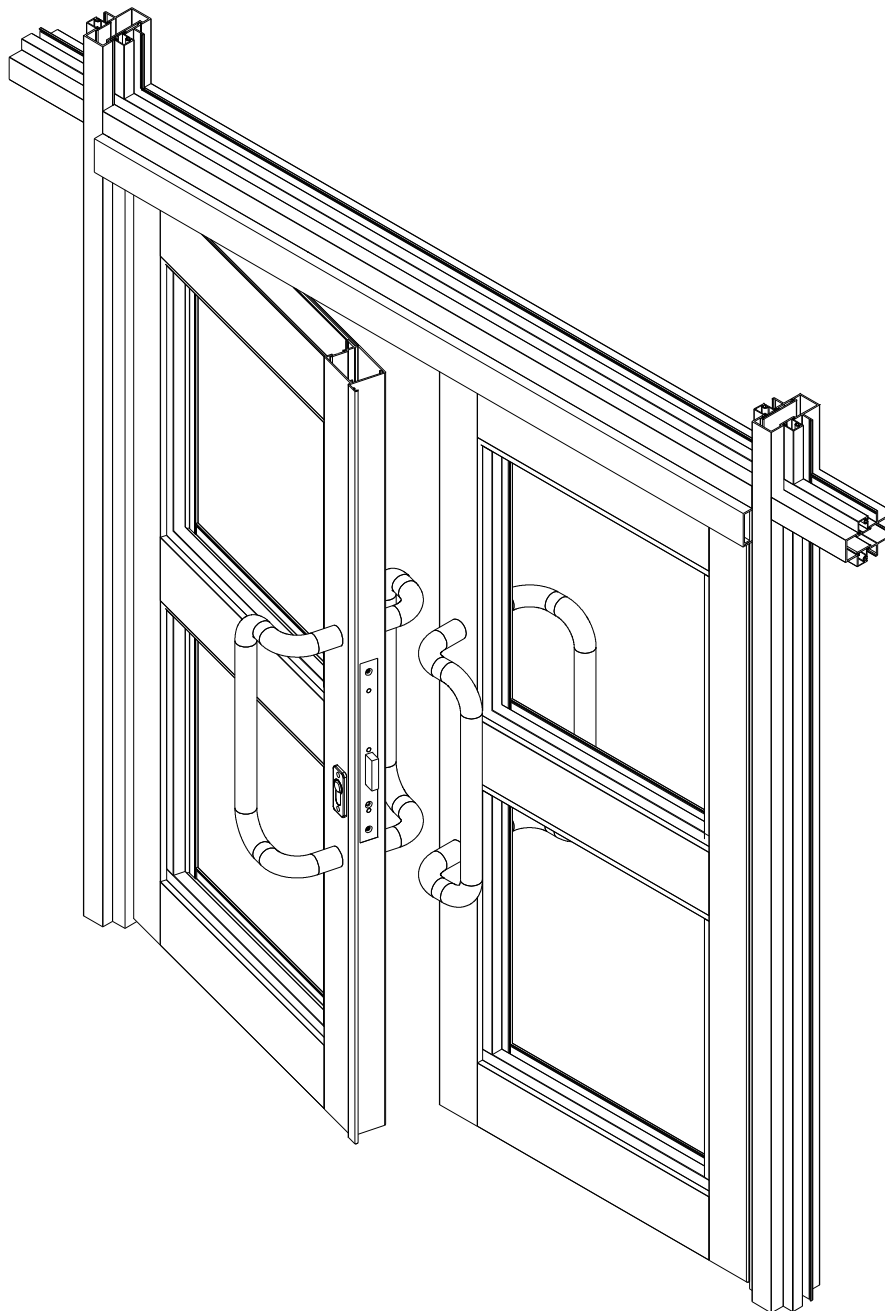




crealco |

CLIP44
OHDC

CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR



PRODUCT MANUAL

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Revision: June 2013



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This manual must be read in conjunction with the Installation, Cleaning and Maintenance Document, BEE Certificates and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

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LEGAL DISCLAIMER

All information, recommendations or advice contained in this documentation is given in good faith to the best of Wispeco's knowledge and is based on current procedures in effect.

Since the actual use of this documentation by the user is beyond the control of Wispeco, such use is within the exclusive responsibility of the user. Wispeco cannot be held responsible for any loss incurred through incorrect or faulty use of this documentation.

Great care has been taken to ensure that the information provided is correct. Wispeco will accept no responsibility for any errors and/or omissions, which may have inadvertently occurred.

All mechanical joints must be sealed with a Wispeco approved joint sealer.

Laminated glass must not stand in water.

All drawings in the Wispeco Documentation are shown NOT to scale.

Wispeco cannot accept responsibility for the use of standard products since Wispeco does not know where these products are being installed.

The use of anti-magnetic stainless steel screws and pop rivets is recommended to reduce galvanic corrosion in harsh environments.

The hardware recommended in this documentation is suitable for use in most atmospheric environments. When hardware is used in severe coastal environments the manufacturer of the hardware must be consulted.

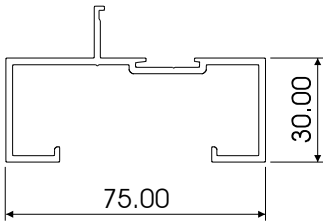
Fixing lugs on frames must be positioned as per the user manual and used in accordance to the AAAMSA specifications. When profiles are screwed together the screw centers must also be according to the user manual.

All glass used within Wispeco products must comply with SAGGA regulations.

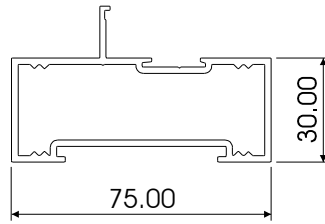
All glazing above 10m from ground level must be signed off by a competent person (Glazing) in accordance with the national building regulations

By continuing to use this documentation you acknowledge that you understand and accept the legal disclaimer.

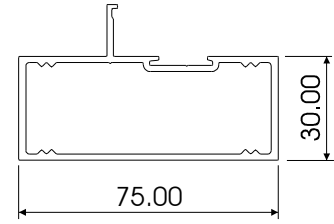
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR PROFILE IDENTIFICATION



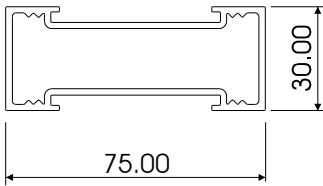
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OPEN BACK
W26154



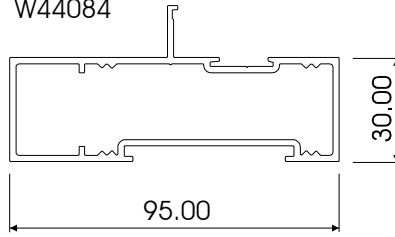
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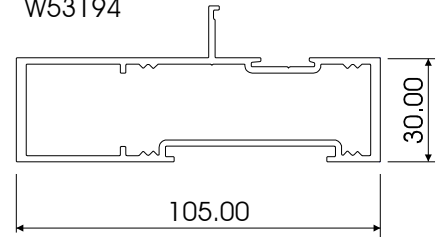
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W53194



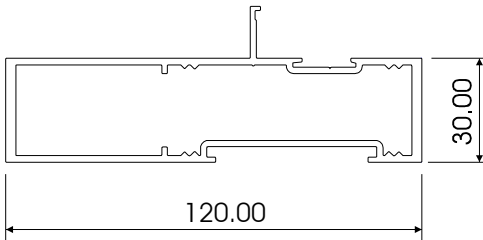
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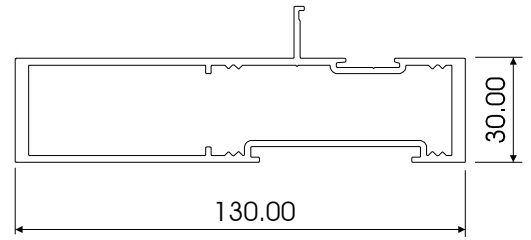
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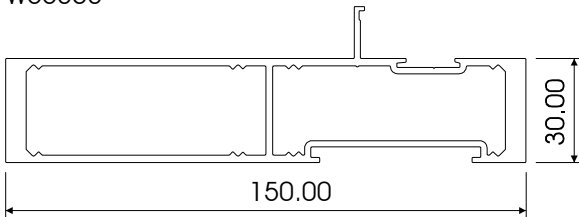
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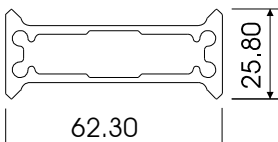
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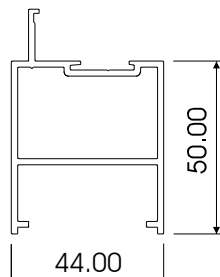
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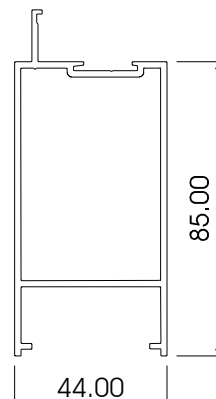
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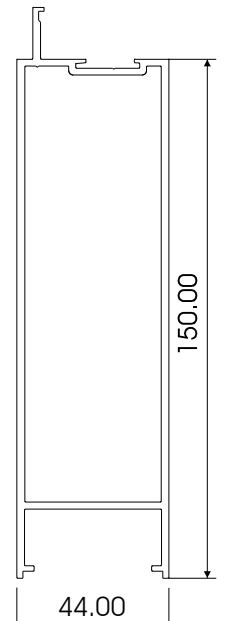
CLIP44 BOX SPIGOT
4 X S/PORT
W55456



CLIP44 R7 HEAD/
SILL RAIL 50mm
W44087



CLIP44 R4 HEAD/
SILL RAIL 85mm
W44088



CLIP44 R6 SILL
RAIL 150mm
W44094

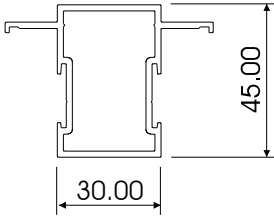
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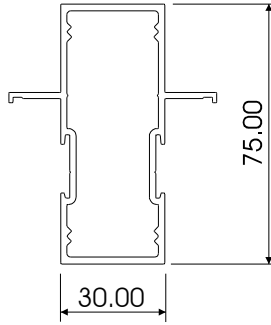
PAGE 4



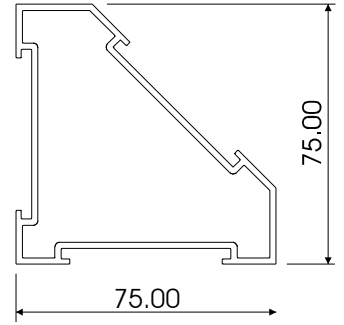
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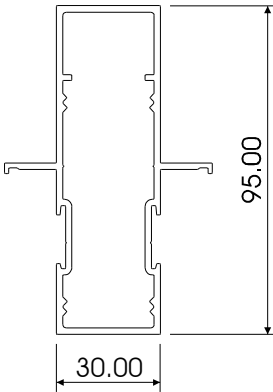
CLIP44 MIDRAIL GLAZING BAR
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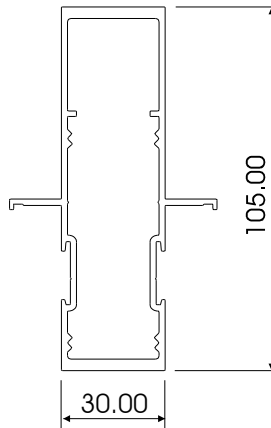
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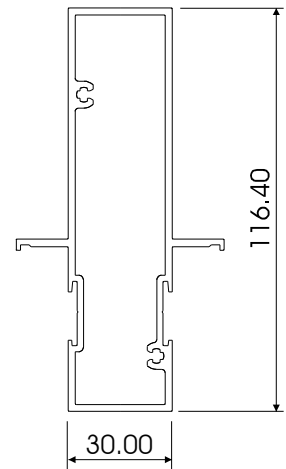
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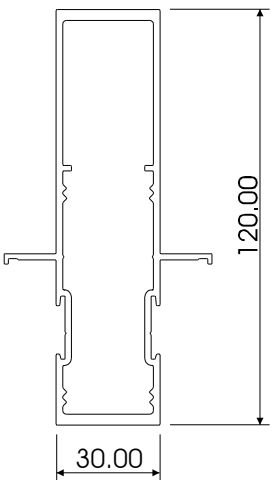
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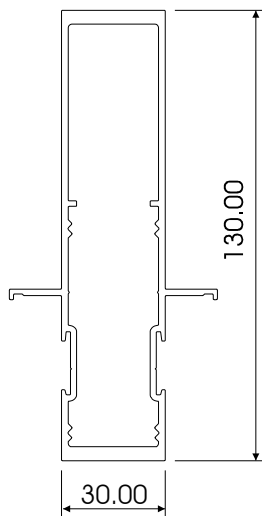
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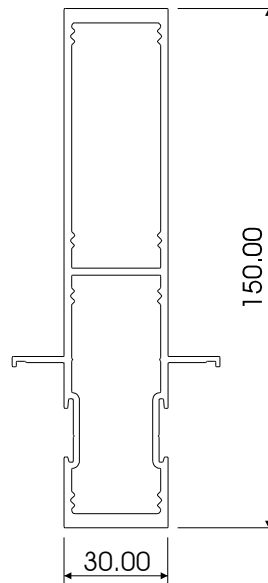
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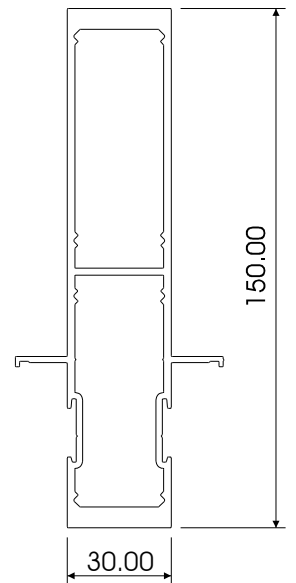
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CLIP44 MULLION W130
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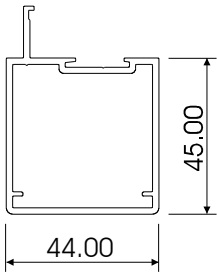


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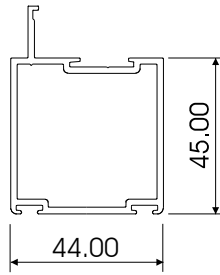


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HEAVY DUTY
W54043

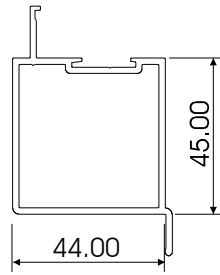
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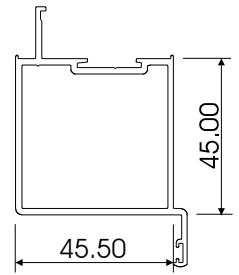
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DOOR JAMB
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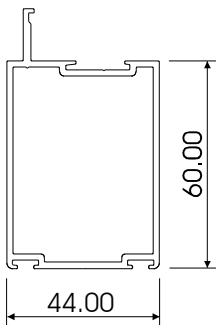
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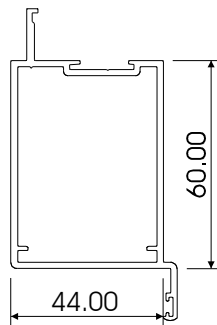
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DOOR JAMB
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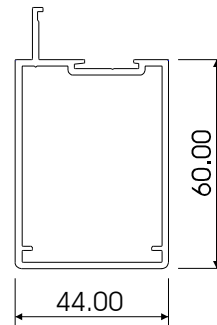
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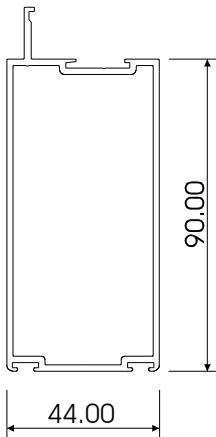
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W53666



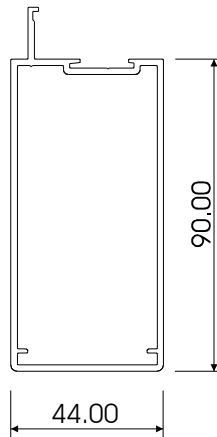
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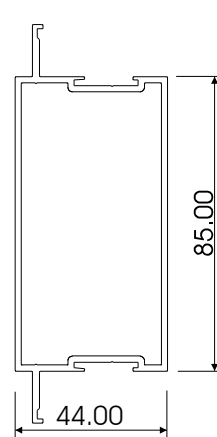
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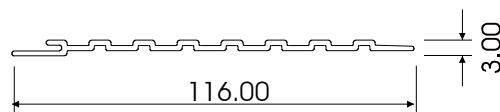
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CLIP44 R9
D/STILE 90mm
W53406

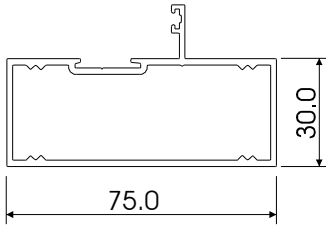


CLIP44 R4-SPECIAL
MID RAIL 85mm
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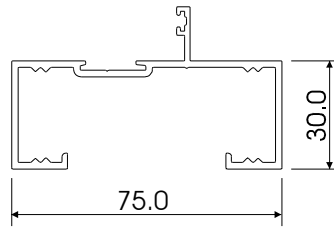


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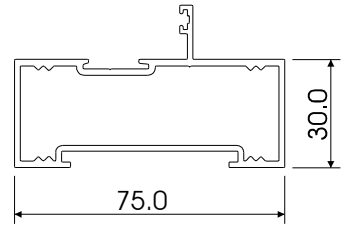
CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 PROFILE IDENTIFICATION
 - ALTERNATIVE PROFILES WITH WOOLPILE



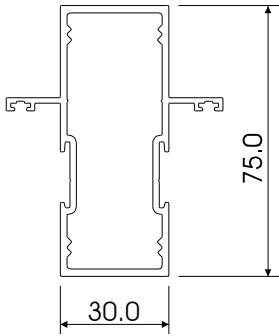
CLIP44 FLAT
 BACK WOOLPILE
 W55875



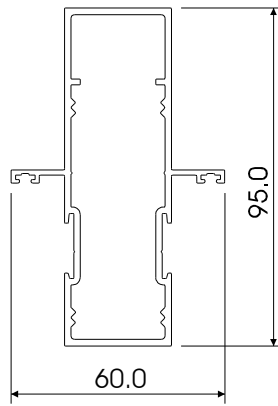
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 OPEN BACK WOOLPILE
 W32877



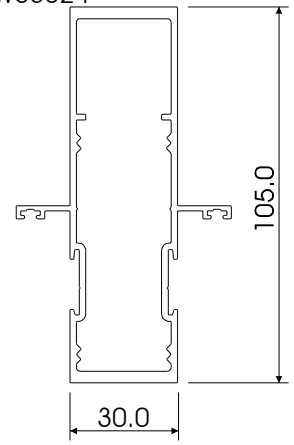
CLIP 44 RECESSED
 BACK WOOLPILE
 W55824



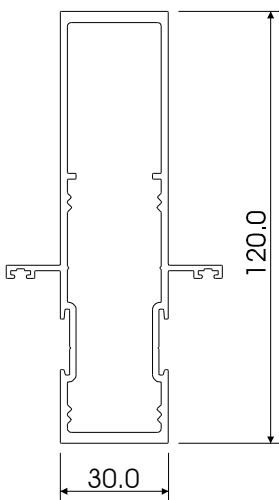
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 WOOLPILE
 W55891



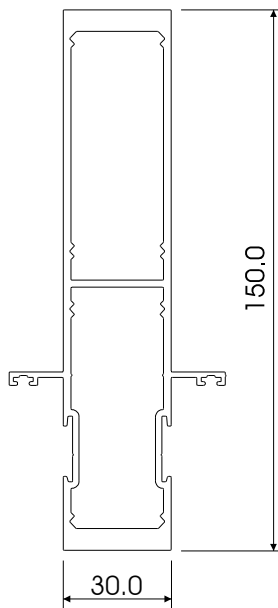
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 WOOLPILE
 W56015



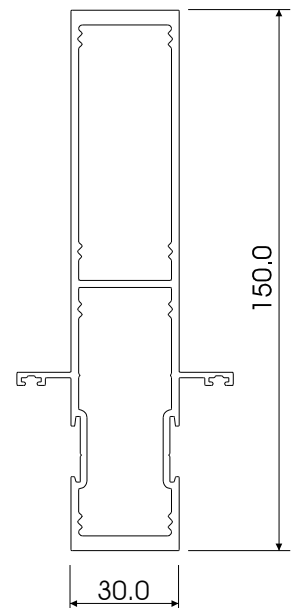
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 WOOLPILE
 W56014



CLIP44 W150 MULLION
 WOOLPILE
 W55913

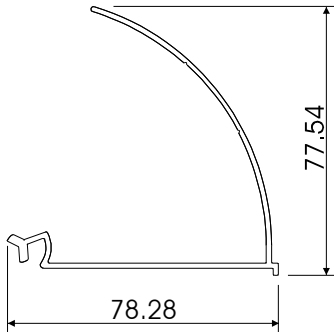


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 WOOLPILE HEAVY DUTY
 W56012

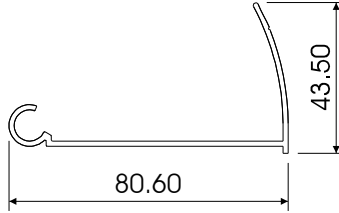


CLIP44 W150 MULLION
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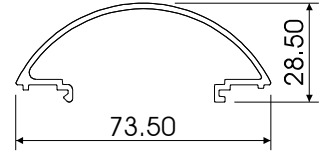
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR PROFILE IDENTIFICATION



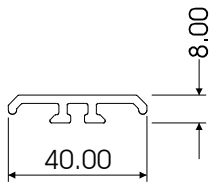
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MULLION 1
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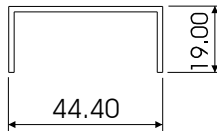
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MULLION 2
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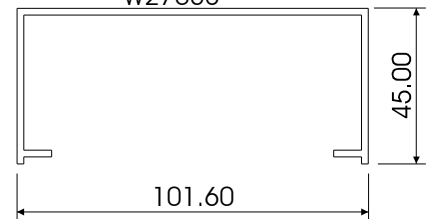
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HAND RAIL
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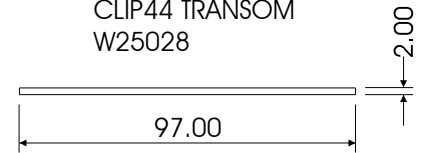
COLONIAL BAR
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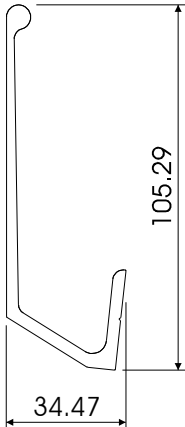
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CHANNEL
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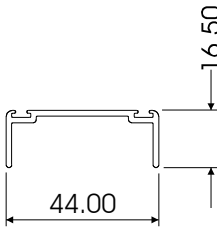
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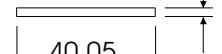
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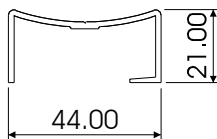
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DOOR HANDLE
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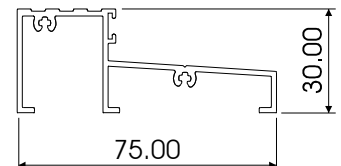
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HEAD ADAPTOR
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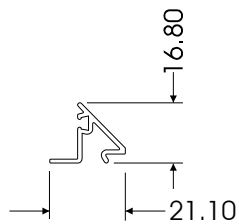
CLIP44 40mm
COVER PLATE
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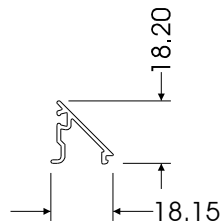
CLIP44 DOOR END
STYLE FOR PIVOT
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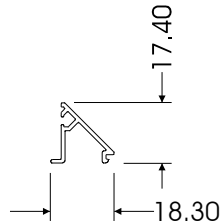
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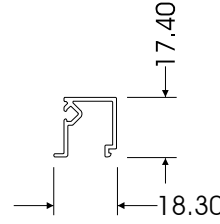
CLIP44 ANGLED
GLAZING BEAD
W30468



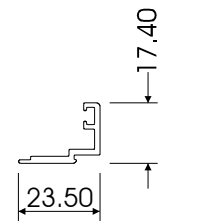
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GLAZING BEAD
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CLIP44 ANGLED
GLAZING BEAD
W14108

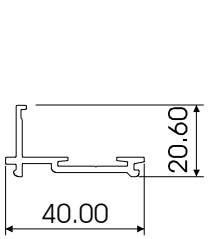


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W14109

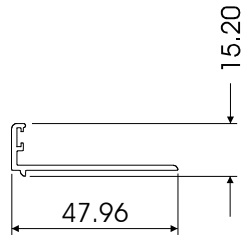


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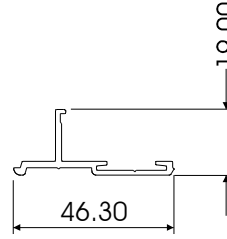
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR PROFILE IDENTIFICATION



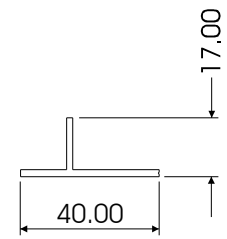
CLIP44 R4 FILLER
ADAPTOR
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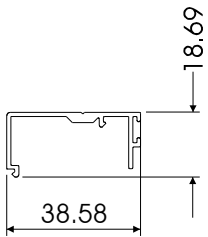
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WITH WOOLPILE
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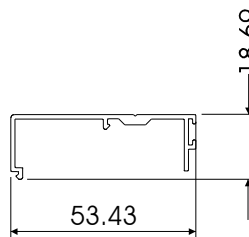
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ADAPTOR
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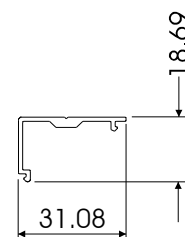
CLIP44 R4 SILL
END FILLER
W26093



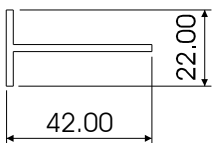
CLIP44 DOOR
ADAPTOR FOR W105
W29366



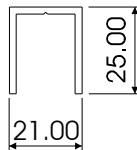
CLIP44 DOOR
ADAPTOR FOR W120
W29367



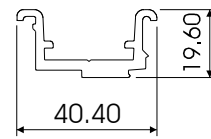
CLIP44 DOOR
ADAPTOR FOR W95
W29368



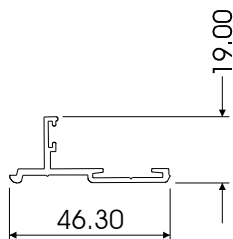
CLIP44 SLIDING DOOR
STOP ASTRAGAL
W25022



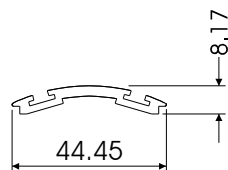
CLIP44 CHANNEL
SPIGOT
<W26152>



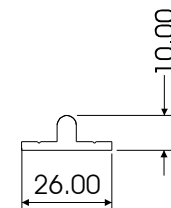
CLIP44 SPIGOT
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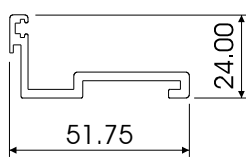
CLIP44 DOOR ADAPTOR
W26150



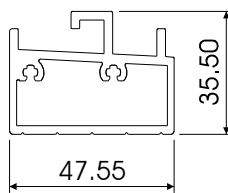
CLIP44 SILL ADAPTOR
W25048



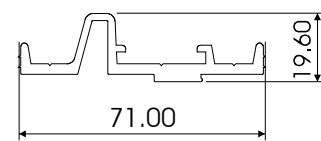
CLIP44 FLOOR
TRACK
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CLIP44 DRAINAGE
SILL ADAPTOR
W27522

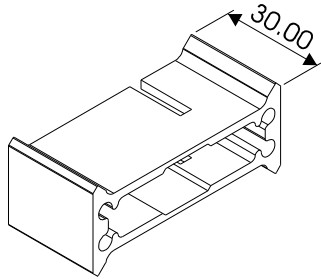


CLIP44 DRAINAGE SILL
W53448

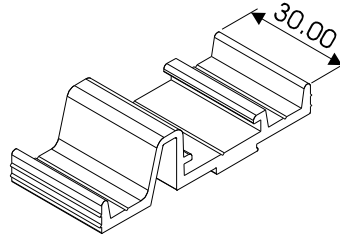


CLIP44 FRAME SPIGOT
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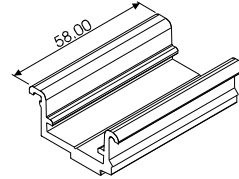
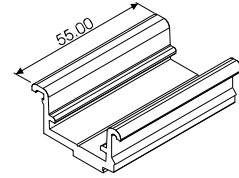
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR INSERT HARDWARE IDENTIFICATION



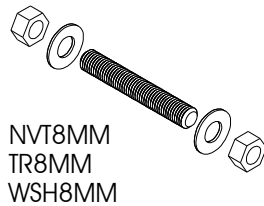
BOX SPIGOT 4 X S/PORT
W53752



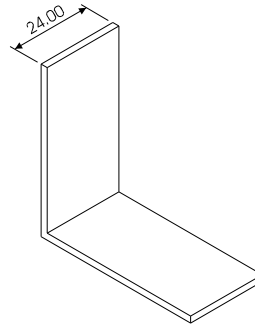
FRAME SPIGOT
<W26228>



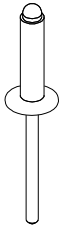
SPIGOT
<W26197>



NVT8MM
TR8MM
WSH8MM



EQUAL ANGLE 50.0 x 50.0 x 2.0
W20423



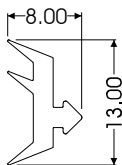
4x10 C/SUNK
RIVET
CSKR410



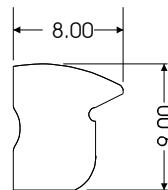
POP RIVET
4.8x12mm
CSKR4812



8x40 P/HEAD POSI
S/S SCREW
STPPS840

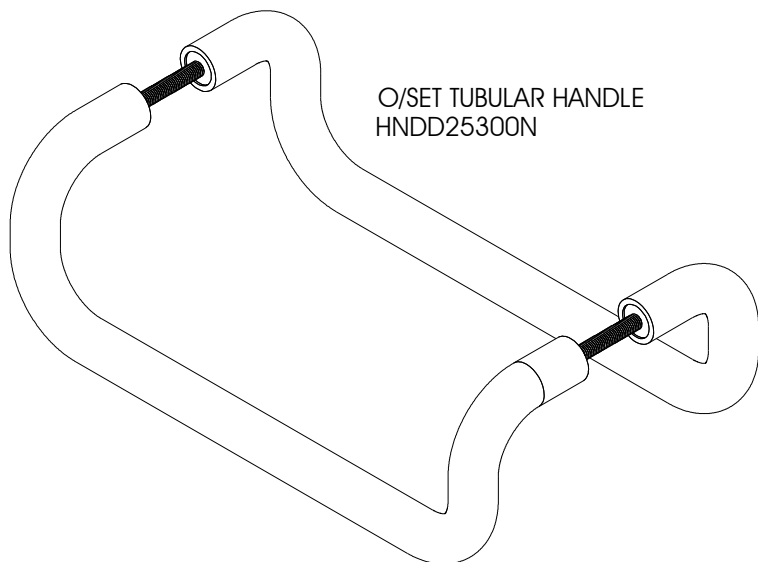


BUTTERFLY H13
CLPIV4FG

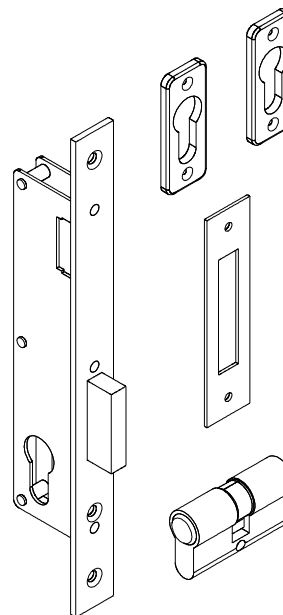


WEDGE H2
CLRIV65FG

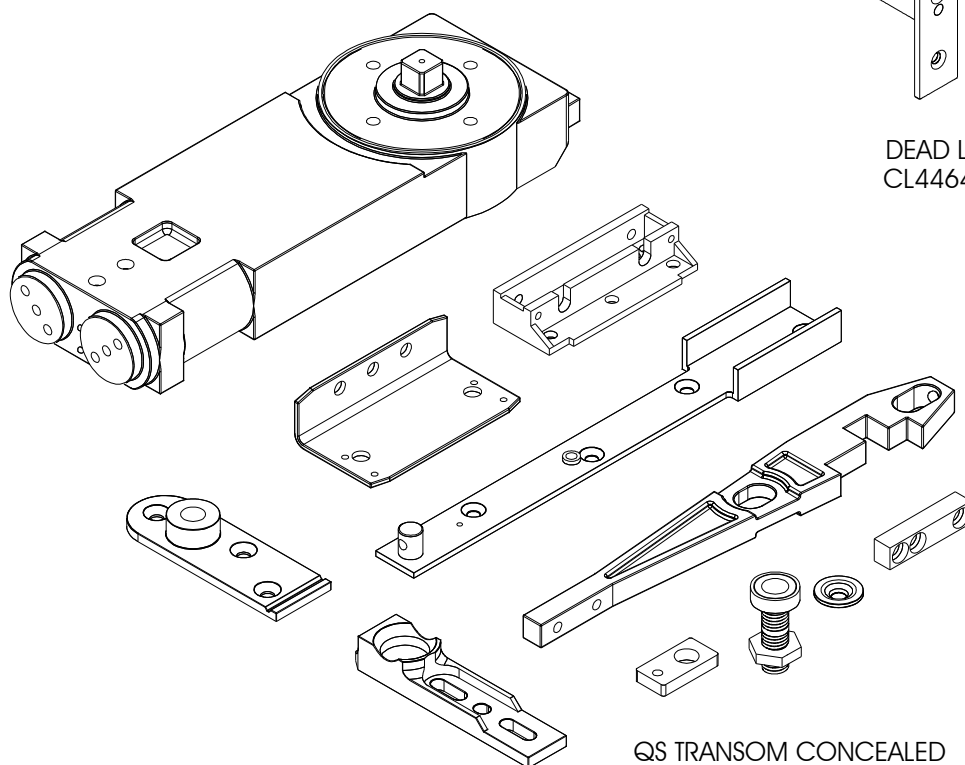
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR INSERT HARDWARE IDENTIFICATION



O/SET TUBULAR HANDLE
HNDD25300N



DEAD LOCK 25mm
CL44640/25



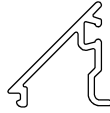
QS TRANSOM CONCEALED
DOOR CLOSER
CC900

CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR BUTTERFLY GASKET AND WEDGE CODES

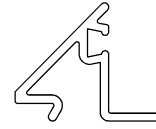


BUTTERFLY GASKET

●-B010



W31142 BEAD



W30468 BEAD



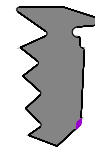
●-W01G



●-W02B

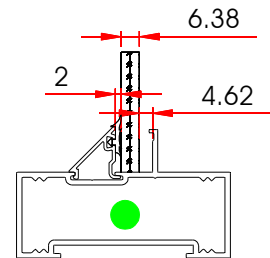
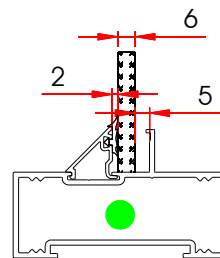
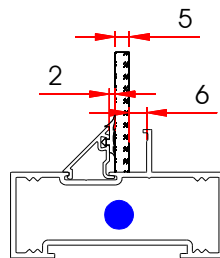
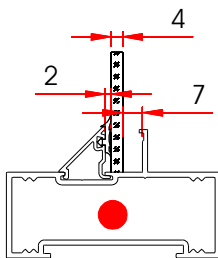


●-W03R

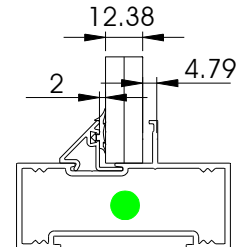
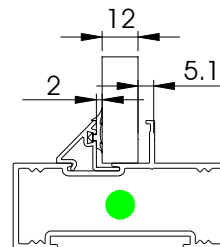
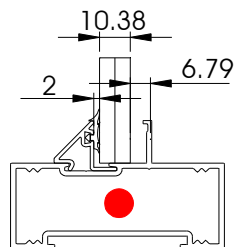
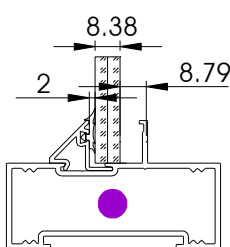


●-W05P

WEDGES

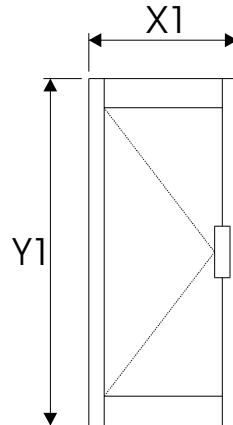


CLIP 44 WITH W31142 BEAD



CLIP 44 WITH W30468 BEAD

CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR LEAF SIZE LIMITATION GUIDE



WHEN USING 45mm DOOR JAMB (EG. W44085 - R1 DOOR JAMB)

MAXIMUM DOOR LEAF WIDTH: X1 = 1000mm
MAXIMUM DOOR LEAF HEIGHT: Y1 = 2200mm

WHEN USING 60mm DOOR JAMB (EG. W53666 - R11W DOOR JAMB)

MAXIMUM DOOR LEAF WIDTH: X1 = 1100mm
MAXIMUM DOOR LEAF HEIGHT: Y1 = 2400mm

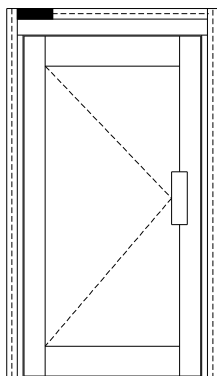
WHEN USING 90mm DOOR JAMB (EG. W53407 - R9W DOOR JAMB)

MAXIMUM DOOR LEAF WIDTH: X1 = 1200mm
MAXIMUM DOOR LEAF HEIGHT: Y1 = 2600mm

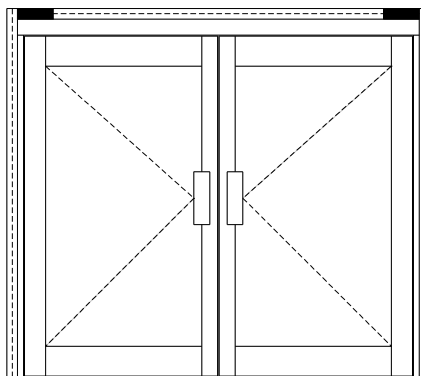
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR TYPICAL CONFIGURATIONS



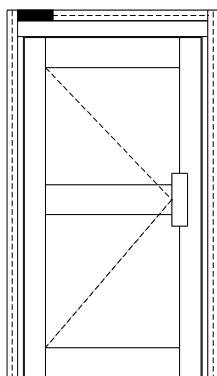
SINGLE OVERHEAD DOOR
CLOSER DOOR



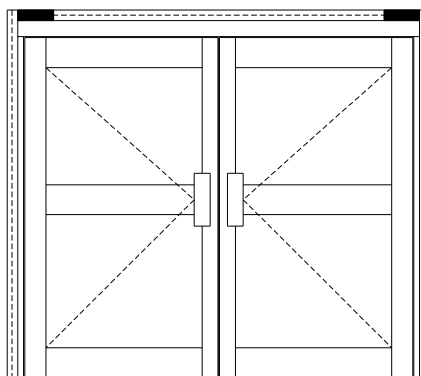
DOUBLE OVERHEAD DOOR
CLOSER DOOR



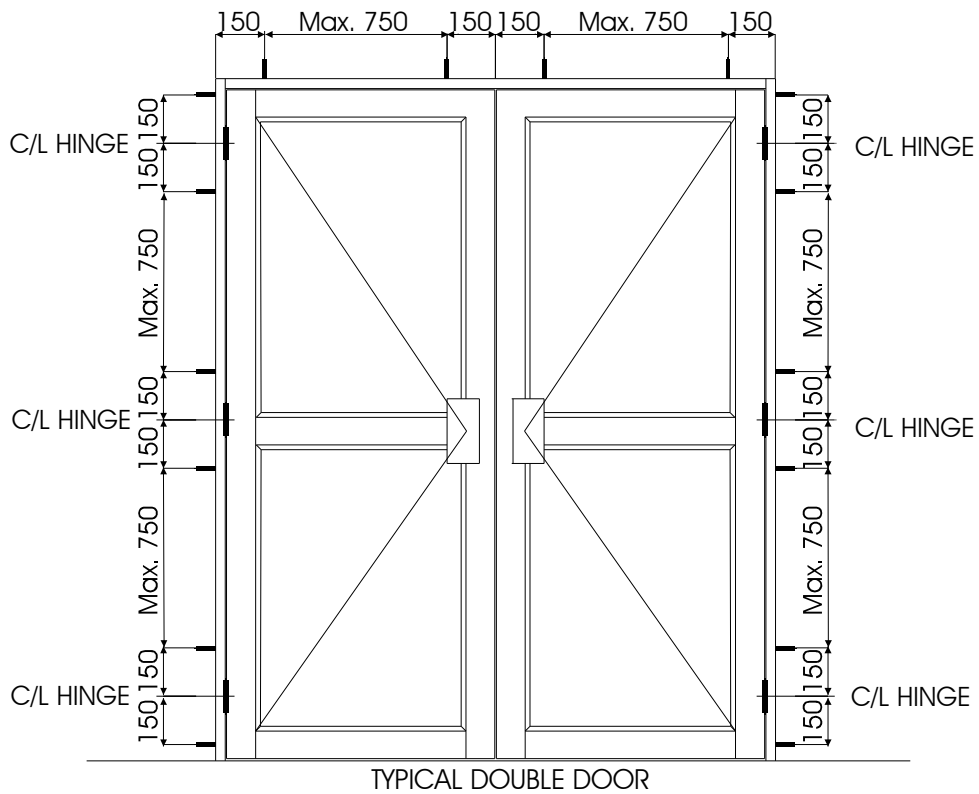
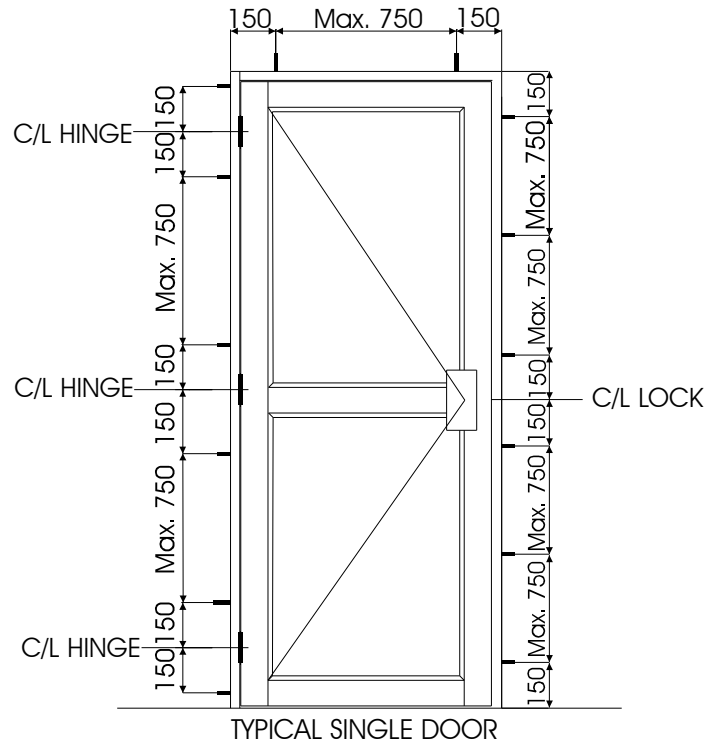
SINGLE OVERHEAD DOOR
CLOSER DOOR WITH MIDRAIL



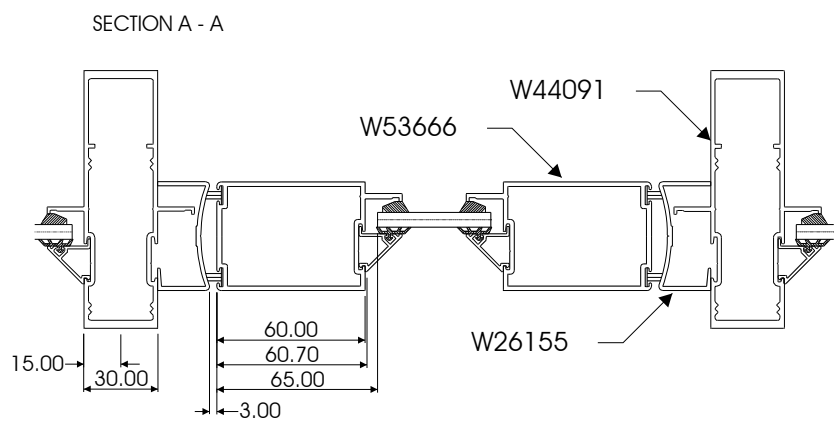
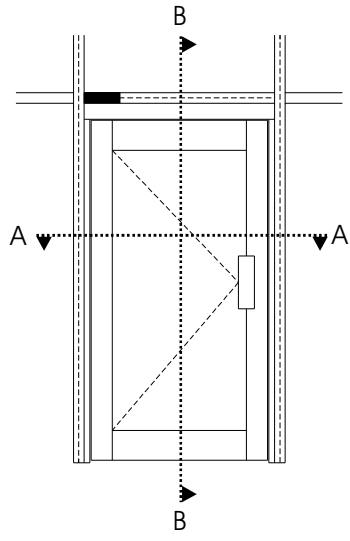
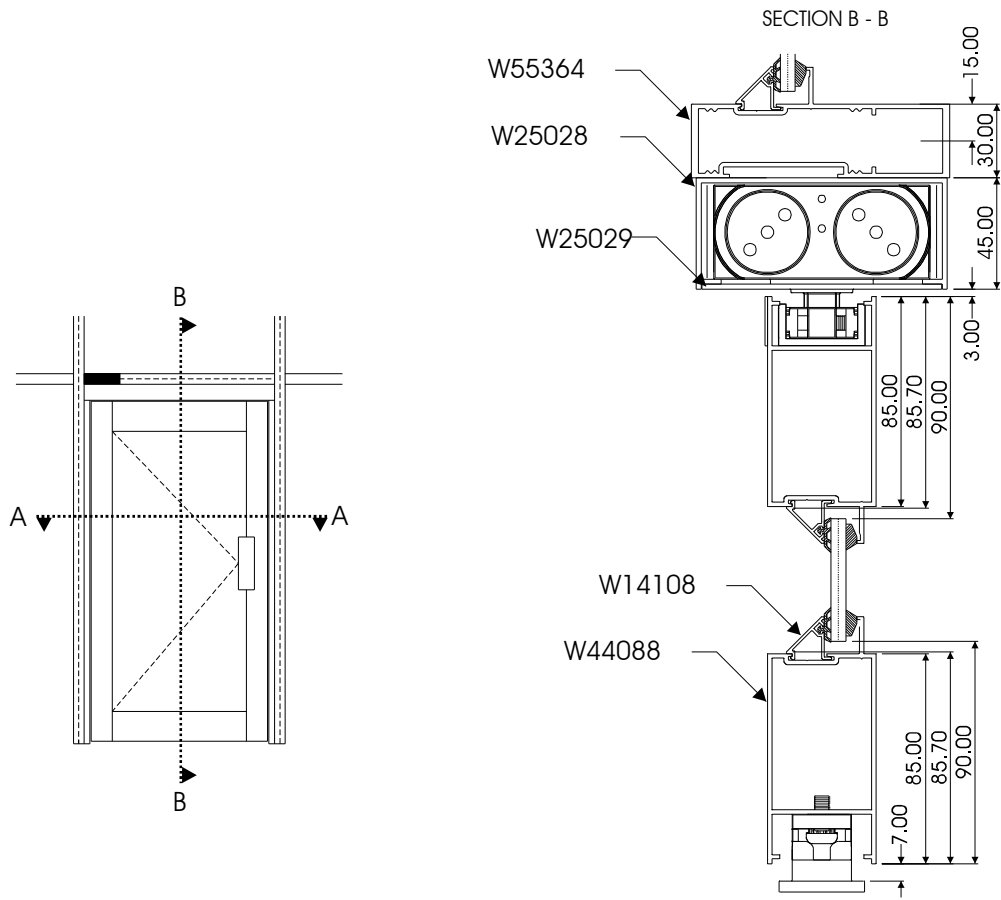
DOUBLE OVERHEAD DOOR
CLOSER DOOR WITH MIDRAIL



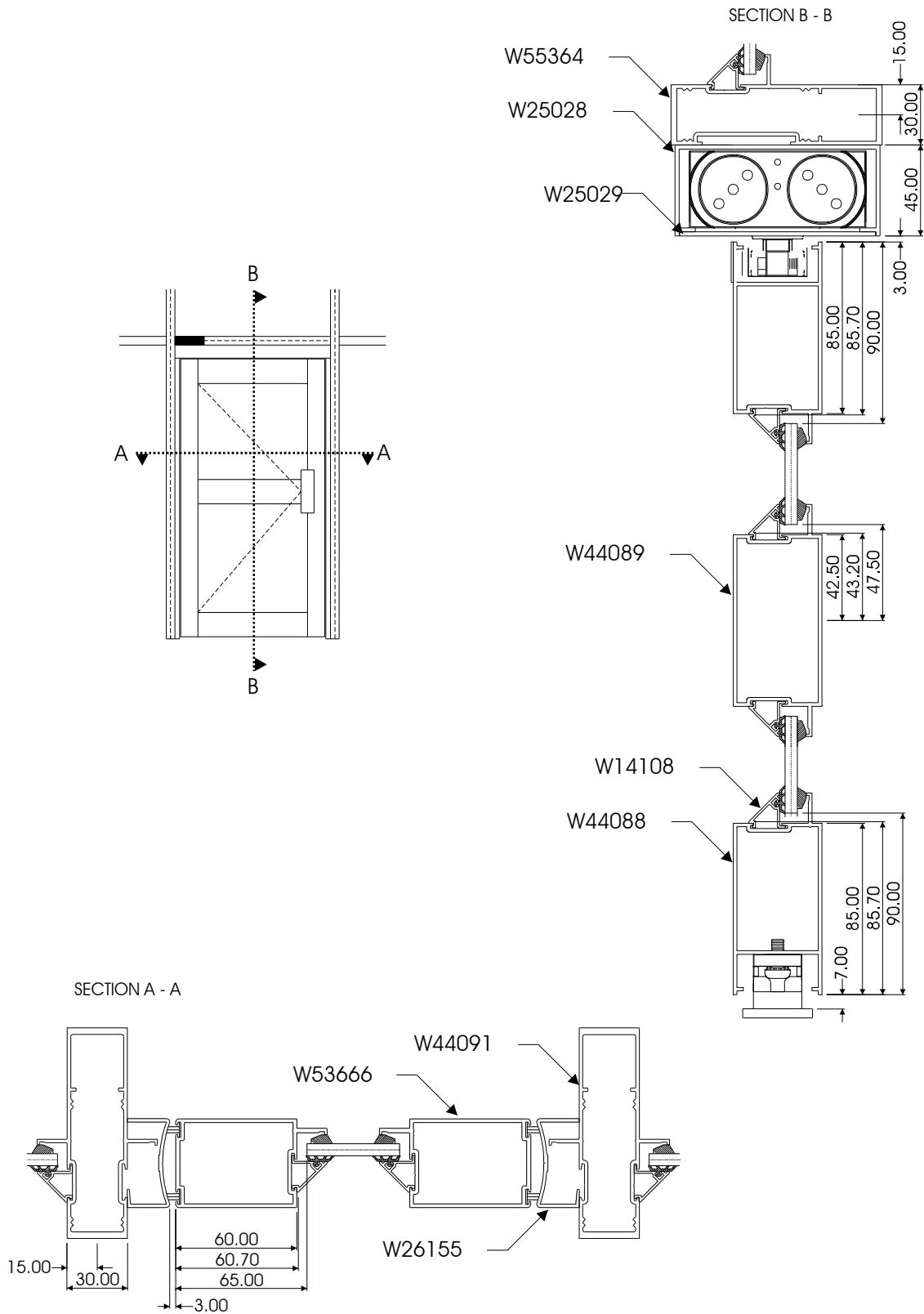
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR FIXING DETAILS



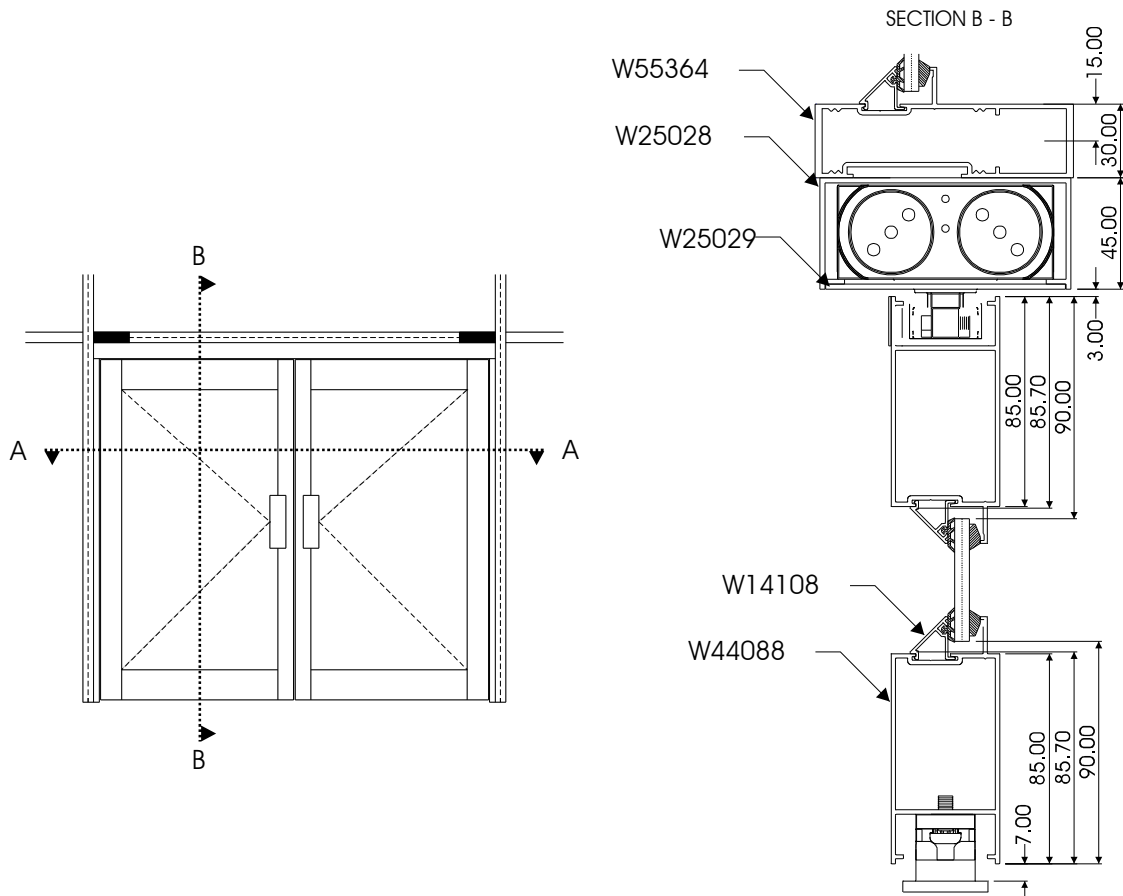
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR CROSS SECTIONAL DETAIL



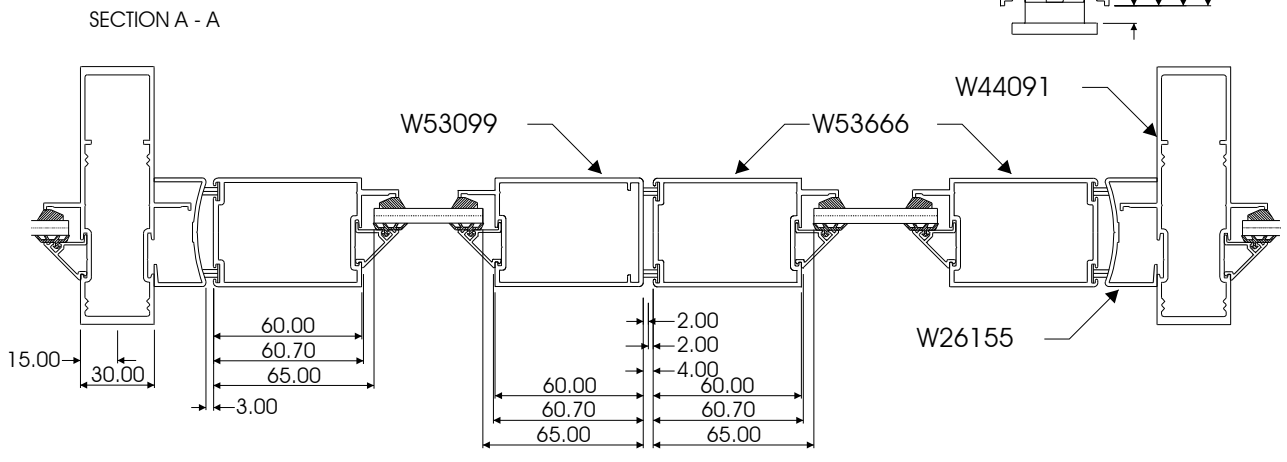
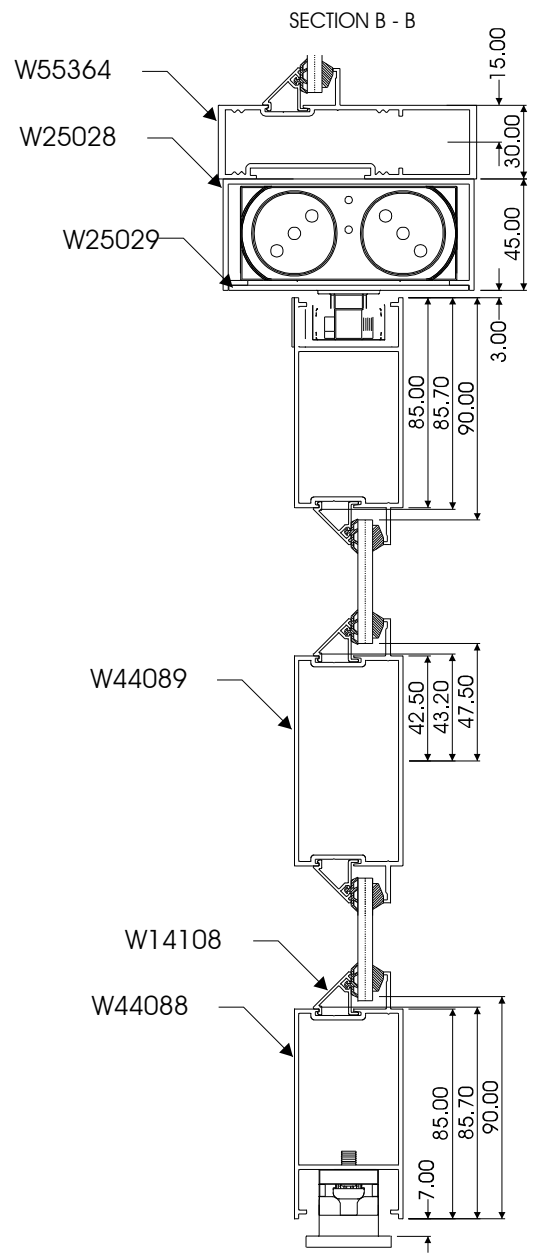
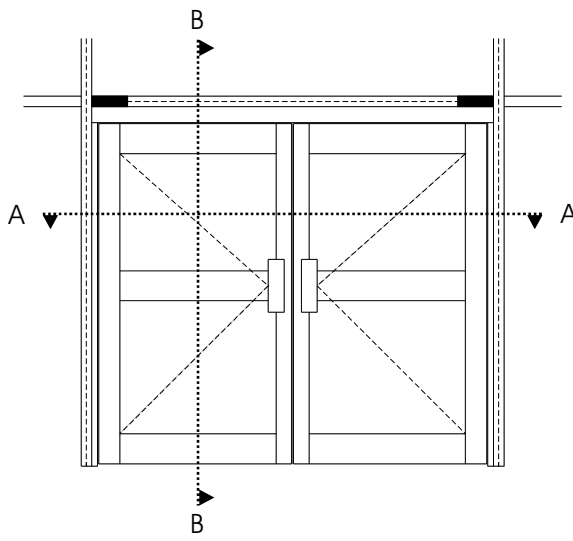
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR WITH MIDRAIL CROSS SECTIONAL DETAIL



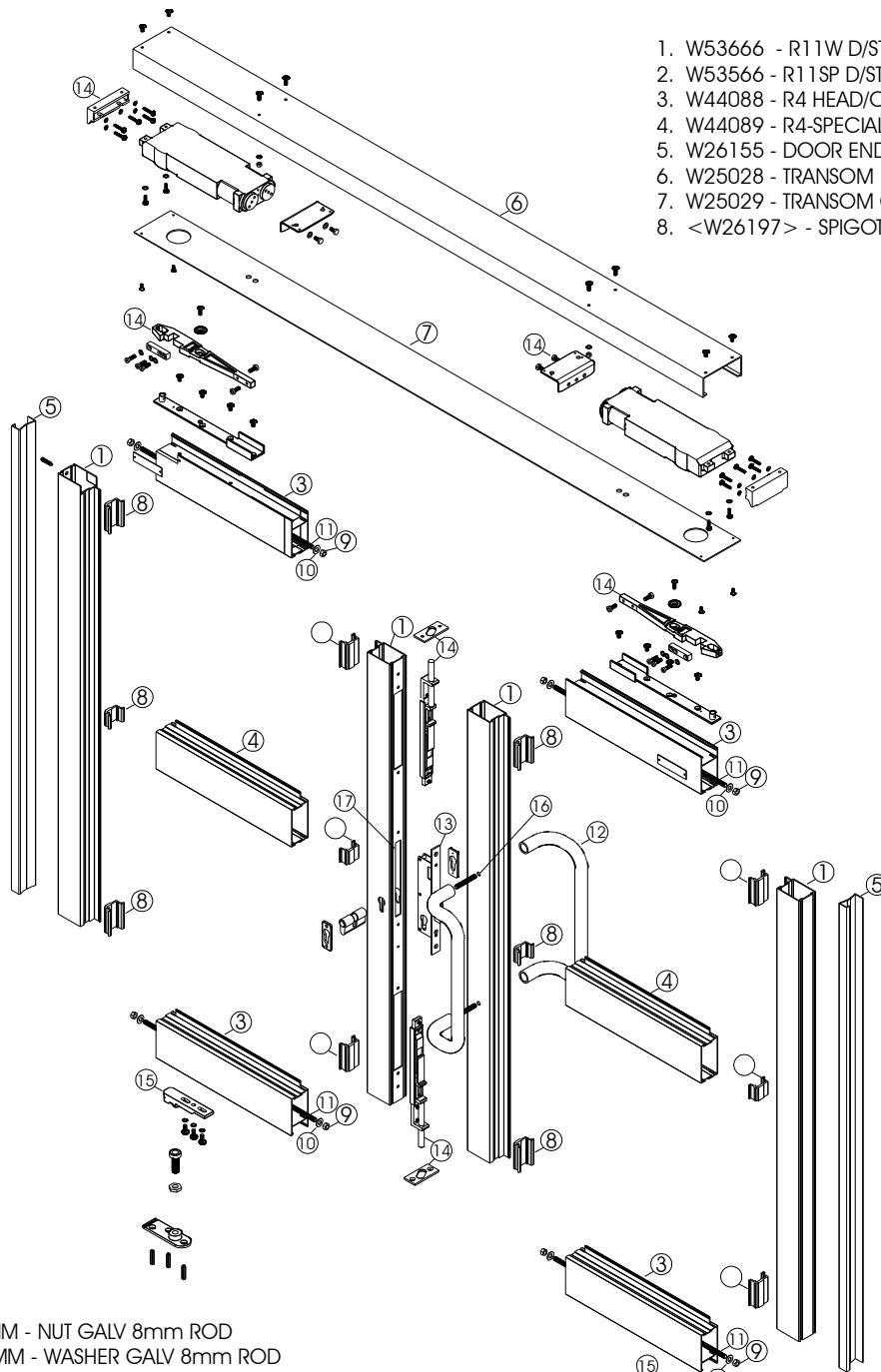
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR CROSS SECTIONAL DETAIL



CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 WITH MIDRAIL
 CROSS SECTIONAL DETAIL



CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR COMPONENT ASSEMBLY DETAIL



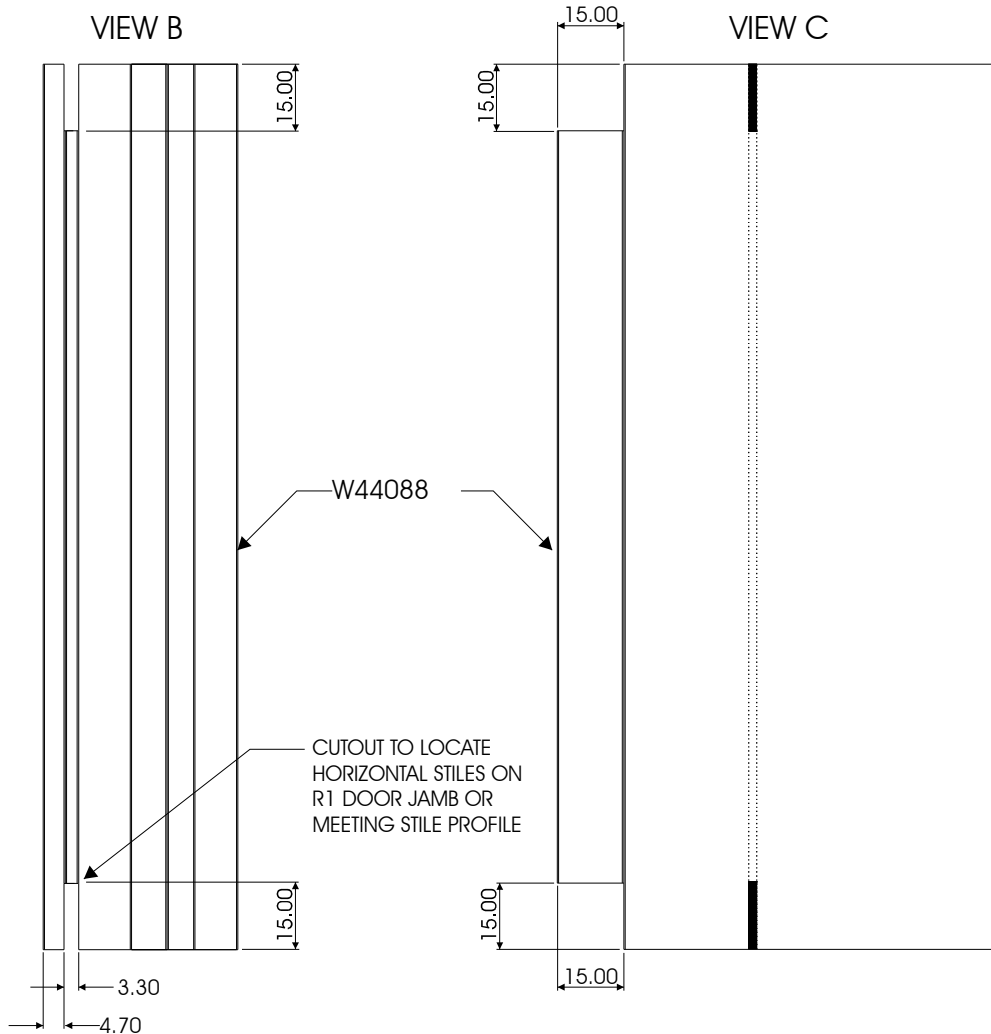
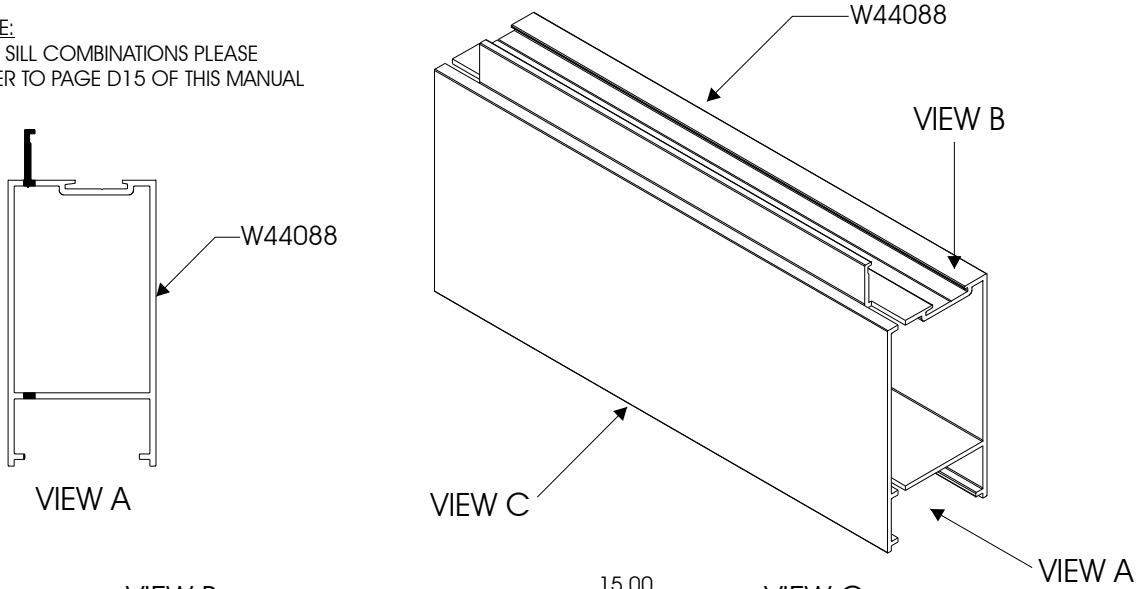
1. W53666 - R11W D/STILE 60mm W/PILE
2. W53566 - R11SP D/STILE 60mm
3. W44088 - R4 HEAD/CILL RAIL 85mm
4. W44089 - R4-SPECIAL MID RAIL 85mm
5. W26155 - DOOR END STYLE FOR PIVOT
6. W25028 - TRANSOM
7. W25029 - TRANSOM COVER
8. <W26197> - SPIGOT

9. NVT8MM - NUT GALV 8mm ROD
10. WSH8MM - WASHER GALV 8mm ROD
11. TR8MM - 8mm THREADED ROD GALV 3M
12. HNDD25300N - O/SET TUBULAR HANDLE
13. CL44640/25 - DEAD LOCK 25mm
14. FBNAT - FLUSH BOLT NAT ALUFAB 150X19mm
15. CC900 - QS TRANSOM CONCEALED DOOR CLOSER
16. HANDLE MACHINING DETAIL SEE PAGE D23
17. LOCK MACHINING DETAIL SEE PAGE D24
18. CC900 MACHINING DETAIL SEE PAGE D26 - D29

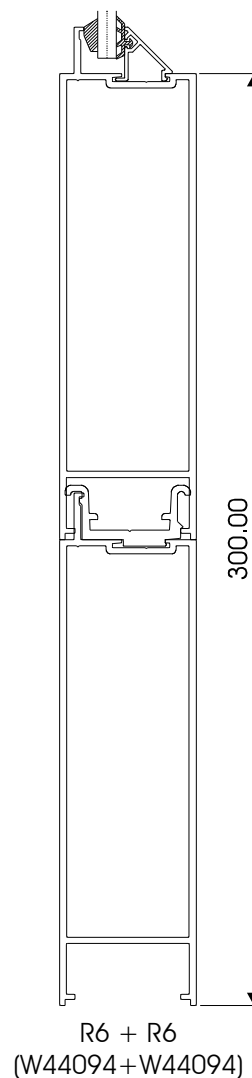
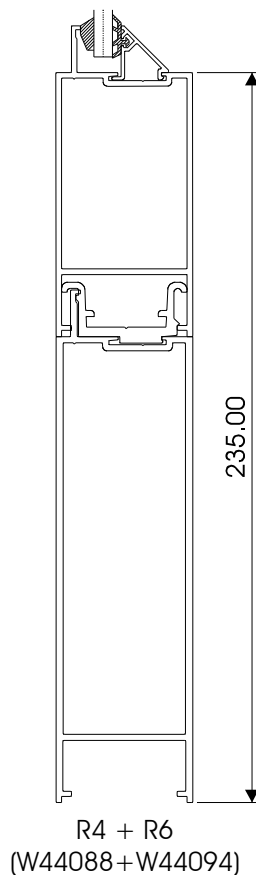
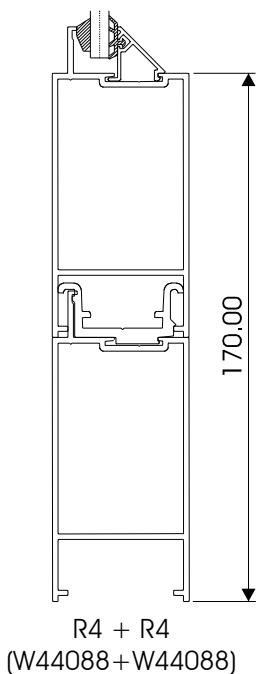
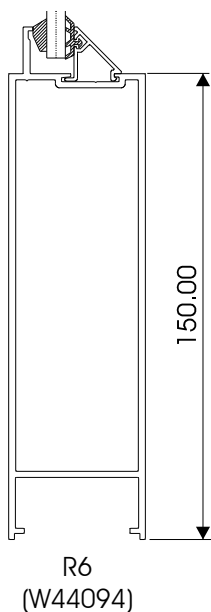
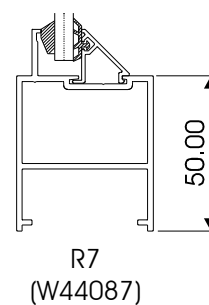
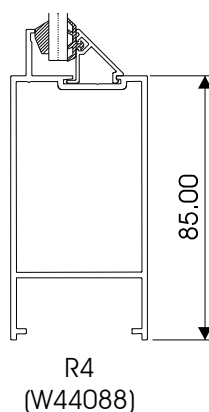
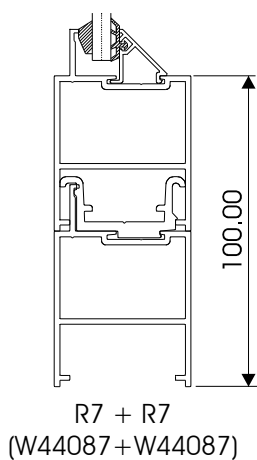
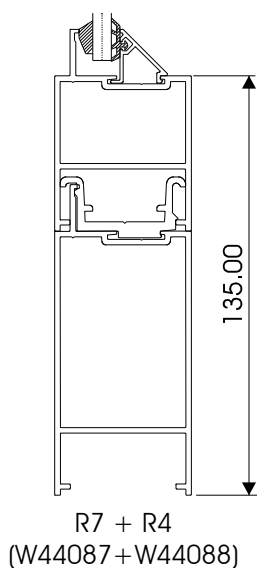
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR SILL MACHINING DETAIL TO SUIT ALL SILL COMBINATIONS



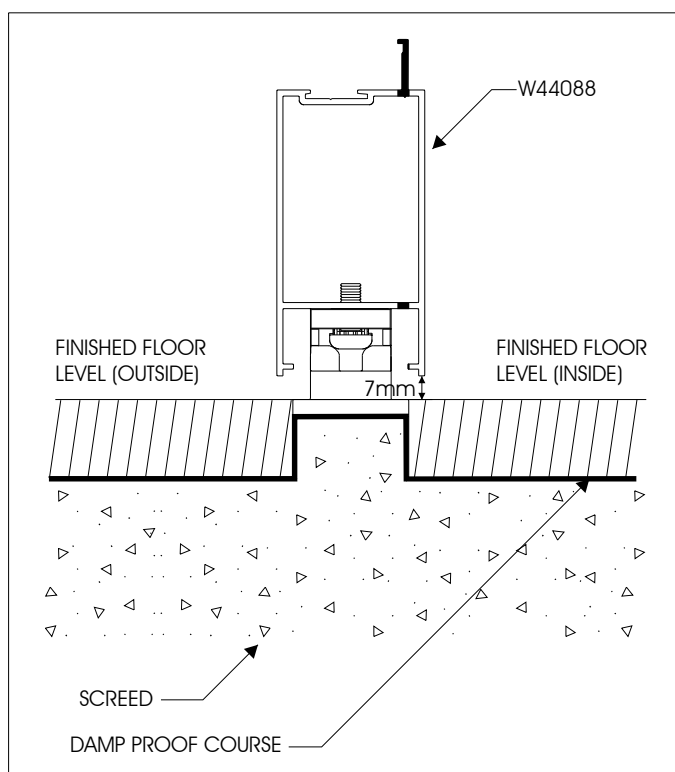
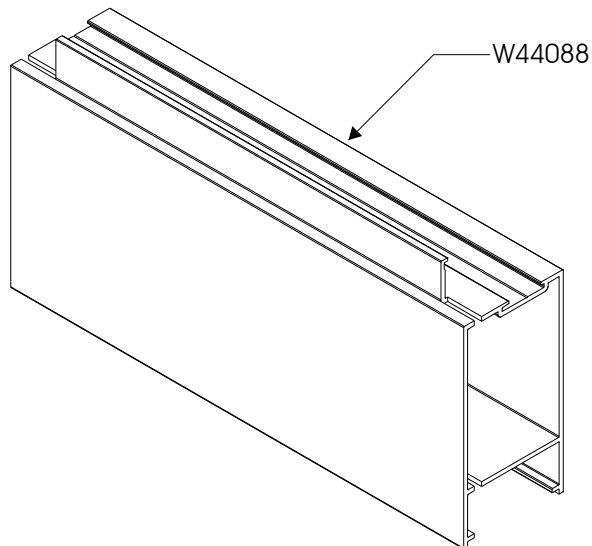
NOTE:
FOR SILL COMBINATIONS PLEASE
REFER TO PAGE D15 OF THIS MANUAL



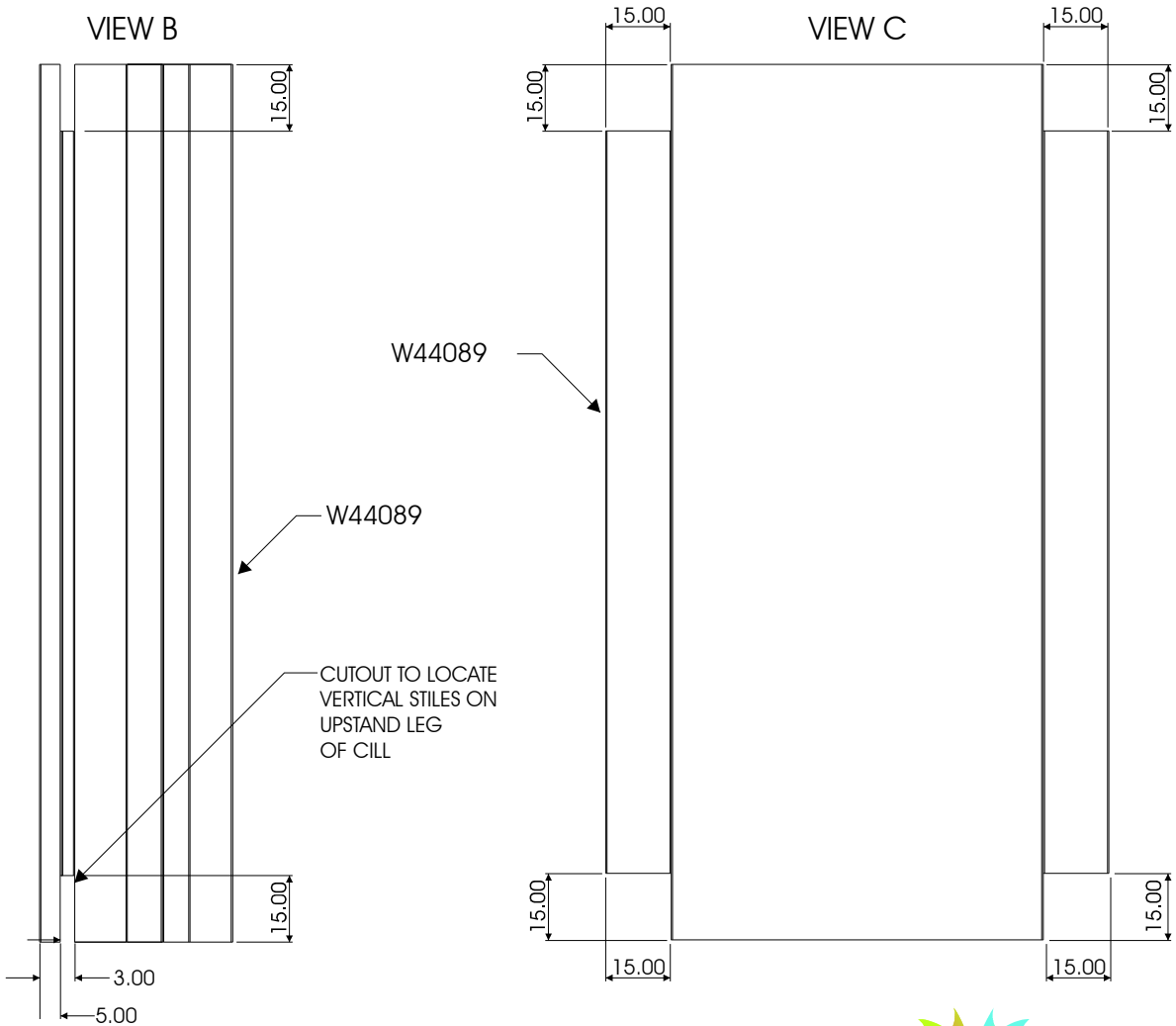
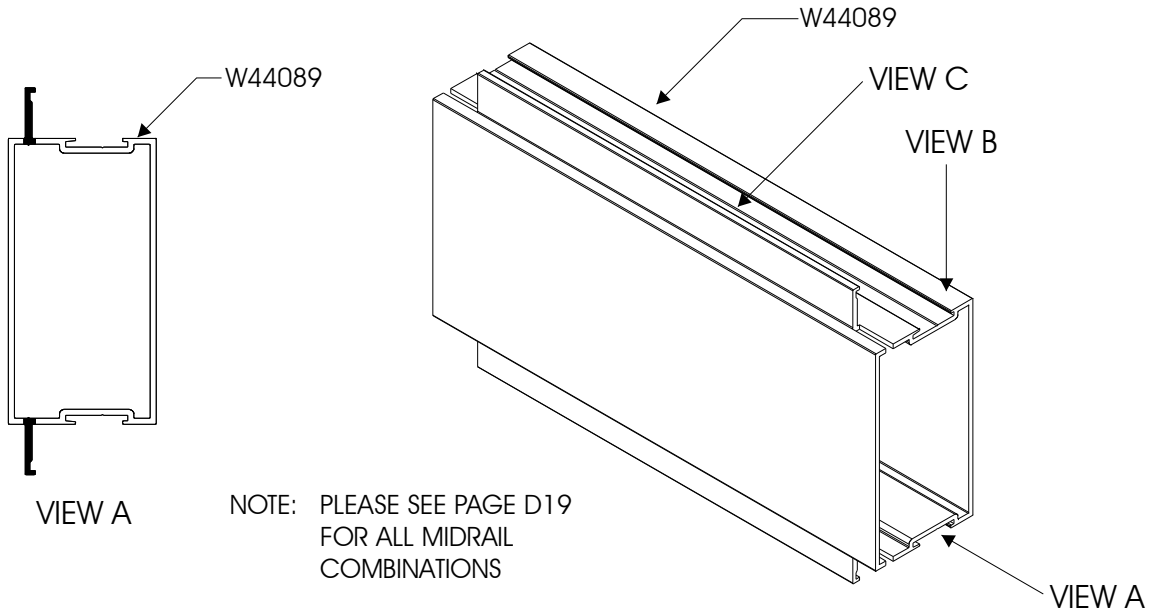
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR SILL COMBINATIONS



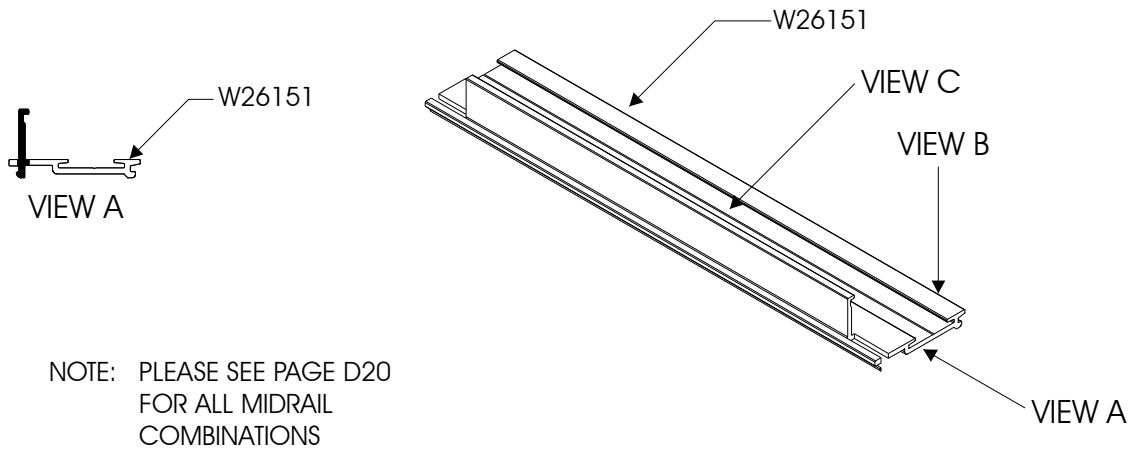
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR SILL FLOOR LEVEL DETAIL



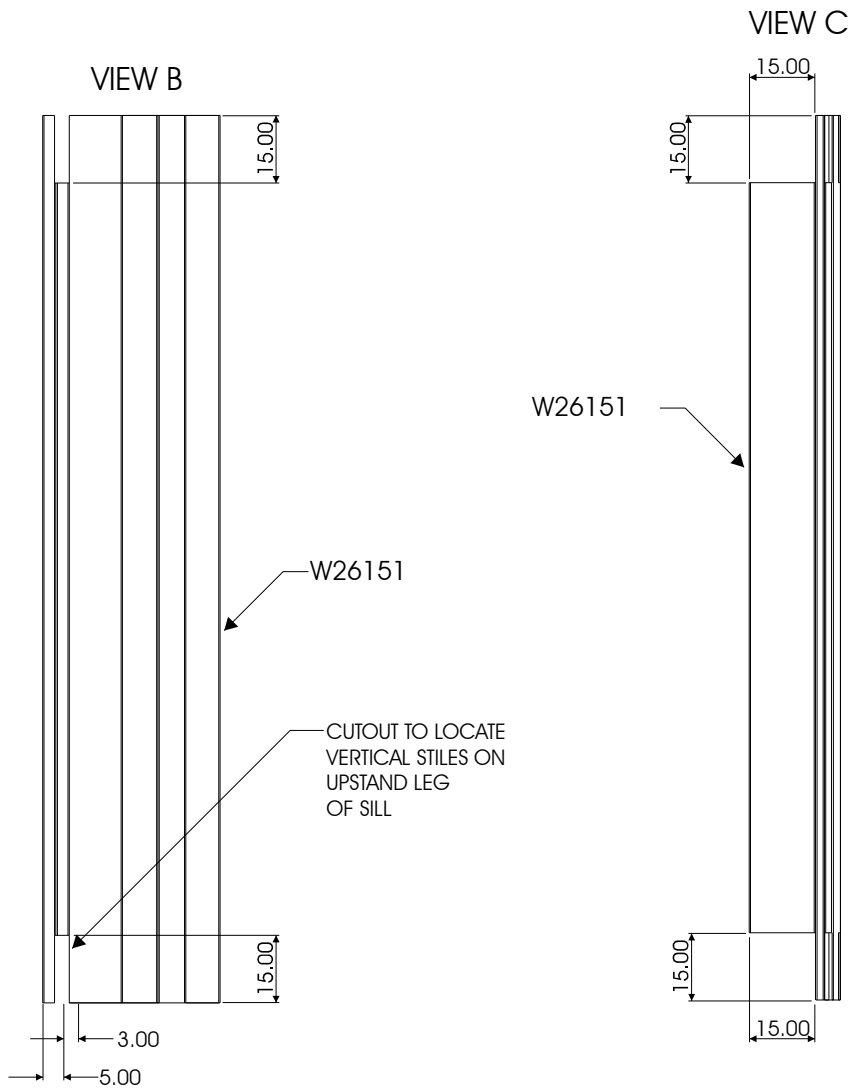
CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 MIDRAIL MACHINING DETAIL
 TO SUIT ALL COMBINATIONS



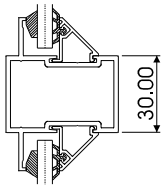
CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 R4 FILLER ADAPTOR
 MACHINING DETAIL



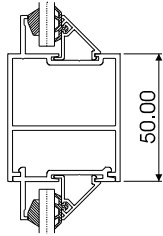
NOTE: PLEASE SEE PAGE D20
 FOR ALL MIDRAIL
 COMBINATIONS



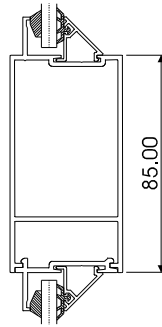
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR MIDRAIL COMBINATIONS



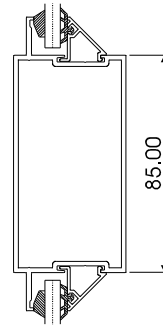
W44
(W53033)



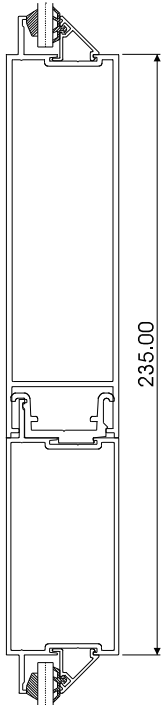
R7 + R4 FILLER
(W44087+W26151)



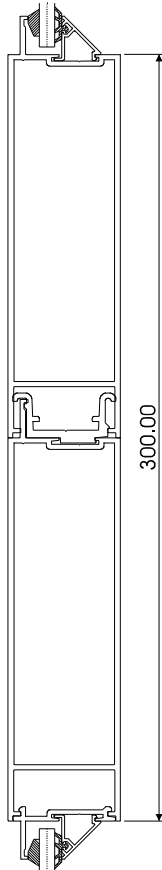
R4 + R4 FILLER
(W44088+W26151)



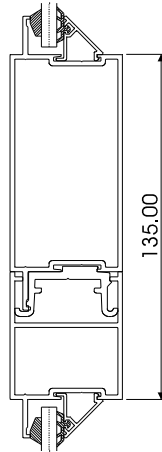
R4SP
(W44089)



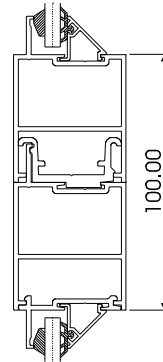
R6 + R4SP
(W44094+W44089)



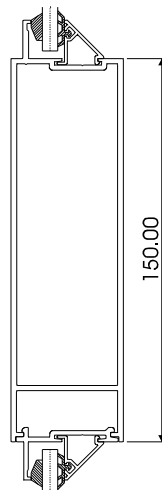
R6 + R6 + R4 FILLER
(W44094+W44094+W26151)



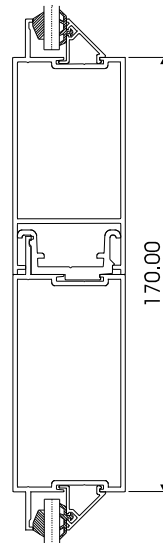
R7 + R4SP
(W44087+W44089)



R7 + R7 + R4 FILLER
(W44087+W44087+W26151)



R6 + R4 FILLER
(W44094+W26151)

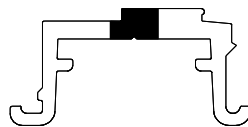
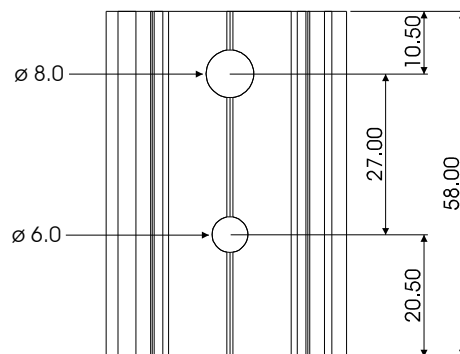
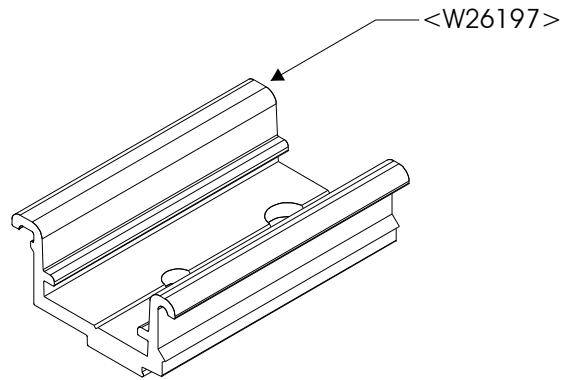


R4 + R4SP
(W44088+W44089)

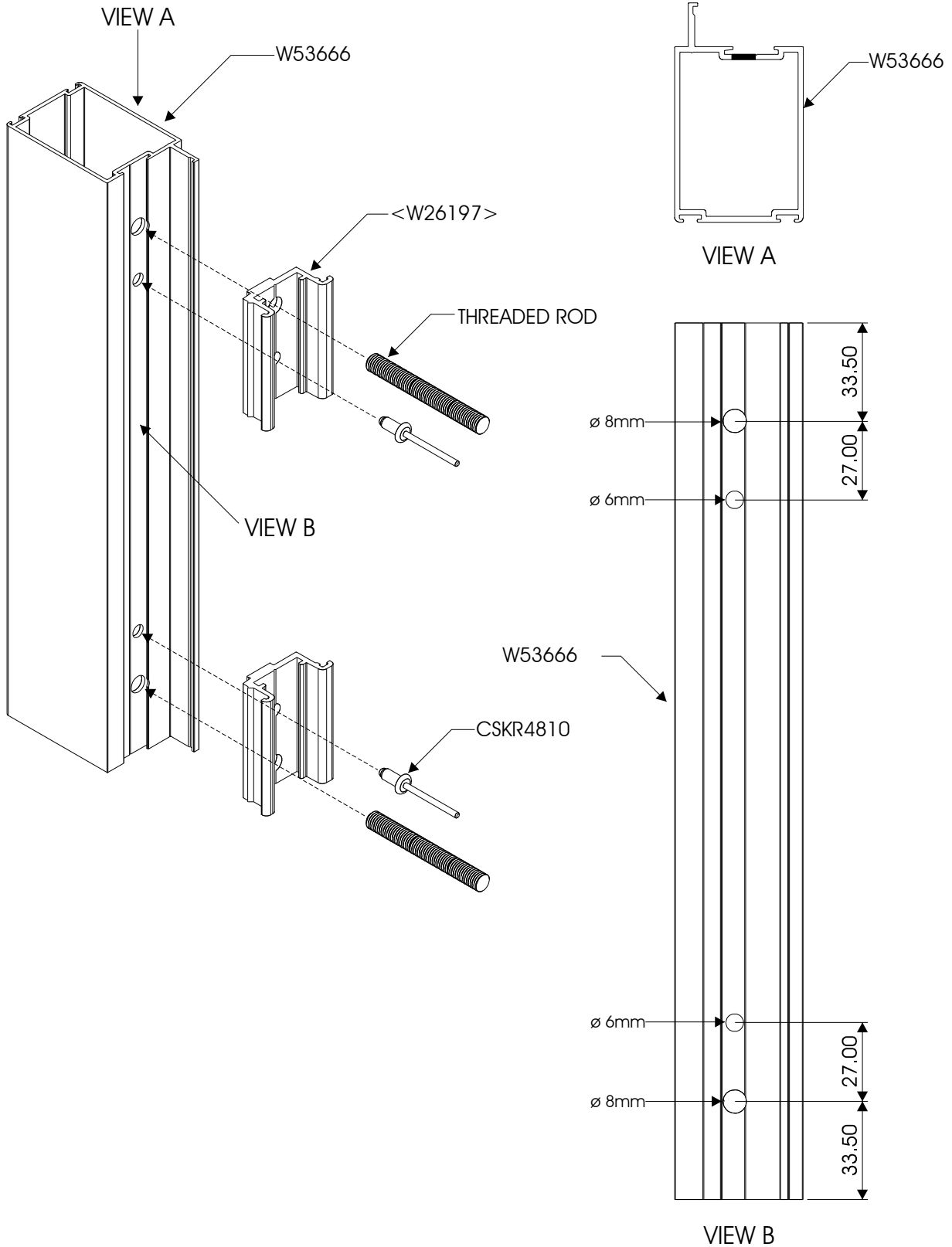
CLIP44 SHOPFRONT SYSTEM
OVERHEAD DOOR CLOSER DOOR
SPIGOT MACHINING DETAIL



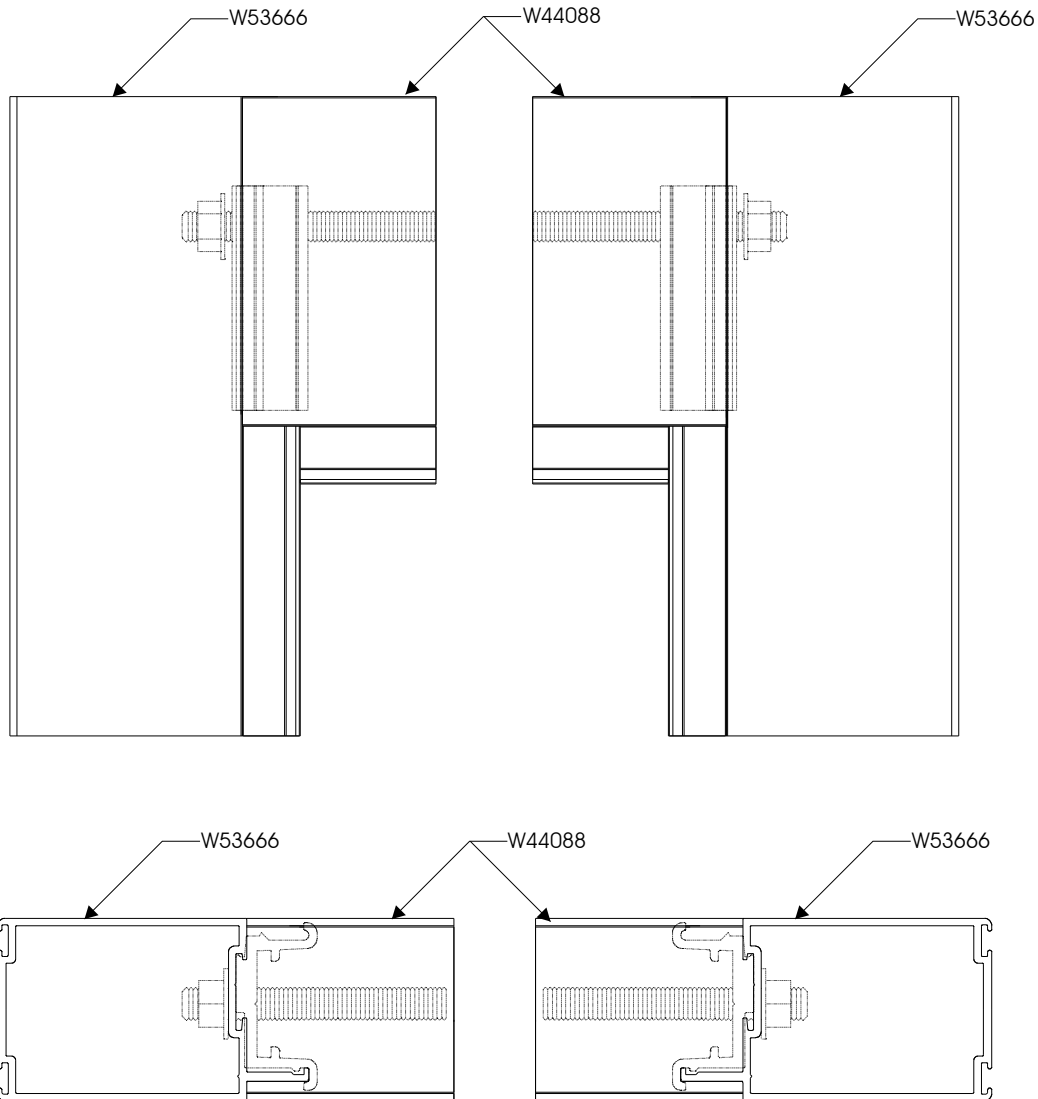
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CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 DOOR STILE MACHINING DETAIL



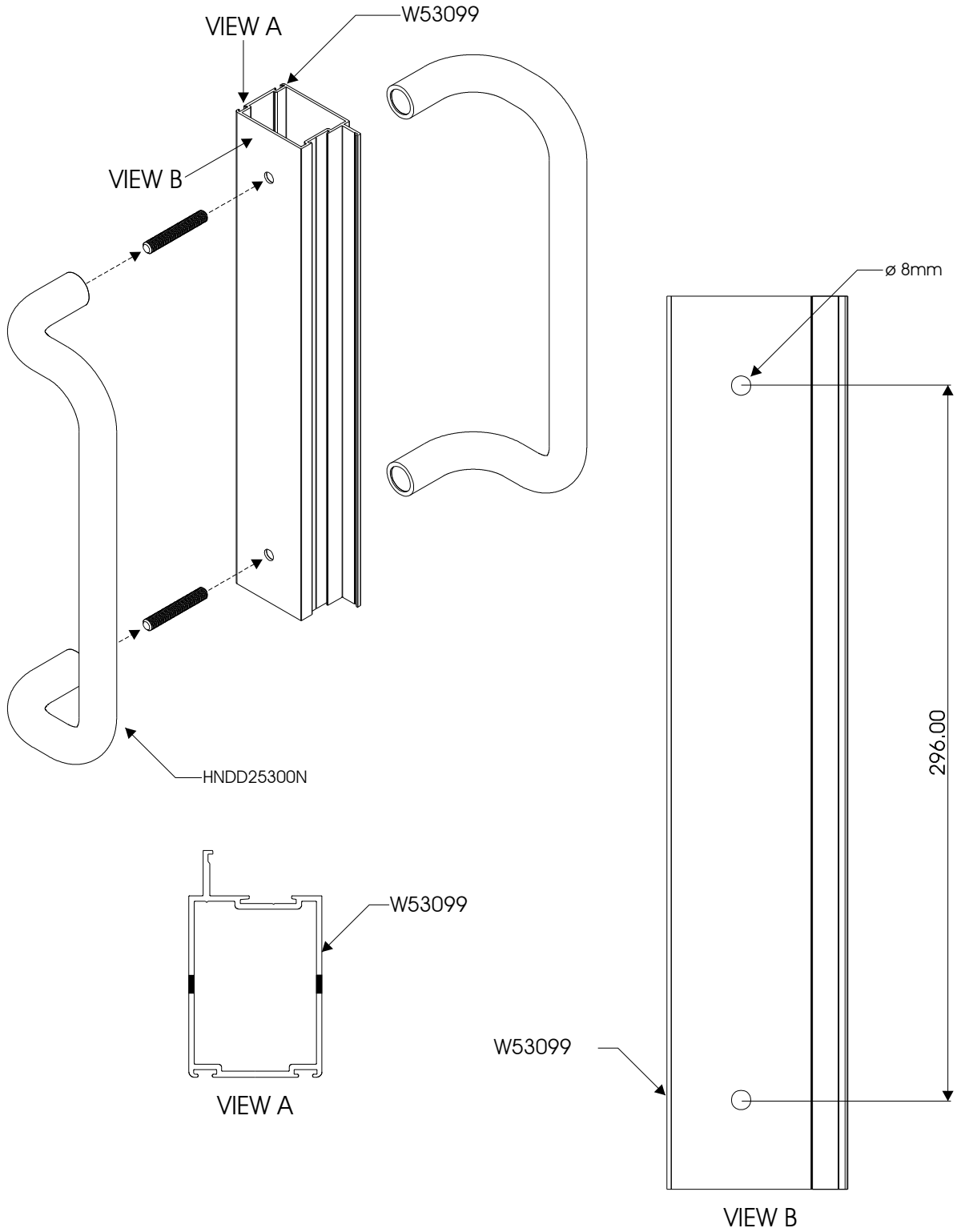
CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR ROD & SPIGOT ASSEMBLY DETAIL



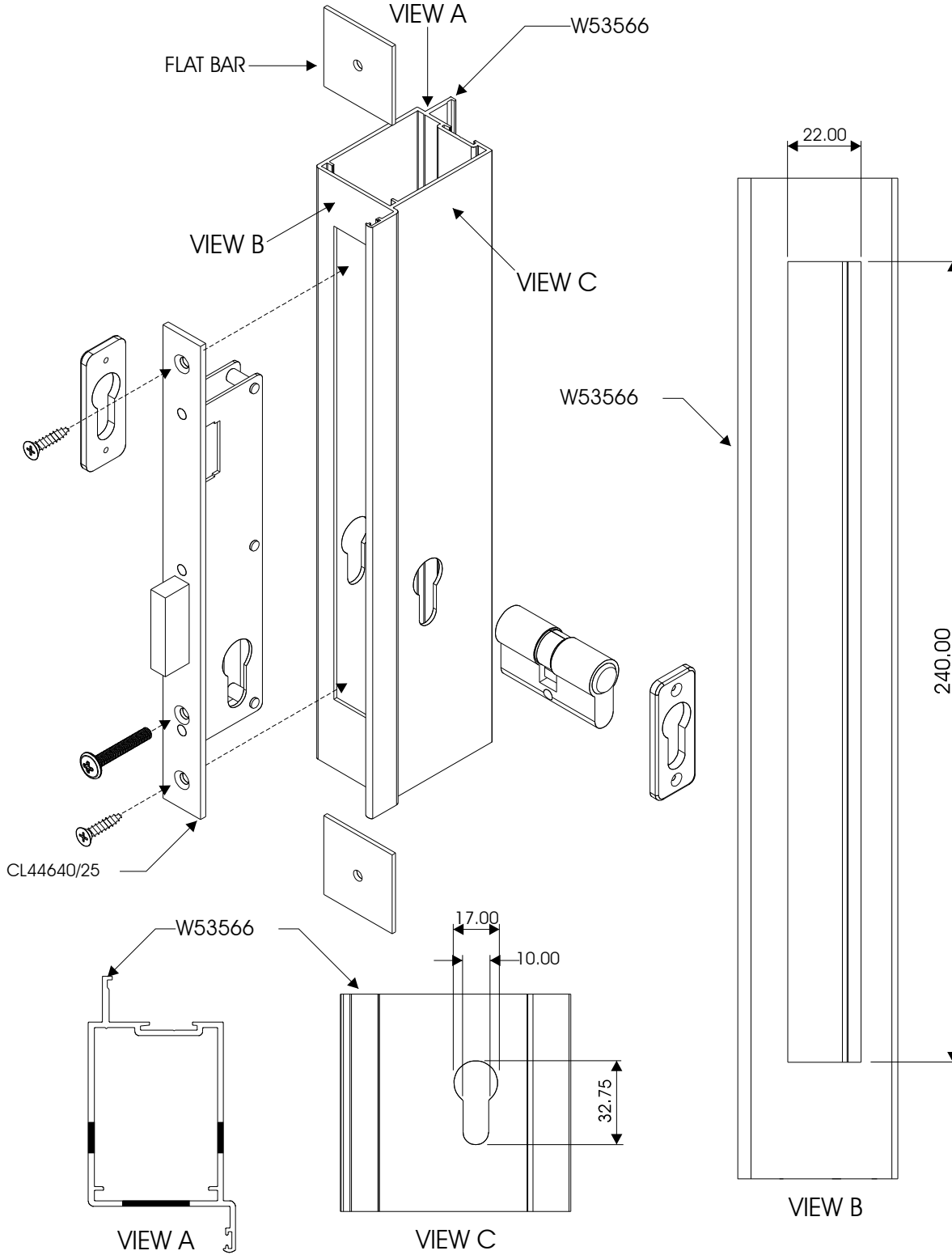
DETAIL TYPICAL TO HEAD AND SILL OF HINGED DOOR

1. ATTACH SPIGOTS TO STILES WITH NO 8 FIXING SCREWS (STPPS830)
2. FASTEN STILES TO TOP AND BOTTOM RAILS WITH NUTS (NVT8MM) AND THREADED RODS (TR8MM), USE WASHERS (WSH8MM).
3. ENSURE ALL MATING JOINTS ARE BEDDED IN SEALANT BEFORE ASSEMBLY.

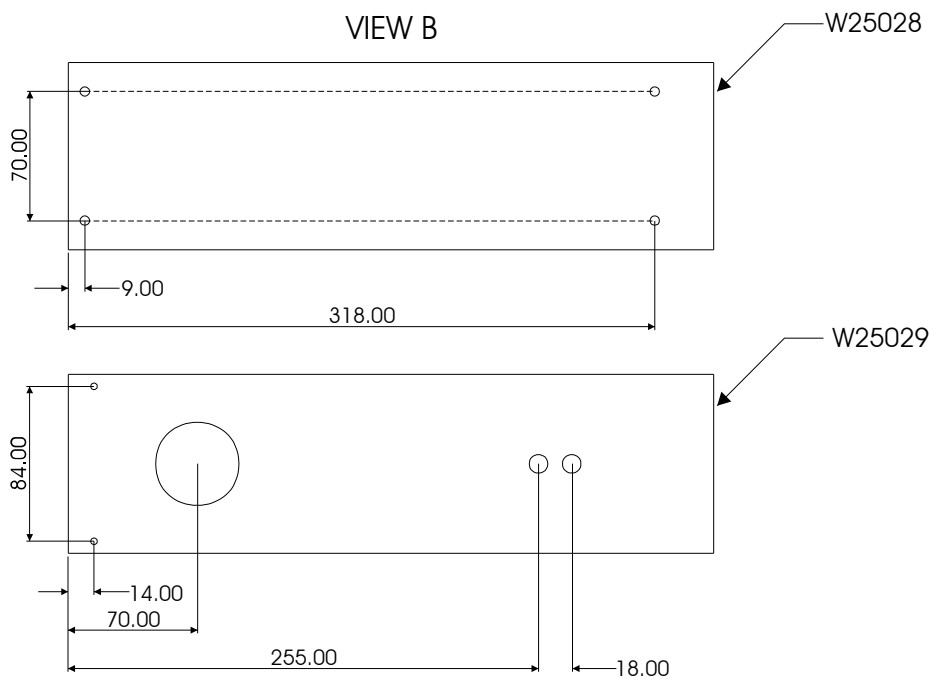
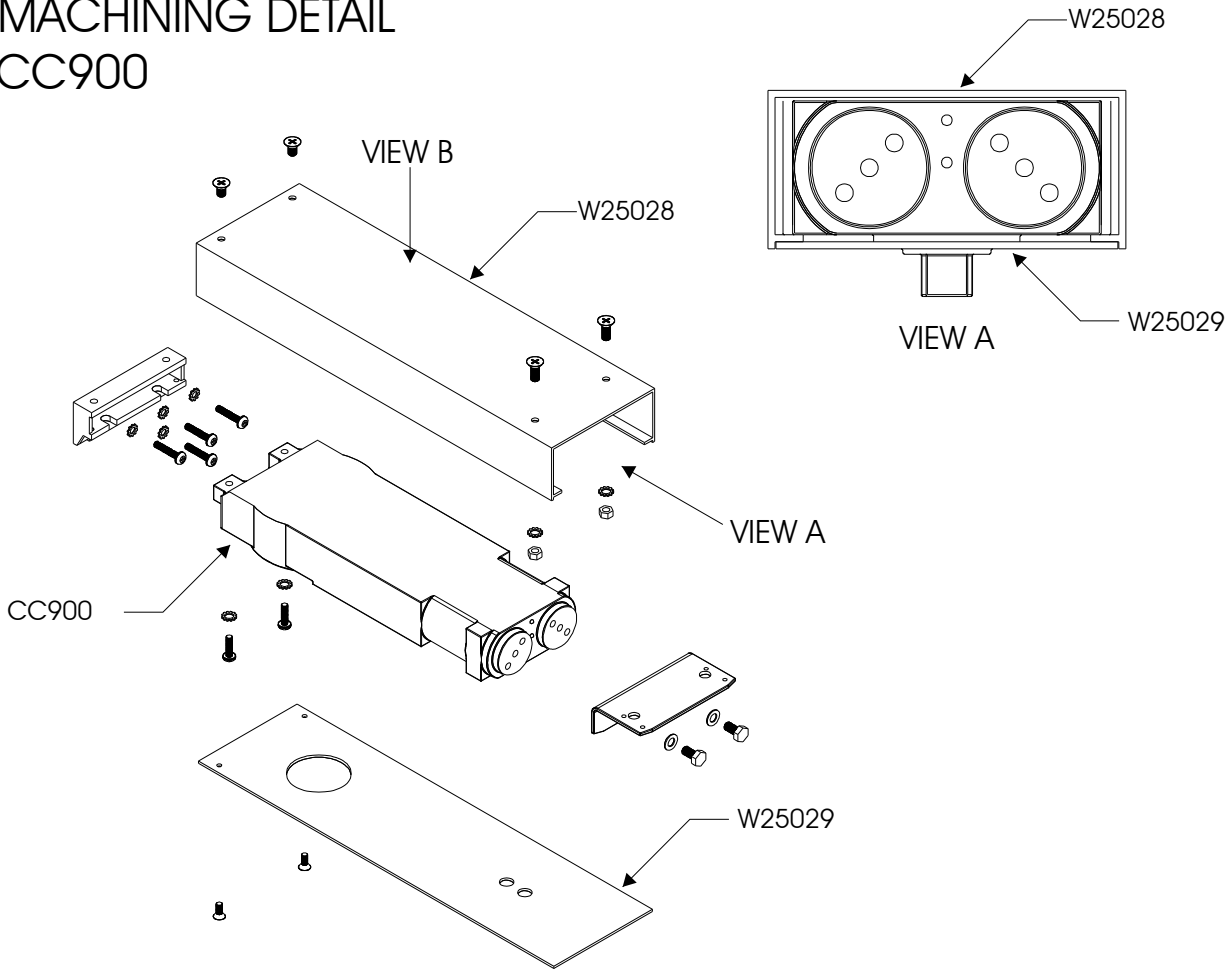
CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 HANDLE MACHINING DETAIL
 HNDD25300N



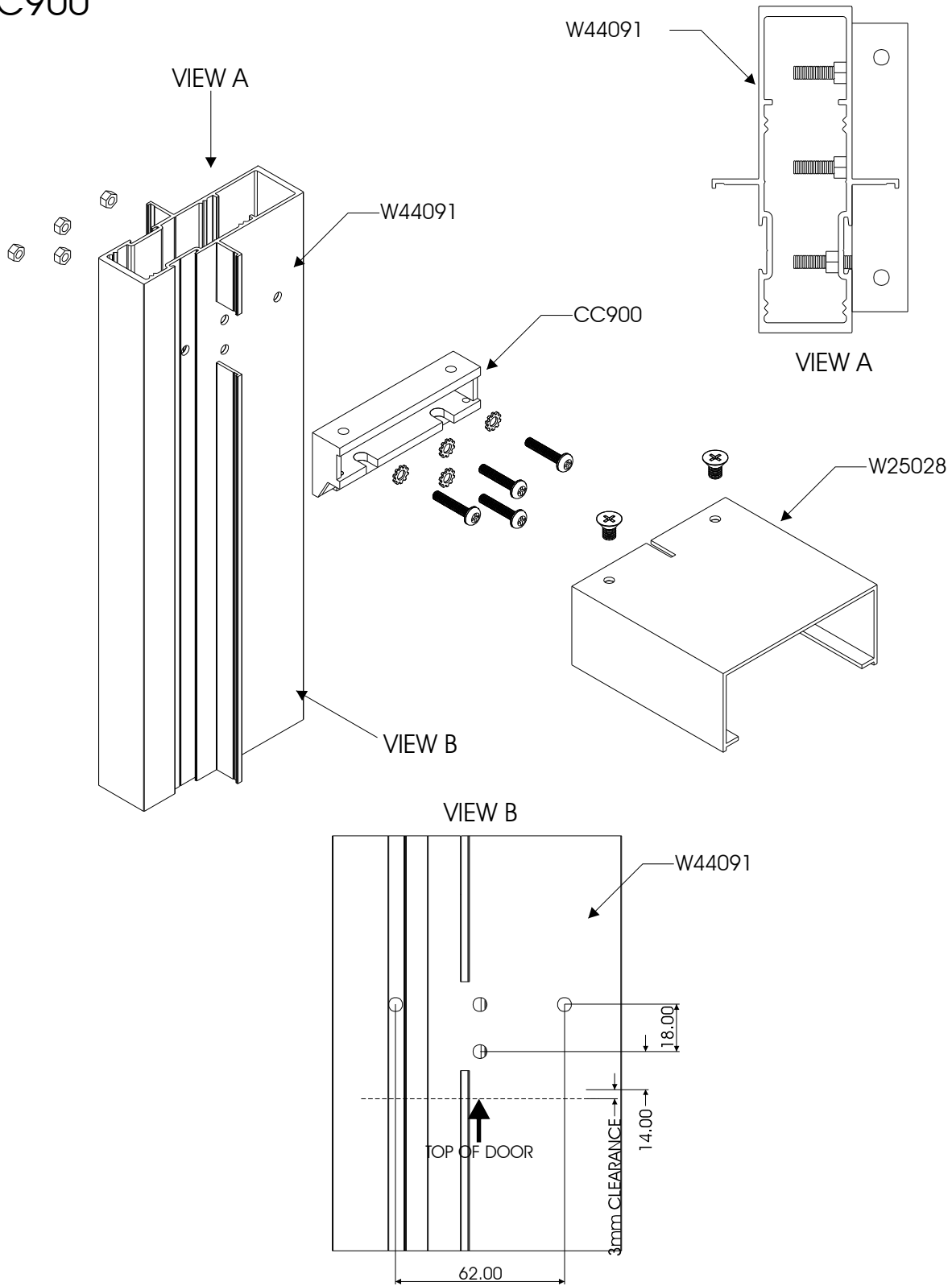
CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 MEETING STILE MACHINING DETAIL
 FOR LOCK CL44640/25



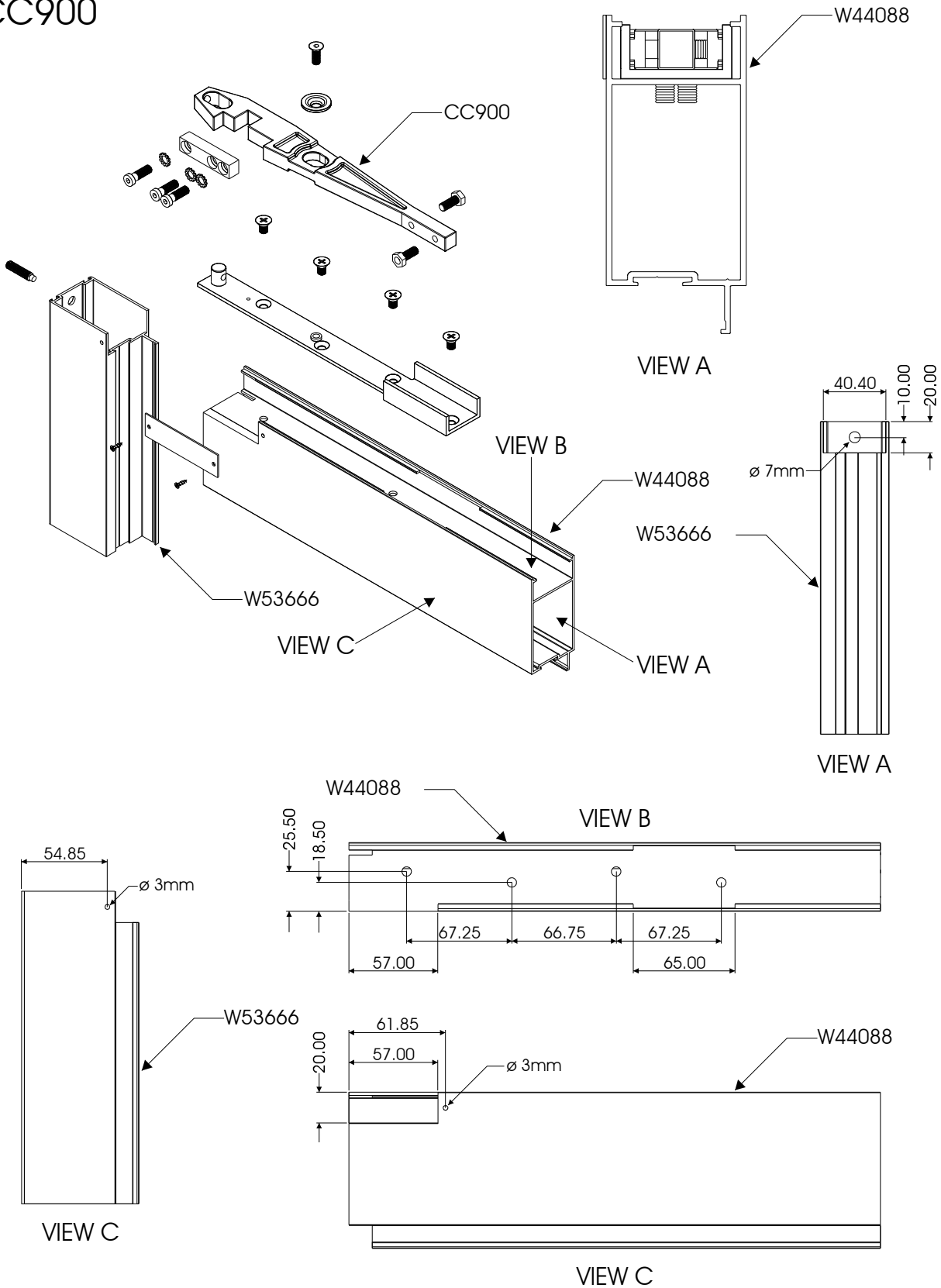
CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 TRANSOM & TRANSOM COVER
 MACHINING DETAIL
 CC900



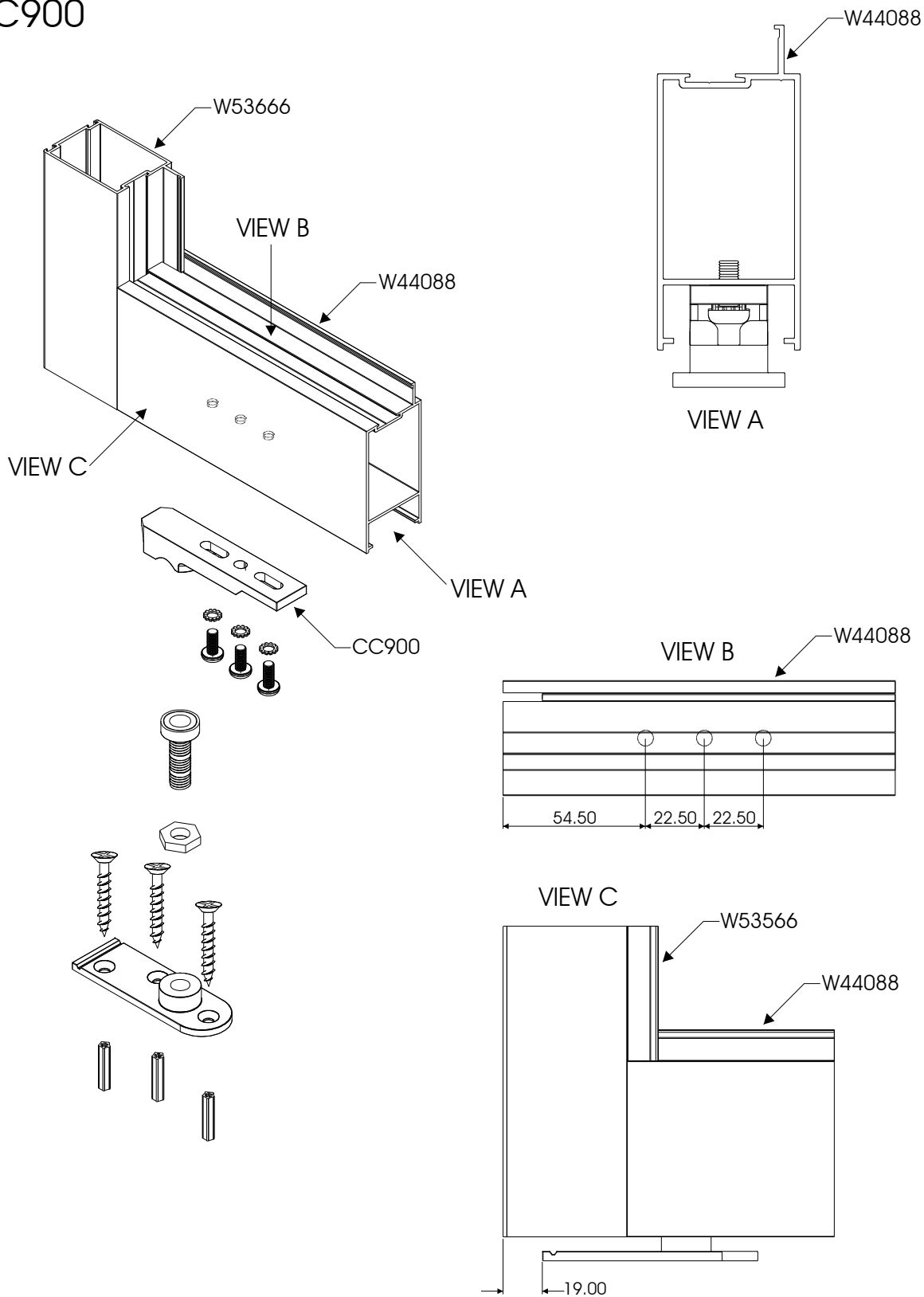
CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 JAMB MACHINING DETAIL
 CC900



CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR HEAD MACHINING DETAIL CC900



CLIP44 SHOPFRONT SYSTEM
 OVERHEAD DOOR CLOSER DOOR
 SILL MACHINING DETAIL
 CC900



CLIP44 SHOPFRONT SYSTEM OVERHEAD DOOR CLOSER DOOR SETTING BLOCK LOCATION



GLAZING

1. SELECTION OF GLAZING METHODS

1.1 SETTING AND LOCATION BLOCKS

Glass-to-metal contact must be avoided at all times by using setting and location blocks having a hardness of 50° to 90° shore A durometer. Use only blocks made of Neoprene, EPDM, Silicone or other elastomeric material.

Setting blocks are to have a minimum thickness of 3mm and must be at least 27mm in length per square metre of glass area.

The position of the setting and location blocks is illustrated in Figure 2.

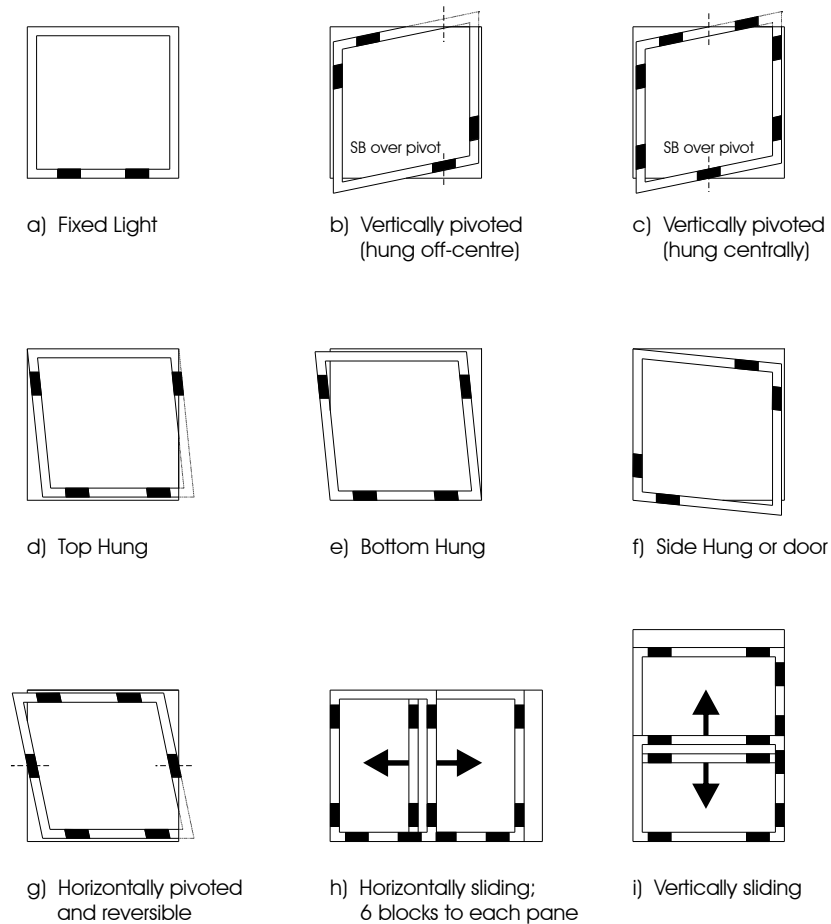


FIGURE 2 - POSITION OF SETTING AND LOCATION BLOCKS