

45mm BEADED DOOR

Max Doors - 1 - 1

45mm Beaded Commercial Door



FEATURES

- Single or Double Glazed
- Optional "Front bead" arrangement, no ledge to trap fingers, especially on sliding doors.
- Comprehensive range of door and track configurations
 - o Hinged doors
 - o Pivot doors
 - o Bottom Track and Overhead Sliding doors
 - o Multi Track options
- 45mm thick door leaf
- Optional Rails
- Door systems integrate with all Ai Architectural systems
- 129mm midrail options
- Accepts 6mm to 18mm single glazed
- Accepts 24 - 34mm IGU's including blinds
- Adaptable to fixed Louvres

FABRICATION:

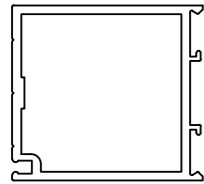
- Square cut manufacture
- Simple panelized assembly

PRODUCT APPLICATIONS:

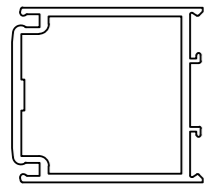
- Commercial entrances
- High end residential applications
- Apartments



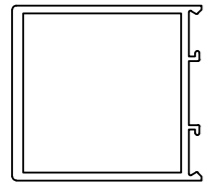
45mm BEADED DOOR
Max Doors - 1 - 2
Extrusion ID



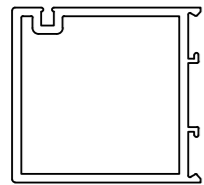
C046
Lock Stile



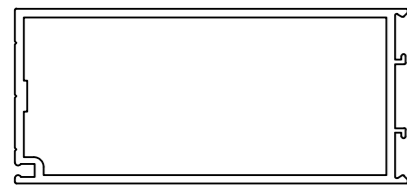
C047
Pivot Stile



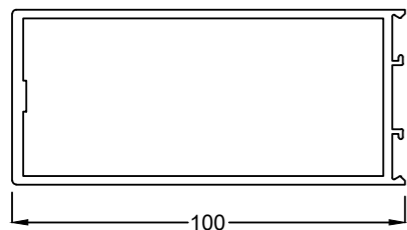
C048
Plain Stile



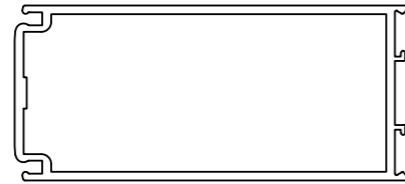
C049
Wiper Stile



C055
Wide Lock Stile



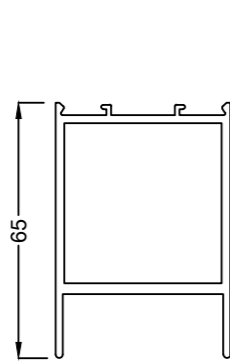
C056
Wide Plain Stile



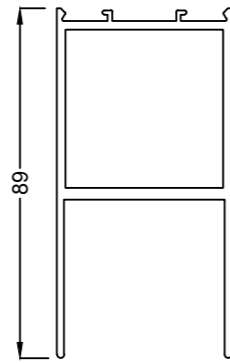
C057
Wide Pivot Stile



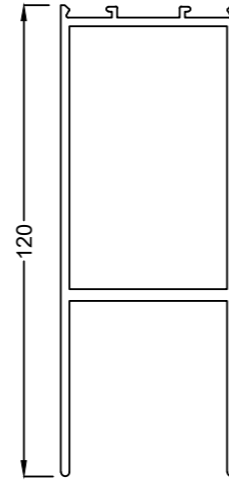
C058
Wide Wiper Stile



C051
Top Rail



C052
Bottom Rail



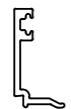
C053
Deep Rail



C050
Single Glazed Bead



C054
Tall Bead



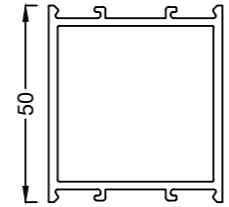
C061
Double Glazed Bead



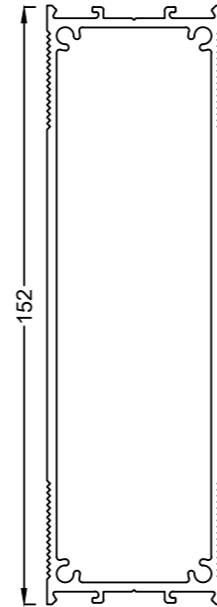
C22976
Front Glazed
External Bead



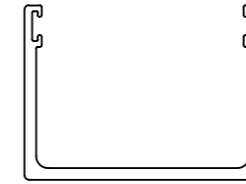
C22975
Front Glazed
Internal Bead



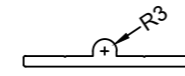
C4057EN
M50 Midrail



C3619EN
M150 Midrail



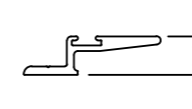
C3270
Door Channel 60 x 44.4mm



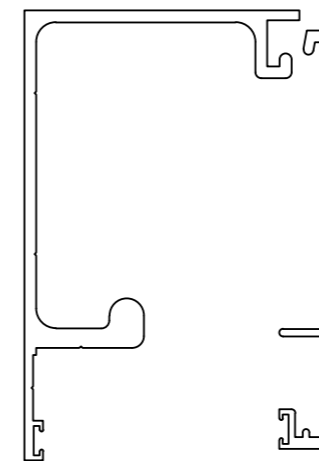
C21018
Plant on Track



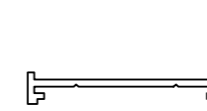
C455
Meeting Stile Adaptor



C3144
Plant on Interlock



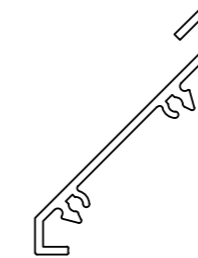
C453
Top Hung Track



CL2080
Louvre Frame



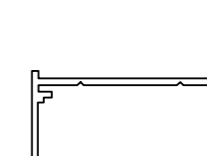
C9384
Plant on Track



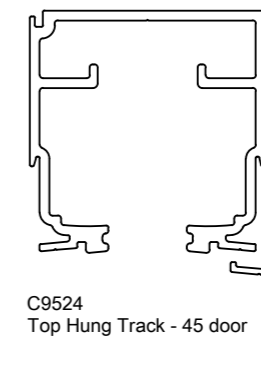
CL1592
63mm Louvre



C454
Track Pelmet



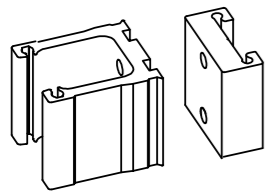
CL19408
Flanged Louvre Frame



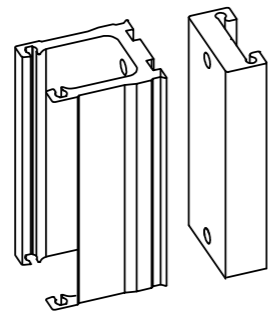
C9524
Top Hung Track - 45 door

C9388
Track Cover

45mm BEADED DOOR
Max Doors - 1 - 3
Component ID



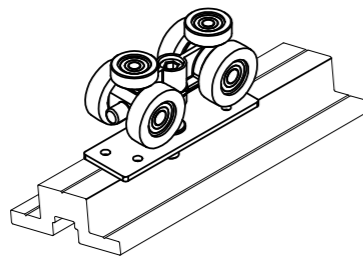
CH2
Door Spigot Set (pkg 4)



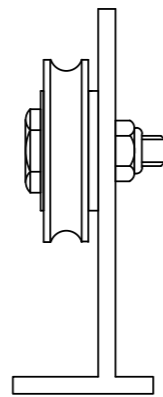
CH2W
Door Spigot Set (pkg 4)
Suits Deep Rail



CHPLUG10
10mm dia Hole Plug



CH9591
Tommaslide roller assembly incl
Bracket & Locknut
300kg



CH10
Top roller Assembly
250kg



CH9500
3mm wedge PVC



CH9501
4mm wedge PVC



CH9502
5mm wedge PVC



CH9503
7mm wedge PVC



PB 48-450-3P
4.8 x 4.5mm
Weatherpile



PB 48-500-3P
4.8 x 5.0mm
Weatherpile



PB 48450-FP
4.8 x 5.0mm
Finseal



PB 48525-3P
4.8 x 5.25mm
Weatherpile



PB 69450-FP
6.9 x 4.5mm
Finseal



PB 69550-4P
6.9 x 5.5mm
Weatherpile



PB 69550-FP
6.9 x 5.5mm
Fin Seal



PB 69800-4P
6.9 x 8mm
Weatherpile



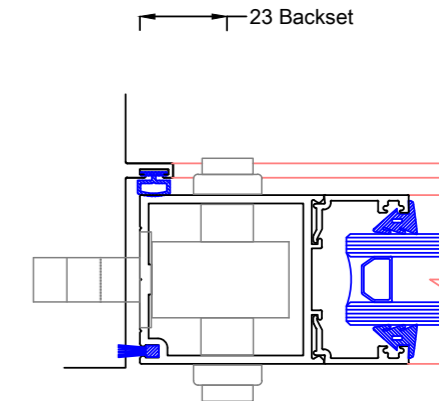
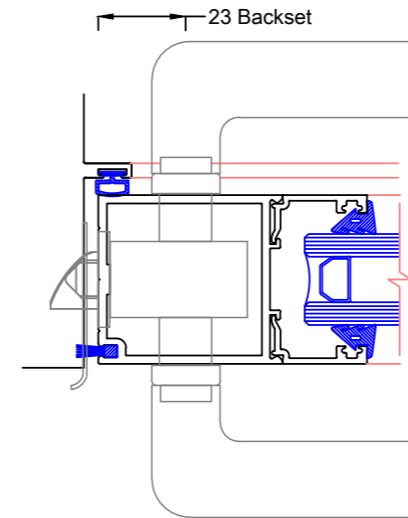
PS11 Door Seal
Weatherpile

Door Stile Options

Narrow stiles accept Lockwood
3540 or 3580 / 3P80 Series narrow mortice locks.

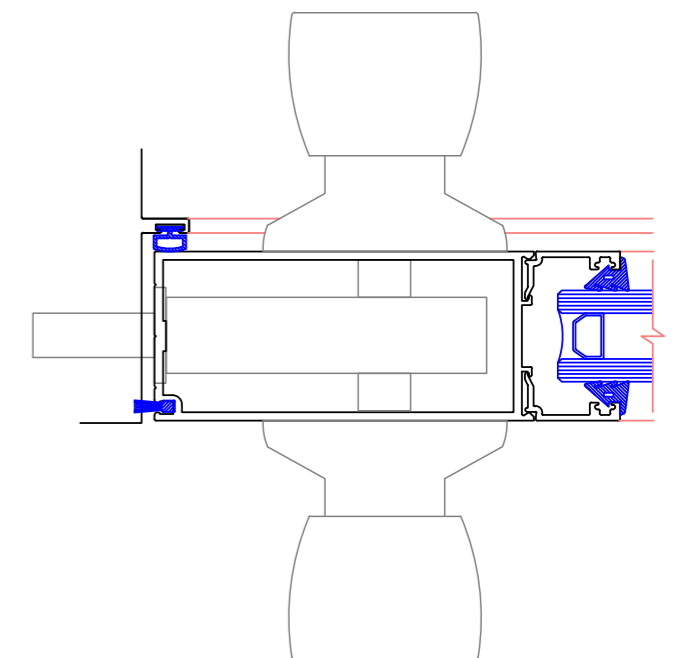
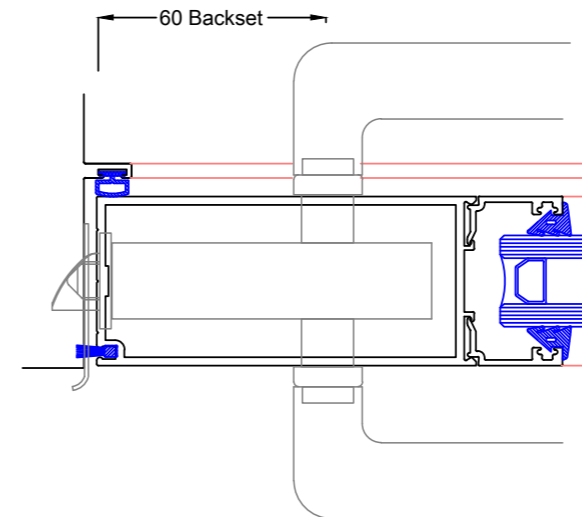
3580 Series used when self latching with lever handles

3541 or 3542 Series used when self closing (on overhead closer) but non-latching on hinged and pivot doors. Typically this is used in conjunction with push / pull handles

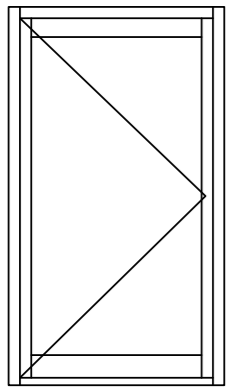


3570 Series with 60mm backset used with wide stiles when self latching hinged doors with lever handles

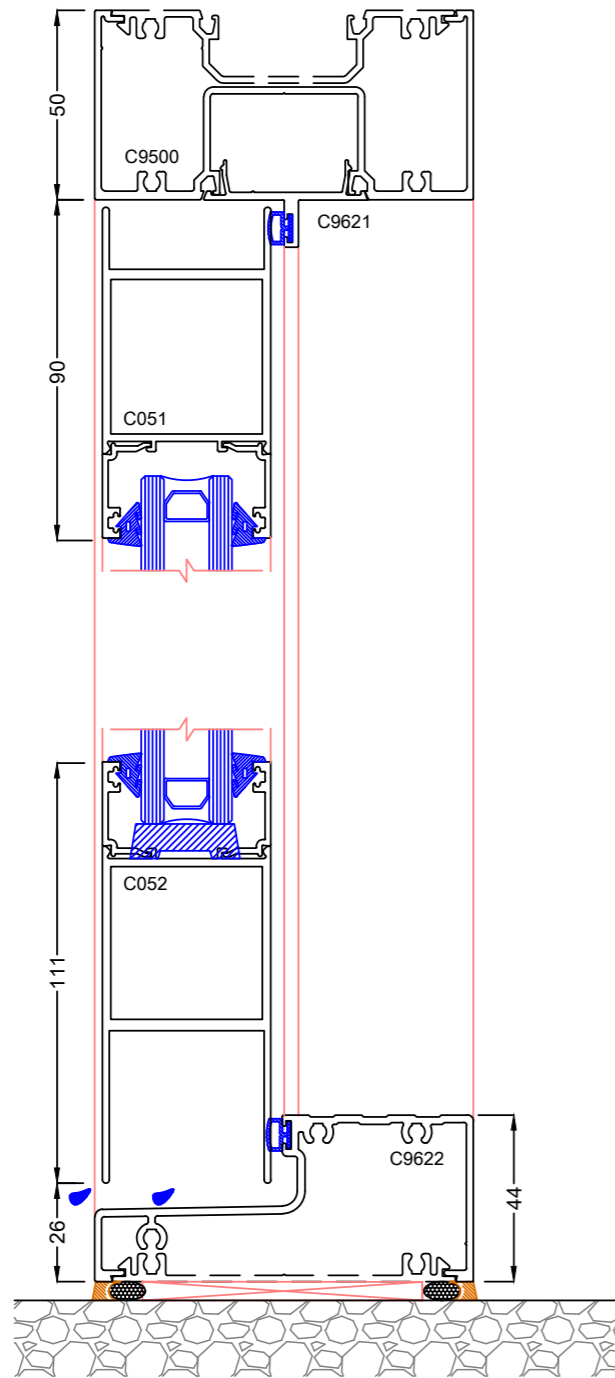
3574 Series with 60mm backset used with wide stiles and overhead closer on hinged and pivot doors. Typically this is used in conjunction with push / pull handles



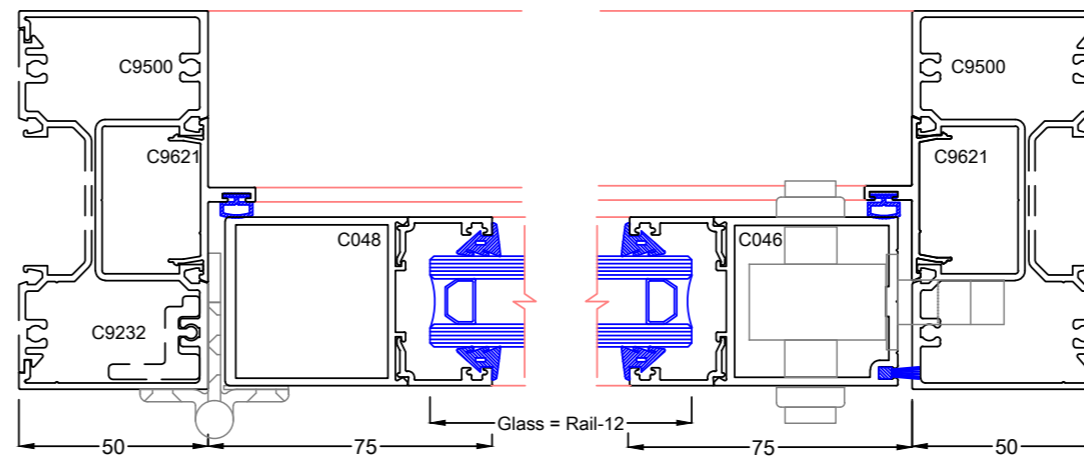
45mm BEADED DOOR
Max Doors - 1 - 4
Open Out Door



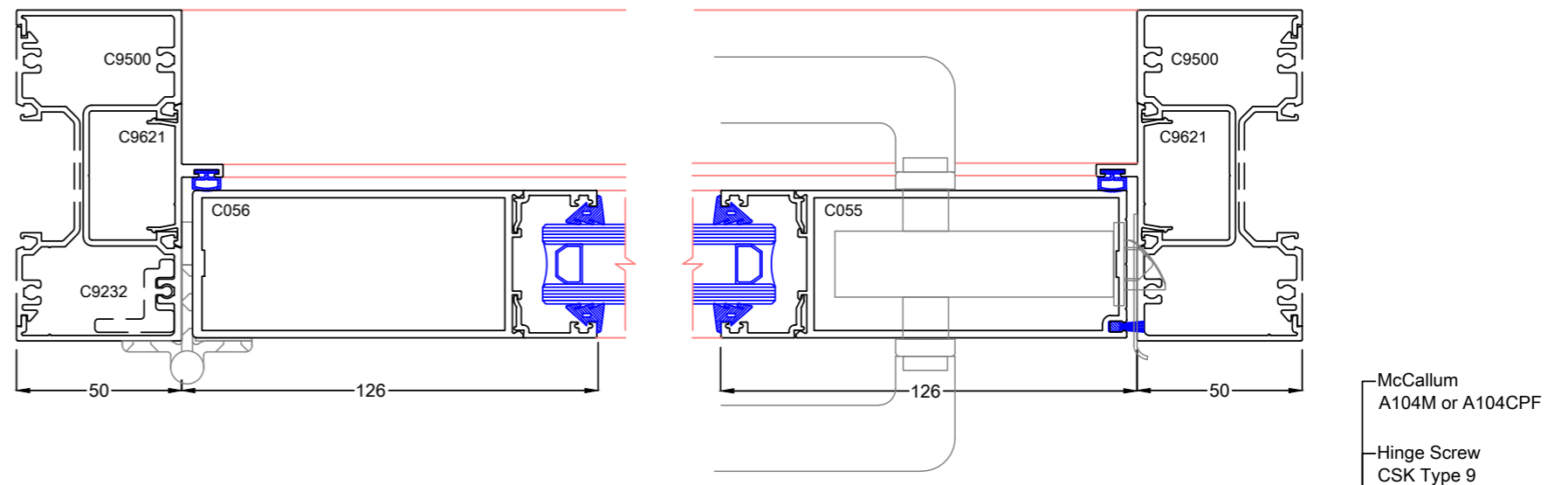
Note:
Maximum Door height 2700mm
Maximum Panel width 1000mm



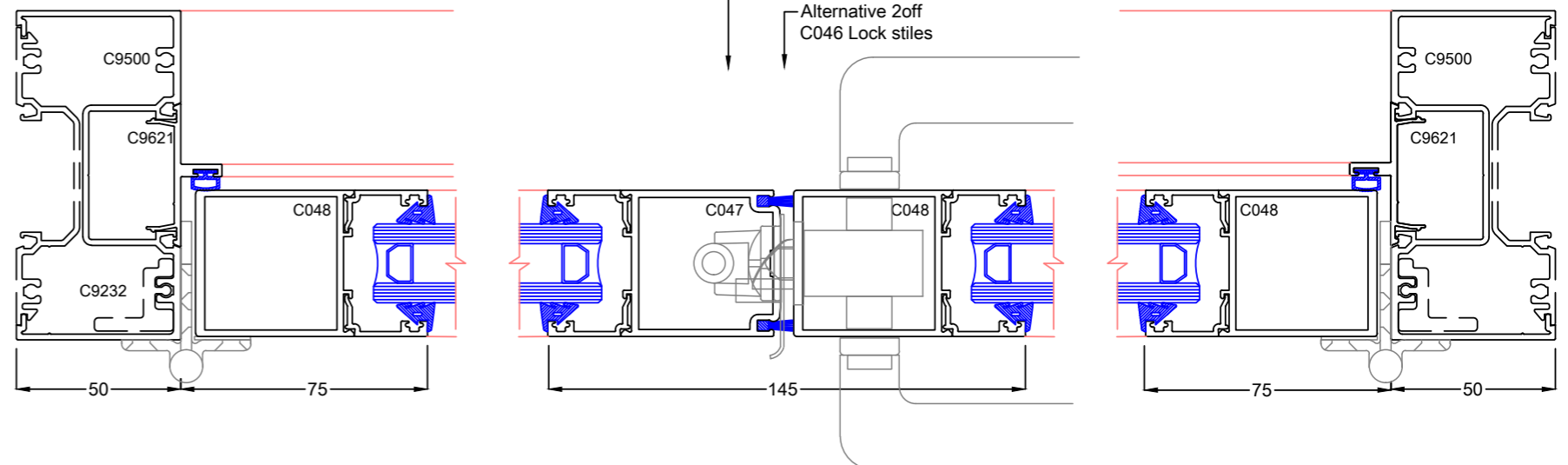
Left Hand Open Out Door



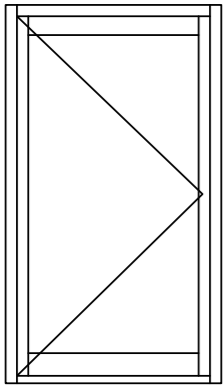
Left Hand Open Out Door with Wide Plain & Lock Stile



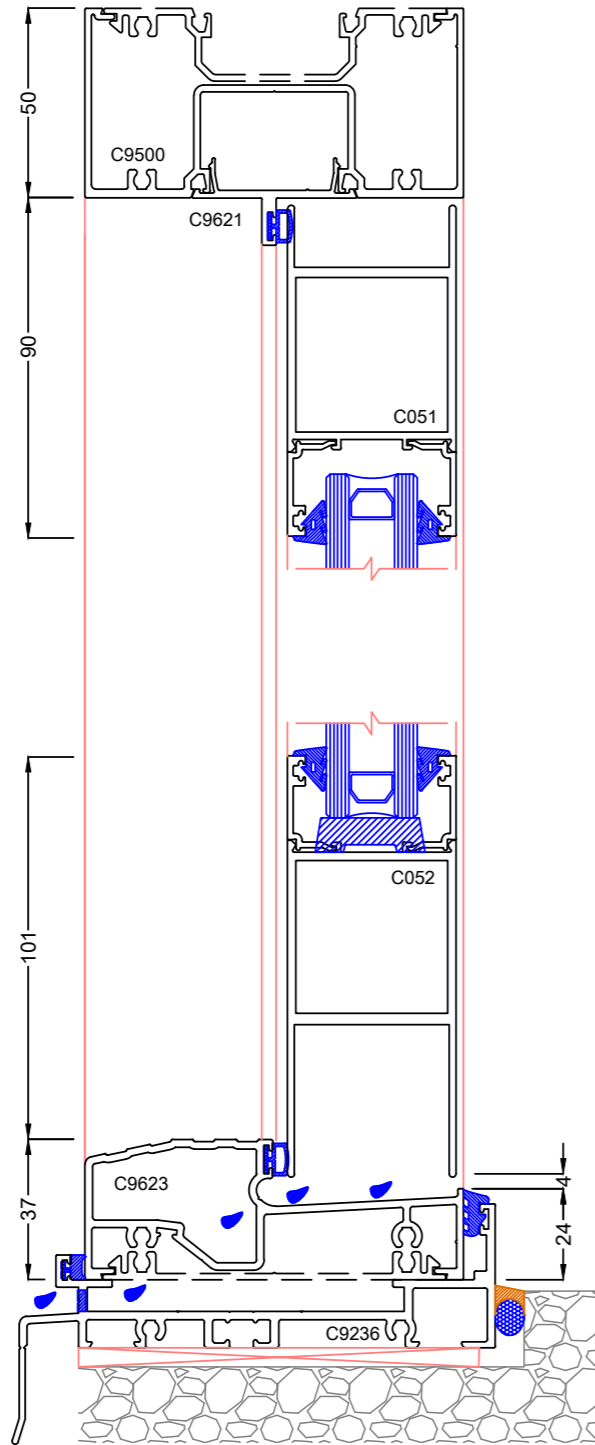
Pair of Open Out Hinged doors



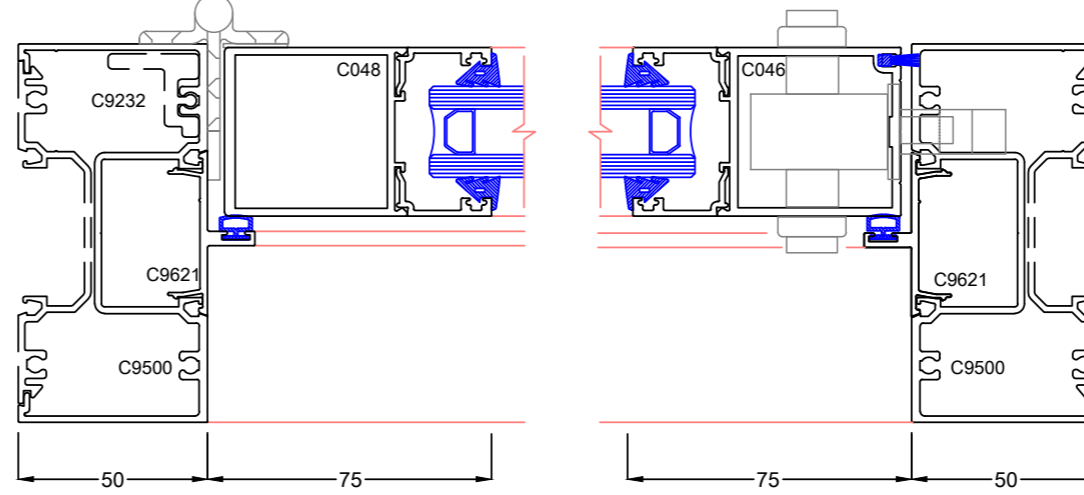
45mm BEADED DOOR
Max Doors - 1 - 5
Hinged Door Open IN



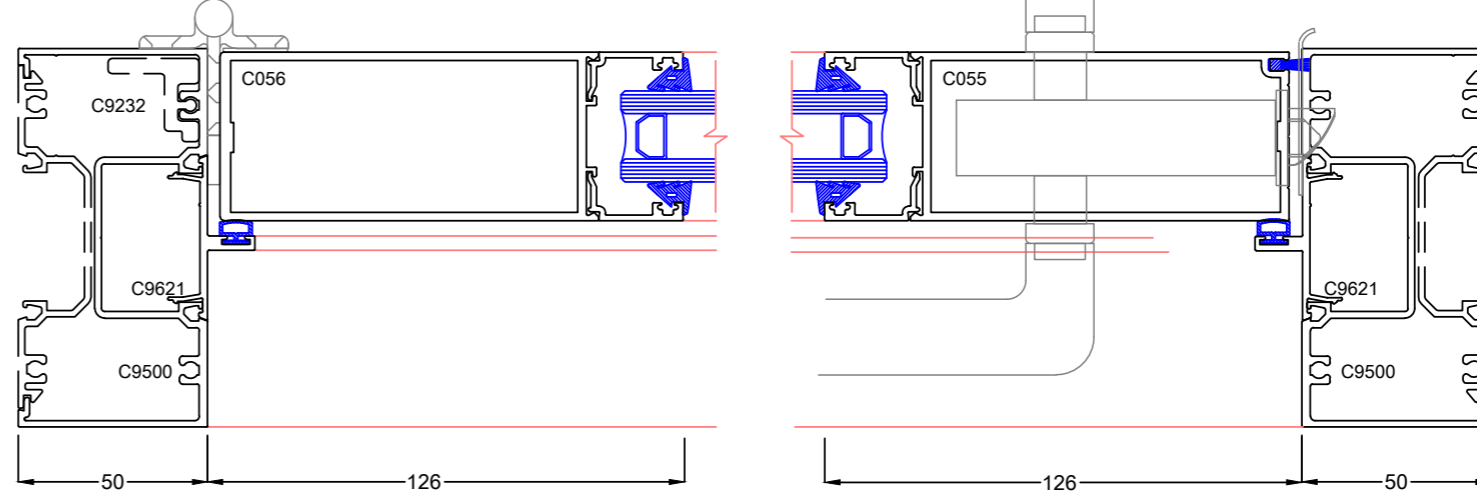
Note:
Maximum Door height 2700mm
Maximum Panel width 1000mm



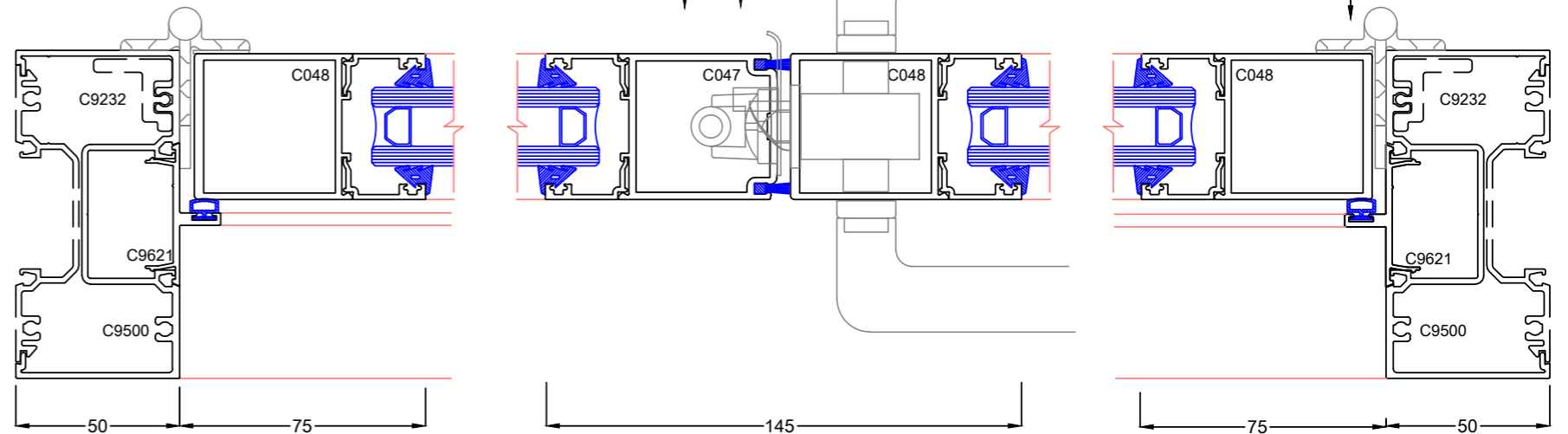
Left Hand Open In Door



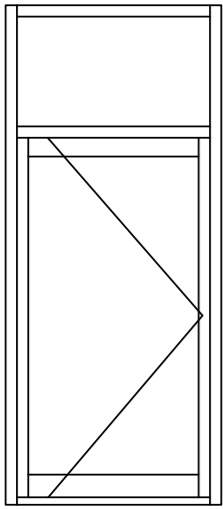
Left Hand Open in Door with Wide Plain & Lock Stile
Deep rails are usually used with wide stiles to accentuate the door leaf



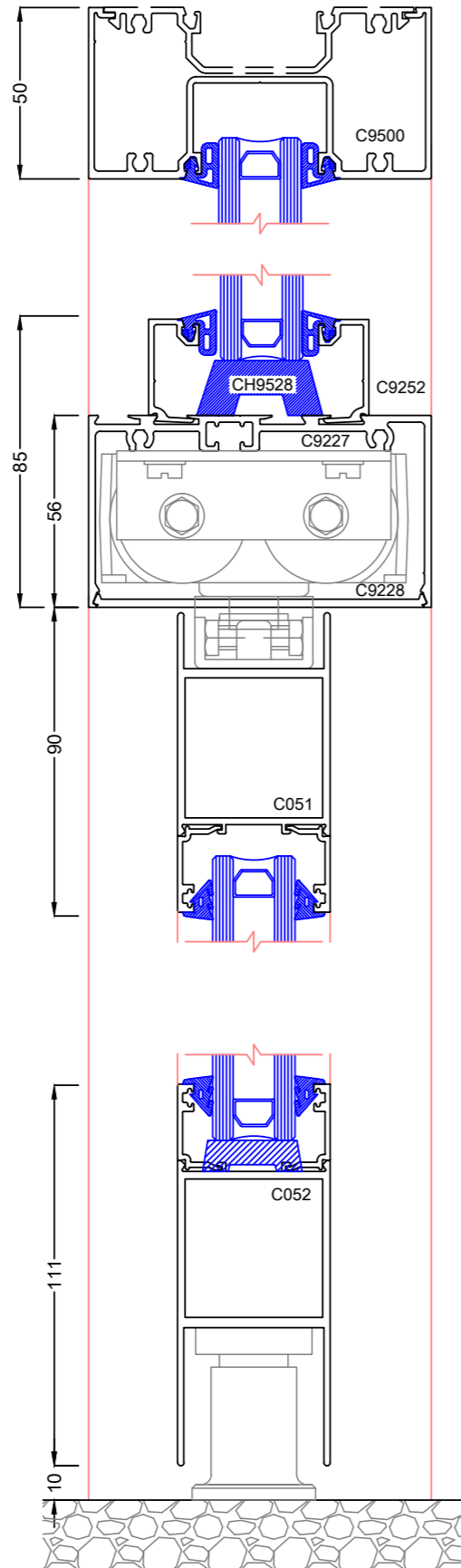
Pair of Open in Hinged doors



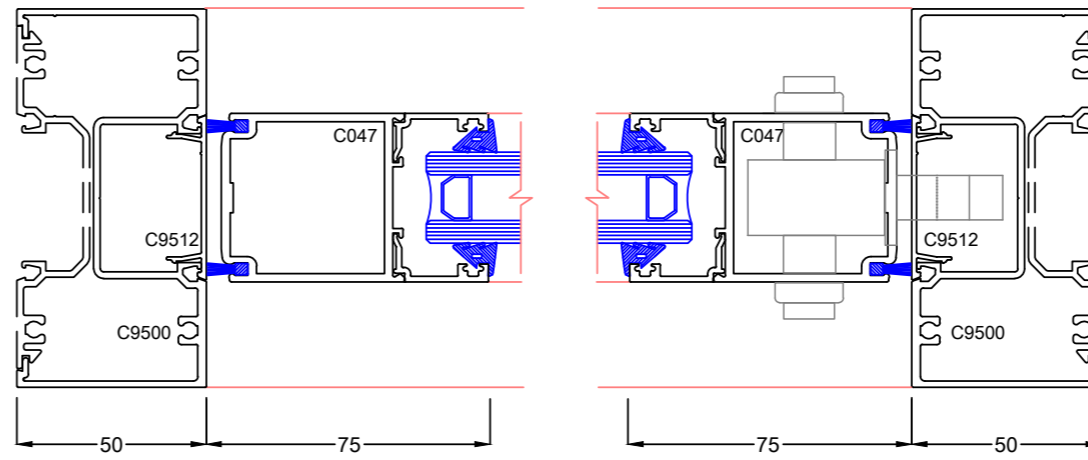
45mm BEADED DOOR
Max Doors - 1 - 6
Pivot Doors



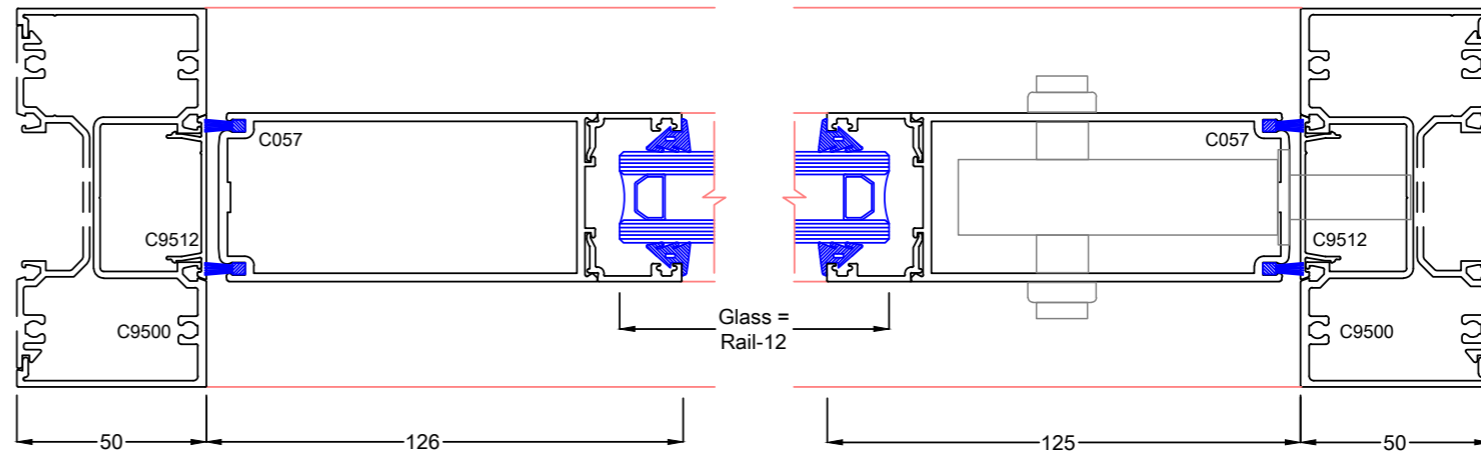
Note:
Maximum Door height 2700mm
Maximum Panel width 1000mm
Pivot point usually 100mm



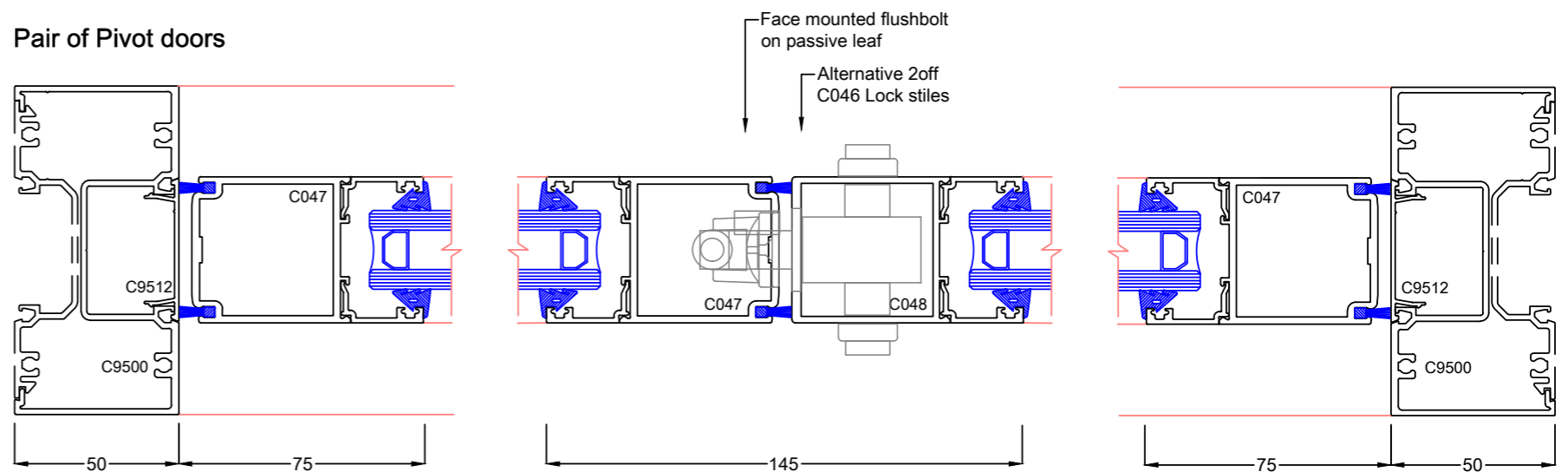
Left Hand Pivot Door



Left Hand Pivot Door with Wide Stiles
Deep rails are usually used with wide stiles to accentuate the door leaf



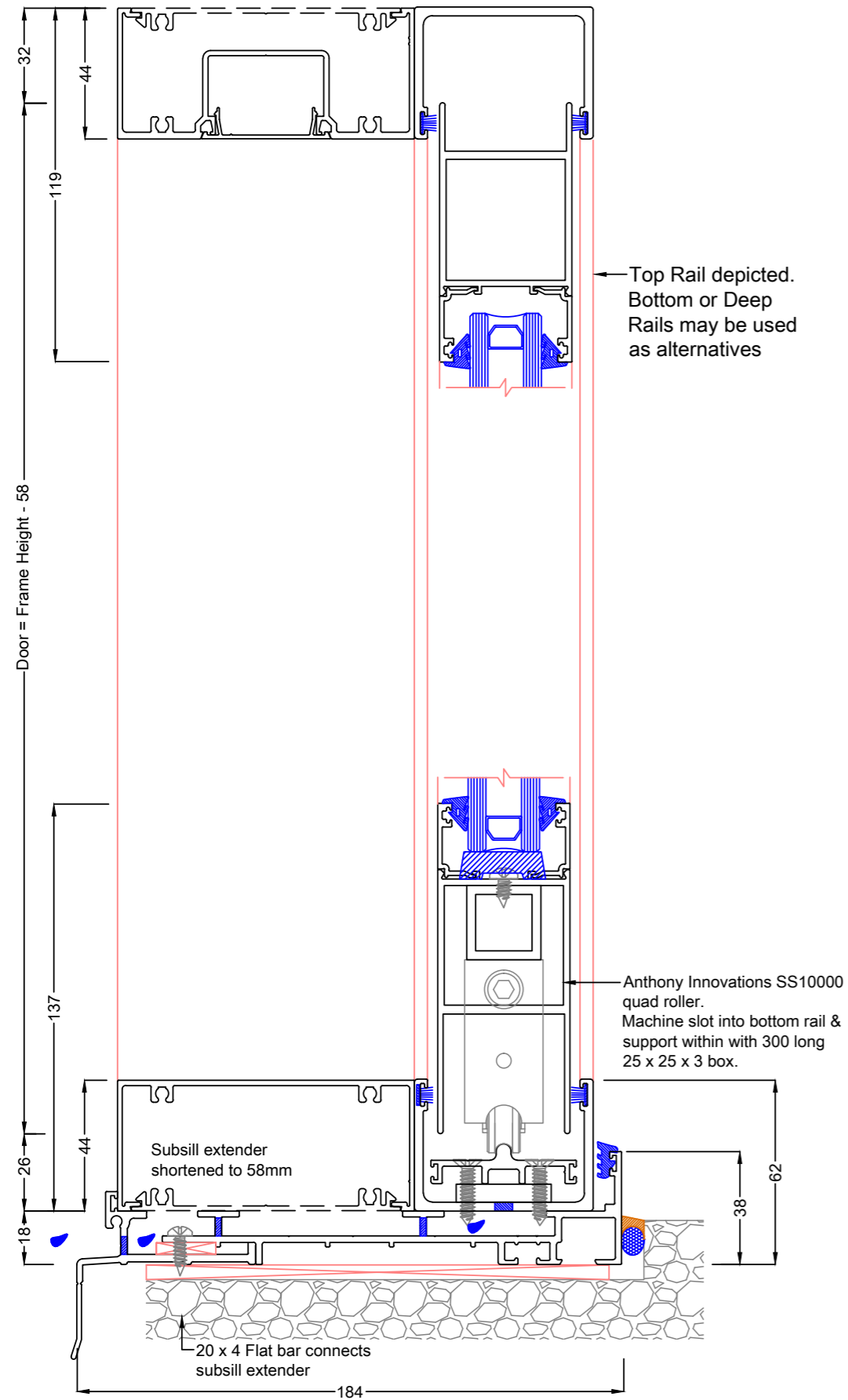
Pair of Pivot doors



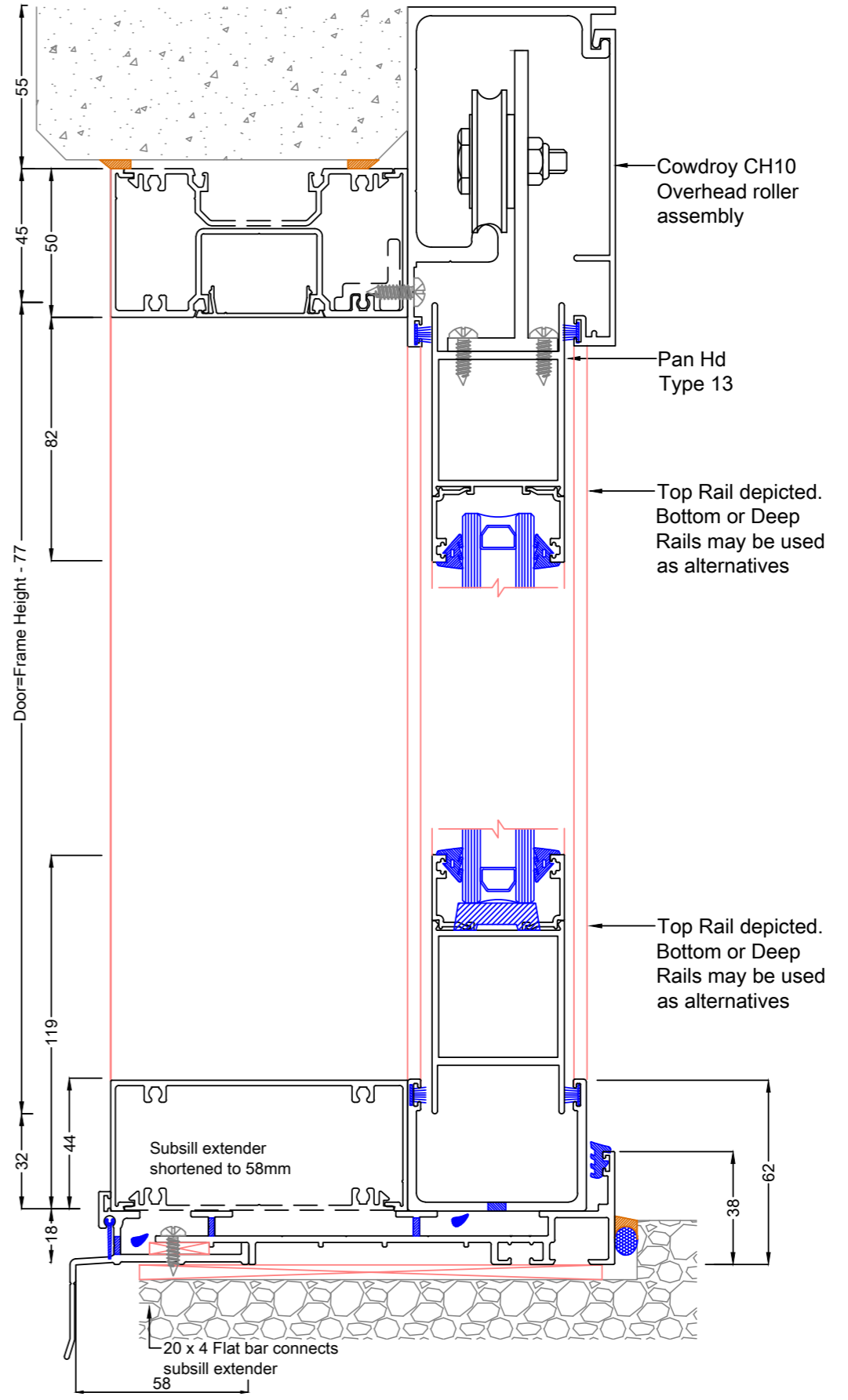
45mm BEADED DOOR

Max Doors - 1 - 7

Sliding Bottom Track - 300kg panel weight



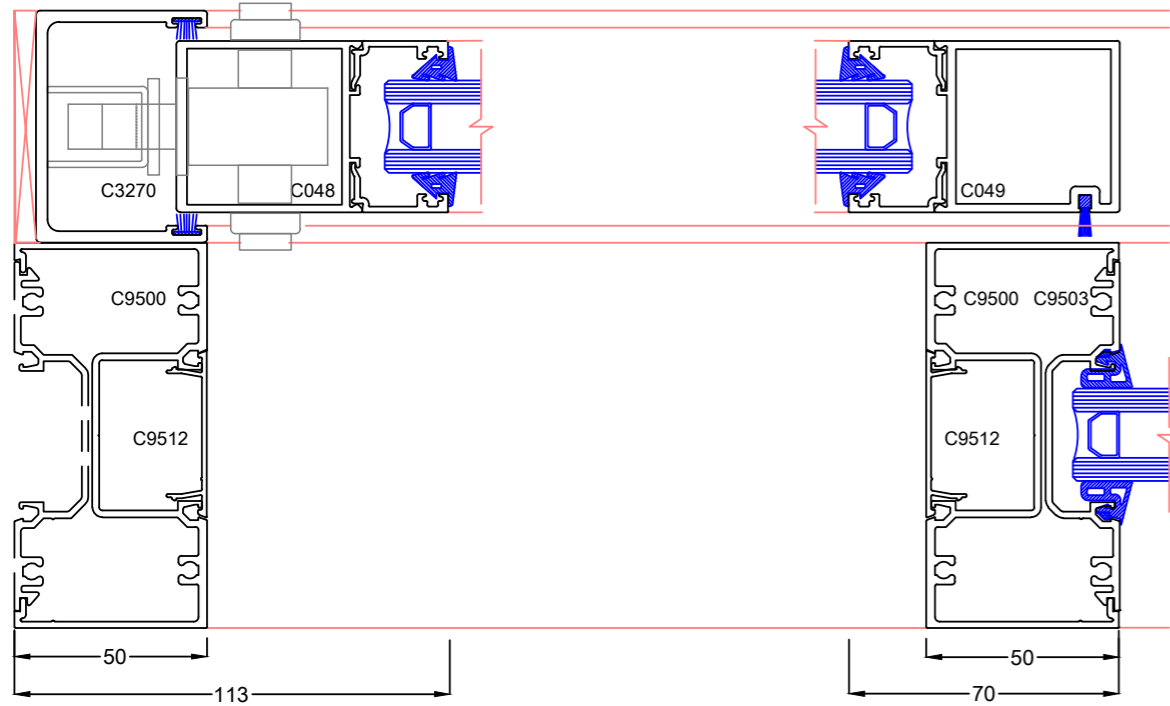
Top Rolling Track - 220kg Panel Weight



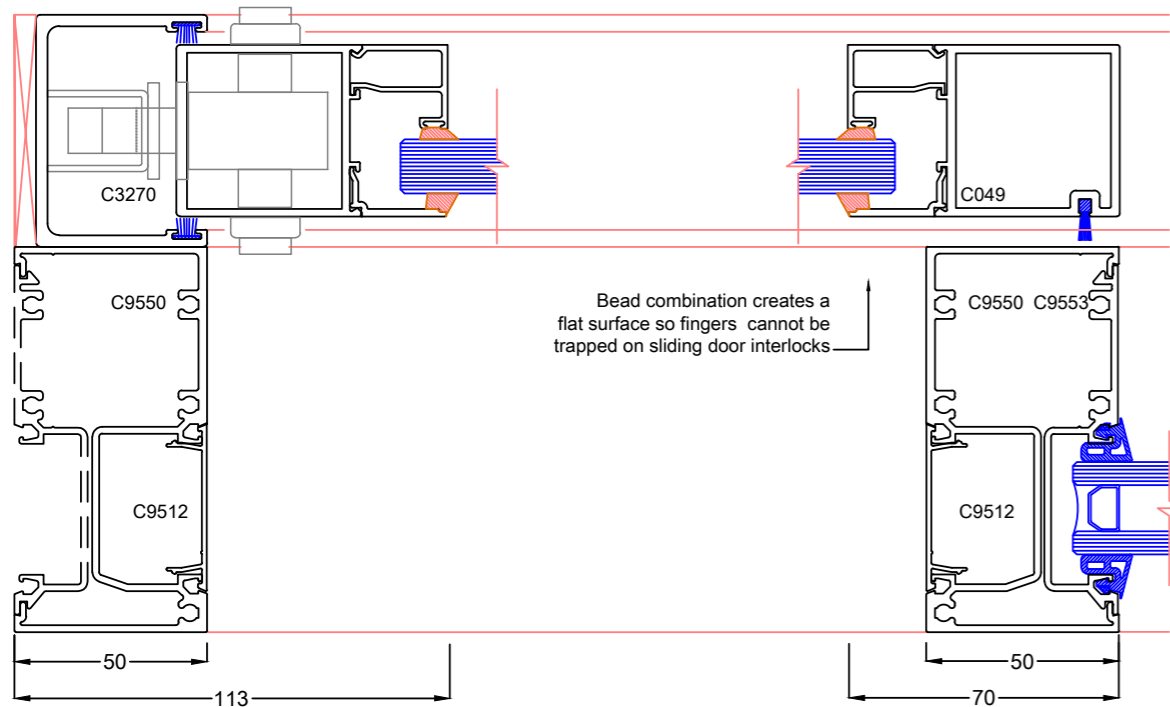
45mm BEADED DOOR

Max Doors - 1 - 8

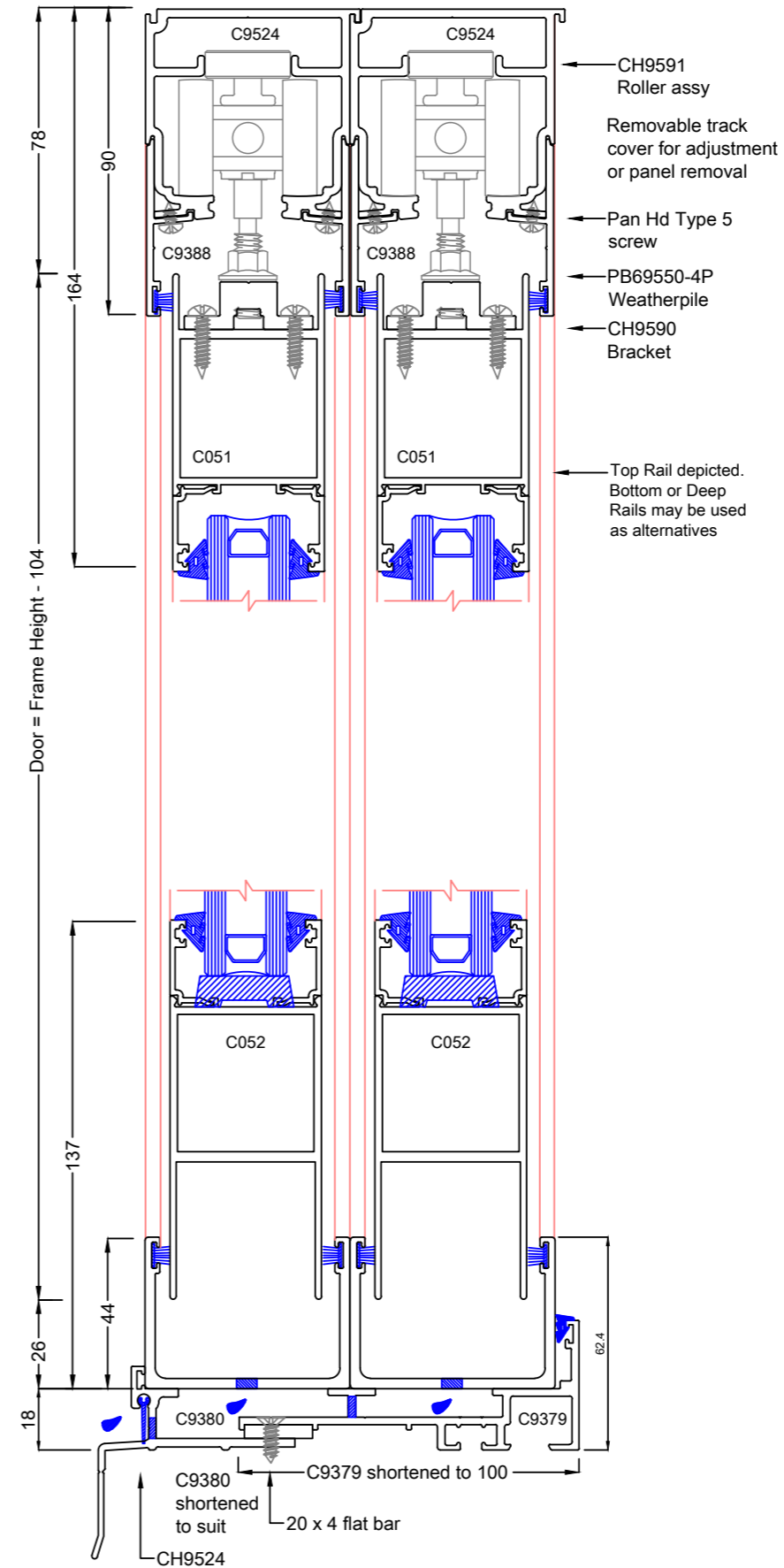
Sliding Door with Closing Jamb in 100 Fixed framing



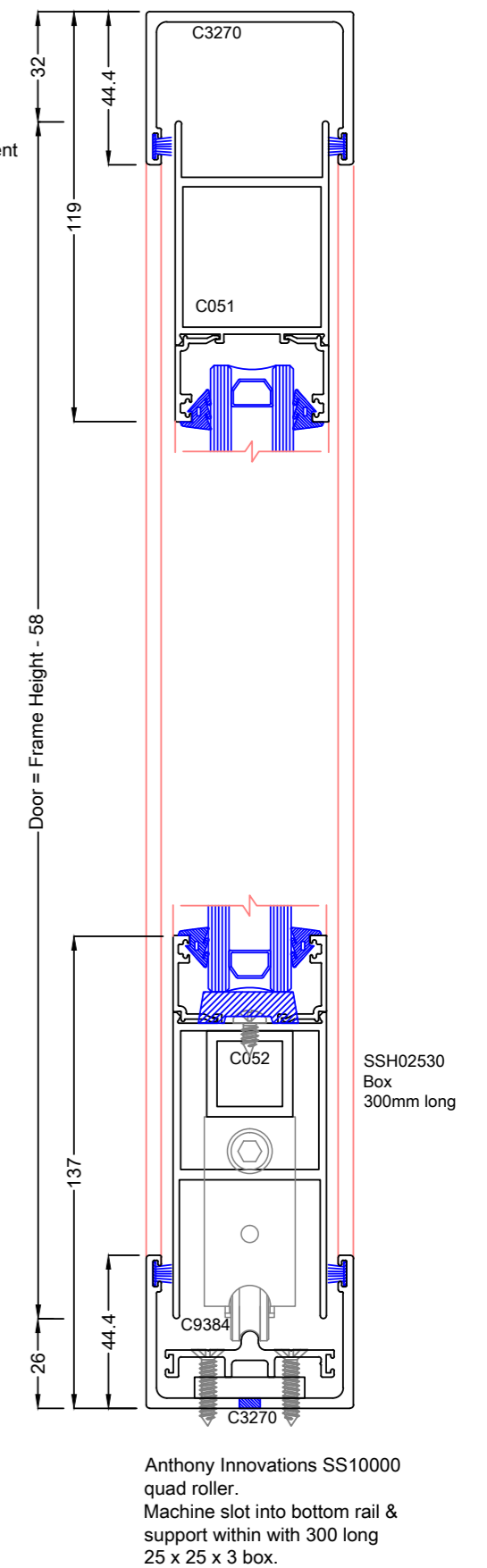
Sliding Door with Closing Jamb in 100 Front Glazed Fixed framing.
Alternative bead detail.



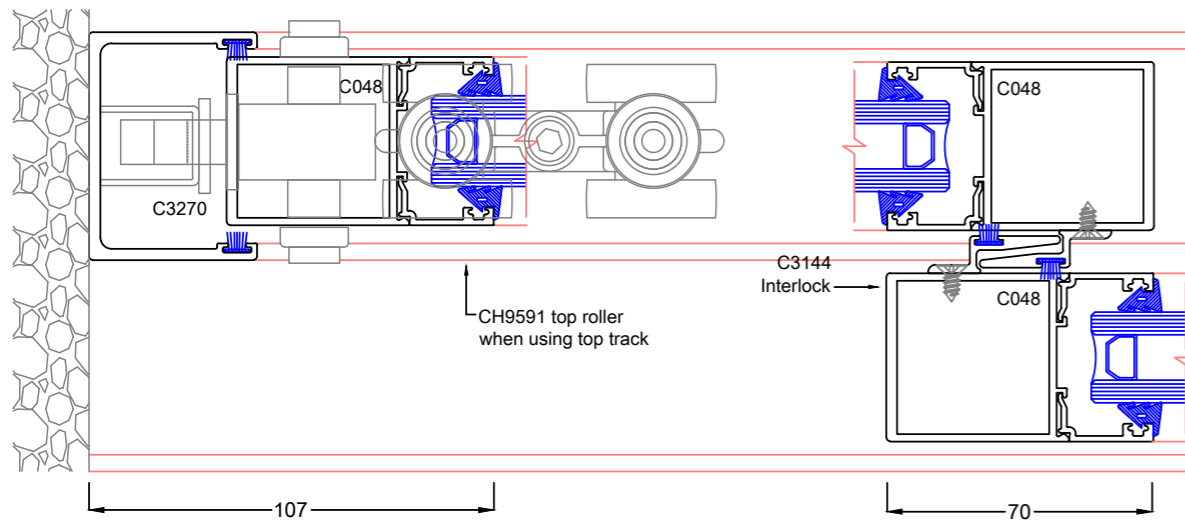
Top Hung Track 250kg



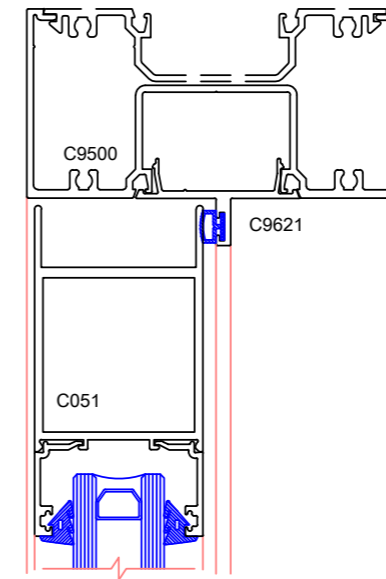
Bottom Sliding Track 250kg



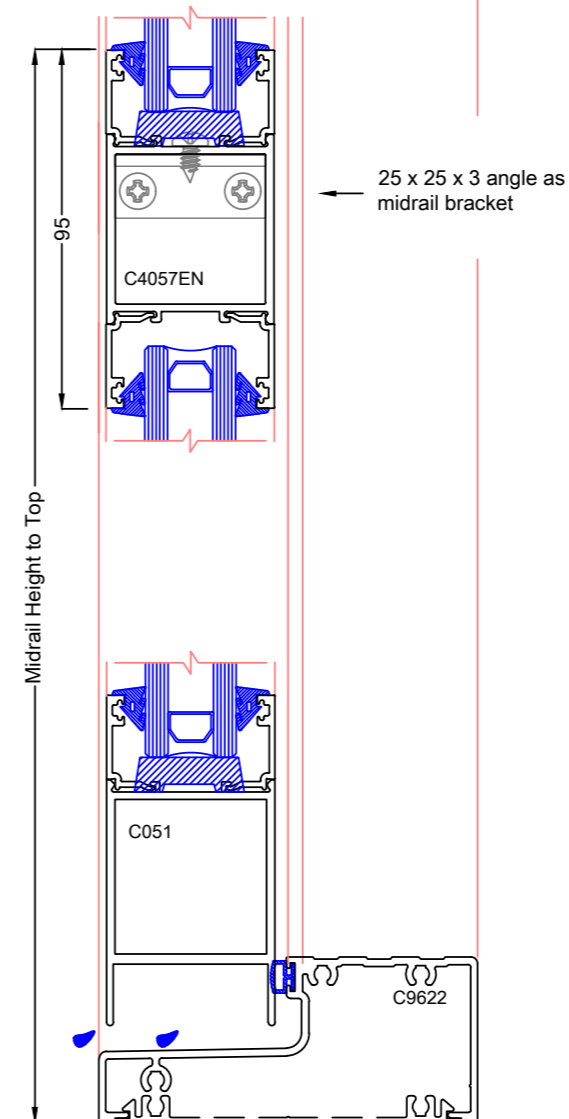
45mm BEADED DOOR
Max Doors - 1 - 9
Stacking Panels - Top or Bottom track



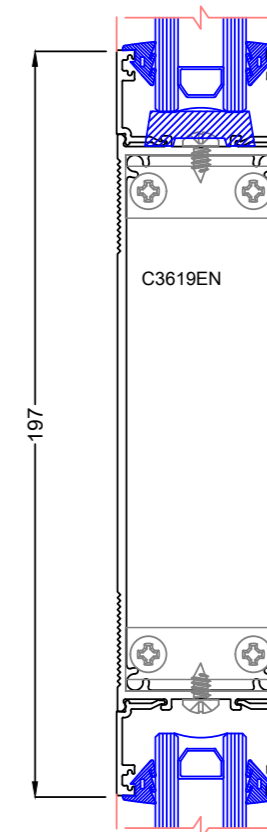
Door Midrail Options



95mm Door Midrail



197mm Door Midrail

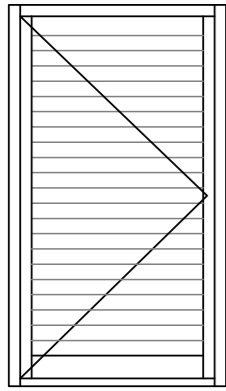


45mm BEADED DOOR

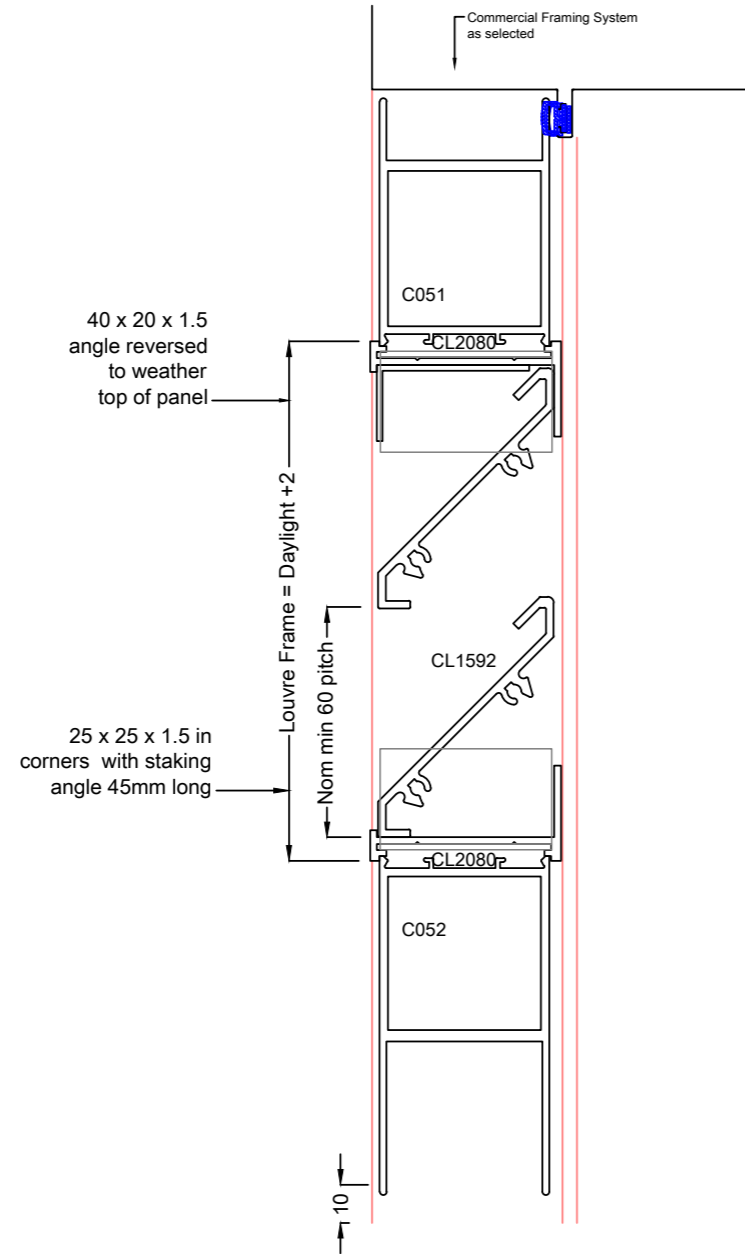
Max Doors - 1 - 10

Louvre Panels

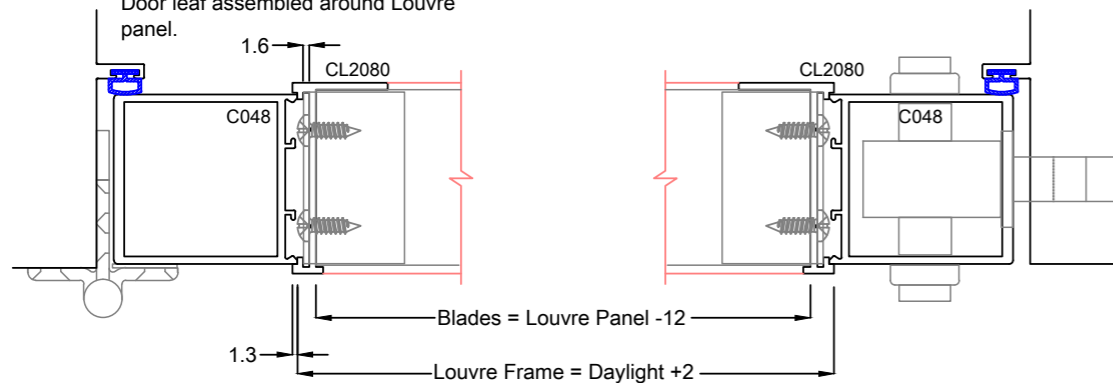
Popularly used in plant rooms, Louvred panels are easily fitted within the 45mm door leaf.



Note:
Maximum Door height 2700mm
Maximum Panel width 1000mm



Louvre frame mitre cut and assembled with 45mm long 25 x 25 x 1.5 angle staked in corners.
Door leaf assembled around Louvre panel.



Glazing Details

