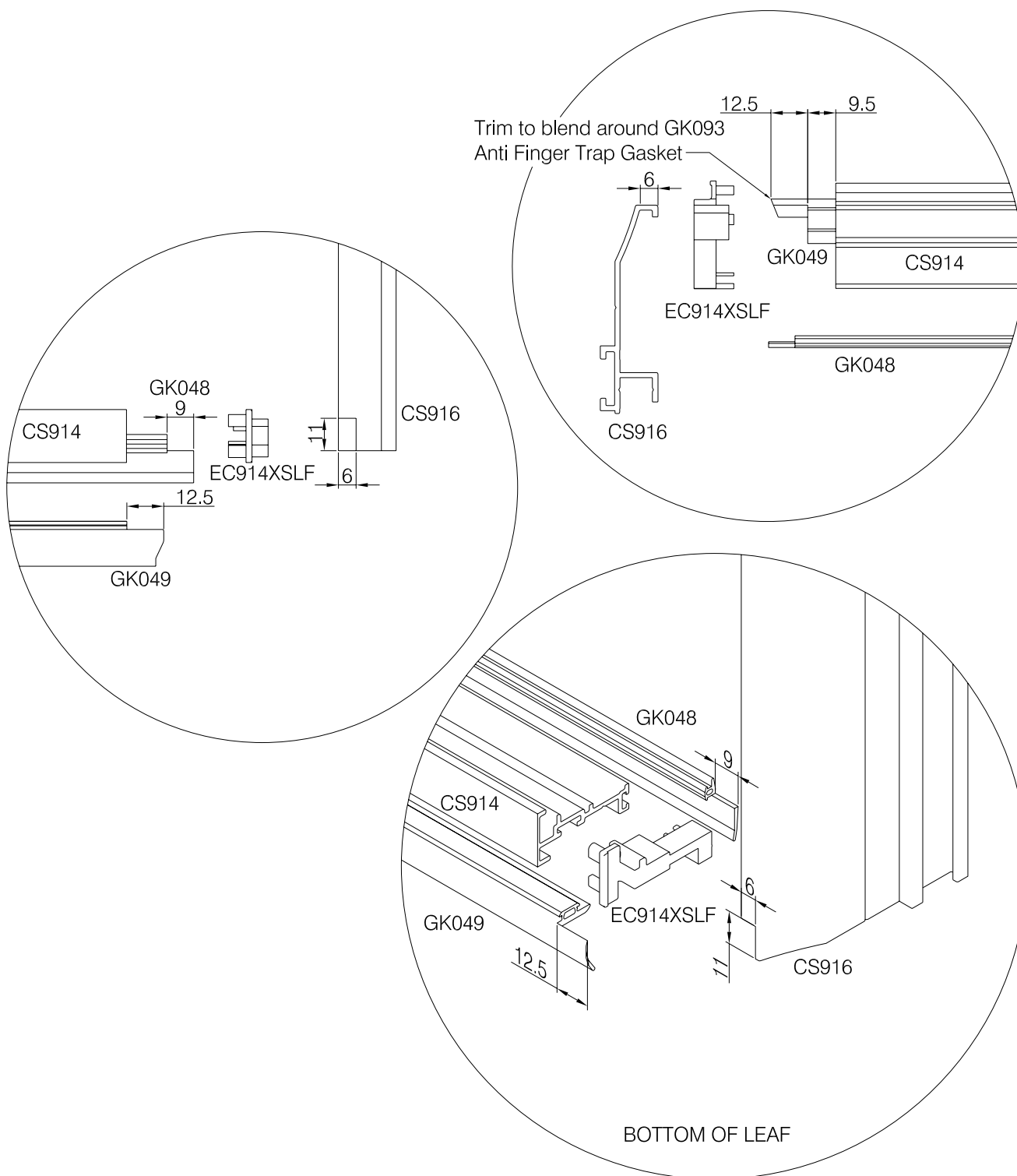


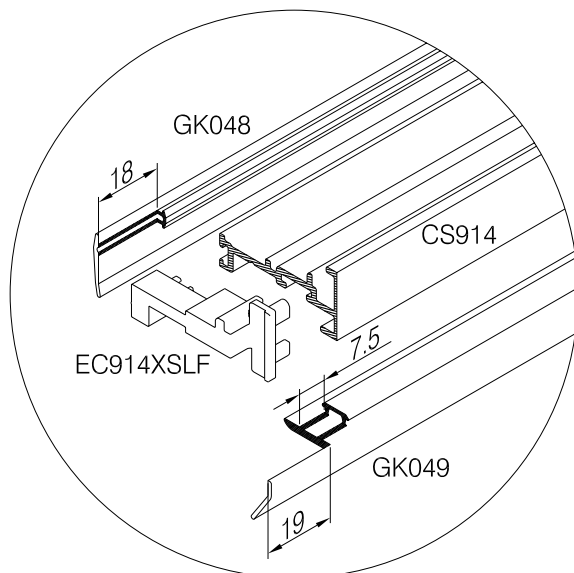
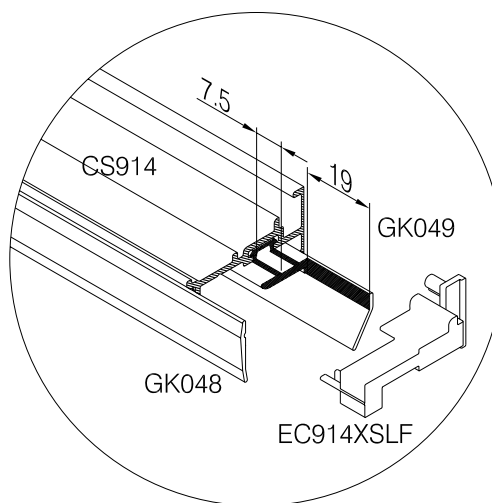
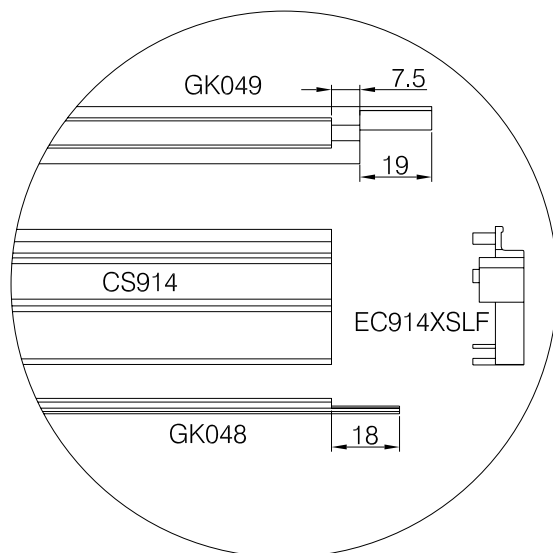
The Anti Finger Trap outer frame vertical gasket only is to be cut top and bottom as shown and the offcut discarded.

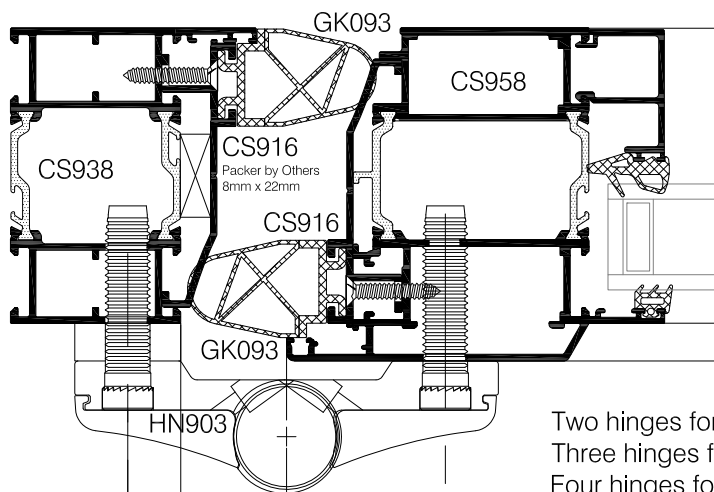


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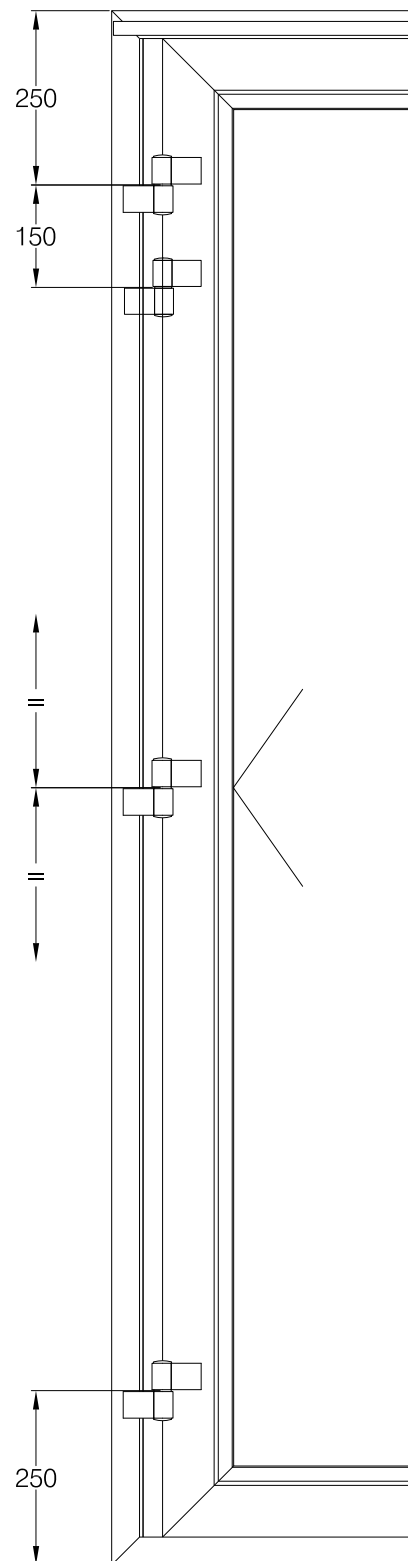
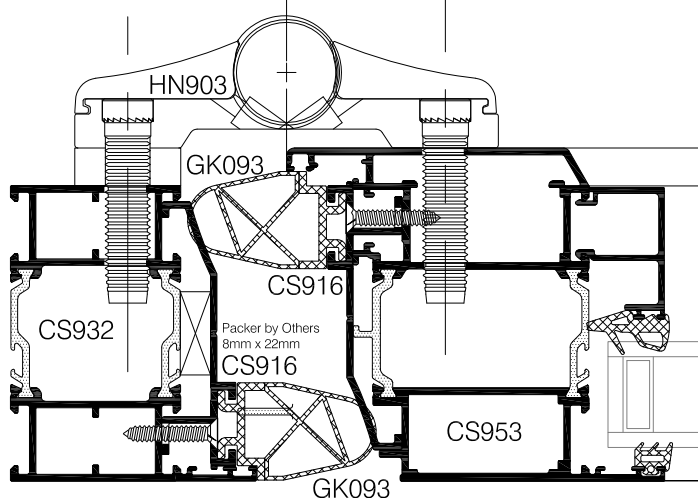
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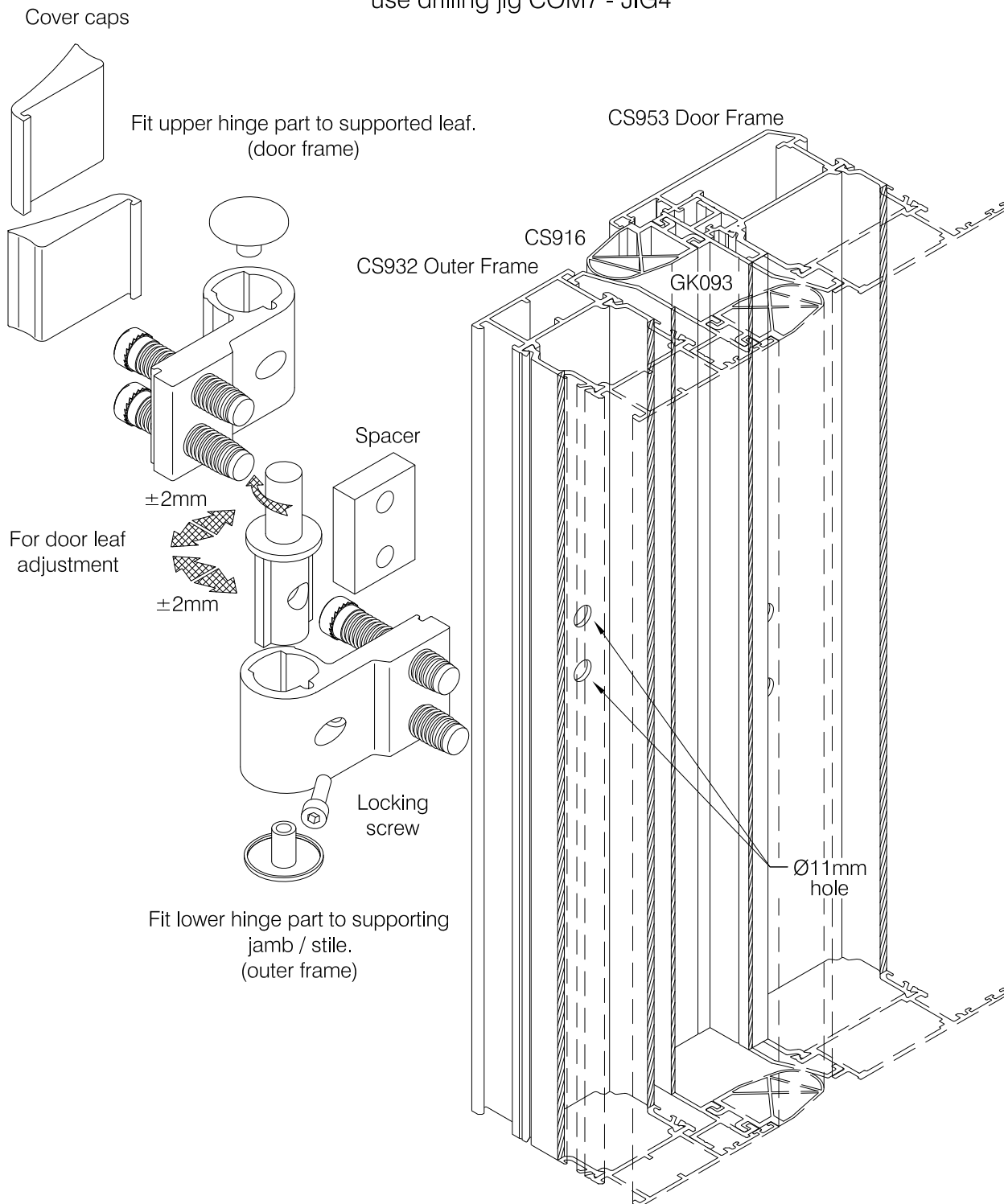




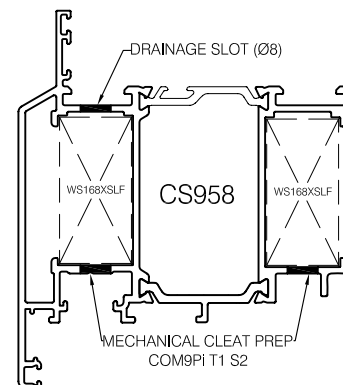
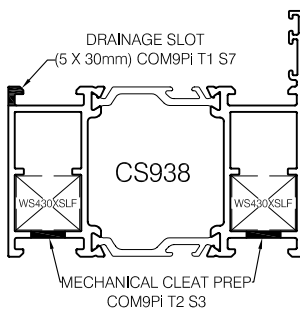
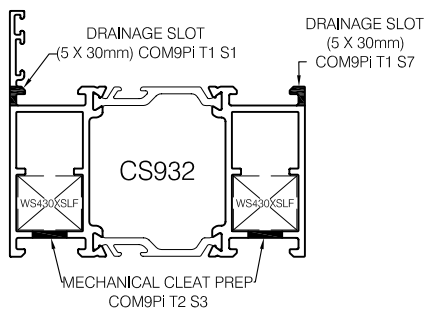
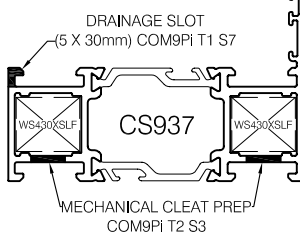
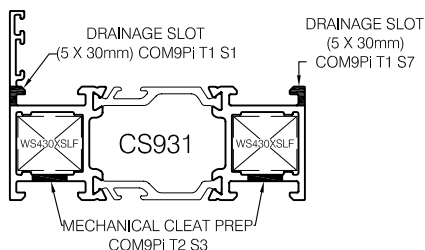
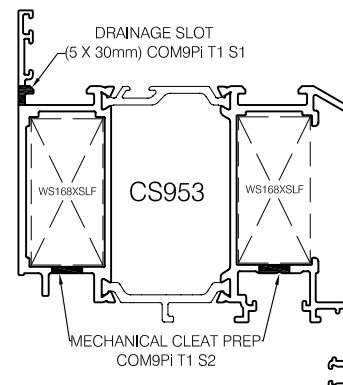
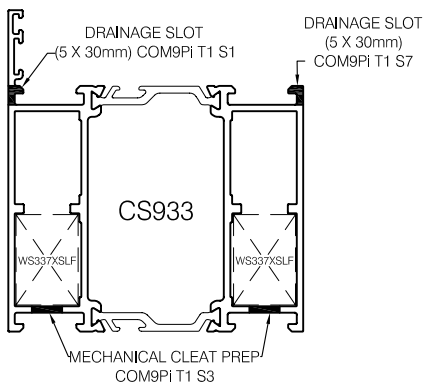
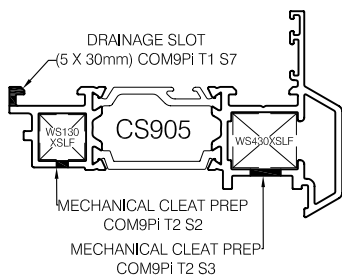
Two hinges for light duty
Three hinges for normal duty
Four hinges for heavy duty



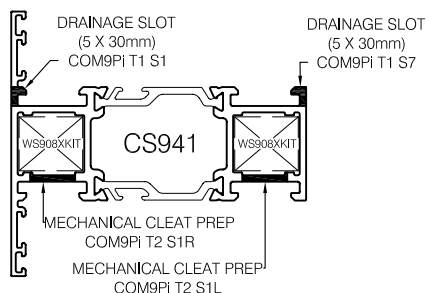
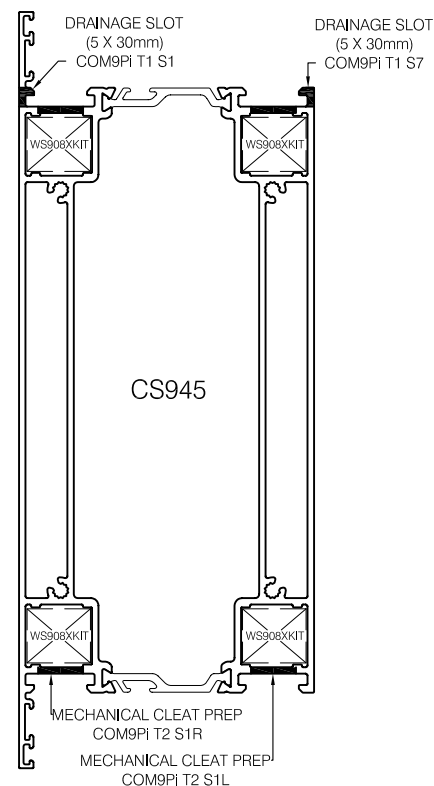
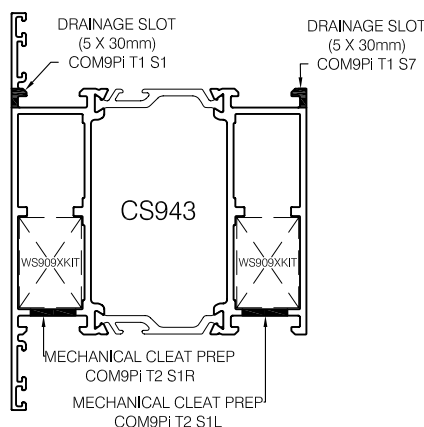
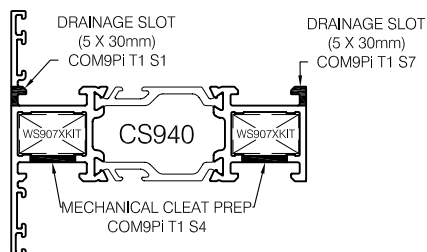
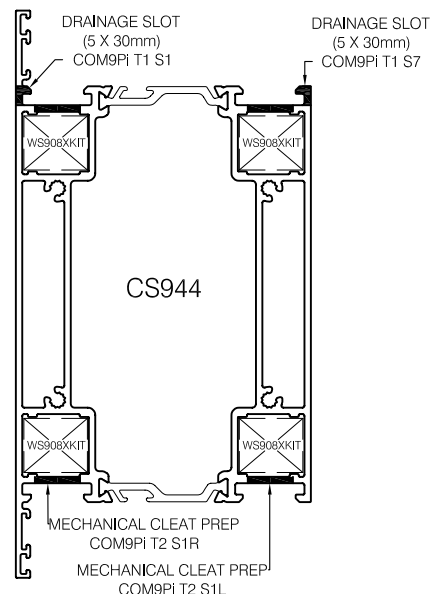
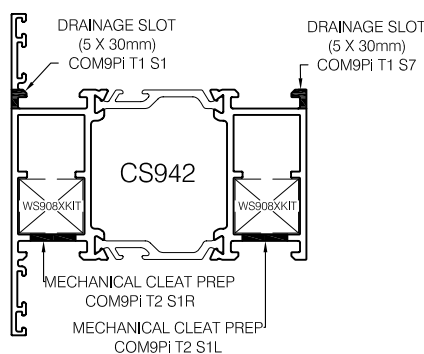
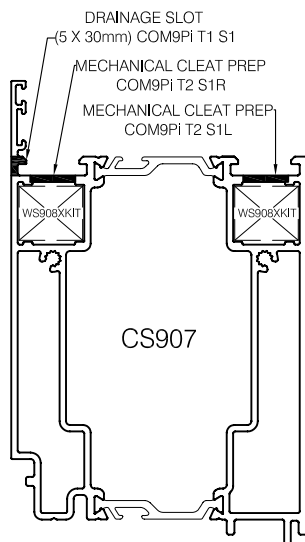
To drill Ø11mm holes
use drilling jig COM7 - JIG4

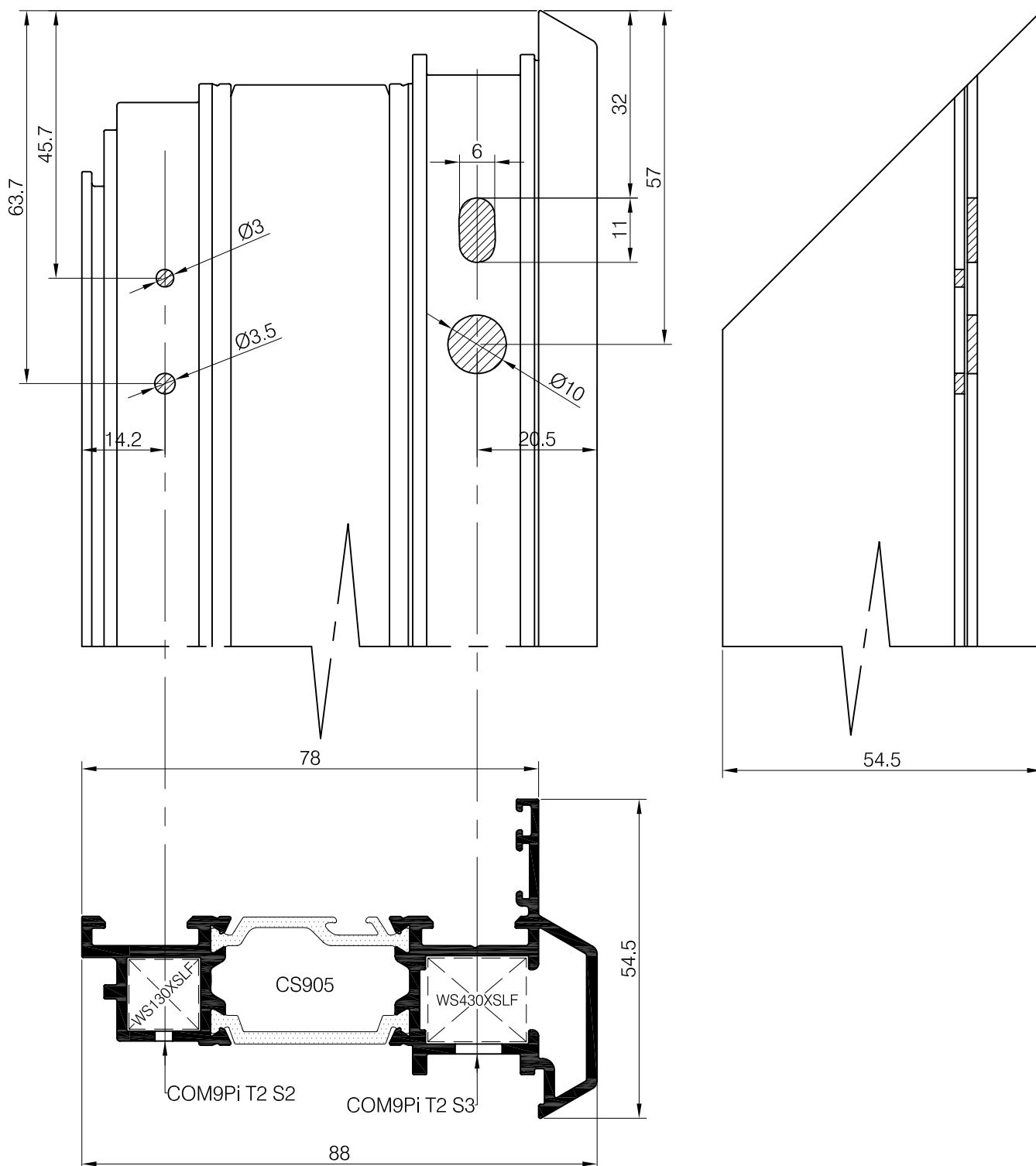


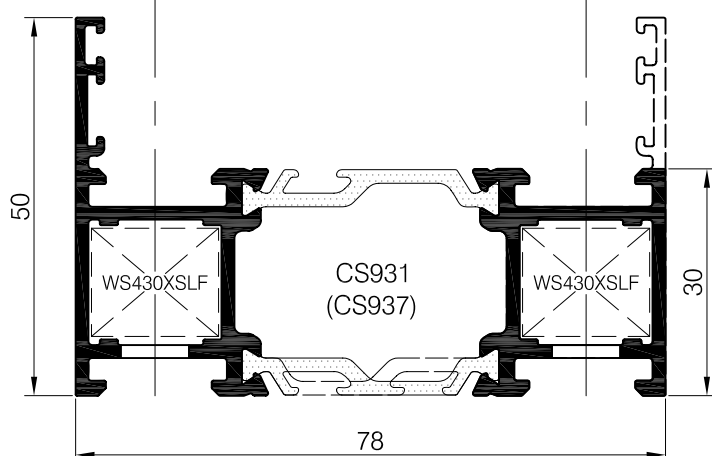
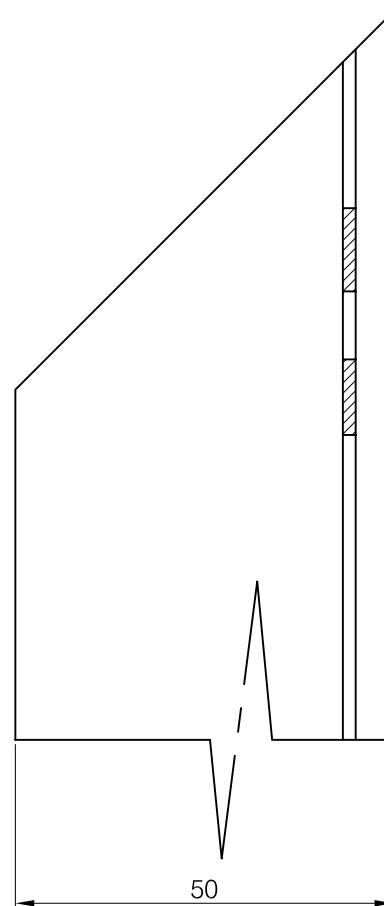
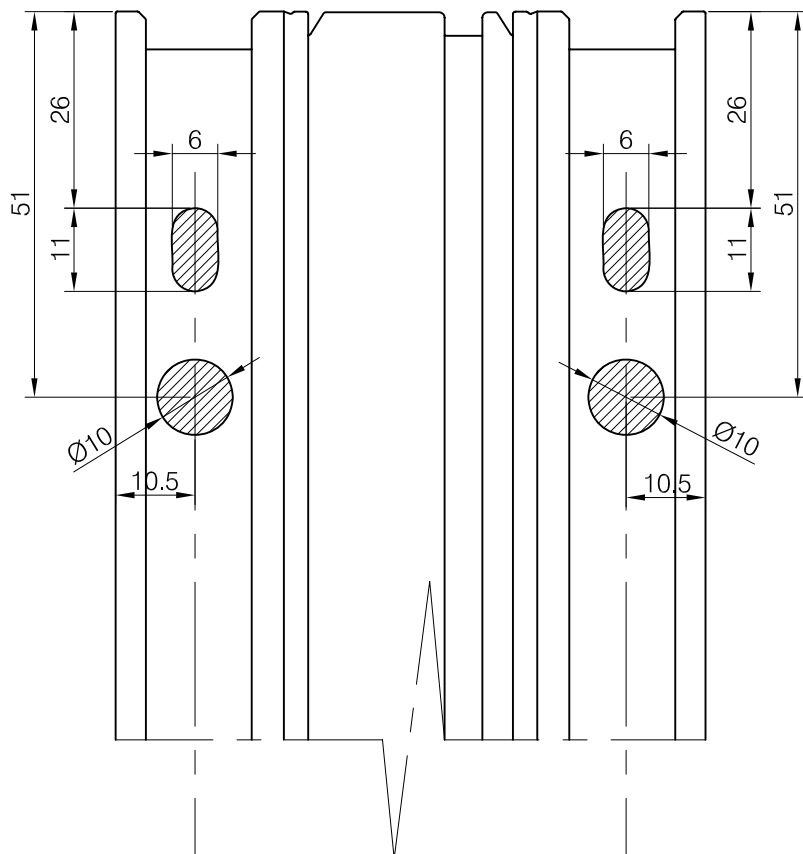
DRAINAGE AND CLEAT PREPARATION



DRAINAGE AND CRUCIFORM PREPARATION

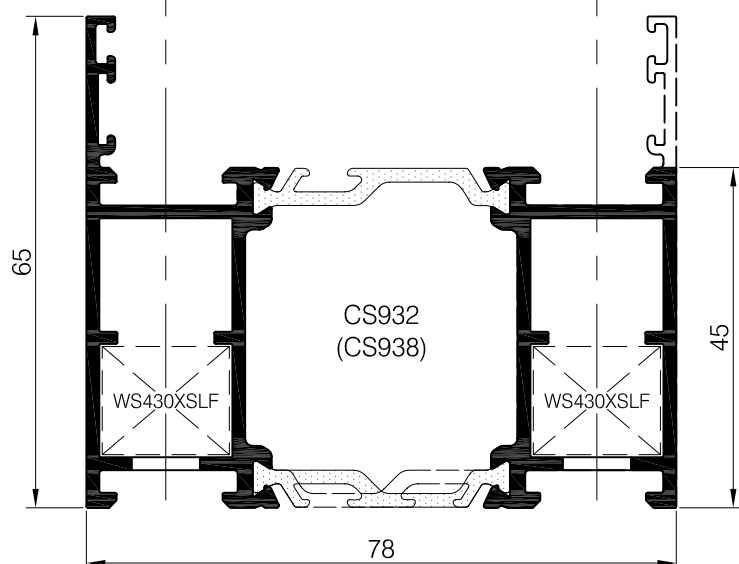
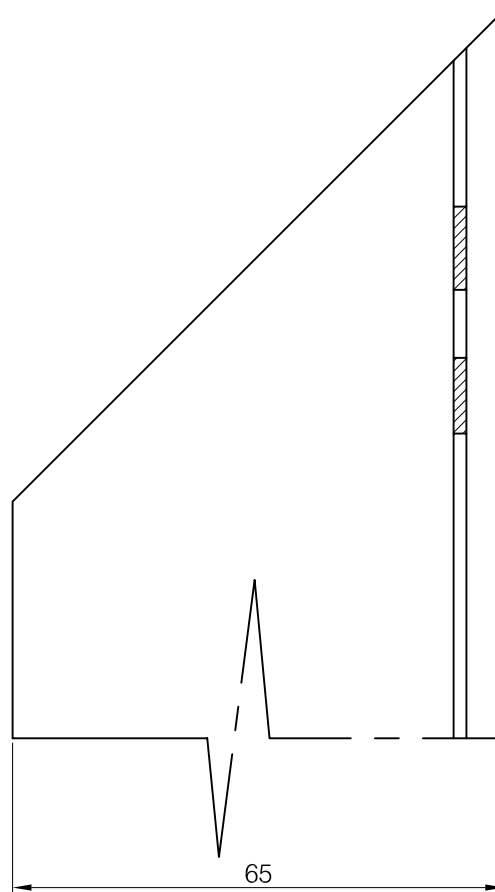
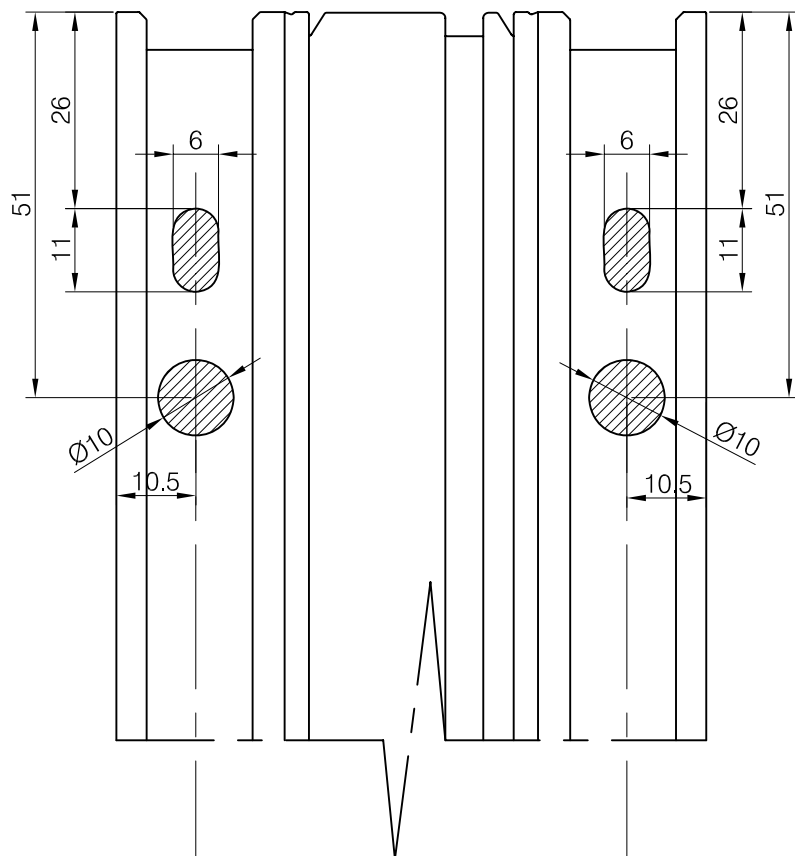






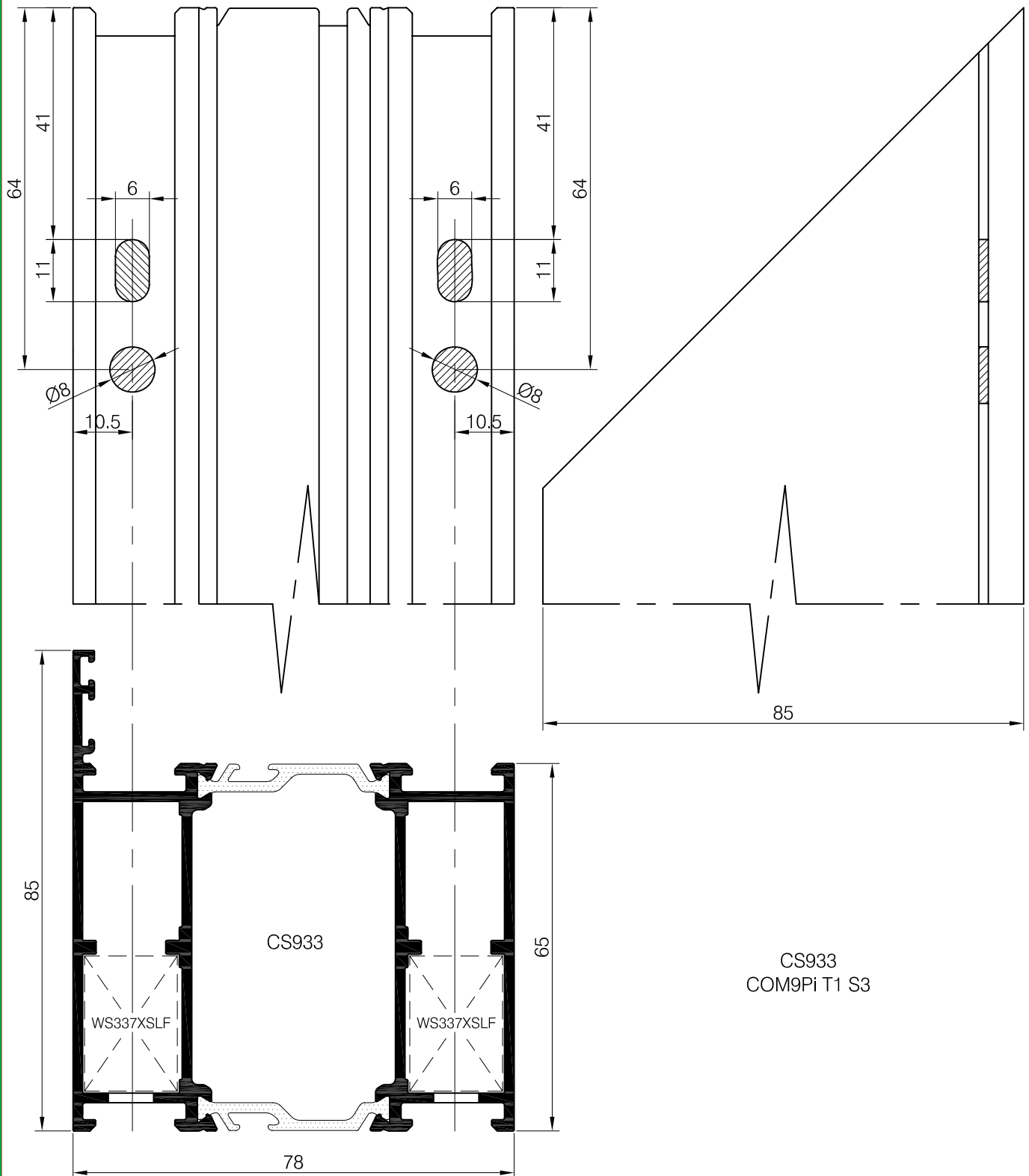
CS931 / CS932
COM9Pi T2 S3

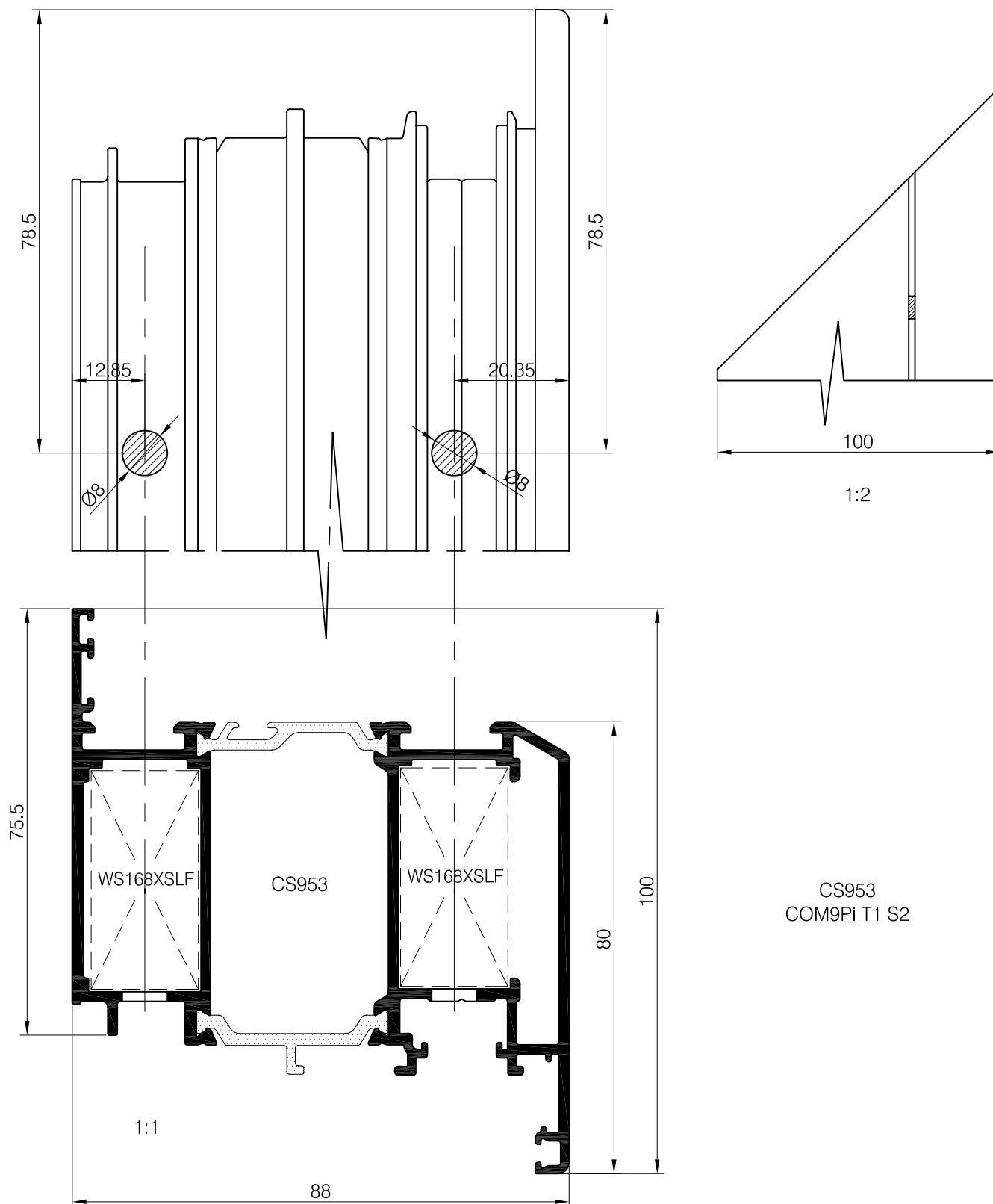


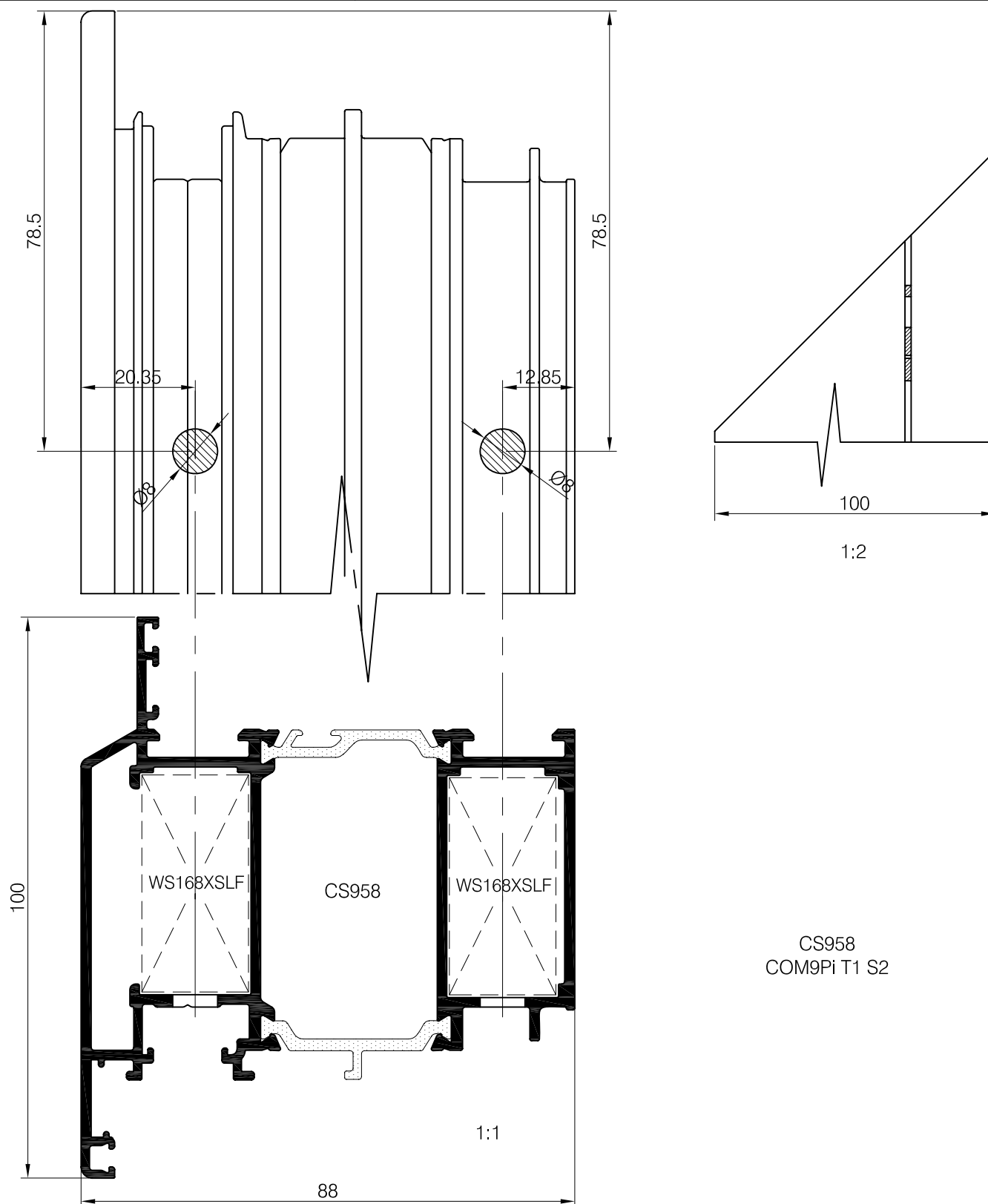


CS932 / CS938
COM9Pi T2 S3



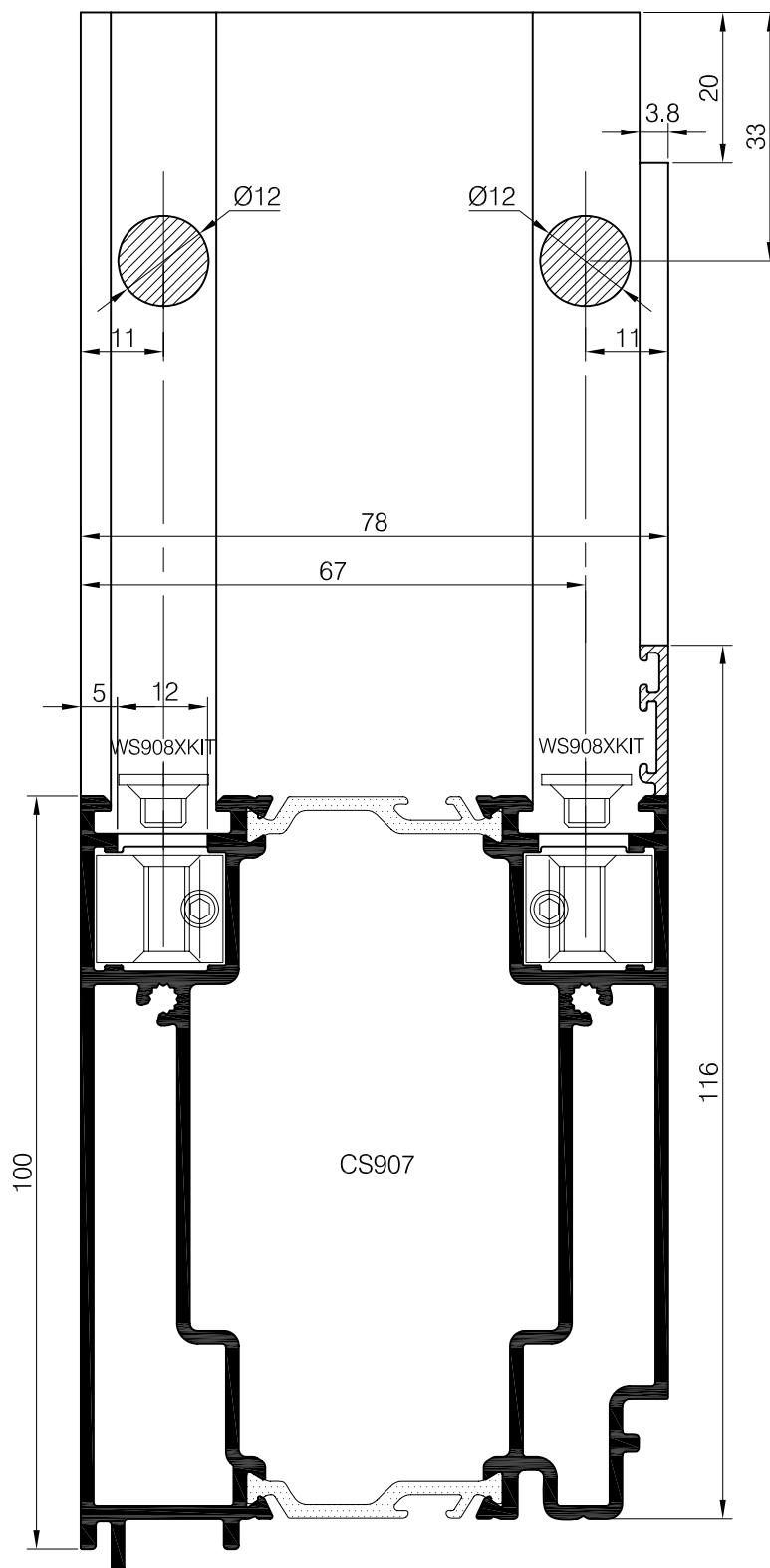


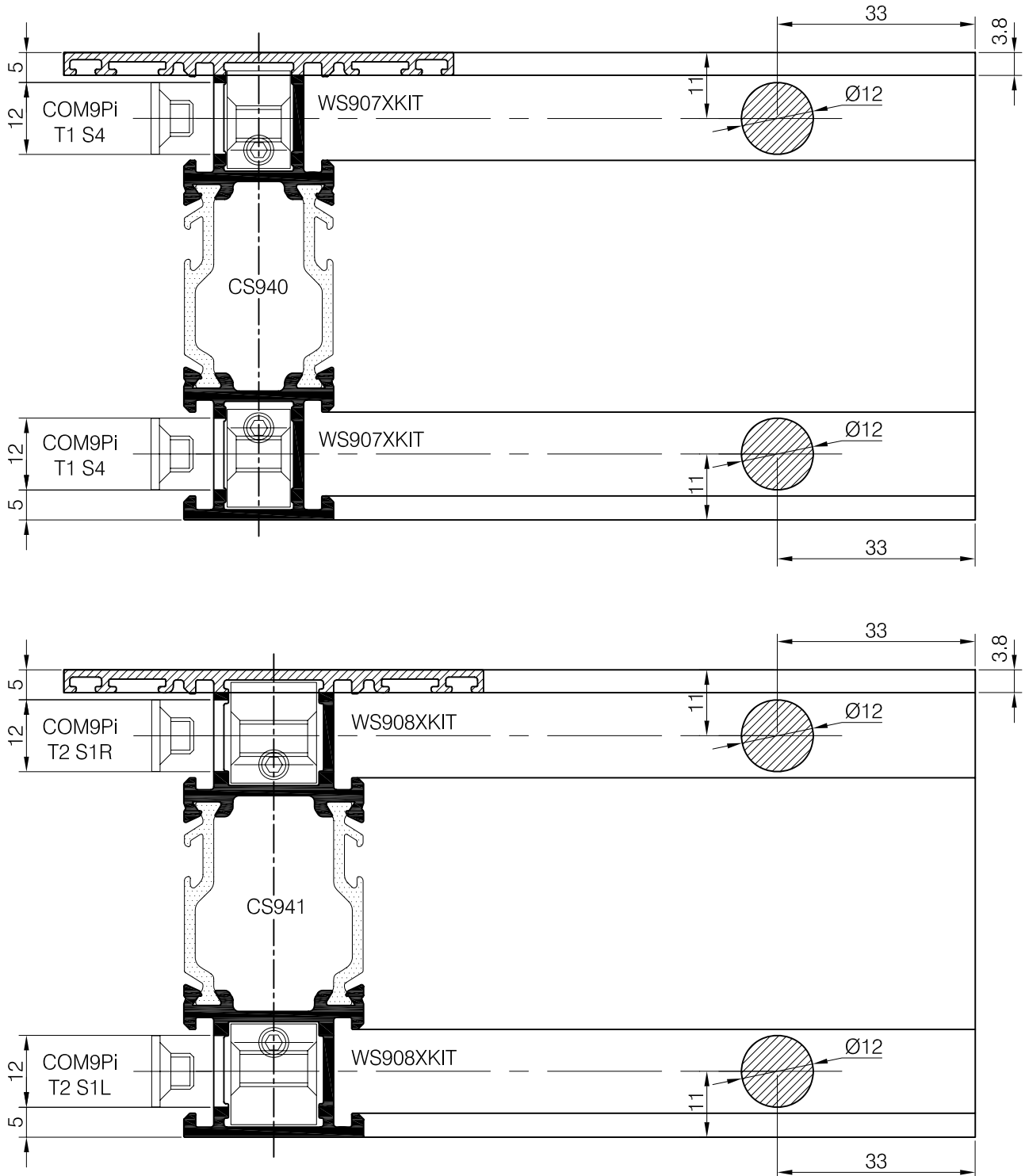


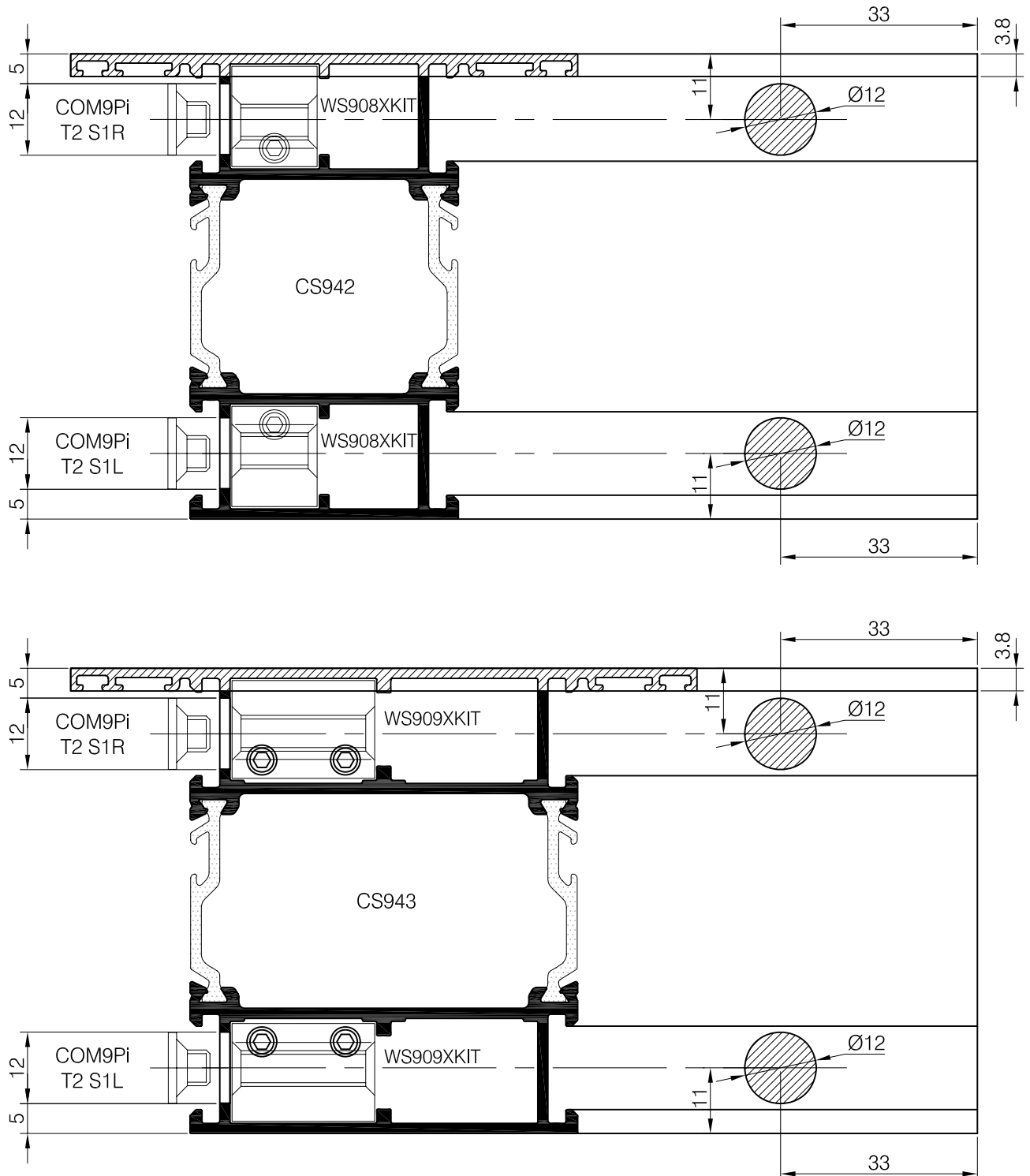


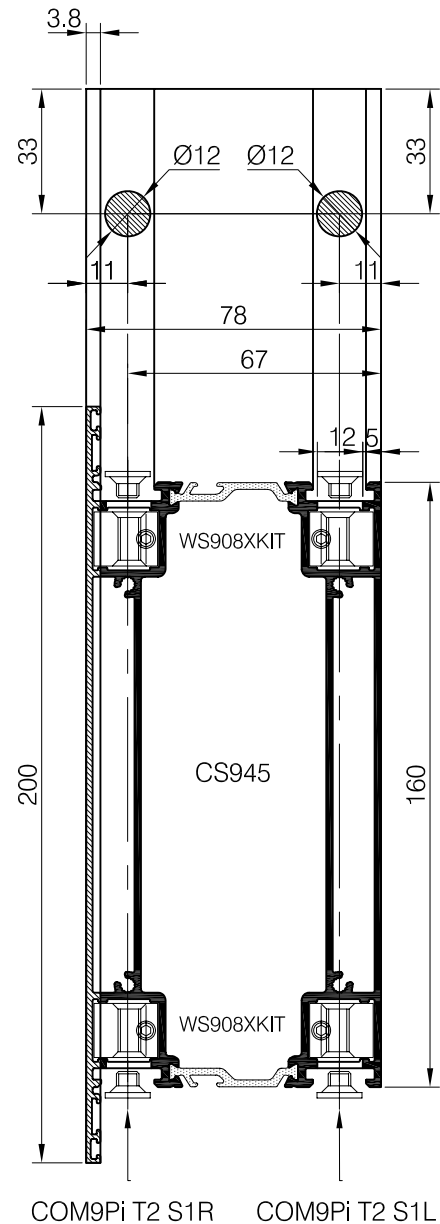
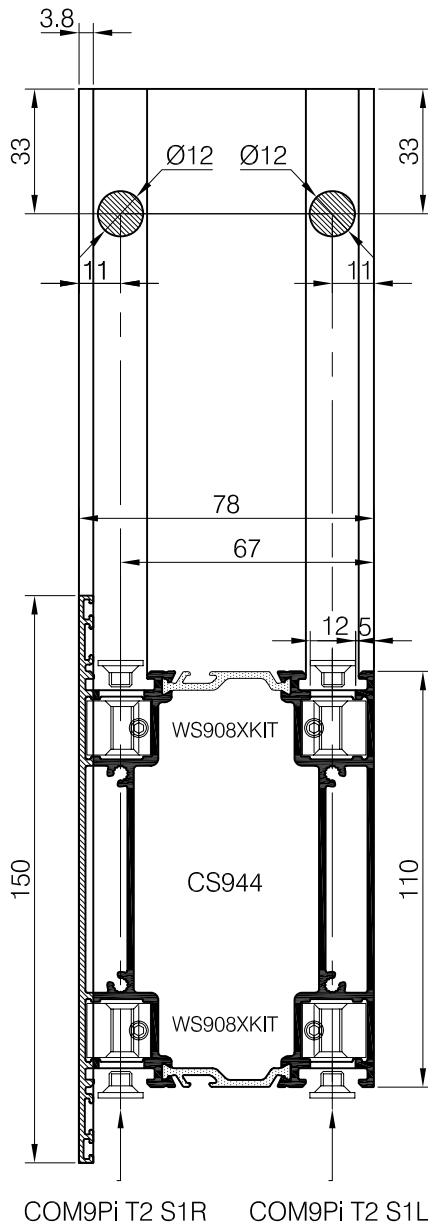
CS958
COM9Pi T1 S2

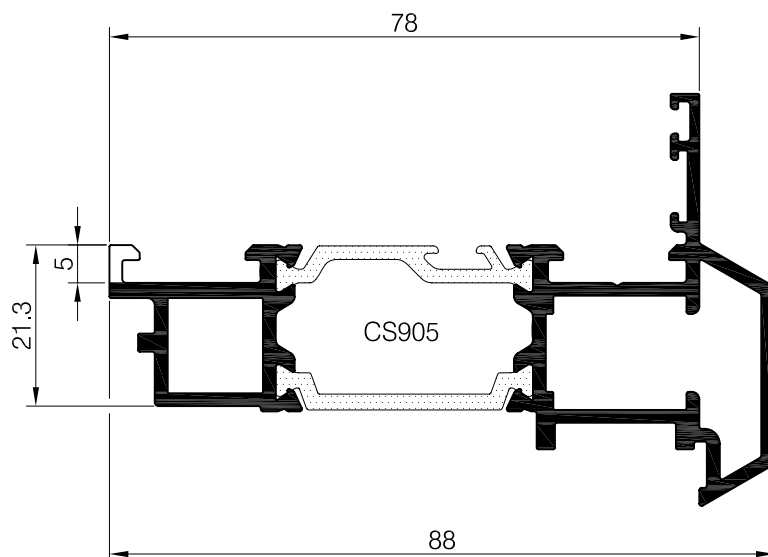
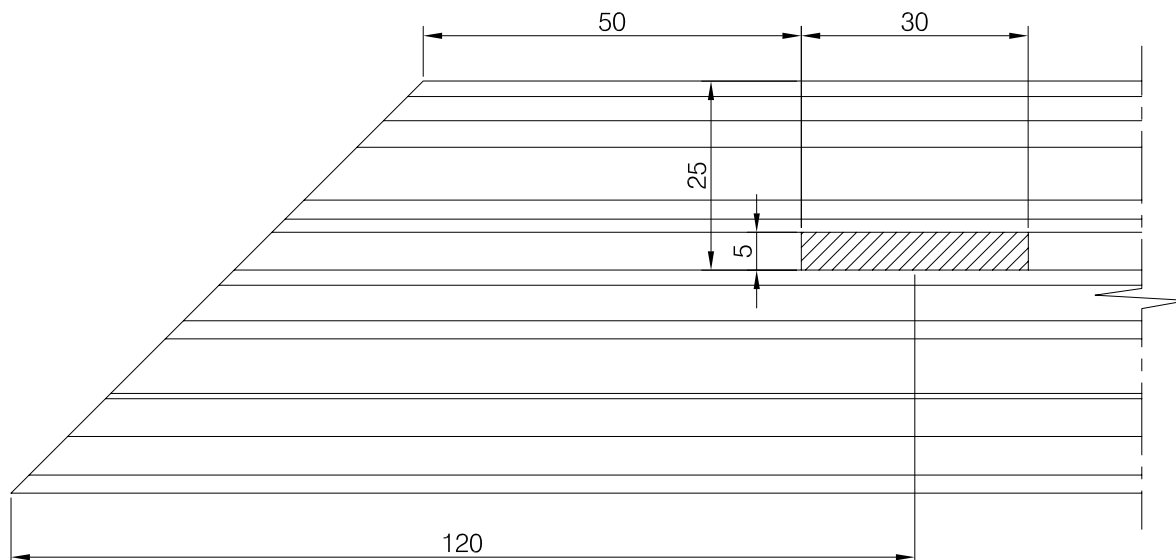






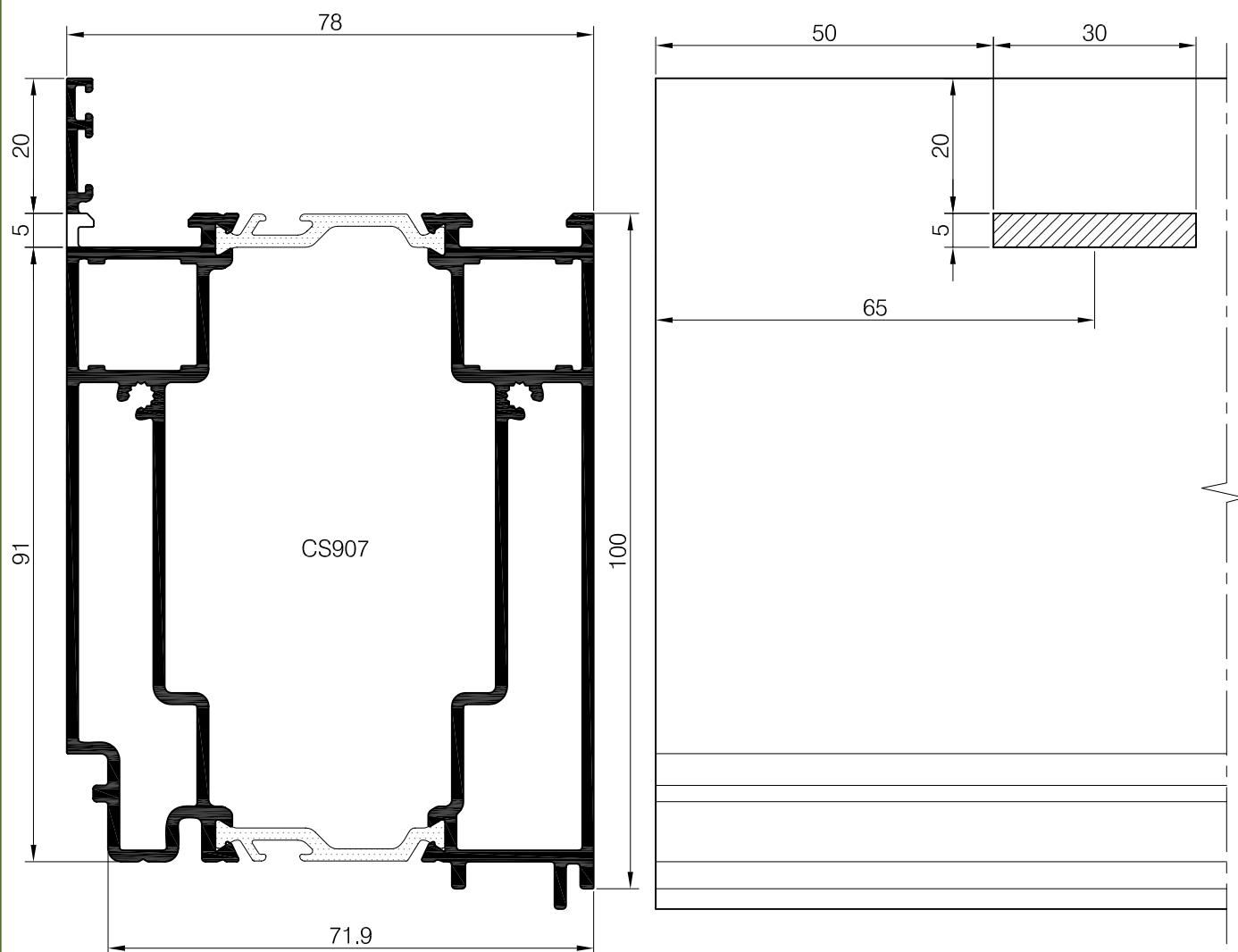






CS905
COM9Pi T1 S7





CS907
COM9Pi T1 S1



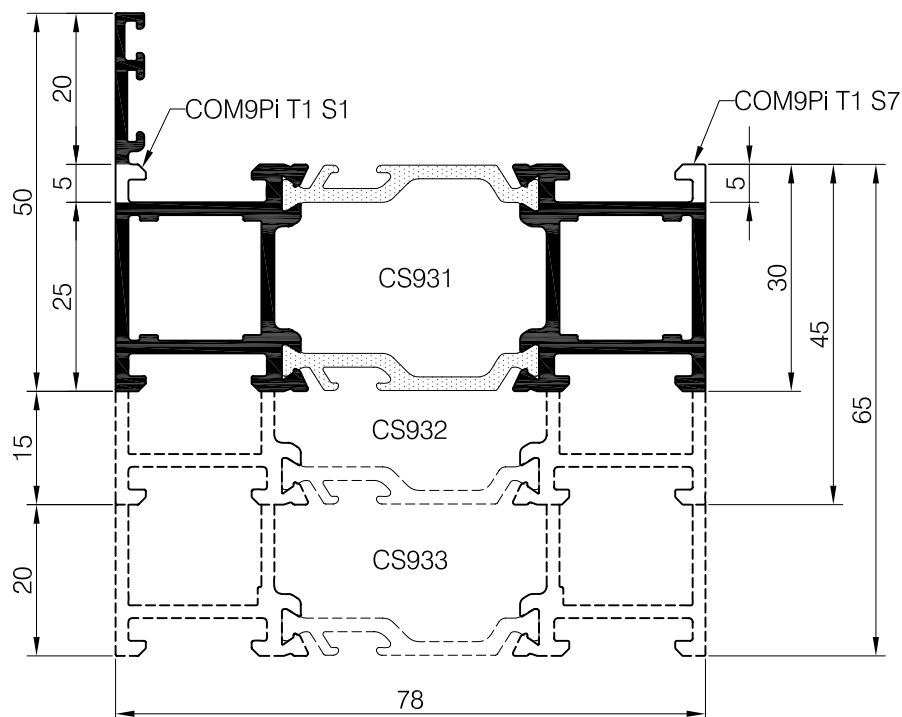
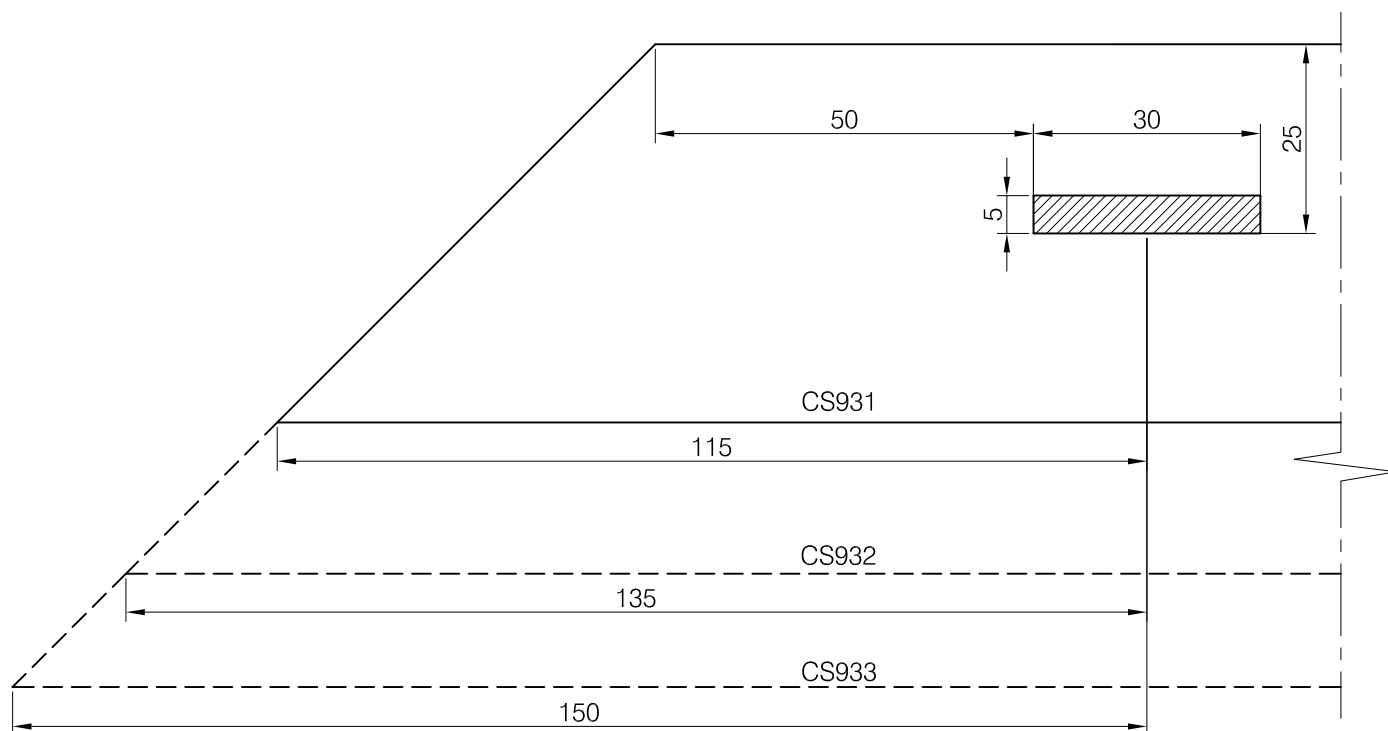
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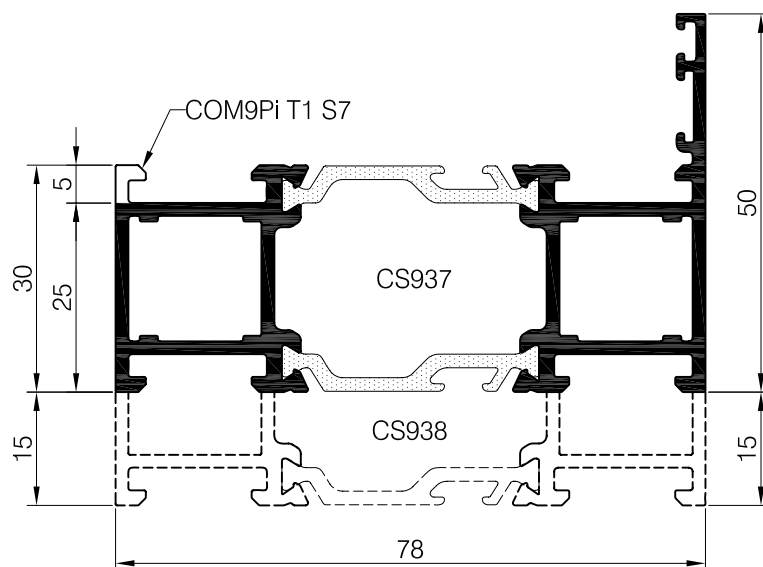
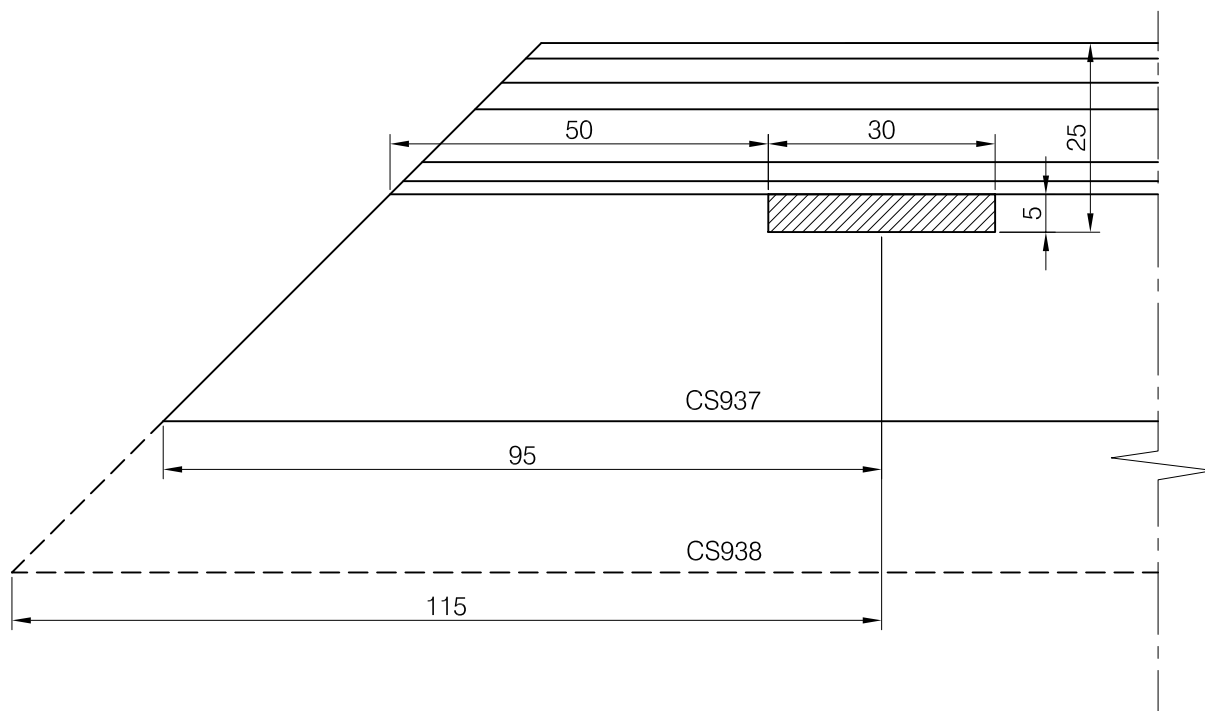


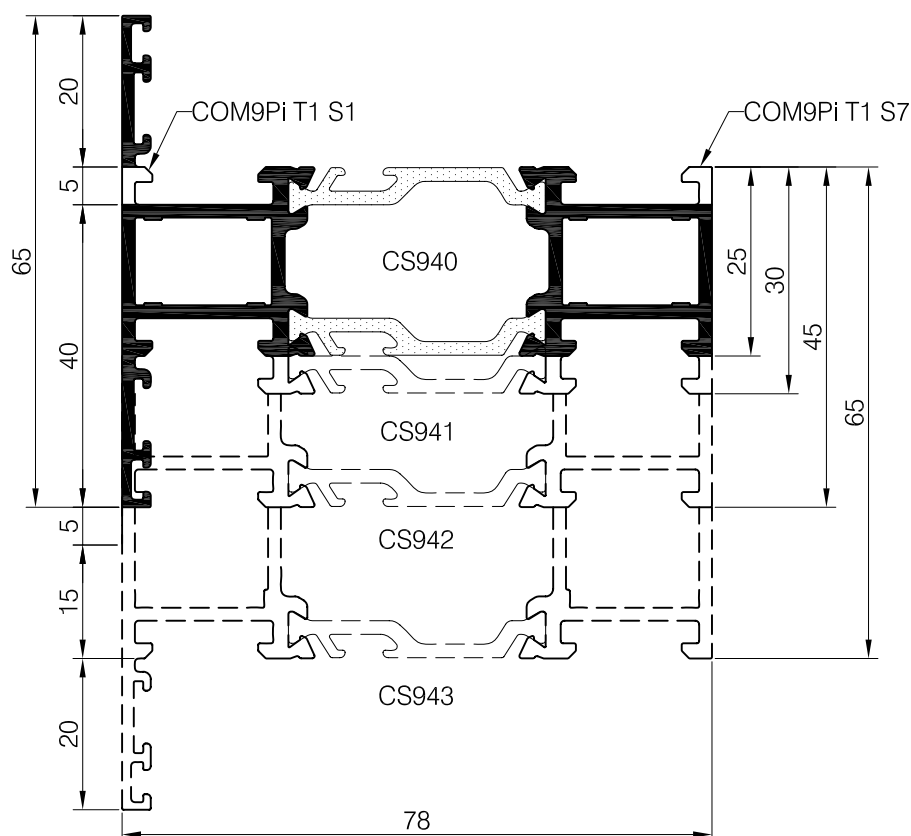
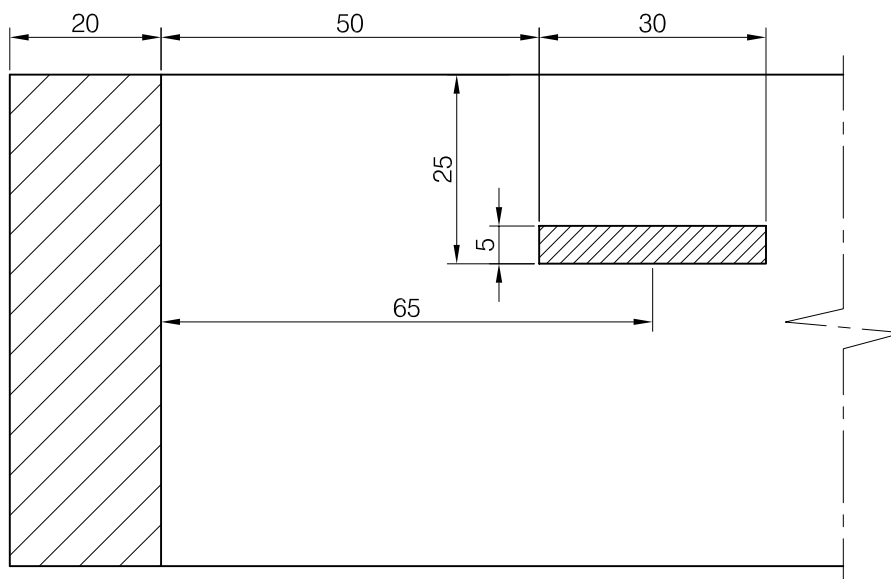
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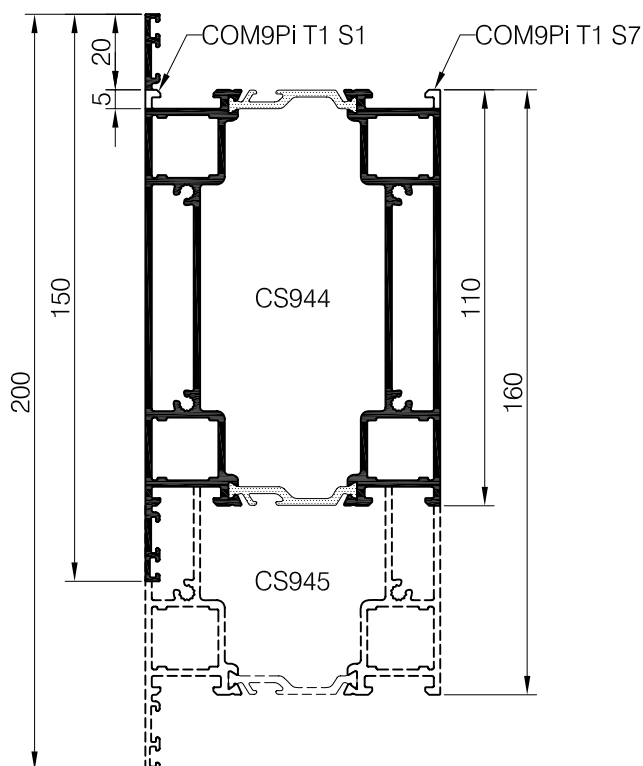
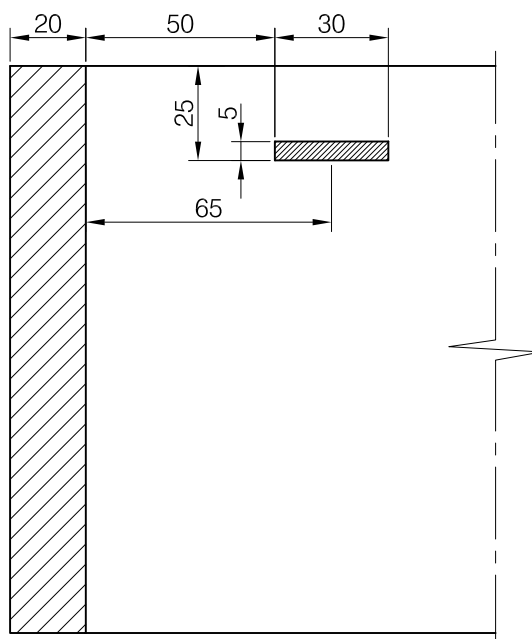
THE PARKSIDE GROUP LTD
UNIT 5 ° THE WILLOW CENTRE
17 WILLOW LANE ° MITCHAM
SURREY ° CR4 4NX
Tel: 020-8685 9685 Fax: 020-8687 1142
Email: technical@parksidegrp.co.uk
Web Site: <http://www.comar-alu.co.uk>

SCALE	1:1	@ A4
DATE	10-04-2010	
DRAWN	OP / CAD	
DRG. No.	C9 Pi-PF-RD 4.14	



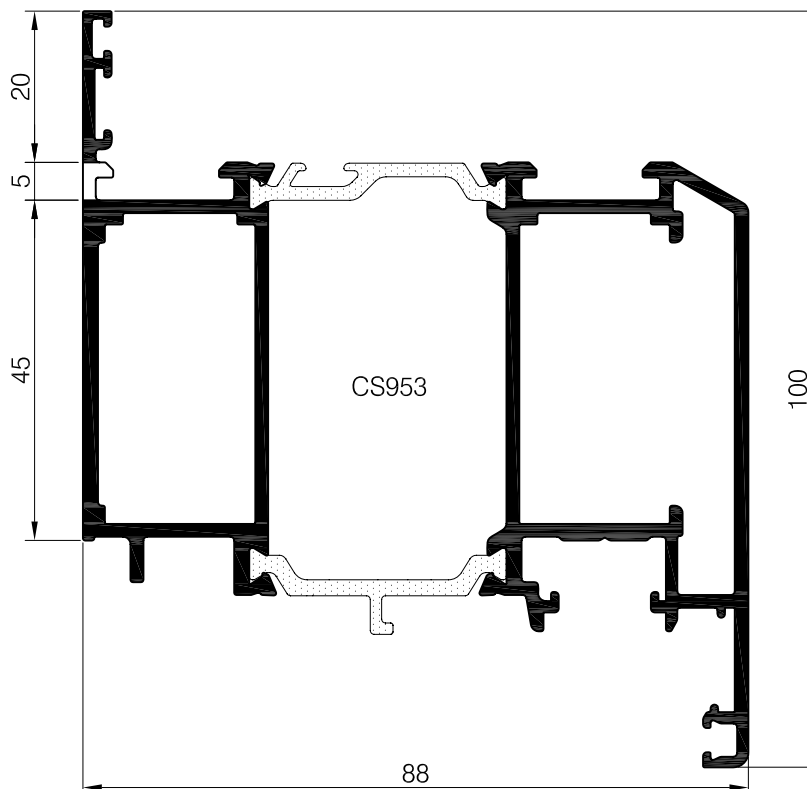
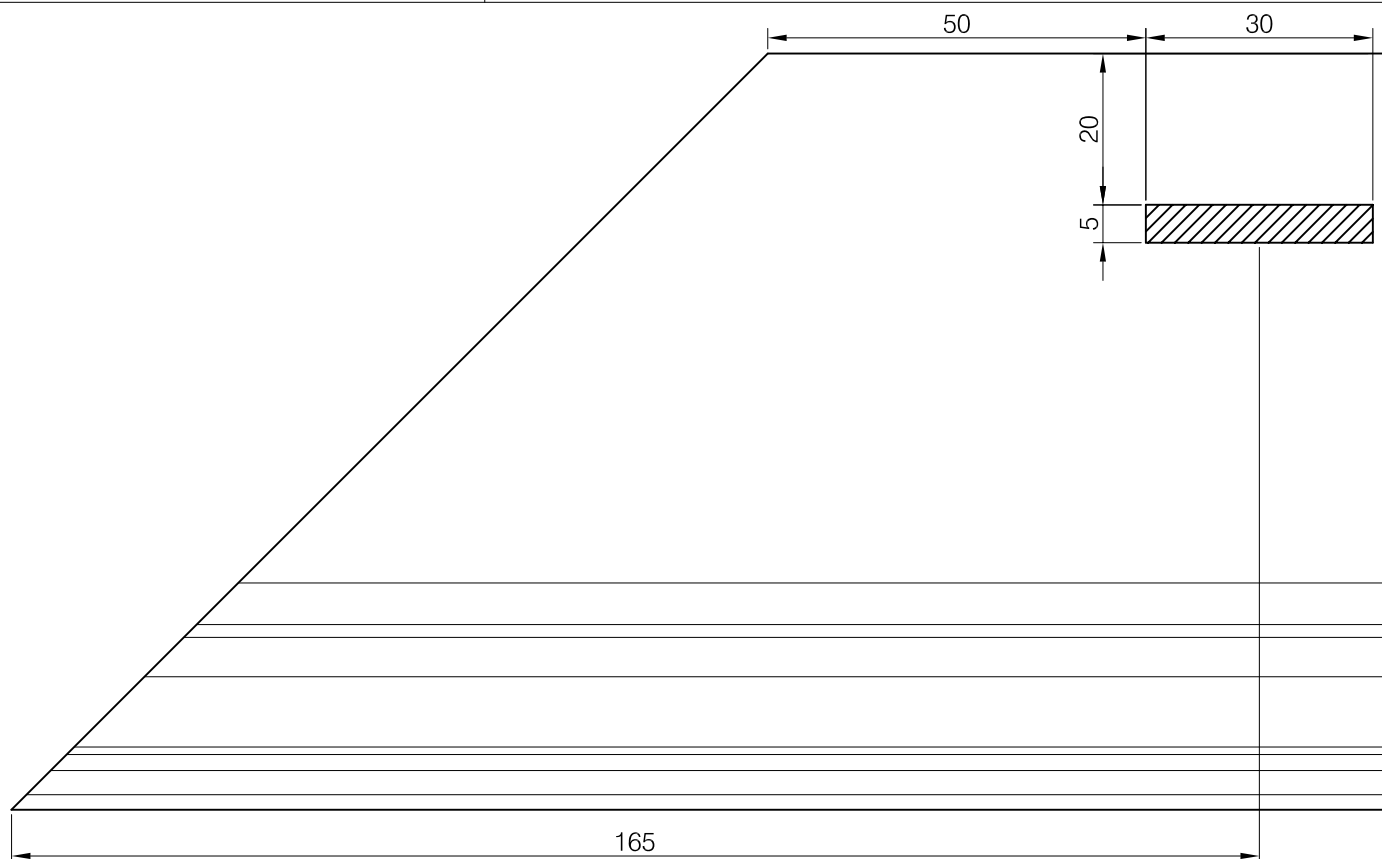






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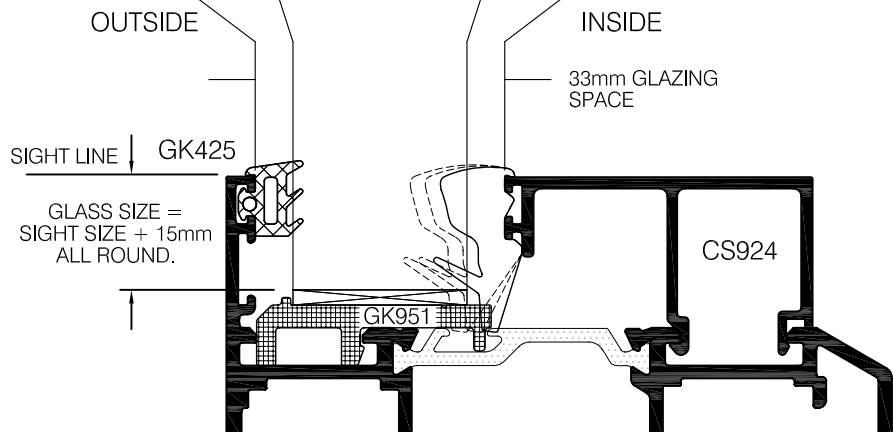




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CAPTIVE GASKET ref.	GASKET VALUE M/M	MAX M/M		WEDGE VALUE M/M	WEDGE INSERT ref.
GK425	5	22	21	5 - 7	GK906
GK425	5	21	20	7 - 9	GK908
GK425	5	19	18	9-11	GK910
		MIN M/M			



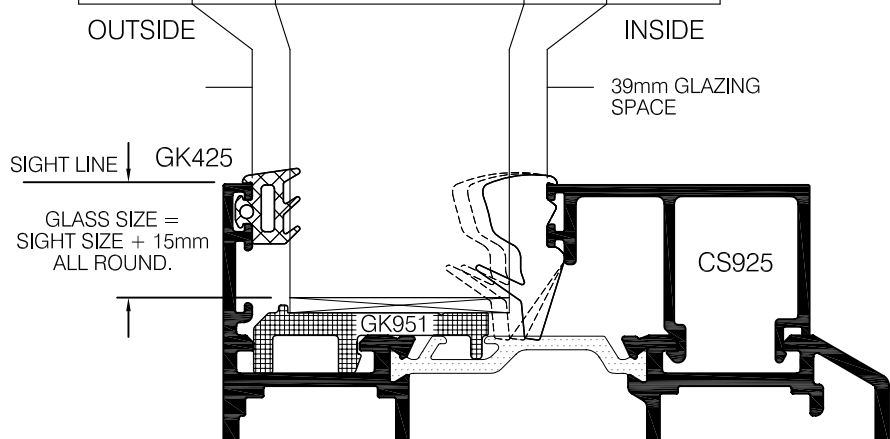
DOUBLE GLAZED DOOR SYSTEM
WITH SQUARE BEAD.

ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. CS929-930 SQUARE BEAD.
4. INSERT WEDGE GASKET.

TO ENSURE SATISFACTORY
PRODUCT PERFORMANCE,
BOTTOM CORNERS AND
INTERNAL GASKET CORNER
JOINTS SHOULD BE
SILICONE SEALED.

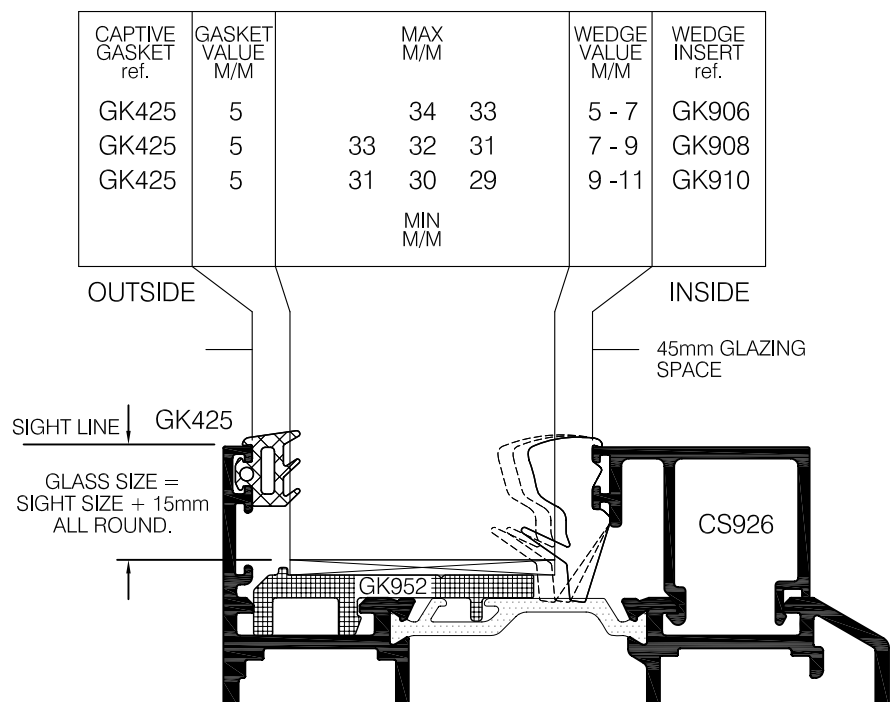
CAPTIVE GASKET ref.	GASKET VALUE M/M	MAX M/M		WEDGE VALUE M/M	WEDGE INSERT ref.
GK425	5	28	27	5 - 7	GK906
GK425	5	27	26	7 - 9	GK908
GK425	5	25	24	9 - 11	GK910
		MIN M/M			



IMPORTANT NOTE

DUE TO PRODUCTION TOLERANCES IN
ALUMINIUM, PAINTING/ANODISING,
GLASS AND GASKETS, CHECK AND
TRIAL ABOVE FORMULAE BEFORE
PROCEEDING WITH BULK PRODUCTION.



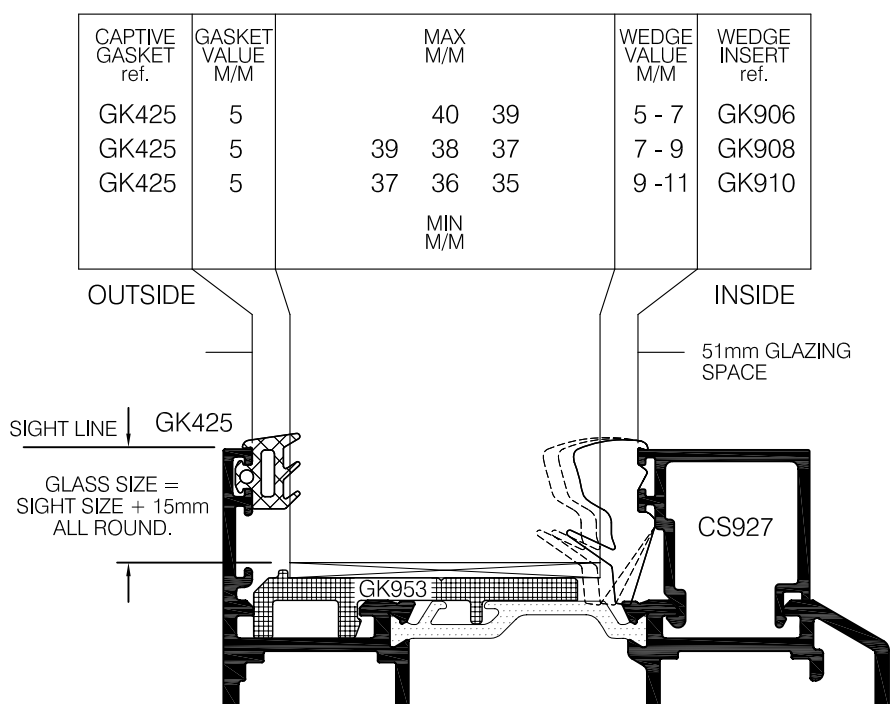


DOUBLE GLAZED DOOR SYSTEM
WITH SQUARE BEAD.

ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. CS929-930 SQUARE BEAD.
4. INSERT WEDGE GASKET.

TO ENSURE SATISFACTORY
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IMPORTANT NOTE

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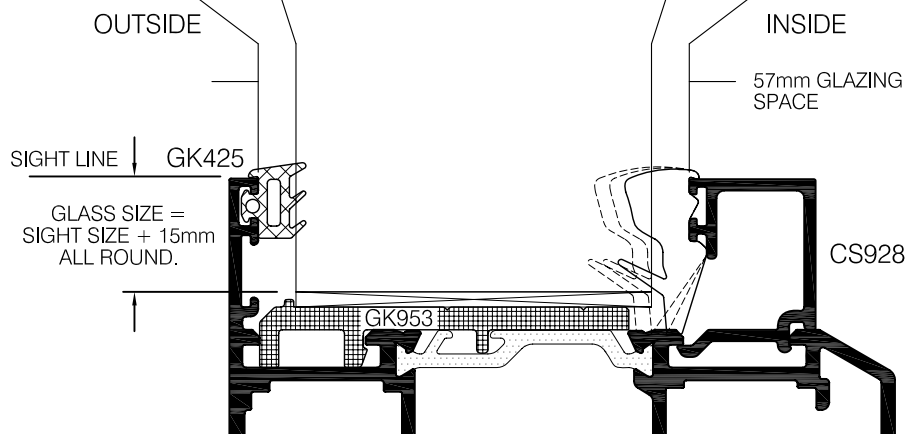


CAPTIVE GASKET ref.	GASKET VALUE M/M	MAX M/M			WEDGE VALUE M/M	WEDGE INSERT ref.
GK425	5	46	45		5 - 7	GK906
GK425	5	45	44	43	7 - 9	GK908
GK425	5	43	42	41	9 - 11	GK910
		MIN M/M				

DOUBLE GLAZED DOOR SYSTEM
WITH SQUARE BEAD.

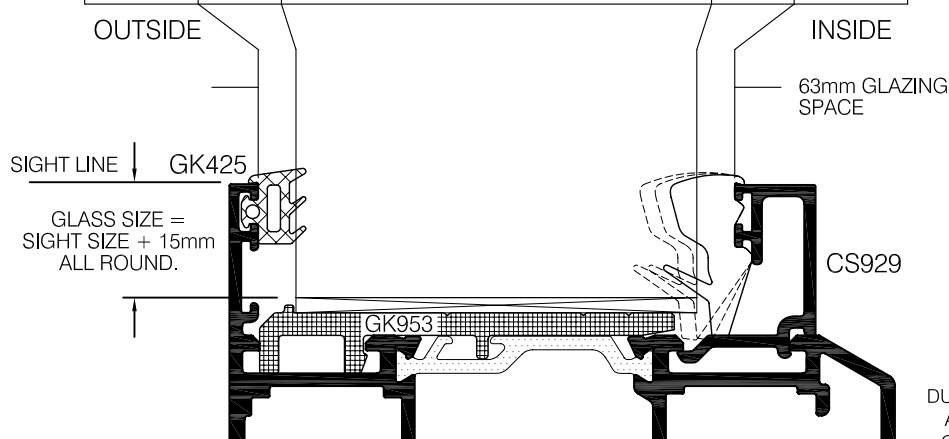
ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. CS929-930 SQUARE BEAD.
4. INSERT WEDGE GASKET.



TO ENSURE SATISFACTORY
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INTERNAL GASKET CORNER
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SILICONE SEALED.

CAPTIVE GASKET ref.	GASKET VALUE M/M	MAX M/M			WEDGE VALUE M/M	WEDGE INSERT ref.
GK425	5	52	51		5 - 7	GK906
GK425	5	51	50	49	7 - 9	GK908
GK425	5	49	48	47	9 - 11	GK910
		MIN M/M				



IMPORTANT NOTE

DUE TO PRODUCTION TOLERANCES IN
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DOUBLE GLAZED DOOR SYSTEM
WITH SQUARE BEAD.

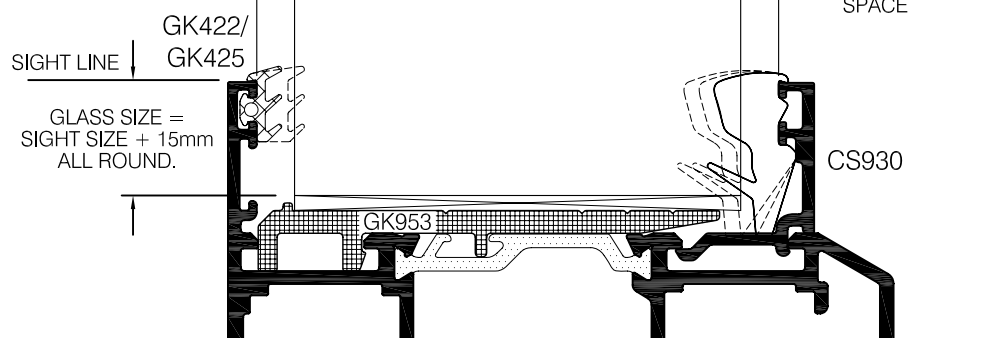
ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. CS929-930 SQUARE BEAD.
4. INSERT WEDGE GASKET.

CAPTIVE GASKET ref.	GASKET VALUE M/M	MAX M/M			WEDGE VALUE M/M	WEDGE INSERT ref.
GK422	2	62	61	60	5 - 7	GK906
GK425	5	59	58	57	5 - 7	GK906
GK425	5	57	56	55	7 - 9	GK908
GK425	5	55	54	53	9 - 11	GK910
		MIN M/M				

OUTSIDE

INSIDE



TO ENSURE SATISFACTORY
PRODUCT PERFORMANCE,
BOTTOM CORNERS AND
INTERNAL GASKET CORNER
JOINTS SHOULD BE
SILICONE SEALED.

IMPORTANT NOTE

DUE TO PRODUCTION TOLERANCES IN
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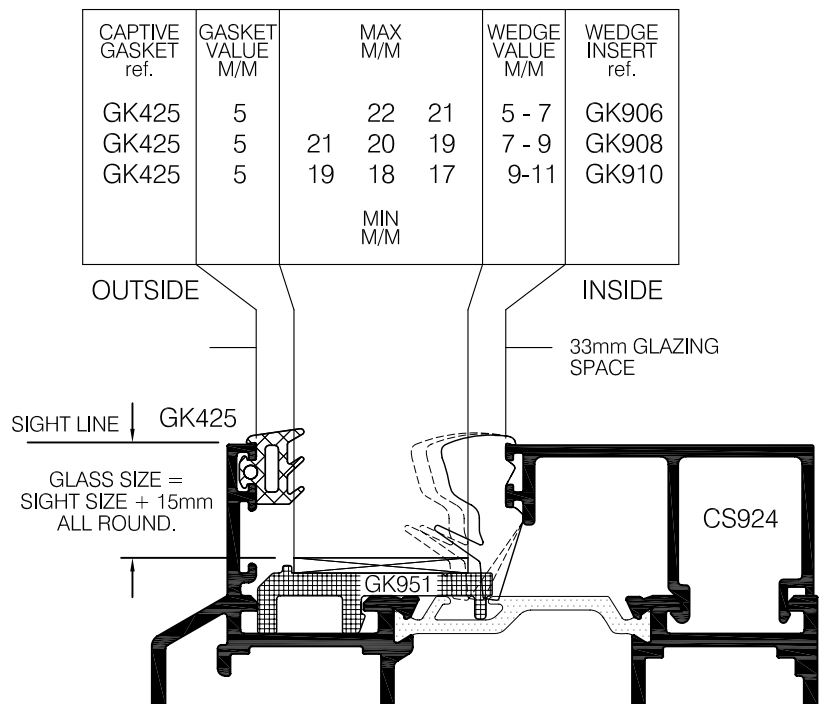
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Email: technical@parksidegrp.co.uk
Web Site: <http://www.comar-alu.co.uk>

SCALE	1:1	@ A4
DATE	10-04-2010	
DRAWN	OP / CAD	
DRG. No.	C9 Pi-PF-RD 5.04	

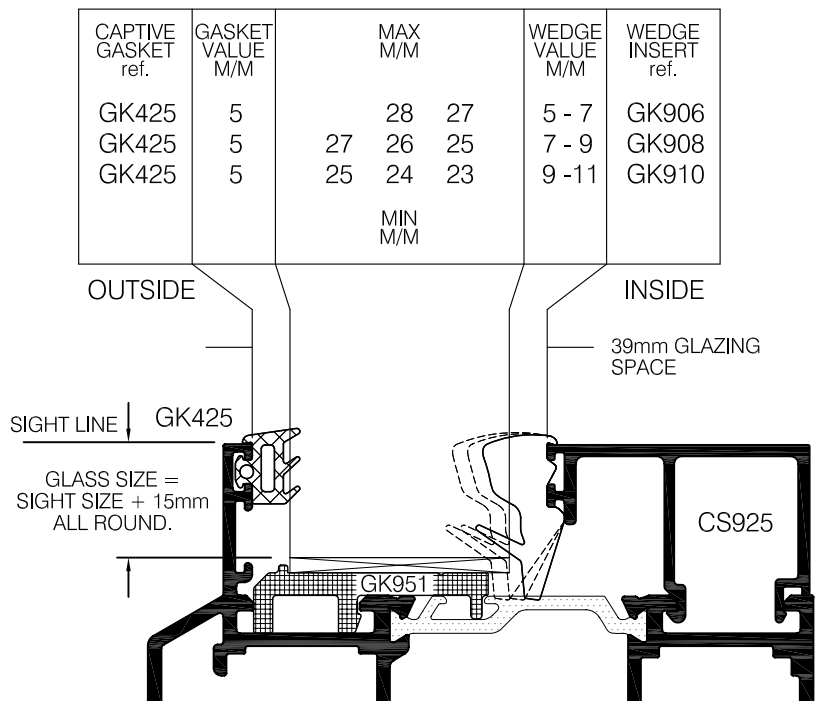


DOUBLE GLAZED DOOR SYSTEM
WITH SQUARE BEAD.

ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. CS929-930 SQUARE BEAD.
4. INSERT WEDGE GASKET.

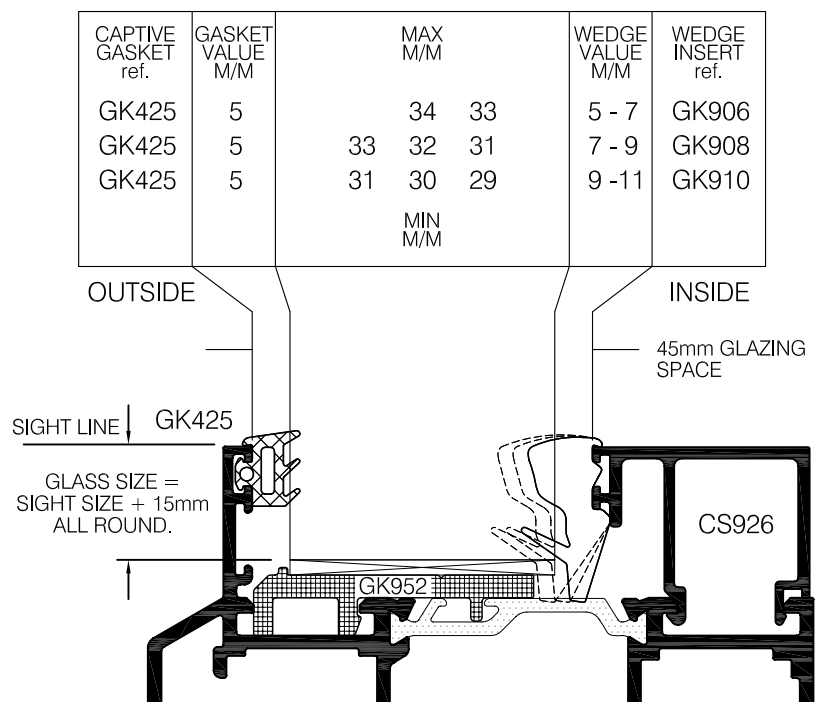
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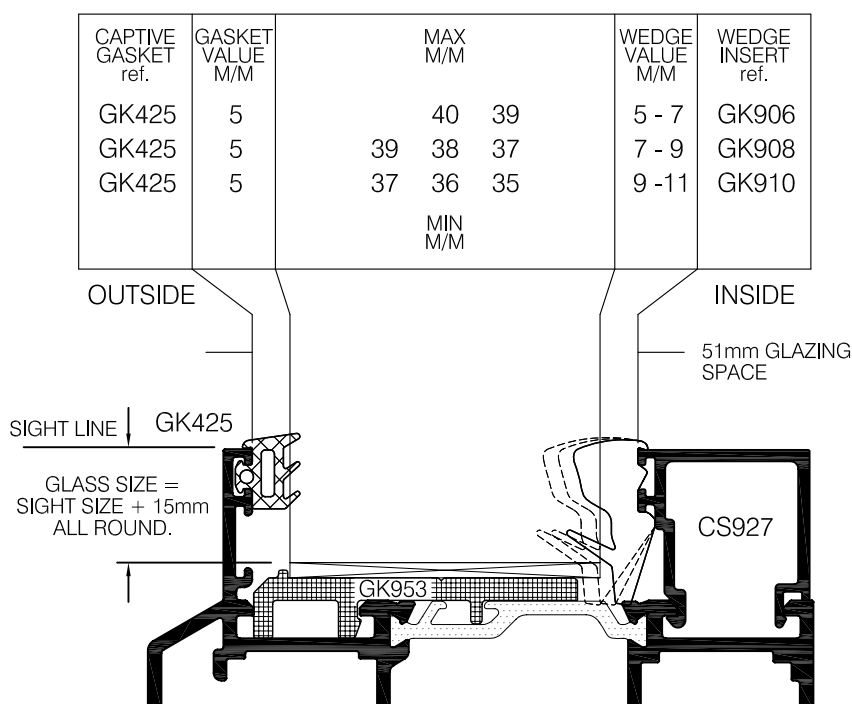


DOUBLE GLAZED DOOR SYSTEM
WITH SQUARE BEAD.

ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. CS929-930 SQUARE BEAD.
4. INSERT WEDGE GASKET.

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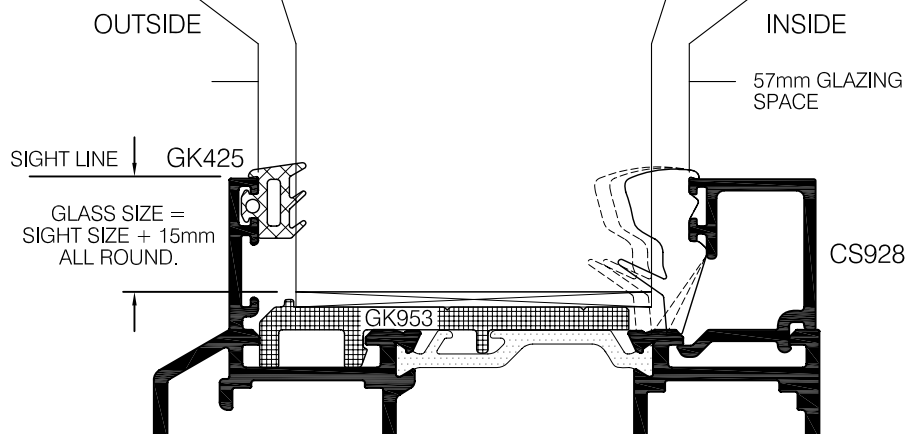


CAPTIVE GASKET ref.	GASKET VALUE M/M	MAX M/M			WEDGE VALUE M/M	WEDGE INSERT ref.
GK425	5	46	45		5 - 7	GK906
GK425	5	45	44	43	7 - 9	GK908
GK425	5	43	42	41	9 - 11	GK910
		MIN M/M				

DOUBLE GLAZED DOOR SYSTEM
WITH SQUARE BEAD.

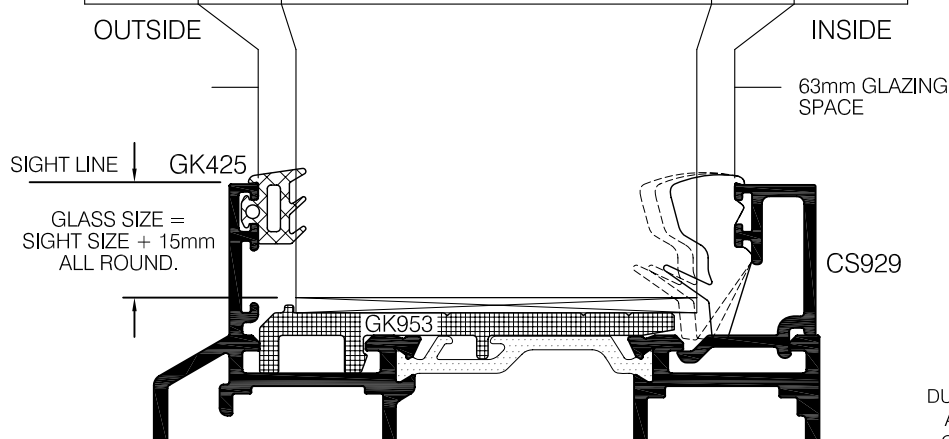
ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. CS929-930 SQUARE BEAD.
4. INSERT WEDGE GASKET.



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CAPTIVE GASKET ref.	GASKET VALUE M/M	MAX M/M			WEDGE VALUE M/M	WEDGE INSERT ref.
GK425	5	52	51		5 - 7	GK906
GK425	5	51	50	49	7 - 9	GK908
GK425	5	49	48	47	9 - 11	GK910
		MIN M/M				



IMPORTANT NOTE

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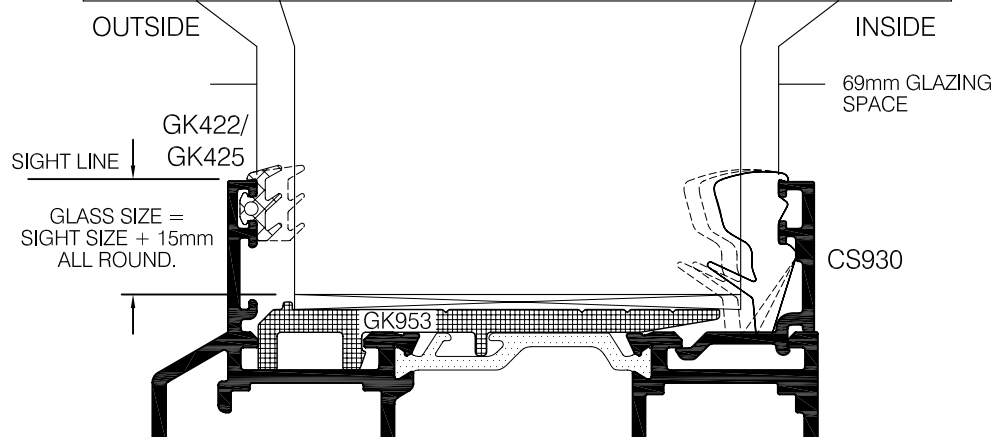


DOUBLE GLAZED DOOR SYSTEM
WITH SQUARE BEAD.

ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. CS929-930 SQUARE BEAD.
4. INSERT WEDGE GASKET.

CAPTIVE GASKET ref.	GASKET VALUE M/M	MAX M/M			WEDGE VALUE M/M	WEDGE INSERT ref.
GK422	2	62	61	60	5 - 7	GK906
GK425	5	59	58	57	5 - 7	GK906
GK425	5	57	56	55	7 - 9	GK908
GK425	5	55	54	53	9 - 11	GK910
		MIN M/M				

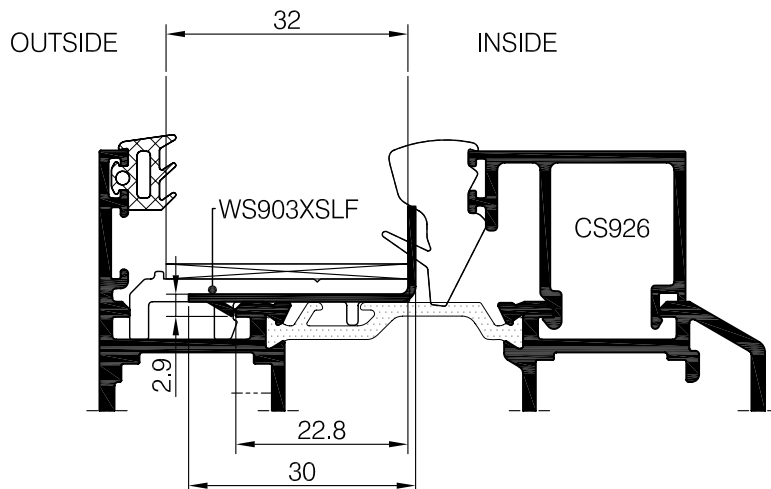


TO ENSURE SATISFACTORY
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IMPORTANT NOTE

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PROCEEDING WITH BULK PRODUCTION.

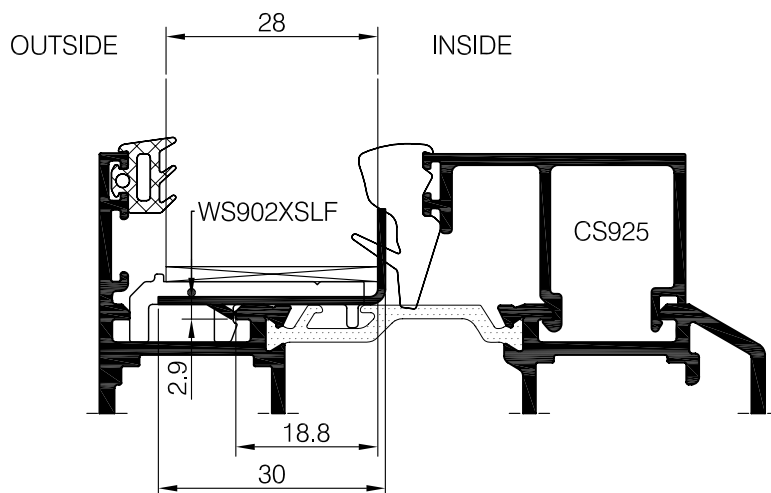




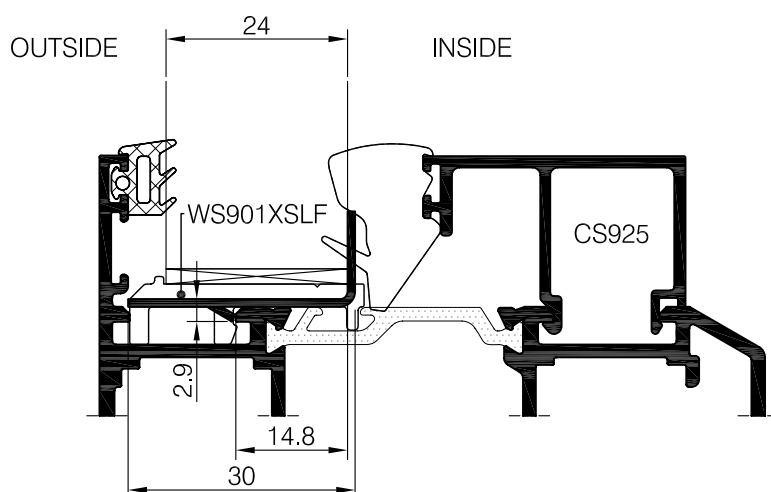
DOUBLE GLAZED WINDOW SYSTEM
WITH SQUARE BEAD.

ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. PUSH GLAZING CLIP BETWEEN
VENT/FRAME AND GLASS BEFORE
TOE AN HEELING.
4. INSERT PACKERS TO SUIT
BETWEEN GLASS AND GLAZING
CLIP WITH SILICONE TO KEEP
PACKER IN PLACE.
5. CS929-930 SQUARE BEAD.
6. INSERT WEDGE GASKET.



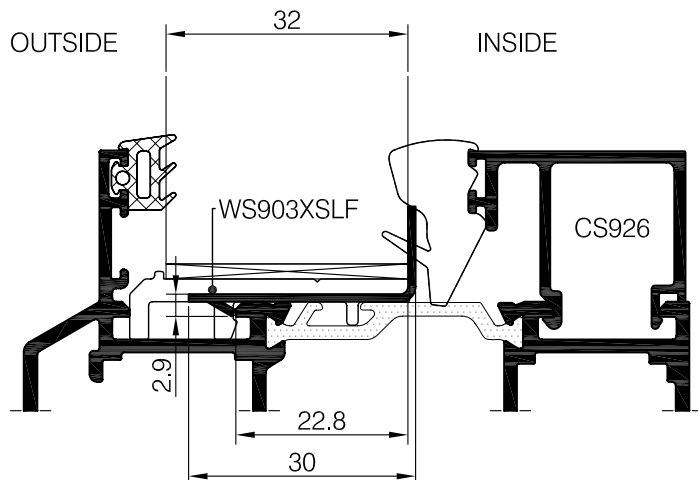
TO ENSURE SATISFACTORY
PRODUCT PERFORMANCE,
BOTTOM CORNERS AND
INTERNAL GASKET CORNER
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IMPORTANT NOTE

DUE TO PRODUCTION TOLERANCES IN
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TRIAL ABOVE FORMULAE BEFORE
PROCEEDING WITH BULK PRODUCTION.

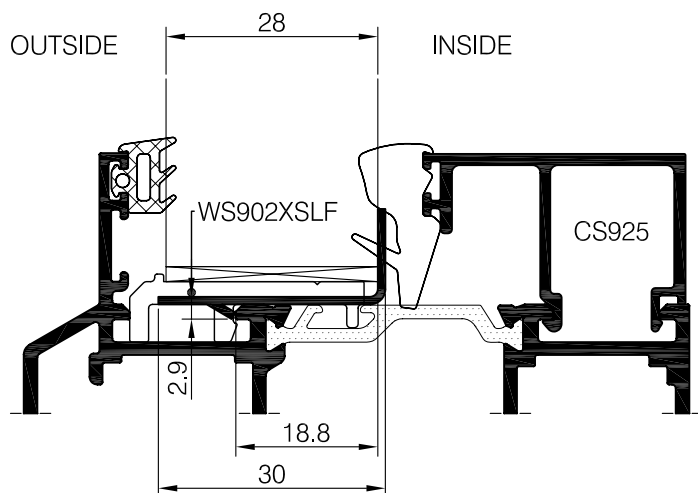




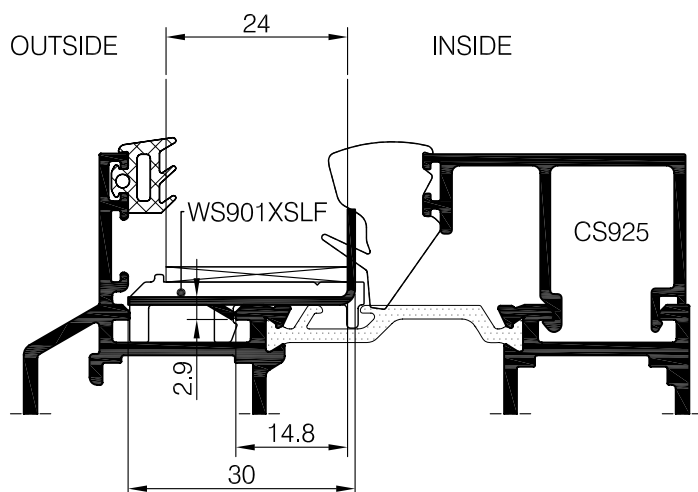
DOUBLE GLAZED WINDOW SYSTEM
WITH SQUARE BEAD.

ORDER OF ASSEMBLY:-

1. CAPTIVE GASKET.
2. GLASS OR PANEL.
3. PUSH GLAZING CLIP BETWEEN
VENT/FRAME AND GLASS BEFORE
TOE AN HEELING.
4. INSERT PACKERS TO SUIT
BETWEEN GLASS AND GLAZING
CLIP WITH SILICONE TO KEEP
PACKER IN PLACE.
5. CS929-930 SQUARE BEAD.
6. INSERT WEDGE GASKET.



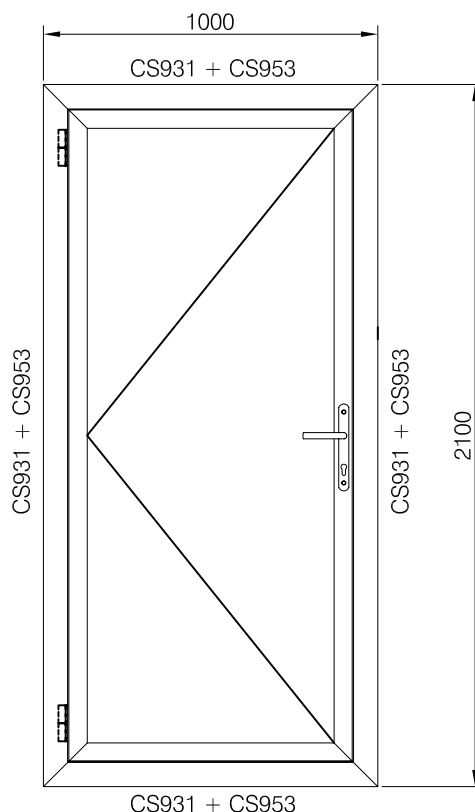
TO ENSURE SATISFACTORY
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IMPORTANT NOTE

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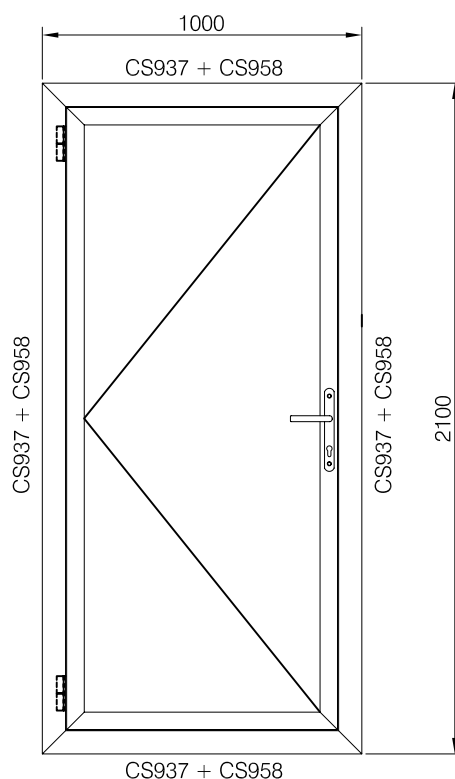


GLASS CENTRE PANE U - VALUE	LINEAR THERMAL TRANSMITTANCE OF GLASS EDGE (WARM EDGE SPACER)	AVERAGE AREA WEIGHTED U-VALUE OF DOOR
1.1 W/m2K	0.05 W/m2K	1.77 W/m2K
1.2 W/m2K	0.05 W/m2K	1.83 W/m2K
1.3 W/m2K	0.05 W/m2K	1.90 W/m2K

GLASS CENTRE PANE U - VALUE	LINEAR THERMAL TRANSMITTANCE OF GLASS EDGE (STANDARD SPACER)	AVERAGE AREA WEIGHTED U-VALUE OF DOOR
1.1 W/m2K	0.08 W/m2K	1.84 W/m2K
1.2 W/m2K	0.08 W/m2K	1.91 W/m2K
1.3 W/m2K	0.08 W/m2K	1.97 W/m2K

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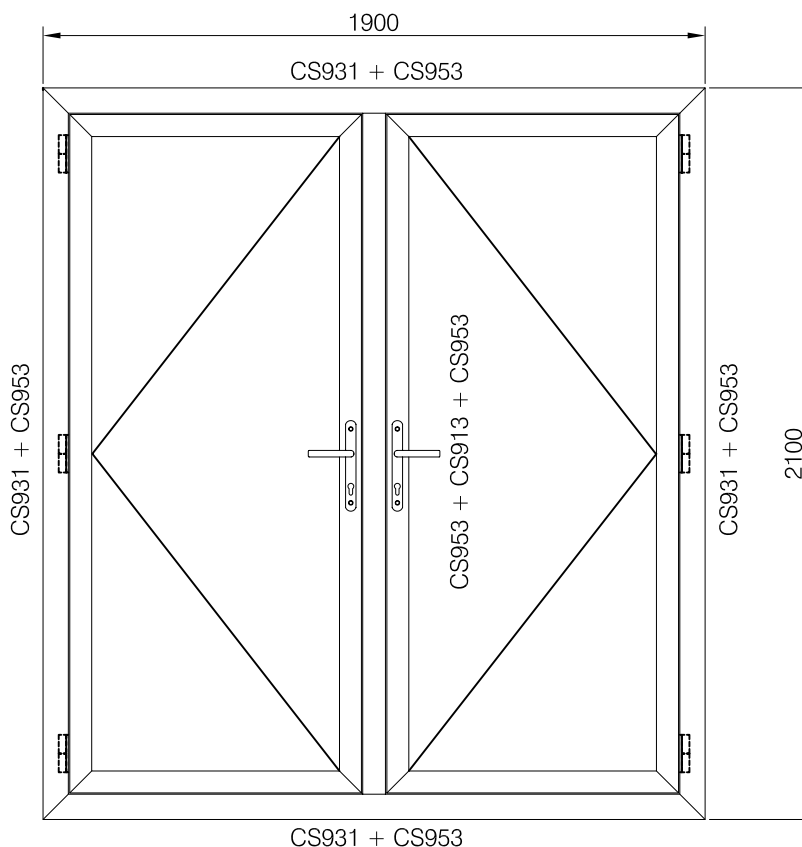


GLASS CENTRE PANE U - VALUE	LINEAR THERMAL TRANSMITTANCE OF GLASS EDGE (WARM EDGE SPACER)	AVERAGE AREA WEIGHTED U-VALUE OF DOOR
1.1 W/m2K	0.05 W/m2K	1.79 W/m2K
1.2 W/m2K	0.05 W/m2K	1.86 W/m2K
1.3 W/m2K	0.05 W/m2K	1.93 W/m2K

GLASS CENTRE PANE U - VALUE	LINEAR THERMAL TRANSMITTANCE OF GLASS EDGE (STANDARD SPACER)	AVERAGE AREA WEIGHTED U-VALUE OF DOOR
1.1 W/m2K	0.08 W/m2K	1.87 W/m2K
1.2 W/m2K	0.08 W/m2K	1.93 W/m2K
1.3 W/m2K	0.08 W/m2K	2.00 W/m2K

FOR MAXIMUM SIZE PLEASE CONTACT
COMAR TECHNICAL DEPARTMENT





GLASS CENTRE PANE U - VALUE	LINEAR THERMAL TRANSMITTANCE OF GLASS EDGE (WARM EDGE SPACER)	AVERAGE AREA WEIGHTED U-VALUE OF DOOR
1.1 W/m2K	0.05 W/m2K	1.78 W/m2K
1.2 W/m2K	0.05 W/m2K	1.84 W/m2K
1.3 W/m2K	0.05 W/m2K	1.91 W/m2K

GLASS CENTRE PANE U - VALUE	LINEAR THERMAL TRANSMITTANCE OF GLASS EDGE (STANDARD SPACER)	AVERAGE AREA WEIGHTED U-VALUE OF DOOR
1.1 W/m2K	0.08 W/m2K	1.85 W/m2K
1.2 W/m2K	0.08 W/m2K	1.92 W/m2K
1.3 W/m2K	0.08 W/m2K	1.99 W/m2K

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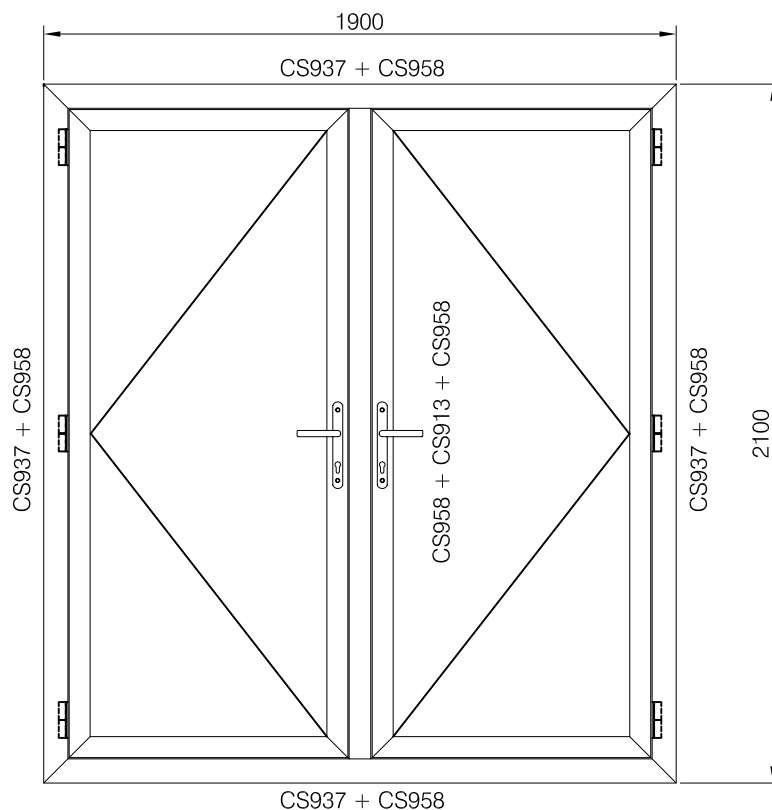
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SCALE	NTS	@ A4
DATE	10-04-2010	
DRAWN	OP / CAD	
DRG. No.	C9 Pi-PF-RD 6.03	



GLASS CENTRE PANE U - VALUE	LINEAR THERMAL TRANSMITTANCE OF GLASS EDGE (WARM EDGE SPACER)	AVERAGE AREA WEIGHTED U-VALUE OF DOOR
1.1 W/m ² K	0.05 W/m ² K	1.79 W/m ² K
1.2 W/m ² K	0.05 W/m ² K	1.84 W/m ² K
1.3 W/m ² K	0.05 W/m ² K	1.91 W/m ² K

GLASS CENTRE PANE U - VALUE	LINEAR THERMAL TRANSMITTANCE OF GLASS EDGE (STANDARD SPACER)	AVERAGE AREA WEIGHTED U-VALUE OF DOOR
1.1 W/m ² K	0.08 W/m ² K	1.85 W/m ² K
1.2 W/m ² K	0.08 W/m ² K	1.92 W/m ² K
1.3 W/m ² K	0.08 W/m ² K	1.99 W/m ² K

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