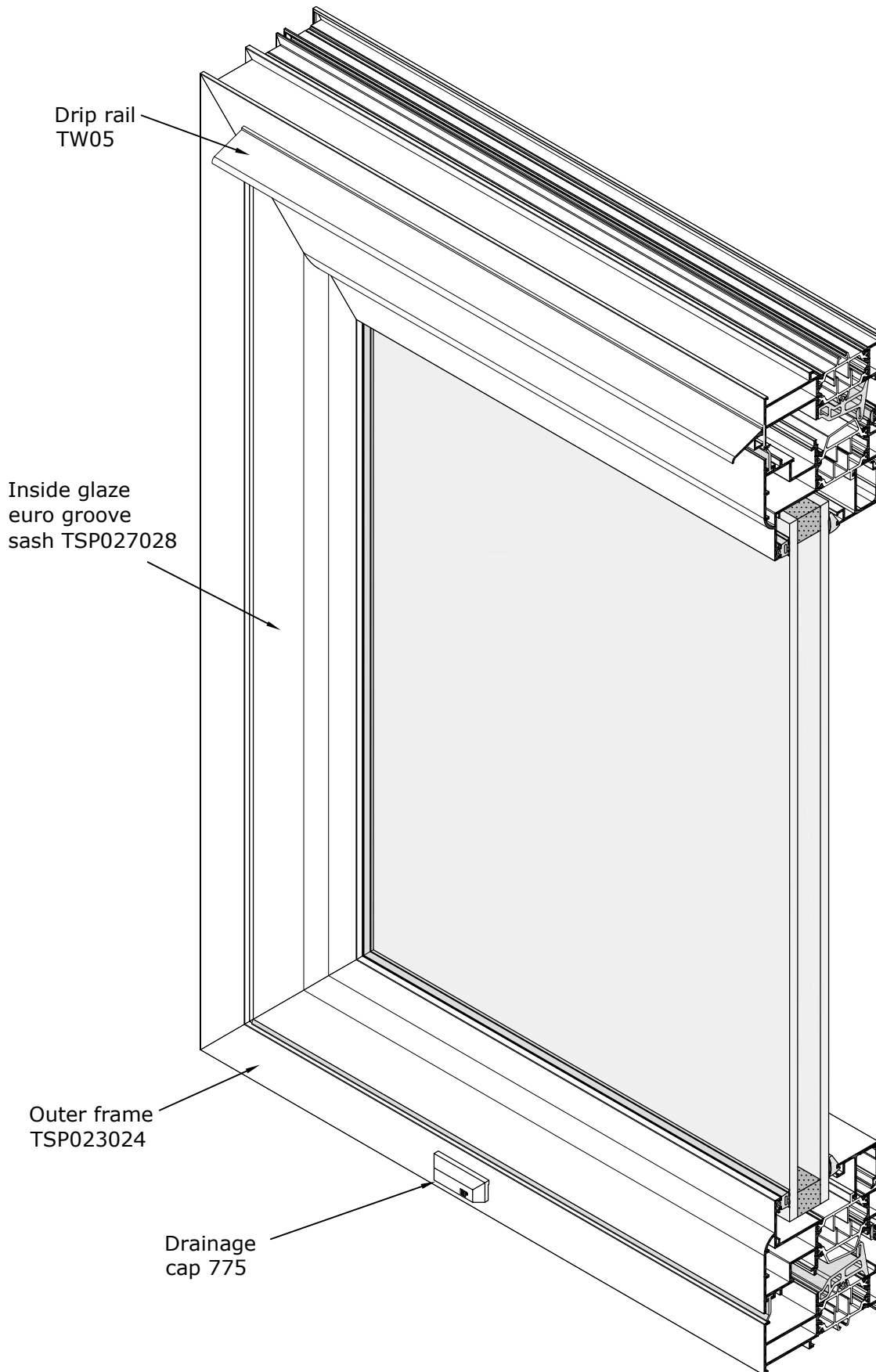


General Arrangement

1-35Hi 3-Dimensional Assembly Detail



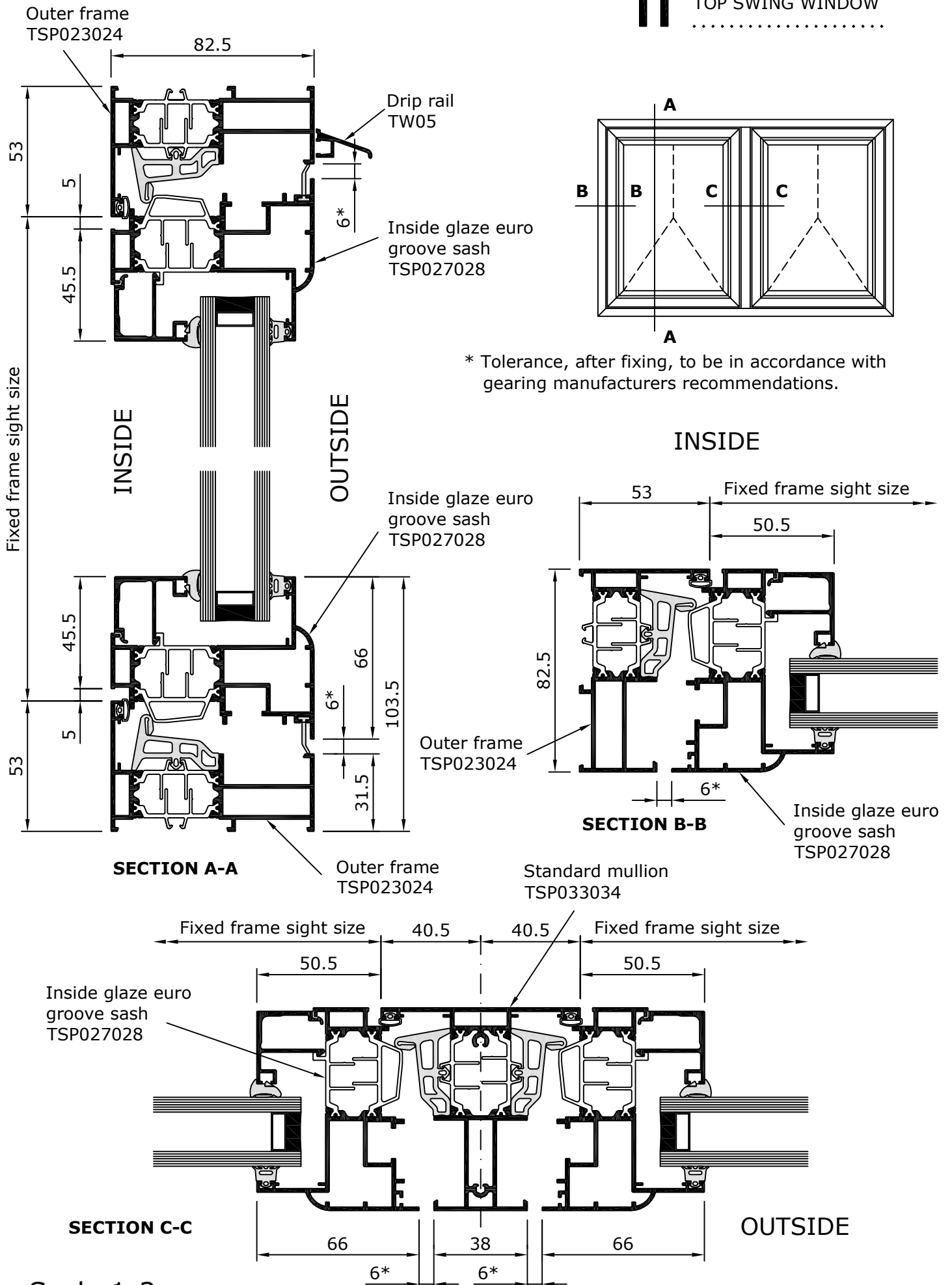
Not to Scale

Euro Groove Glaze In Sash



System 1-35 Hi

TOP SWING WINDOW



* Tolerance, after fixing, to be in accordance with gearing manufacturers recommendations.

Scale 1:2

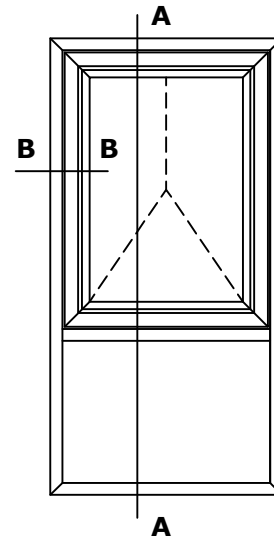
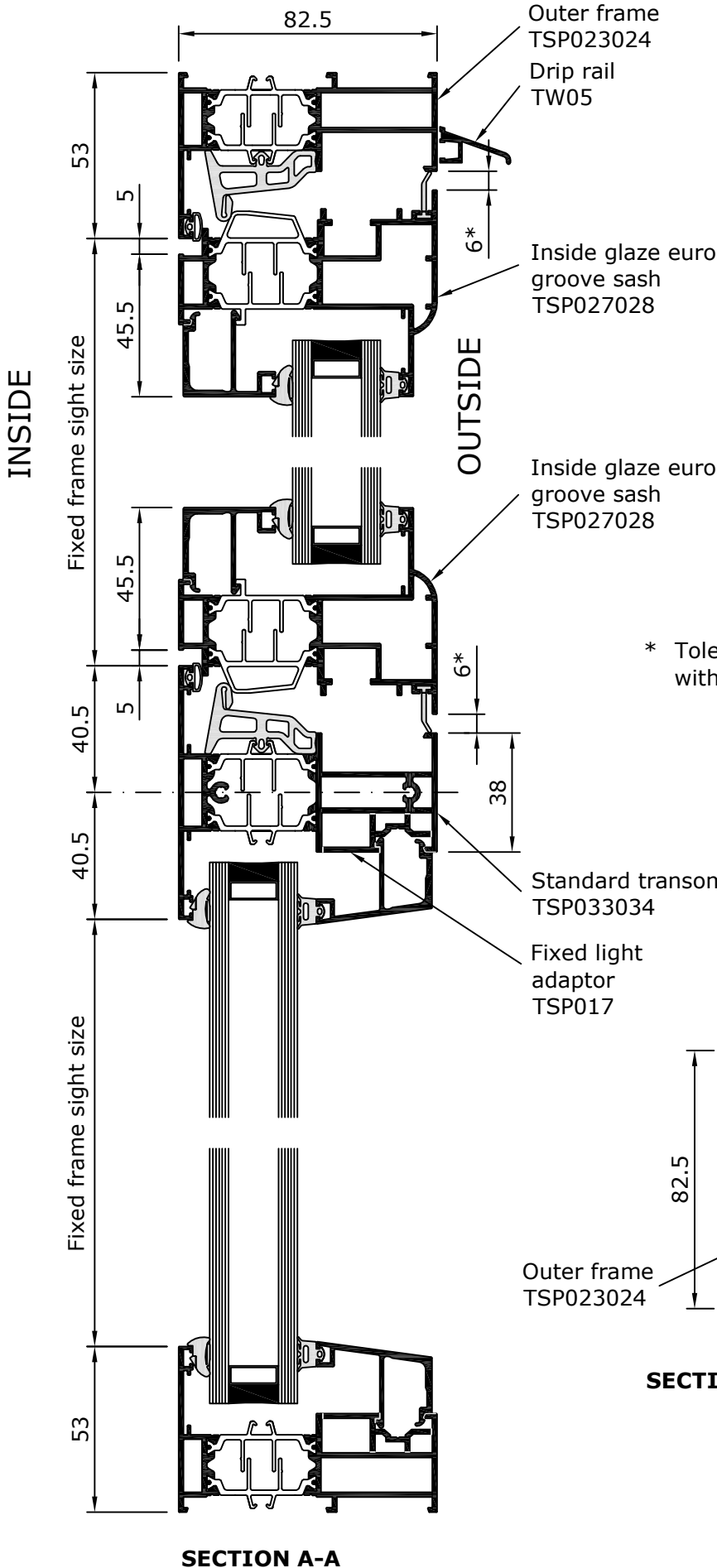
Euro Groove Glaze In Sash

Externally Beaded Fixed Lights

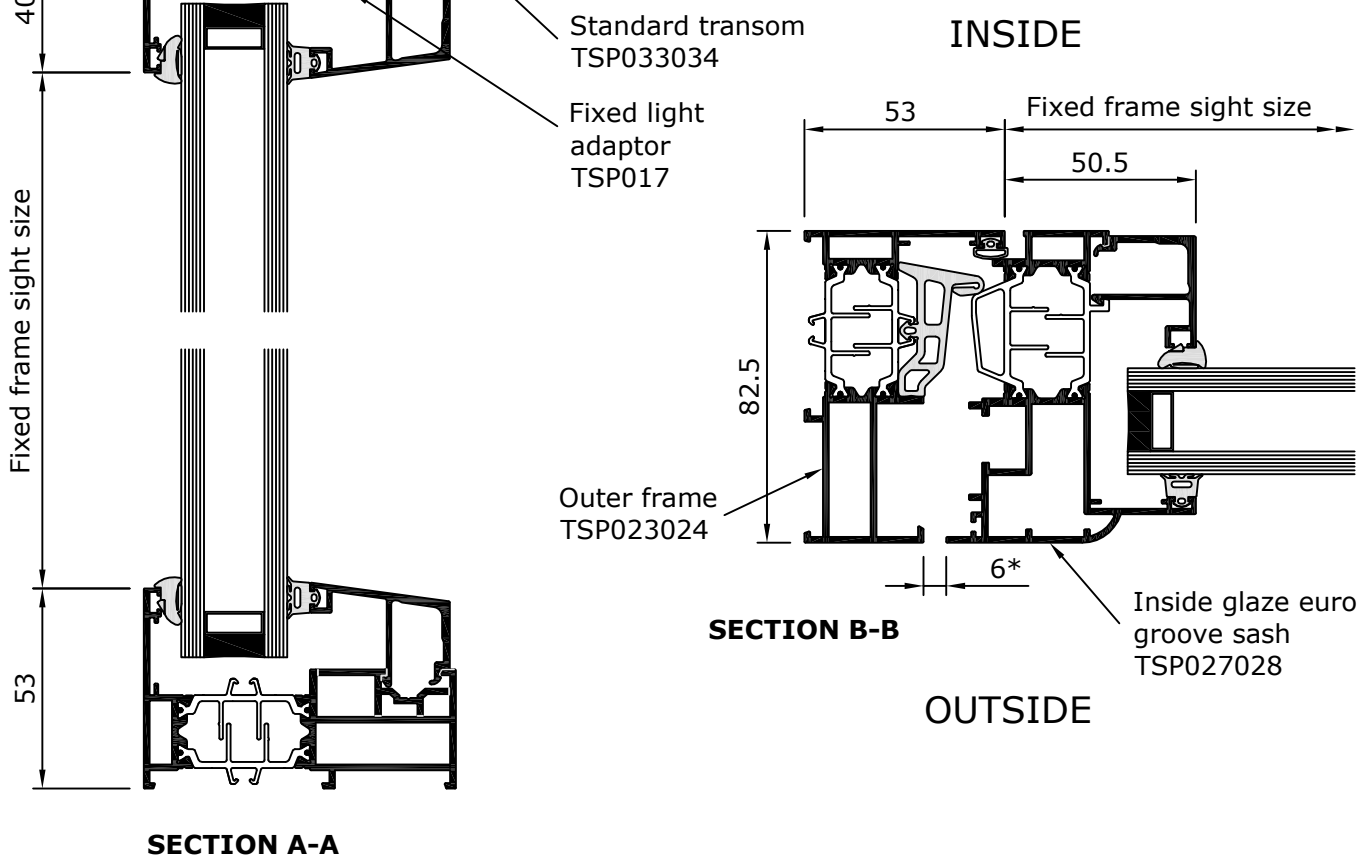


System 1-35 Hi

TOP SWING WINDOW



* Tolerance, after fixing, to be in accordance with gearing manufacturers recommendations.



SECTION A-A

SECTION B-B

Scale 1:2

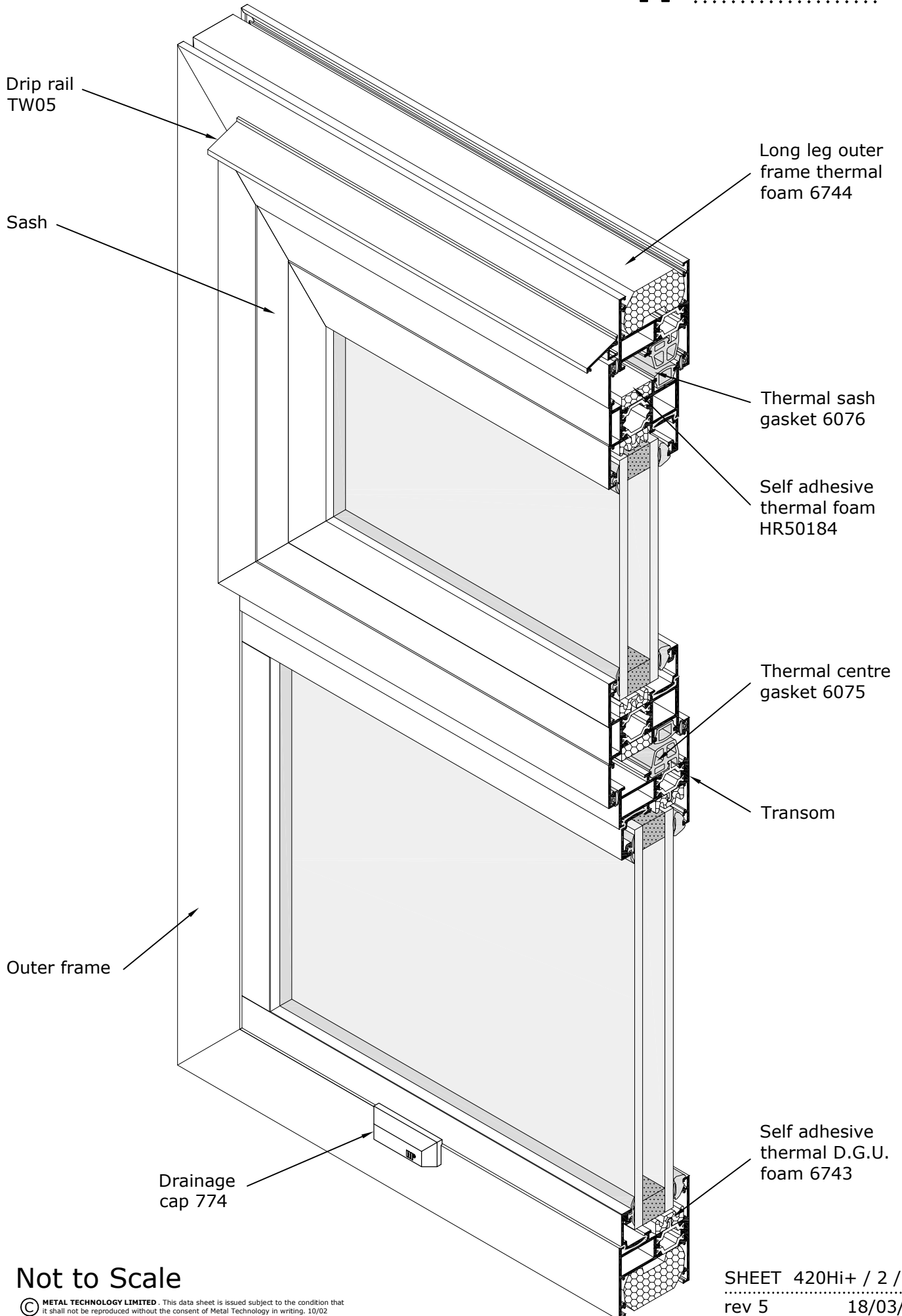
General Arrangement

4-20Hi+ 3-Dimensional Assembly Detail



System 4-20Hi+

CASEMENT WINDOW



Not to Scale

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SHEET 420Hi+ / 2 / 10

rev 5

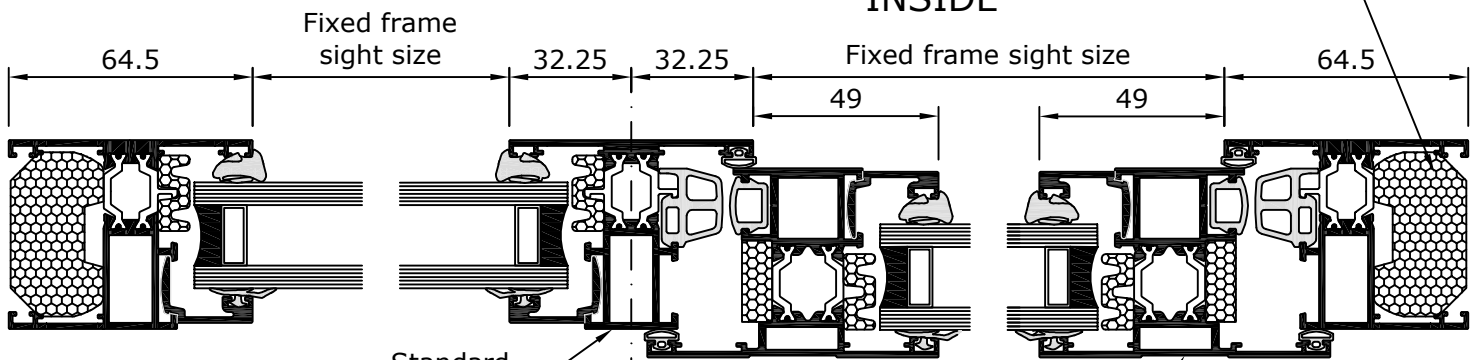
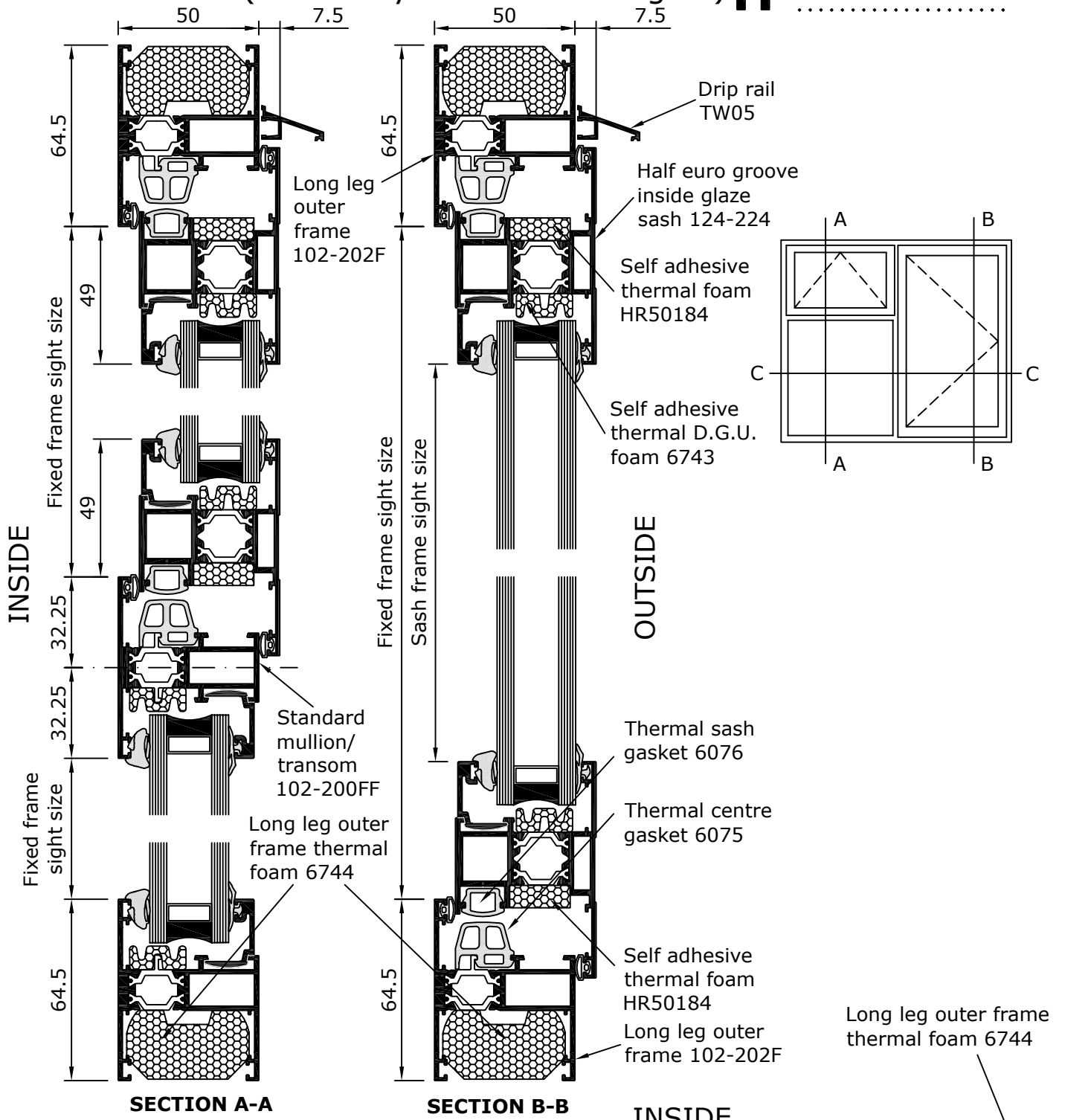
18/03/16

Half Euro Groove Glaze In Casement (Externally beaded fixed lights)



System 4-20Hi+

CASEMENT WINDOW



Scale 1:2

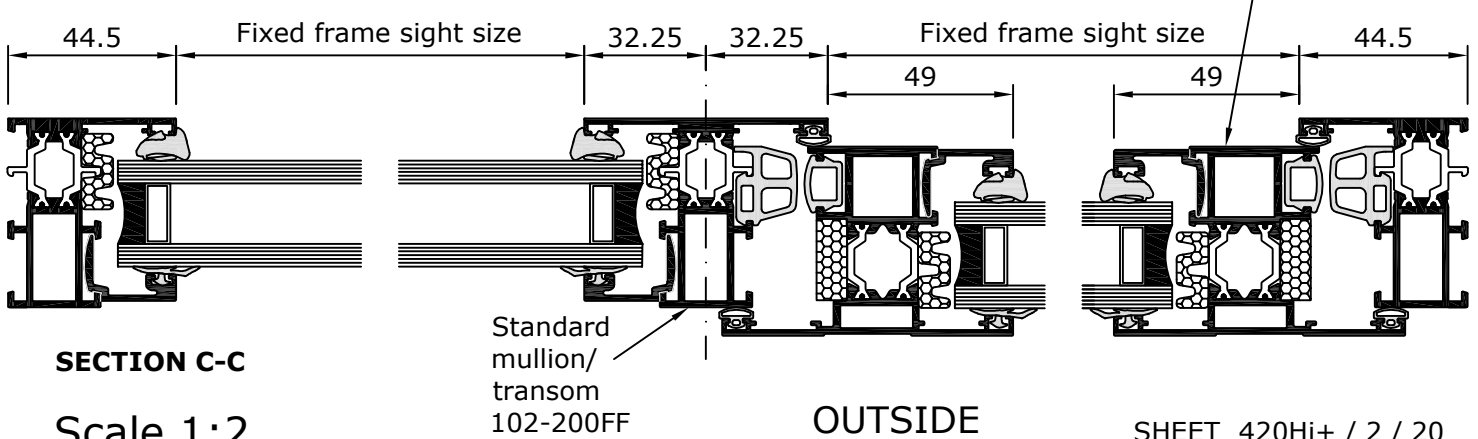
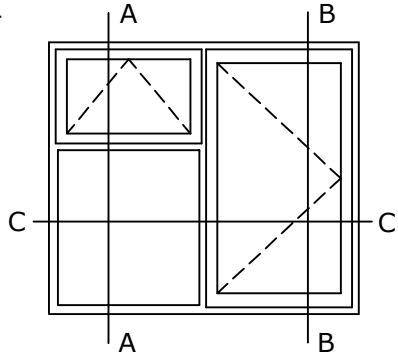
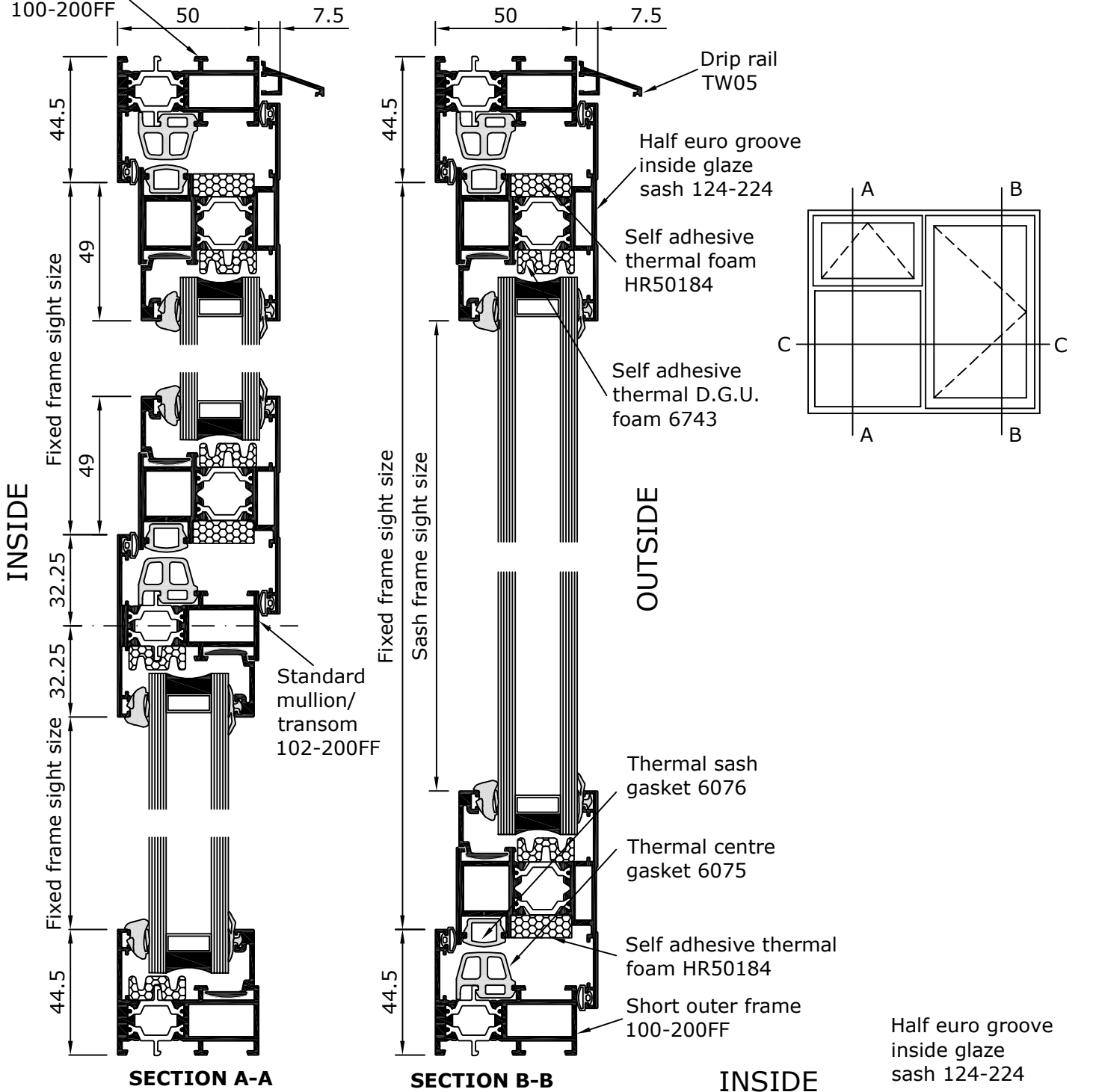
Half Euro Groove Glaze In Casement (Externally beaded fixed lights)



System 4-20Hi+

CASEMENT WINDOW

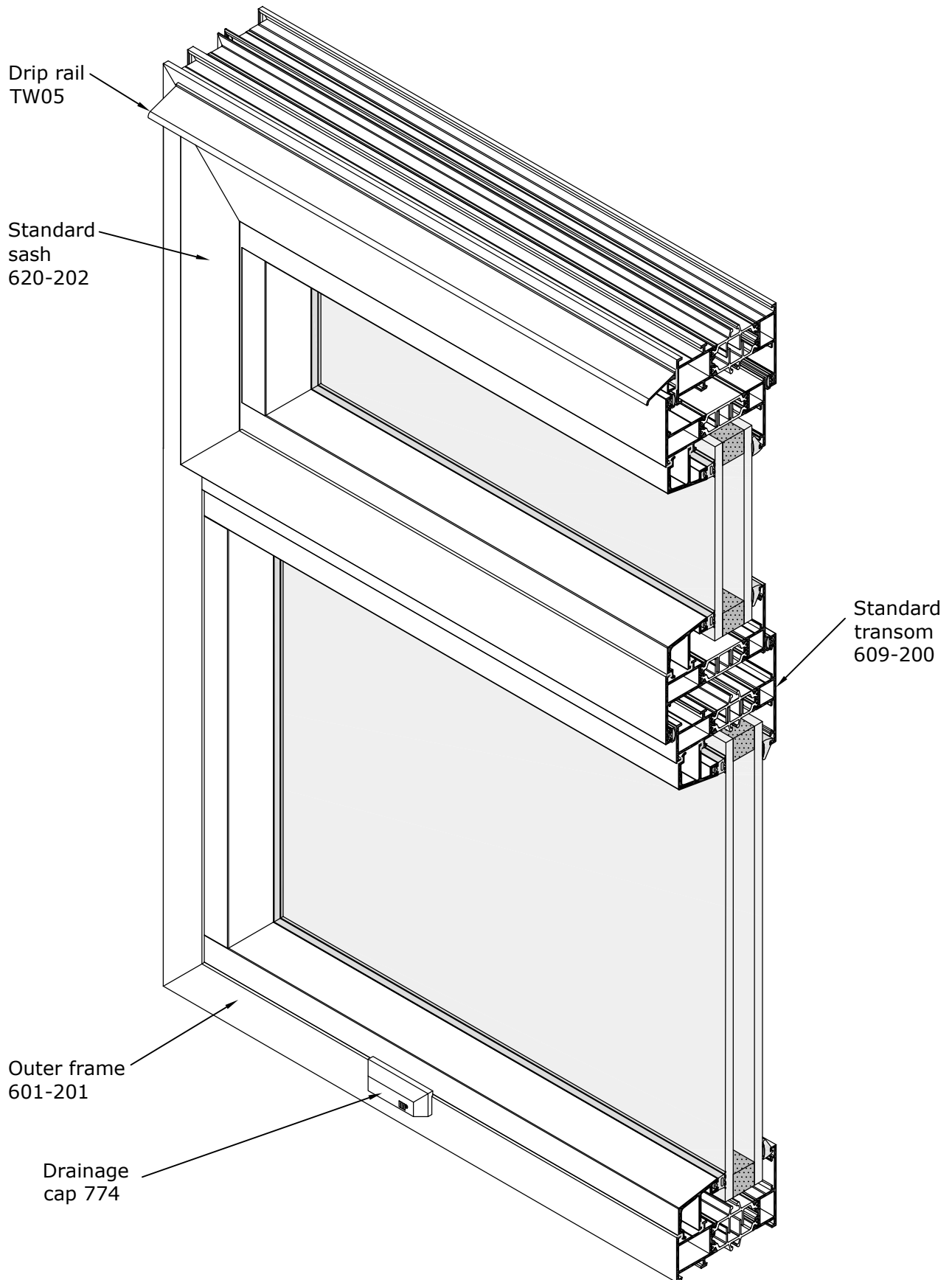
Short outer frame
100-200FF



Scale 1:2

General Arrangement

4-35Hi 3-Dimensional Assembly Detail



Not to scale

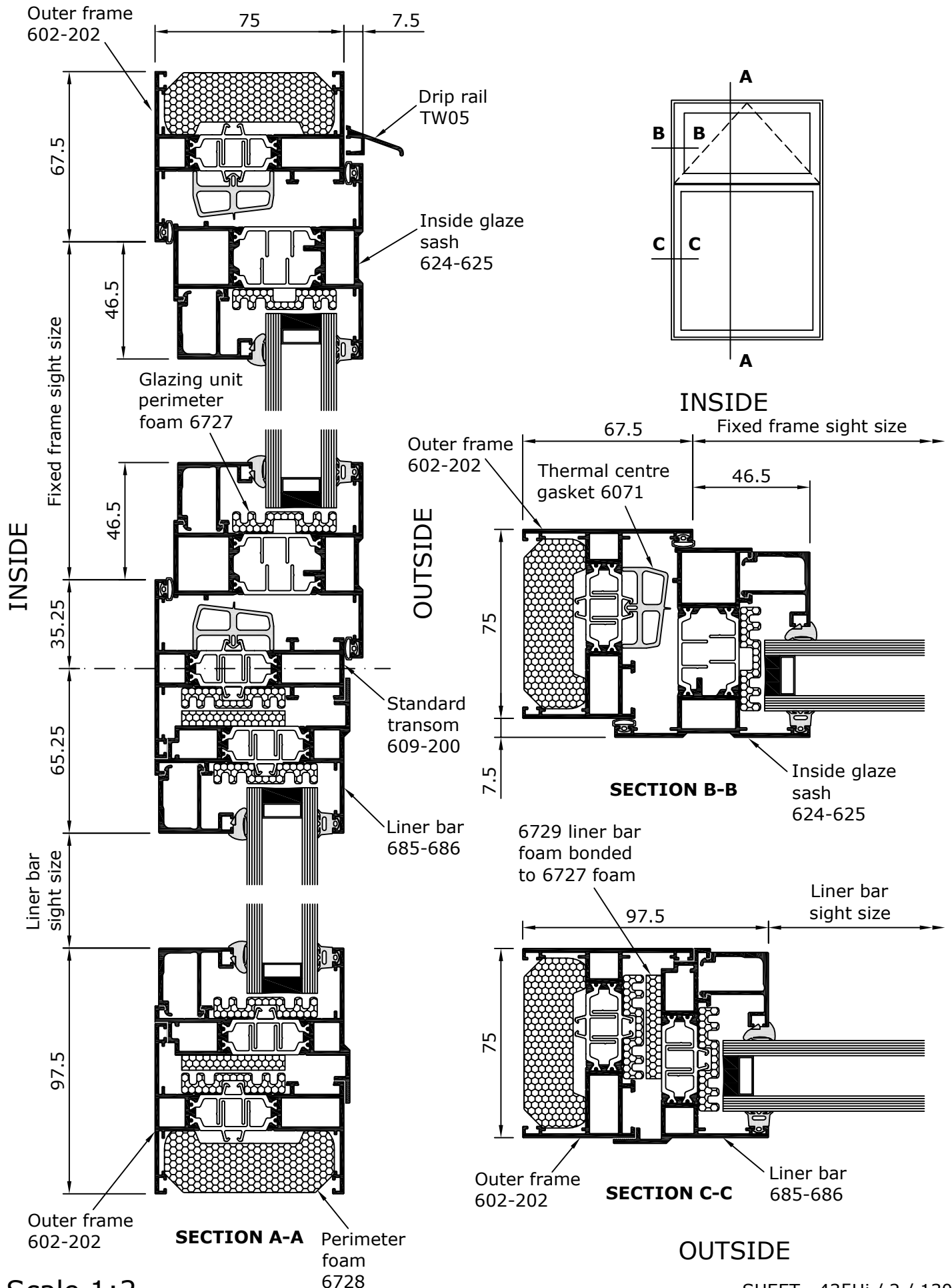
Glaze In Casement

Liner Bar to Fixed Lights



System 4-35 Hi+

CASEMENT WINDOW



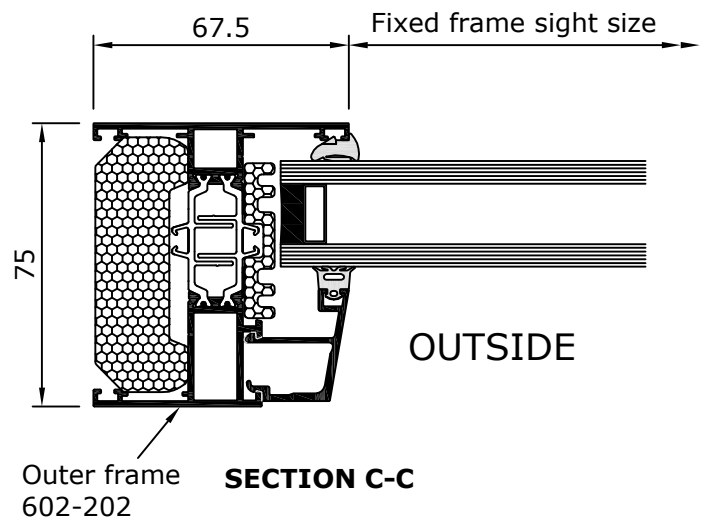
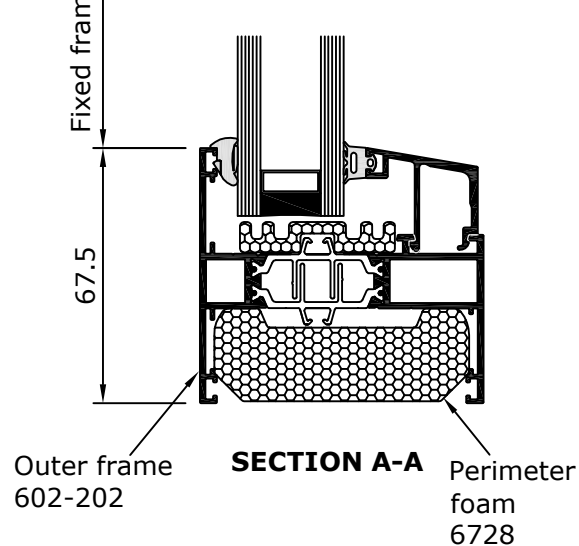
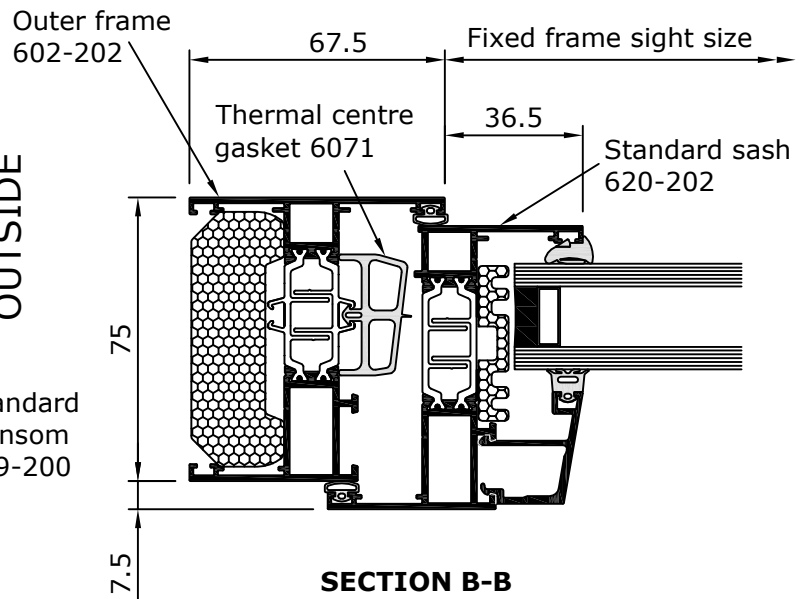
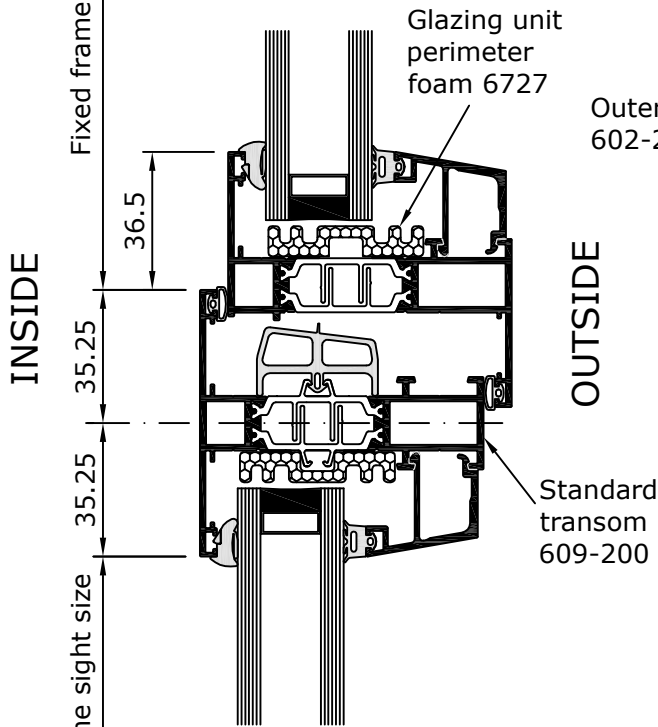
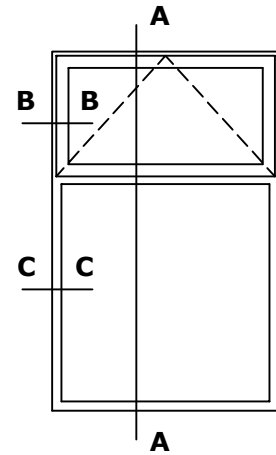
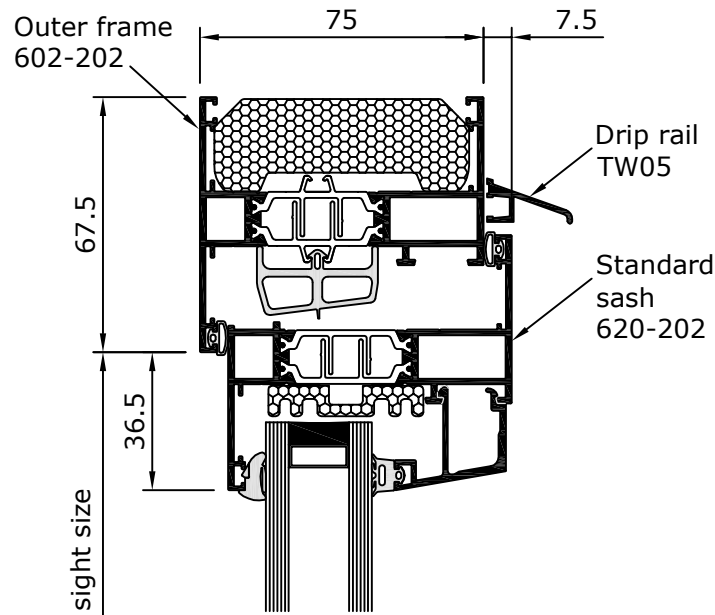
Scale 1:2

Standard Glaze Out Casement



System 4-35 Hi+

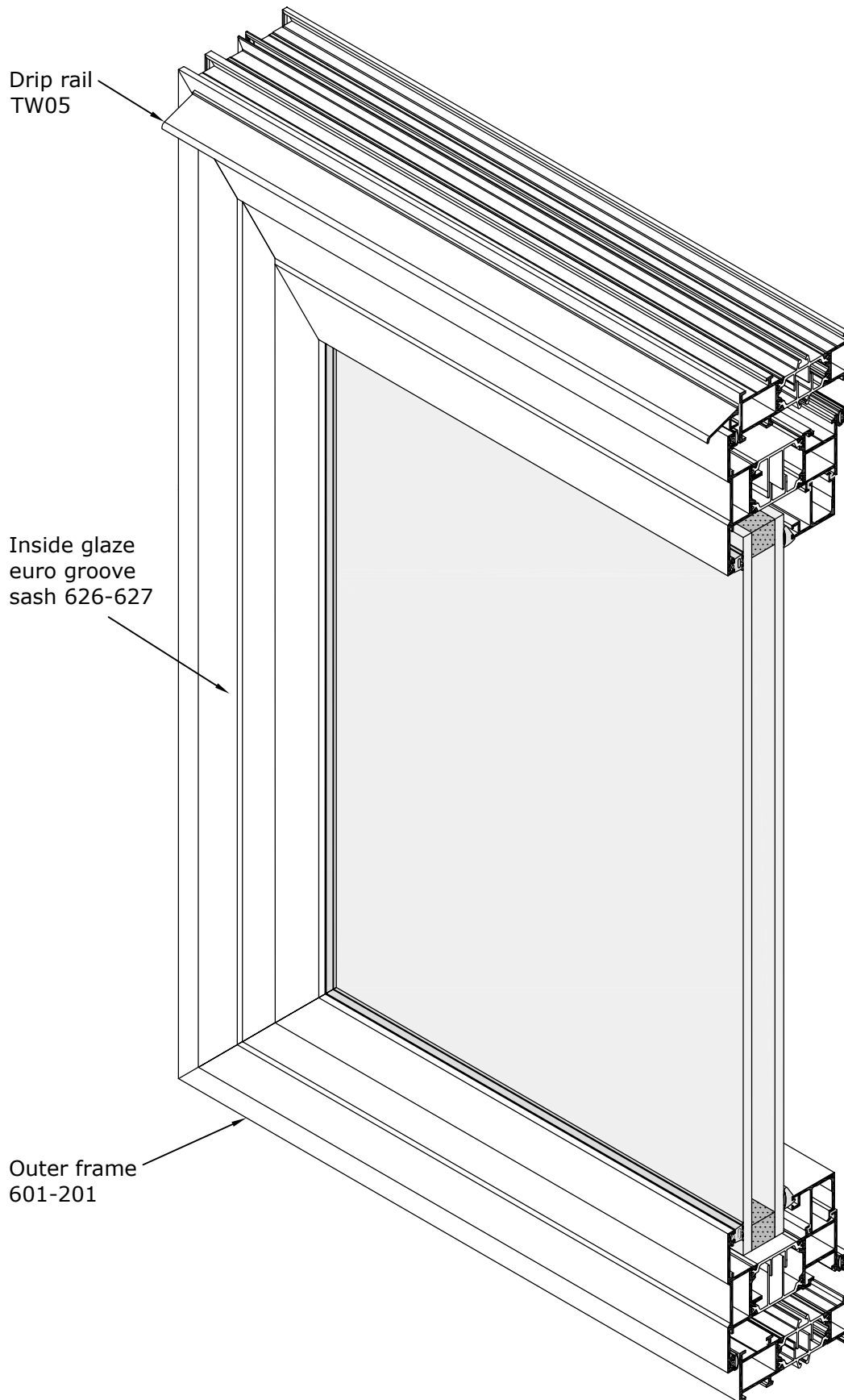
.....
 CASEMENT WINDOW



Scale 1:2

General Arrangement

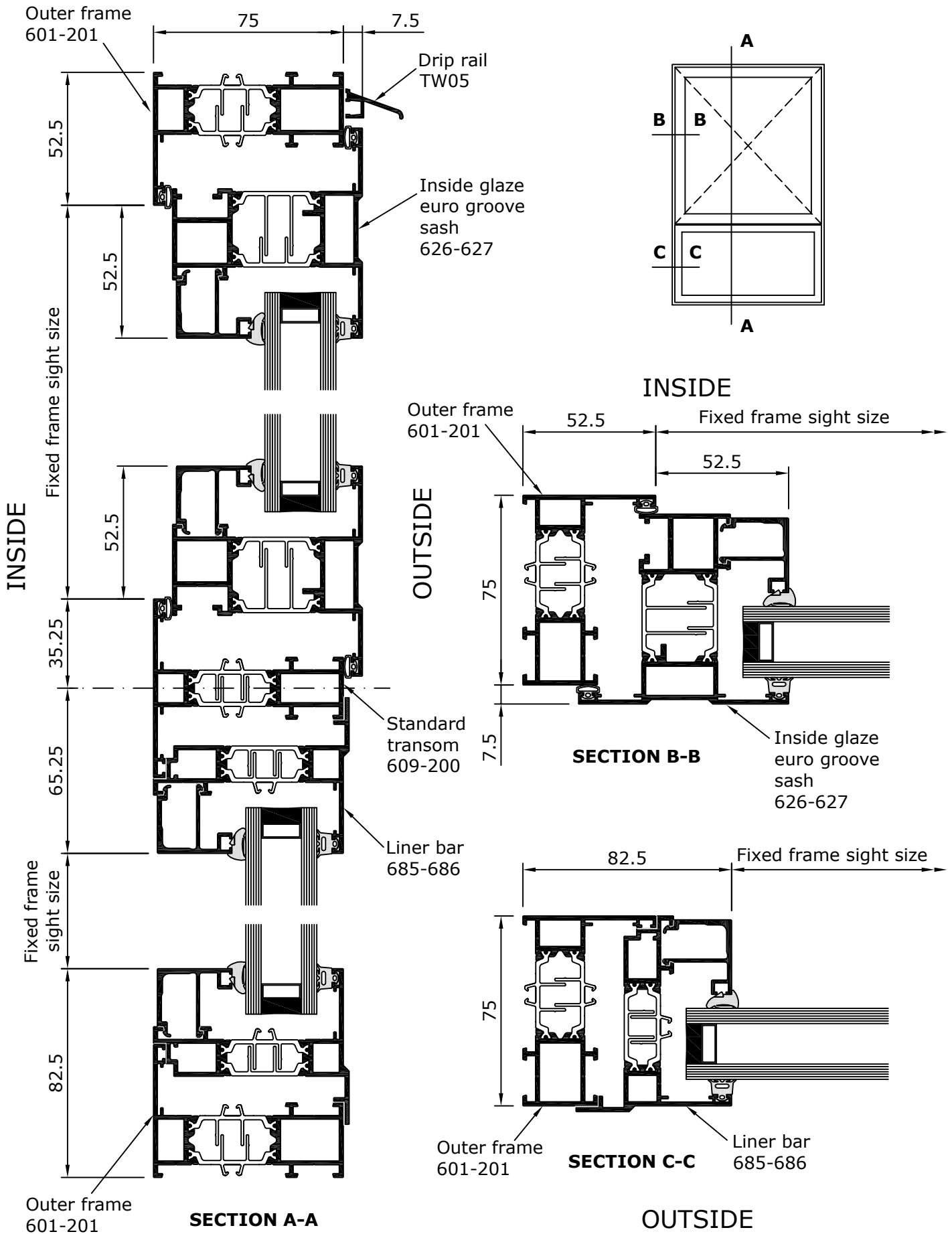
4-35Hi 3-Dimensional Assembly Detail



Not to scale

Parallel Opening Vent

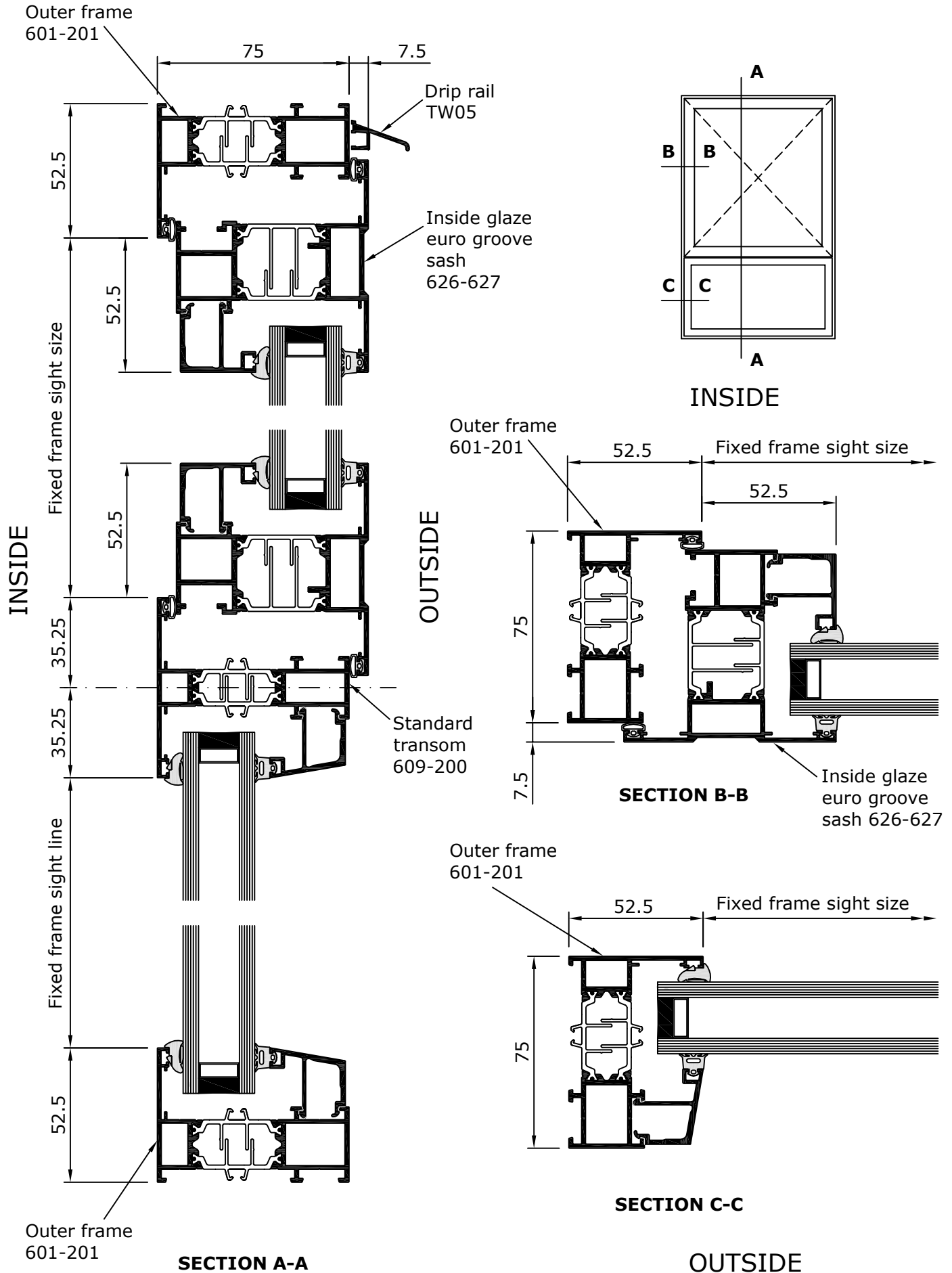
Liner Bar to Fixed Lights



Scale 1:2

Parallel Opening Vent

Externally Beaded Fixed Light



Scale 1:2

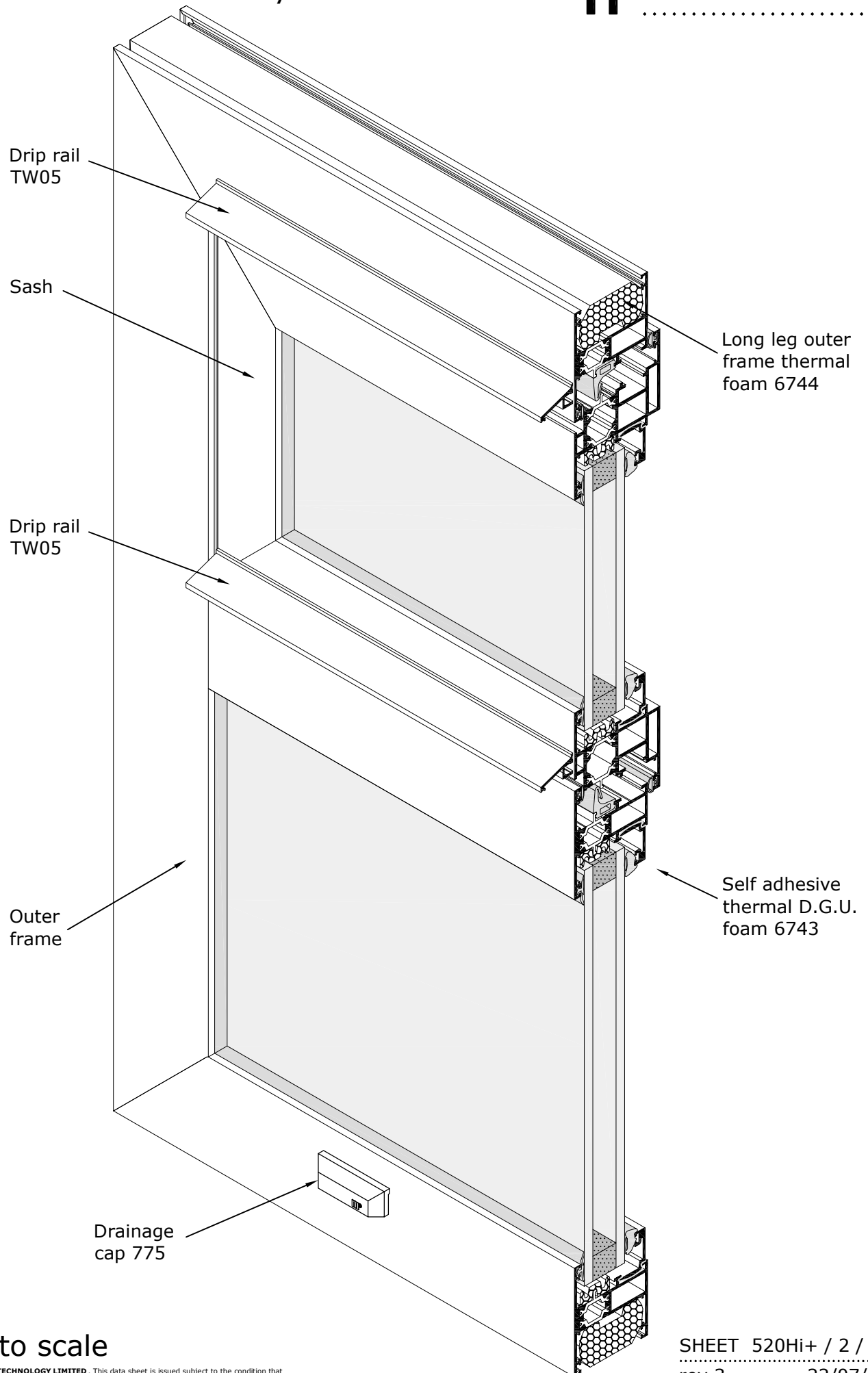
General Arrangement

3-Dimensional Assembly Details



System 5-20Hi+

TILT AND TURN WINDOW



Not to scale

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22/07/15

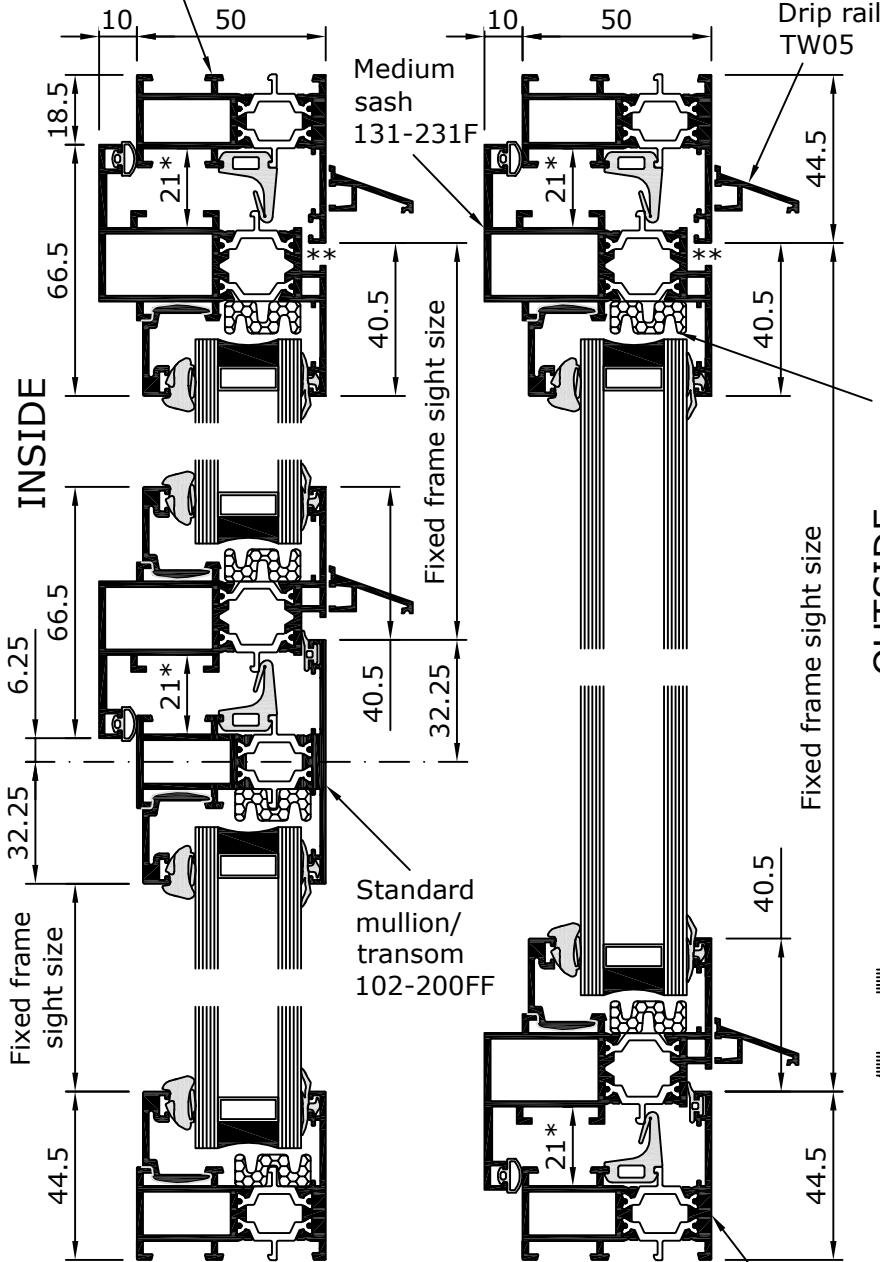
Medium Tilt and Turn Window



System 5-20Hi+

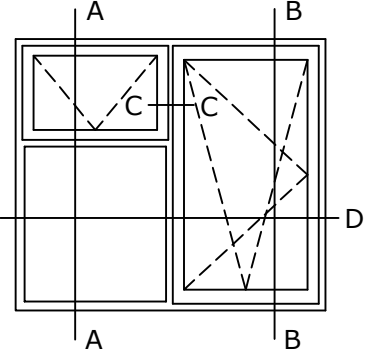
TILT AND TURN WINDOW

Short outer frame
100-200FF



* Tolerance to be in accordance with gearing manufacturers recommendations.

** Gasket notched/omitted for pressure equalisation

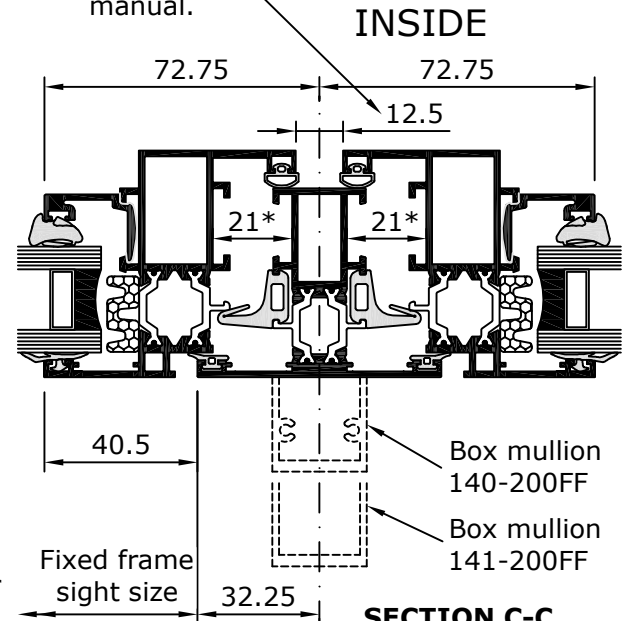
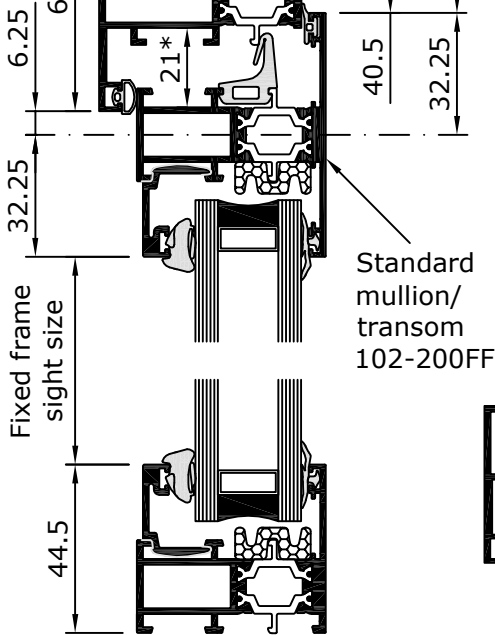


Self adhesive thermal D.G.U. foam 6743

OUTSIDE

Refer to sheet "Fittings (Hinges at Mullions)" in section 7 of this manual.

INSIDE

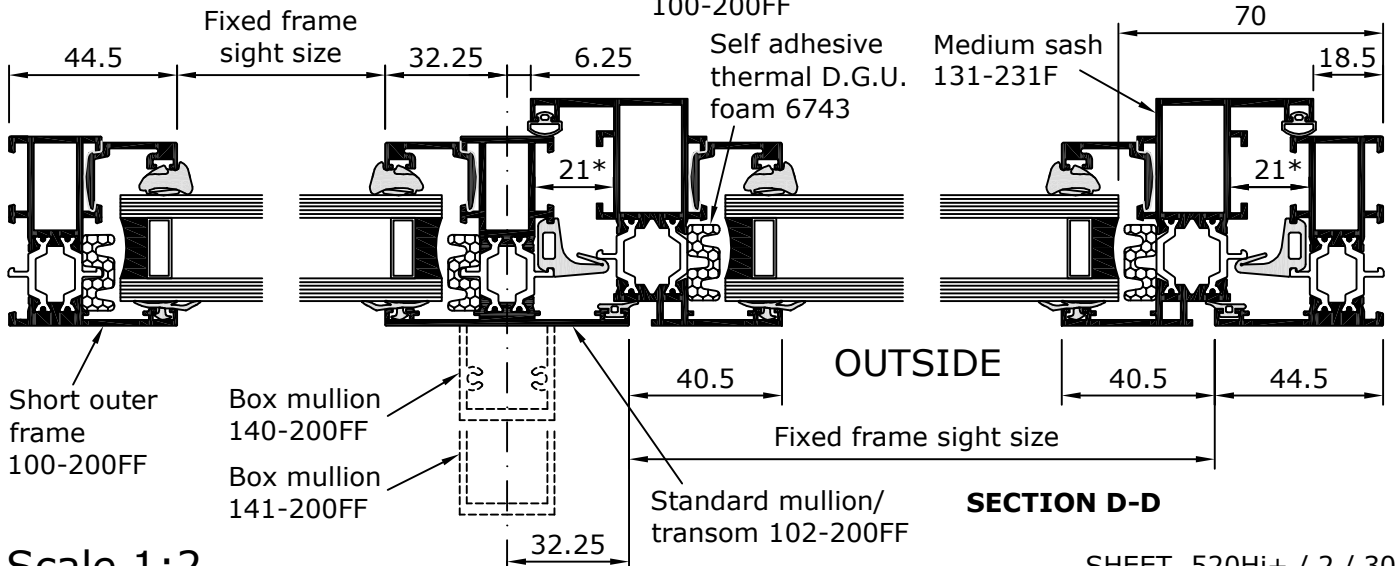


SECTION A-A

SECTION B-B

SECTION C-C

Short outer frame
100-200FF



SECTION D-D

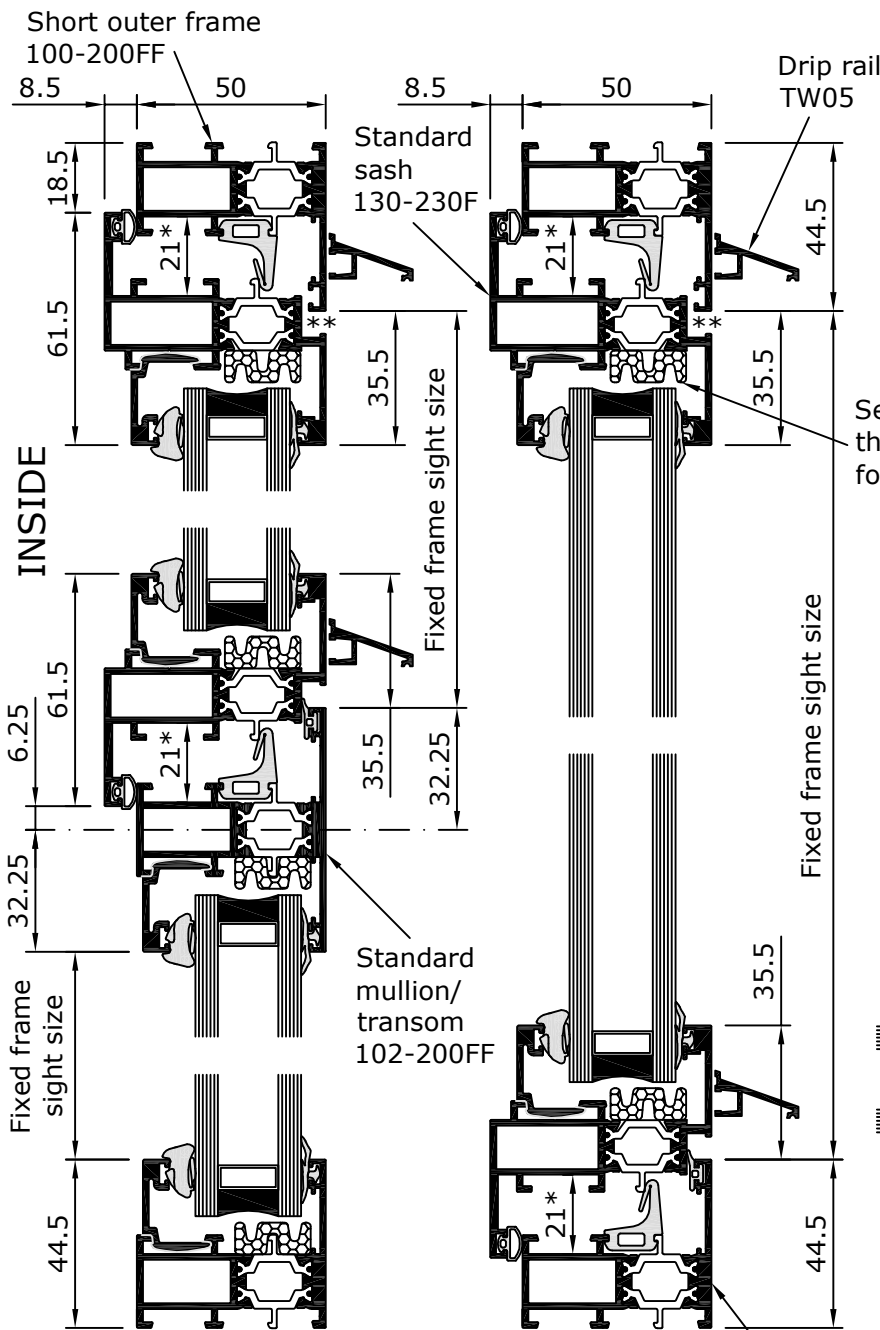
Scale 1:2

Standard Tilt and Turn Window System 5-20Hi+

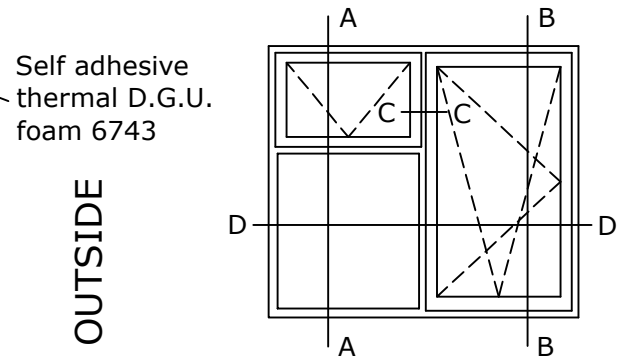


System 5-20Hi+

TILT AND TURN WINDOW



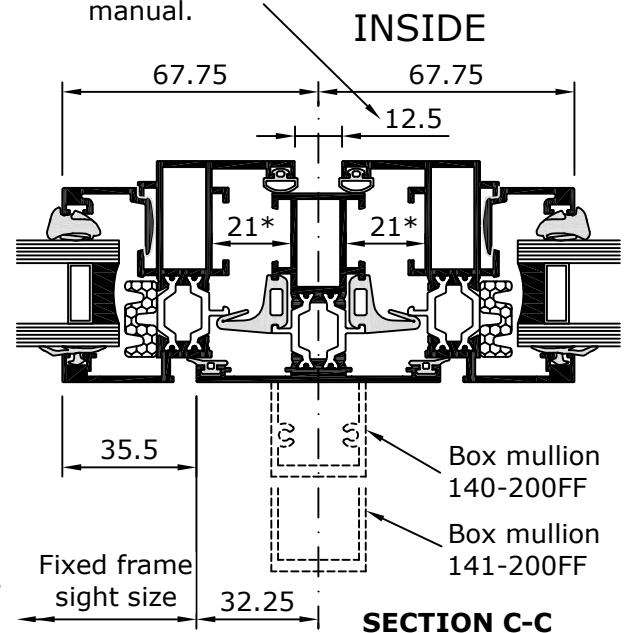
* Tolerance to be in accordance with gearing manufacturers recommendations.
 ** Gasket notched/omitted for pressure equalisation



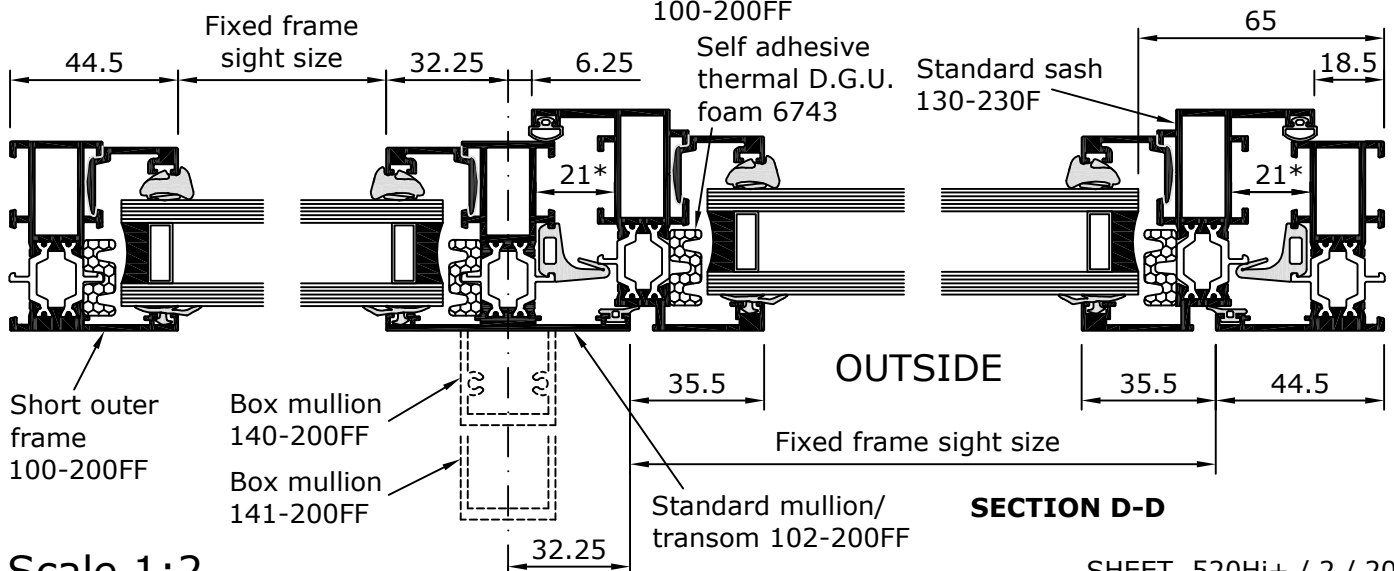
Refer to sheet "Fittings (Hinges at Mullions)" in section 7 of this manual.

SECTION A-A

SECTION B-B



SECTION C-C



SECTION D-D

Scale 1:2

SHEET 520Hi+ / 2 / 20

rev 3

22/07/15

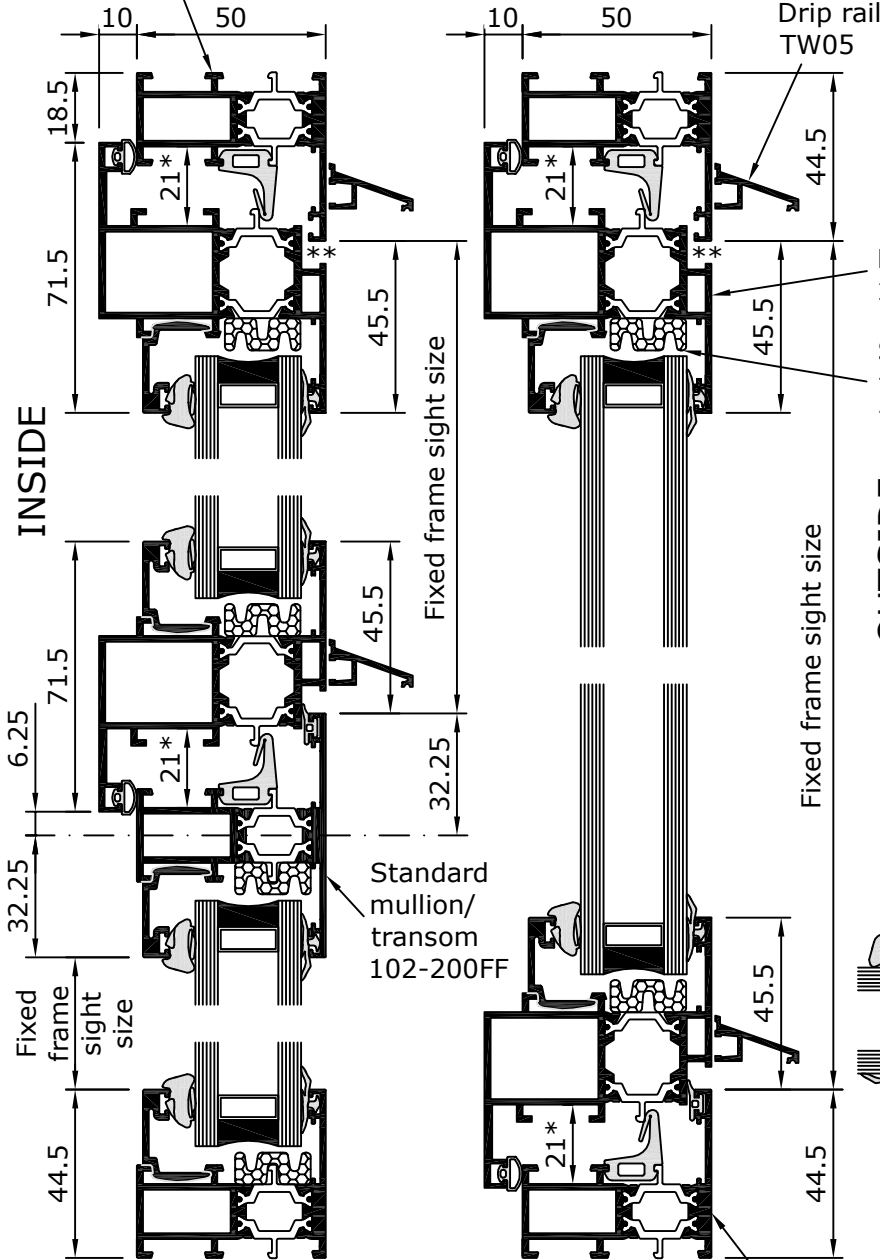
Heavy Tilt and Turn Window



System 5-20Hi+

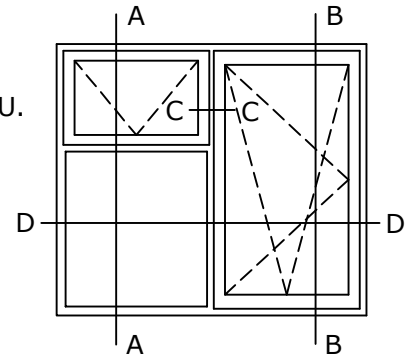
TILT AND TURN WINDOW

Short outer frame
100-200FF



* Tolerance to be in accordance with gearing manufacturers recommendations.

** Gasket notched/omitted for pressure equalisation

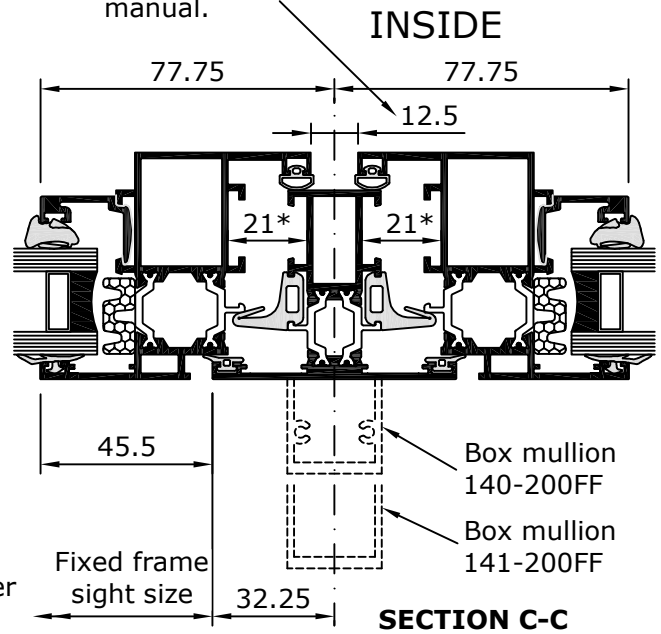


Refer to sheet "Fittings (Hinges at Mullions)" in section 7 of this manual.

SECTION A-A

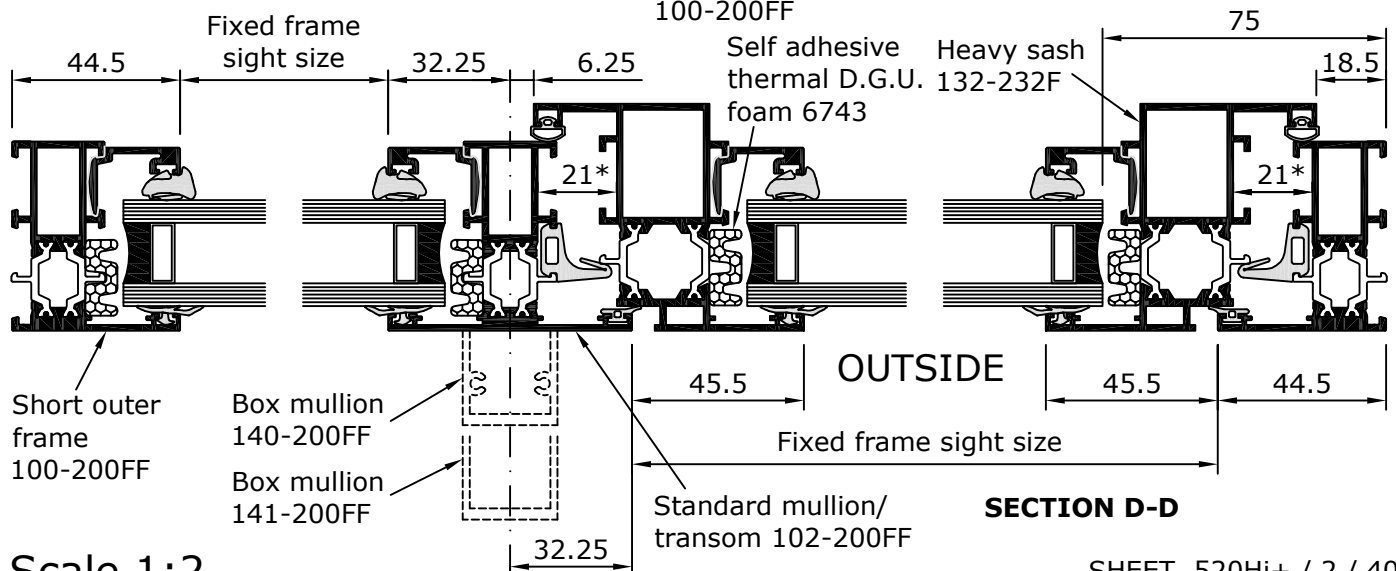
SECTION B-B

OUTSIDE



INSIDE

SECTION C-C



SECTION D-D

Scale 1:2

SHEET 520Hi+ / 2 / 40

rev 4

22/07/15

General Arrangement

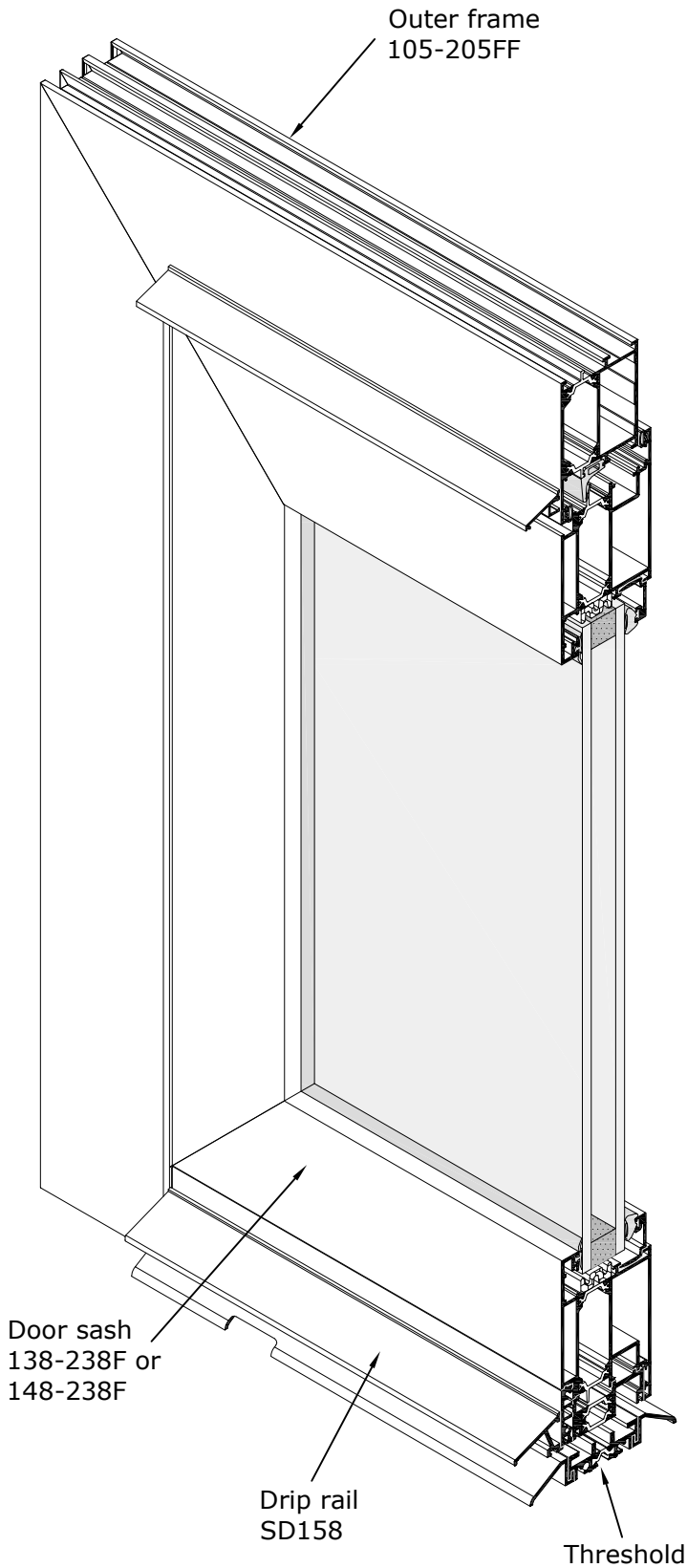
5-20D Hi+ 3-Dimensional Assembly Detail with Low Threshold



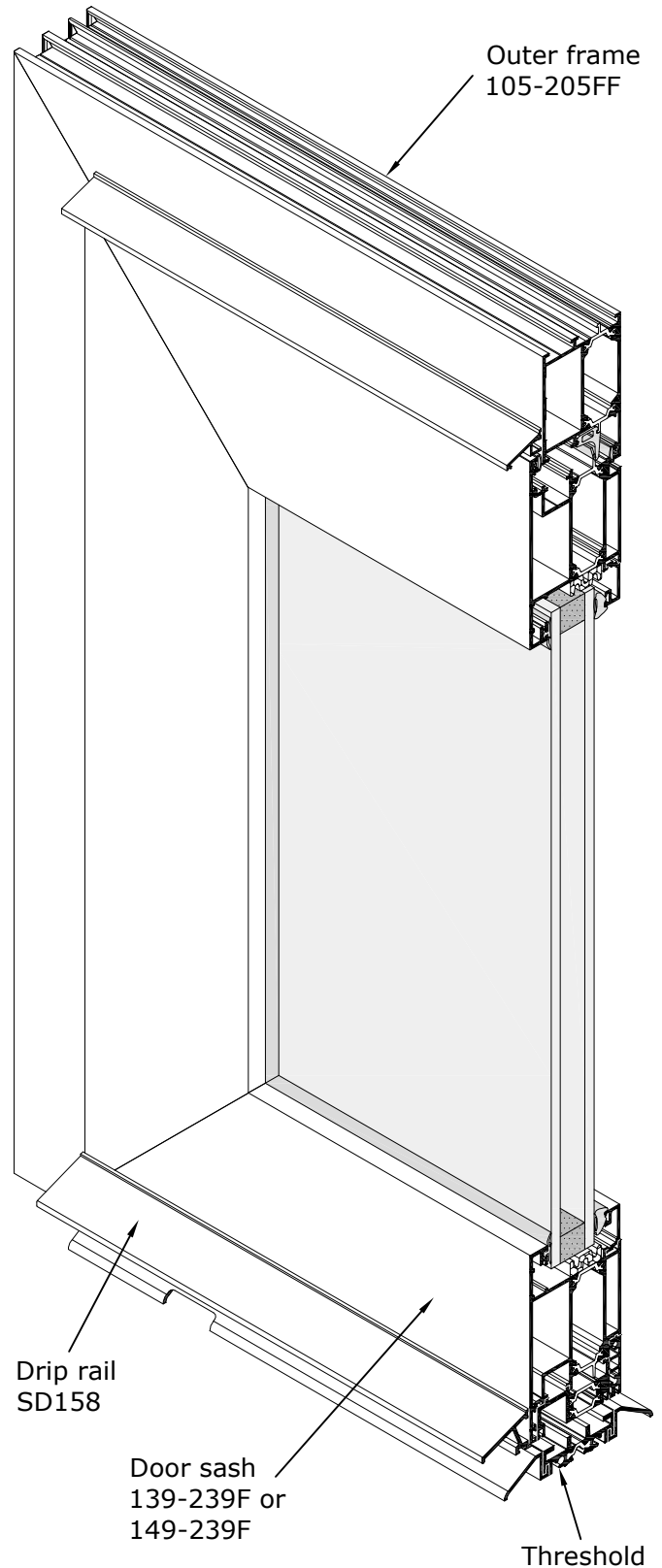
System 5-20D/Hi+

DOOR SYSTEM

OPEN IN DOOR



OPEN OUT DOOR



Not to Scale

Single Door Open-In

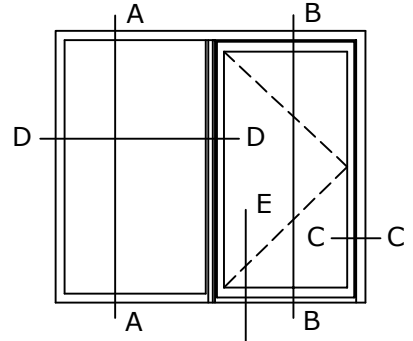


System 5-20D/Hi+

DOOR SYSTEM

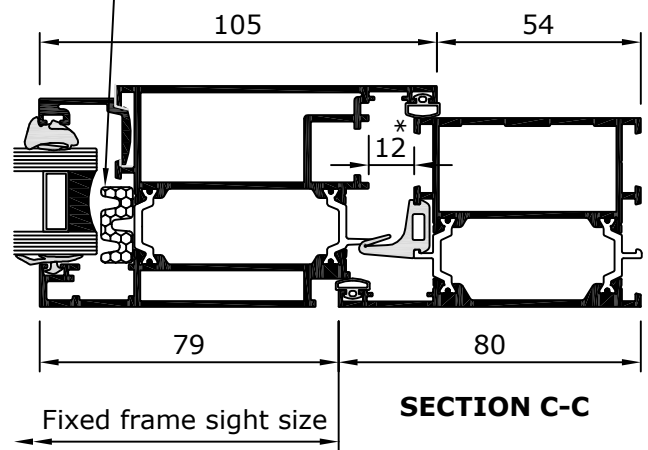
* Tolerance to be in accordance with door lock manufacturers recommendations.

** Gasket may be notched/omitted locally for pressure equalisation in exposed applications.



Self adhesive thermal D.G.U. foam 6743

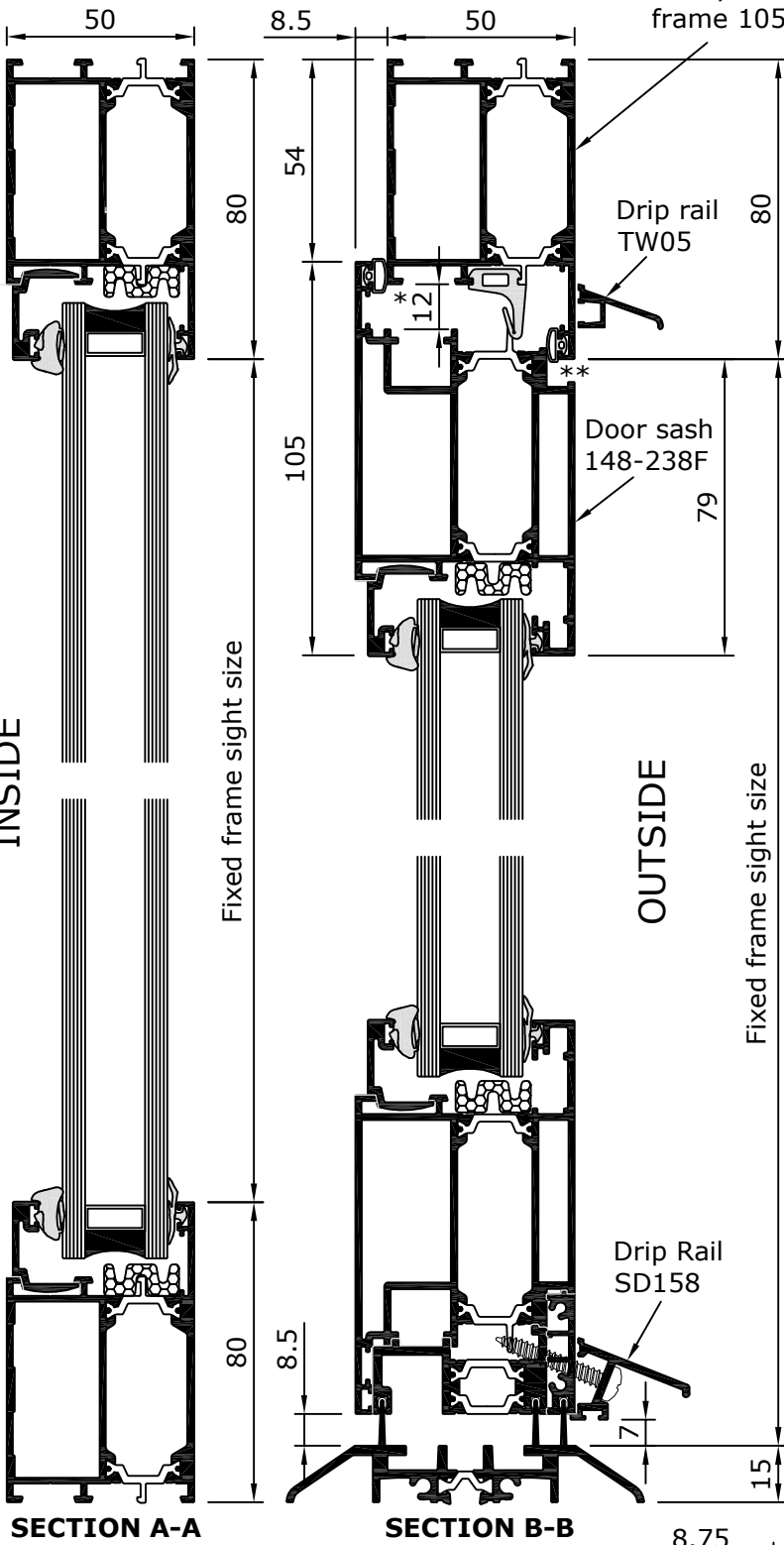
INSIDE



SECTION C-C

Door sash 148-238F

Self adhesive thermal D.G.U. foam 6743



INSIDE

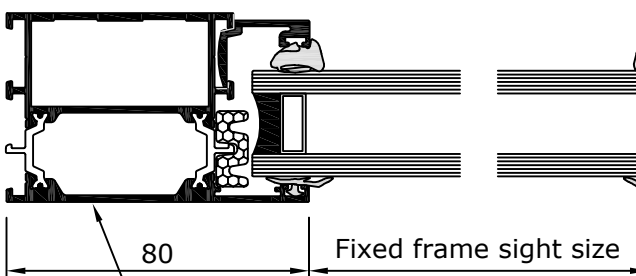
OUTSIDE

Fixed frame sight size

Fixed frame sight size

SECTION A-A

SECTION B-B



Heavy short leg outer frame 105-205FF

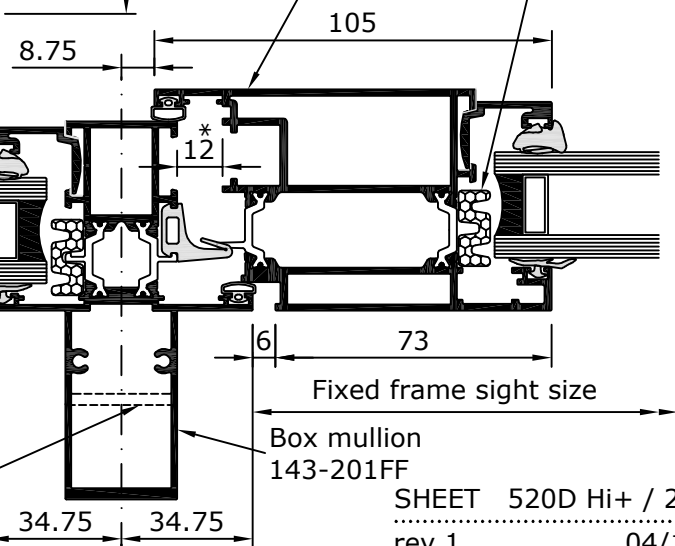
OUTSIDE

SECTION D-D

Box mullion 142-201FF

Box mullion 143-201FF

Fixed frame sight size



Scale 1:2

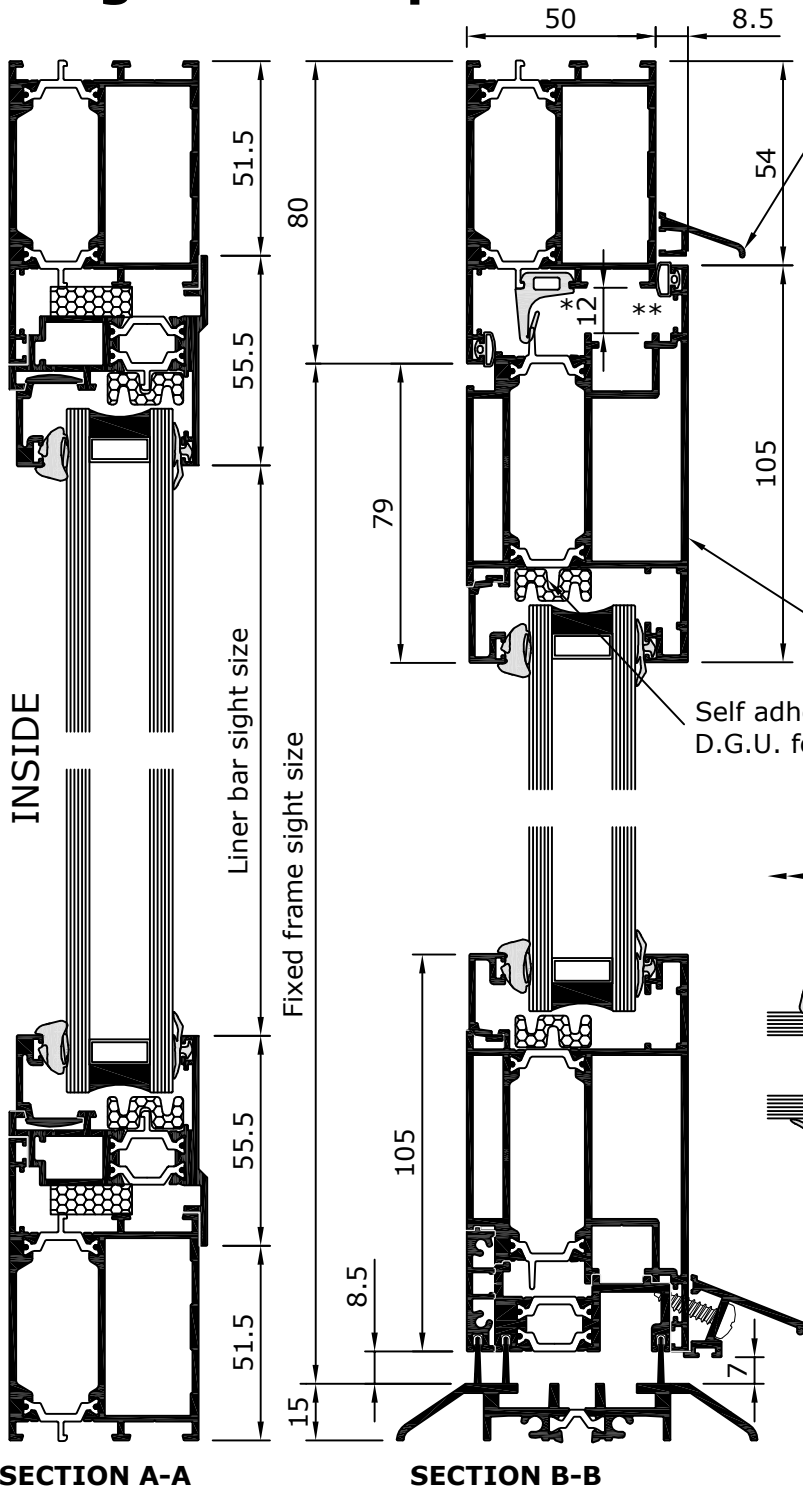
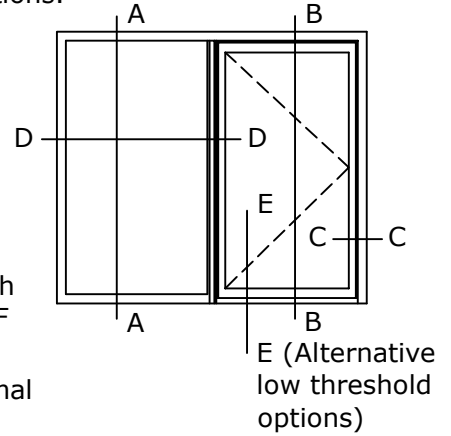
Single Door Open-Out



System 5-20D/Hi+

.....
 Drip rail TW05
 DOOR SYSTEM

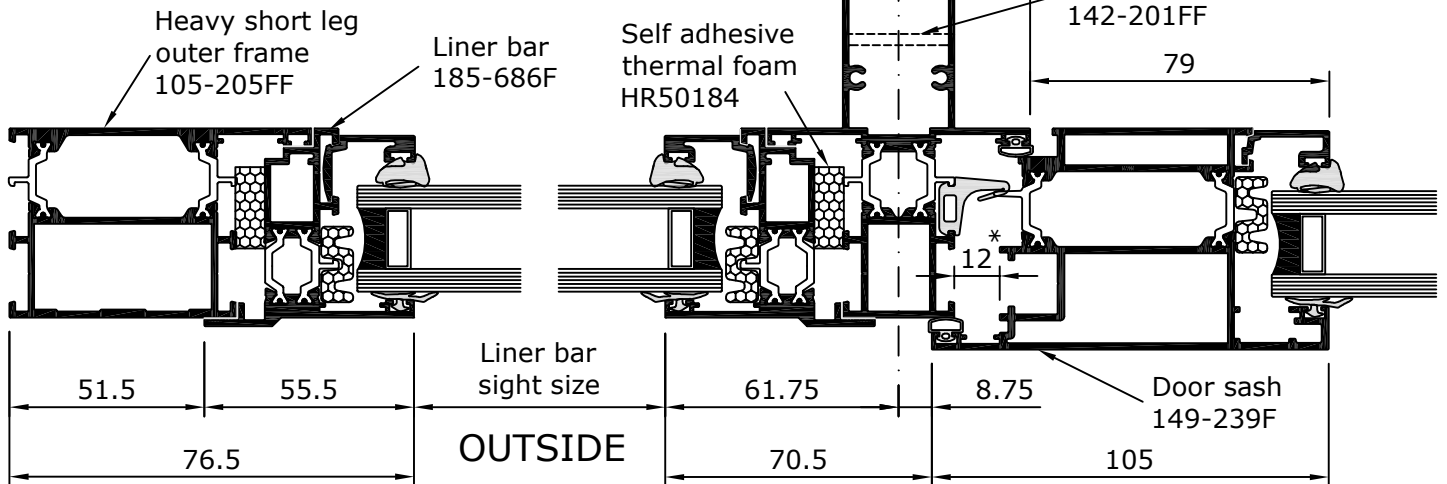
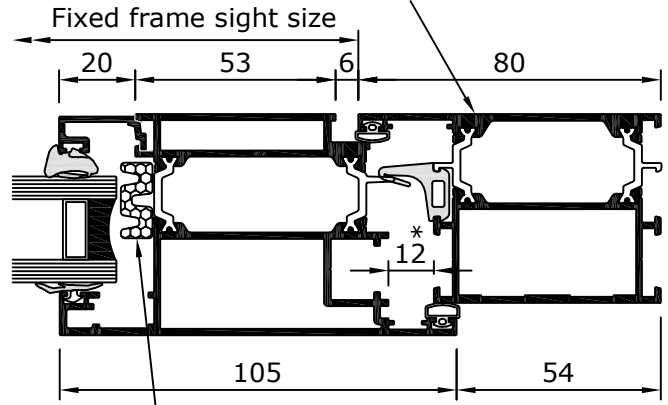
* Tolerance to be in accordance with door lock manufacturers recommendations.
 ** Gasket may be notched/omitted locally for pressure equalisation in exposed applications.



OUTSIDE

INSIDE

INSIDE



SECTION A-A

SECTION B-B

SECTION C-C

SECTION D-D

Scale 1:2

SHEET 520D Hi+ / 2 / 50
 rev 2 18/12/13

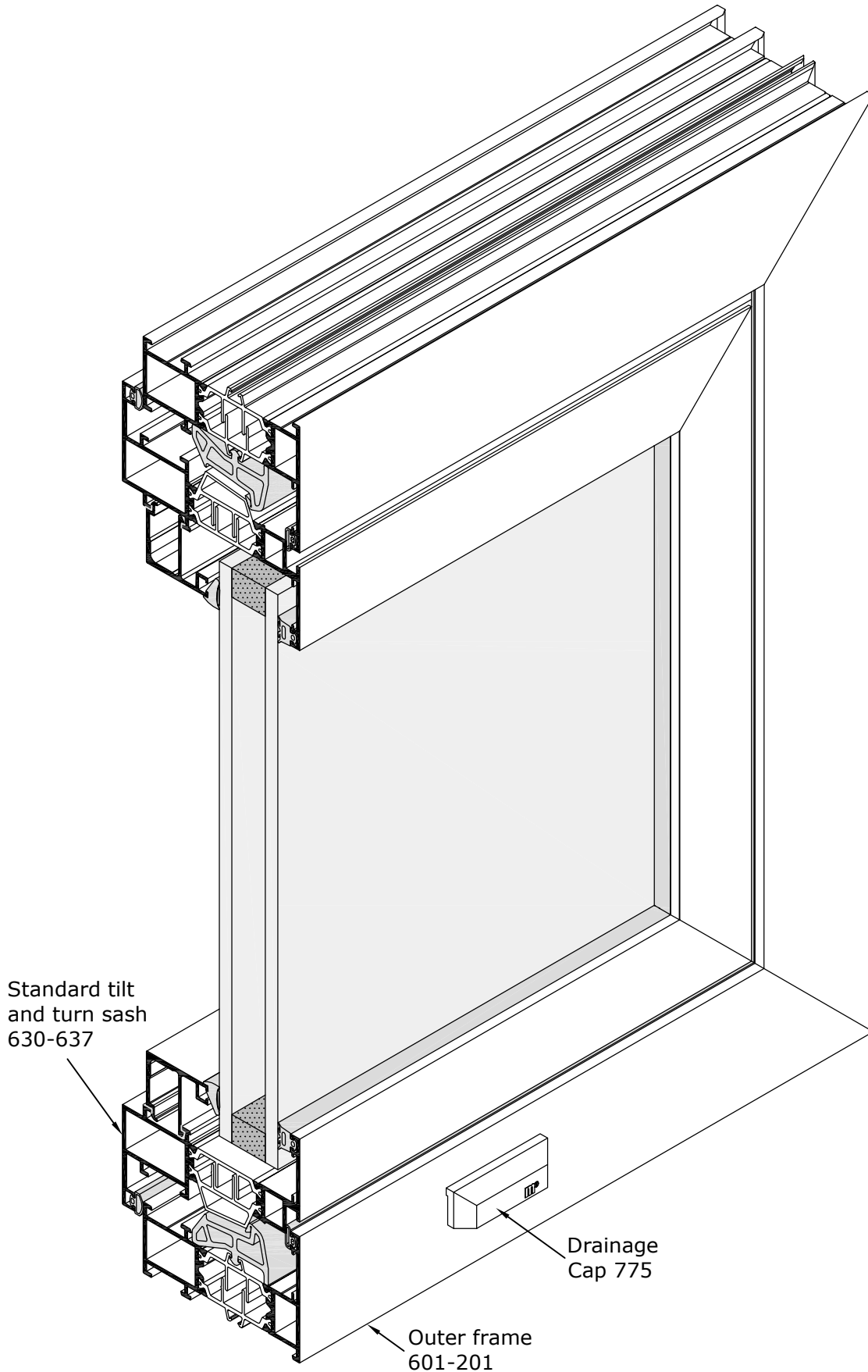
General Arrangement

5-35Hi 3-Dimensional Assembly Details



System 5-35 Hi

.....
TILT AND TURN WINDOW
.....



Not to scale

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SHEET 535Hi / 2 / 10

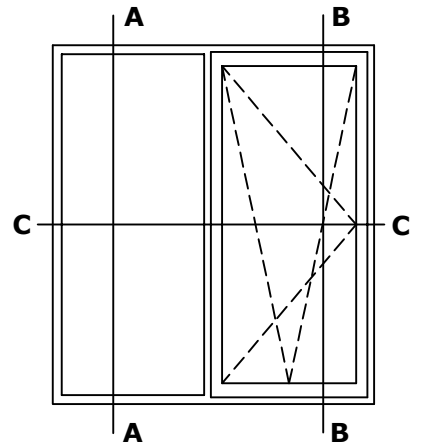
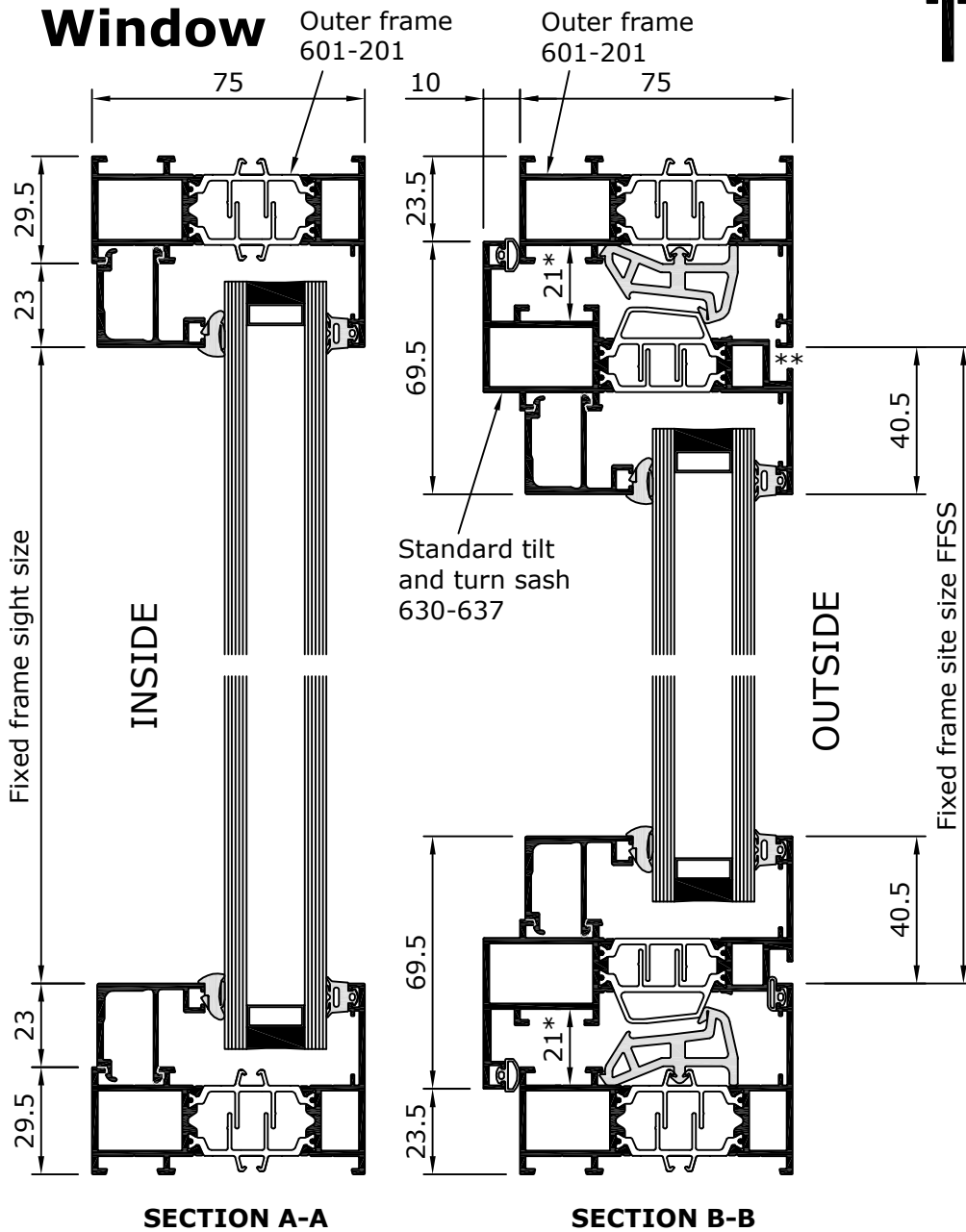
rev 7 19/08/15

Standard Tilt and Turn Window

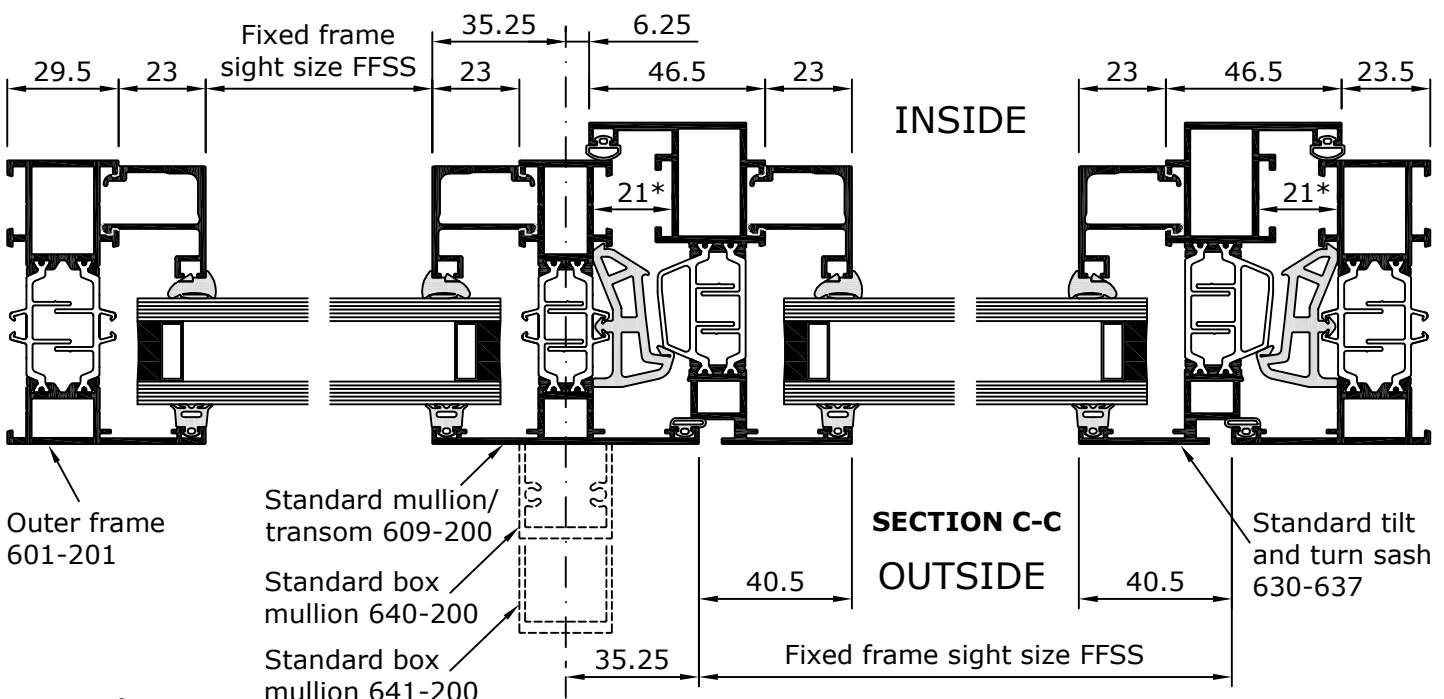


System 5-35 Hi

TILT AND TURN WINDOW



- * Tolerance to be in accordance with gearing manufacturers recommendations.
- ** Gasket notched/omitted for pressure equalisation



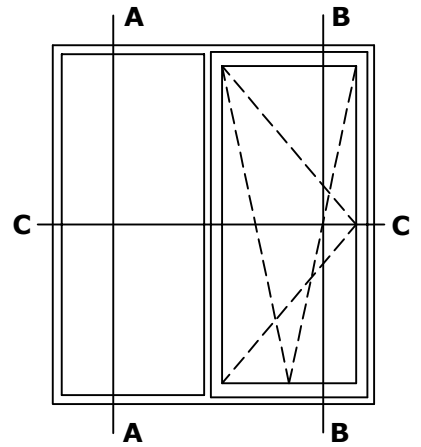
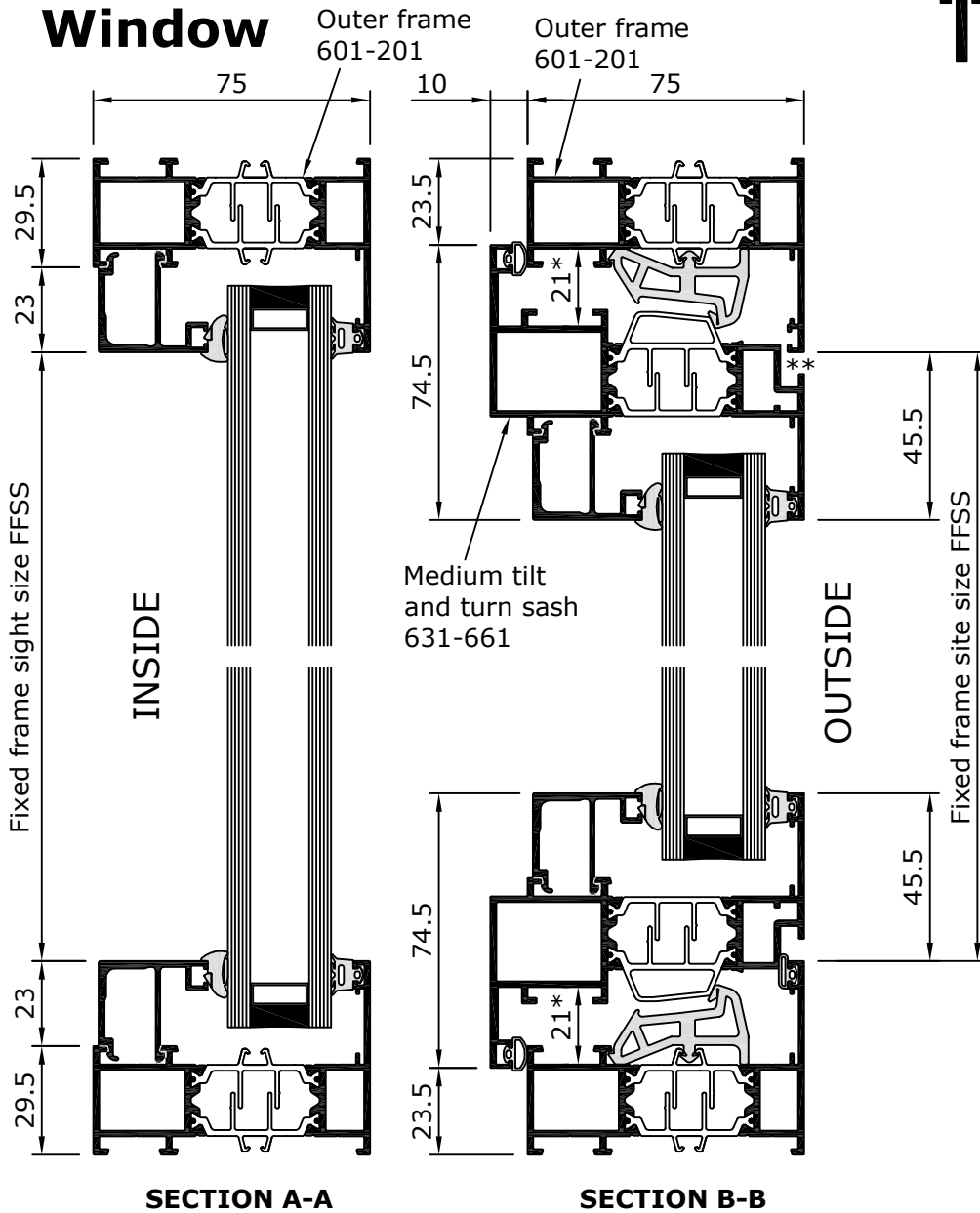
Scale 1:2

Medium Tilt and Turn Window

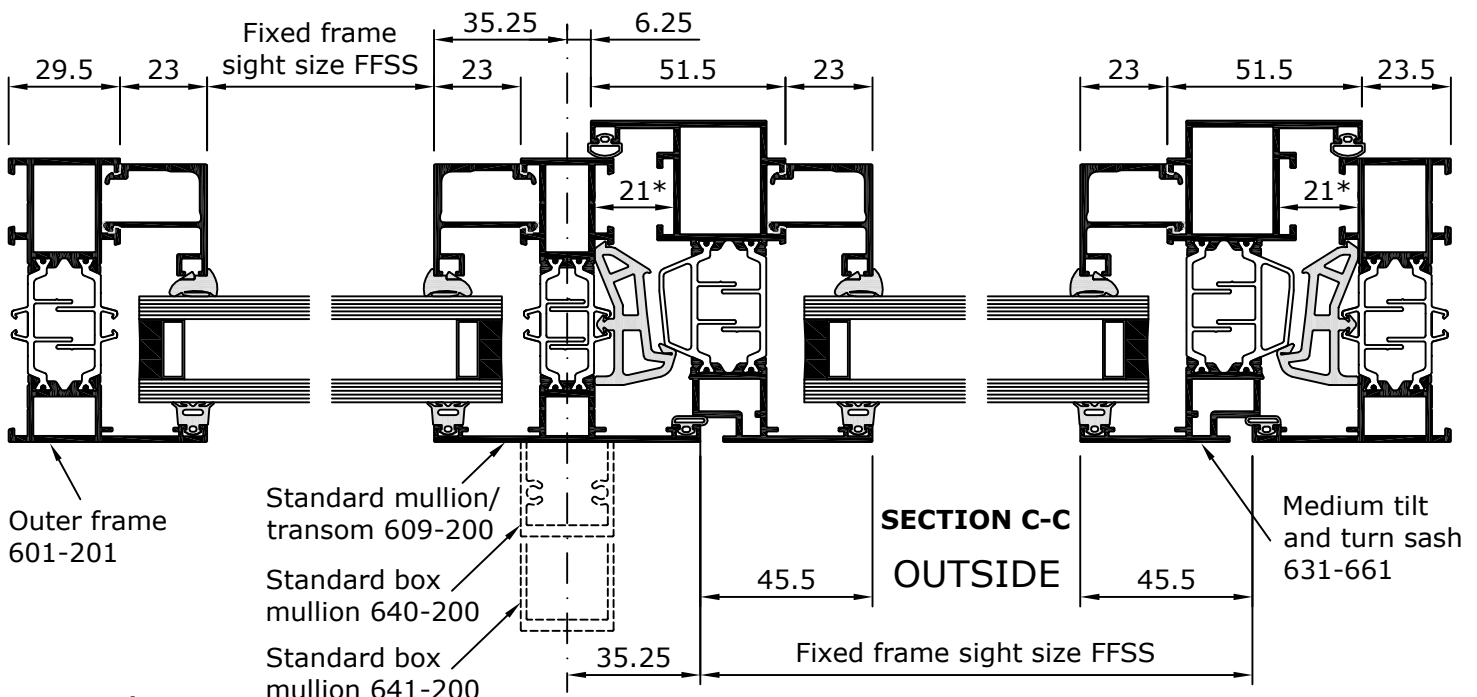


System 5-35 Hi

TILT AND TURN WINDOW



- * Tolerance to be in accordance with gearing manufacturers recommendations.
- ** Gasket notched/omitted for pressure equalisation



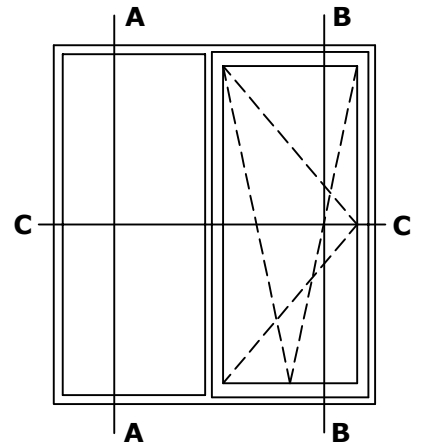
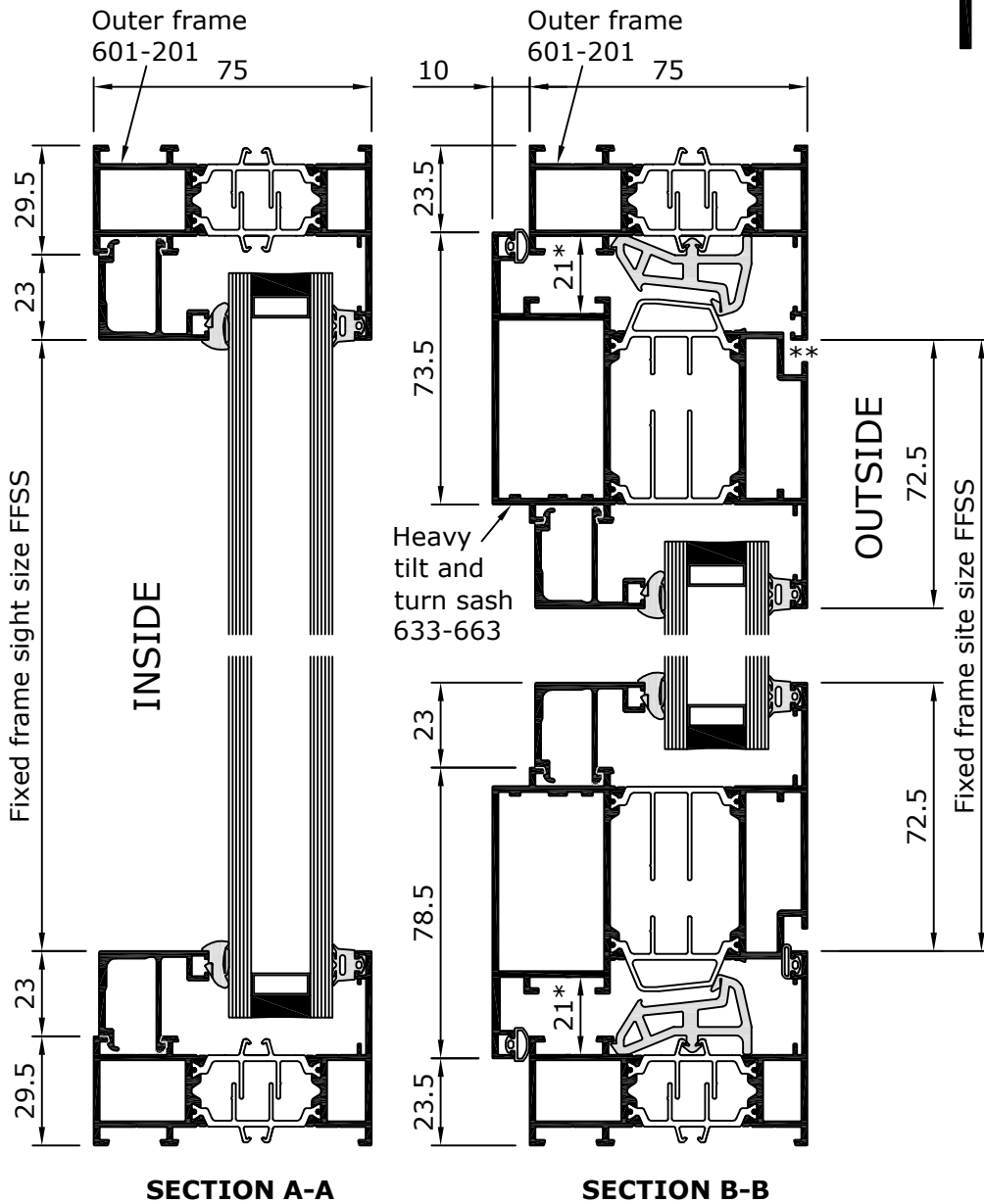
Scale 1:2

Heavy Tilt and Turn Window

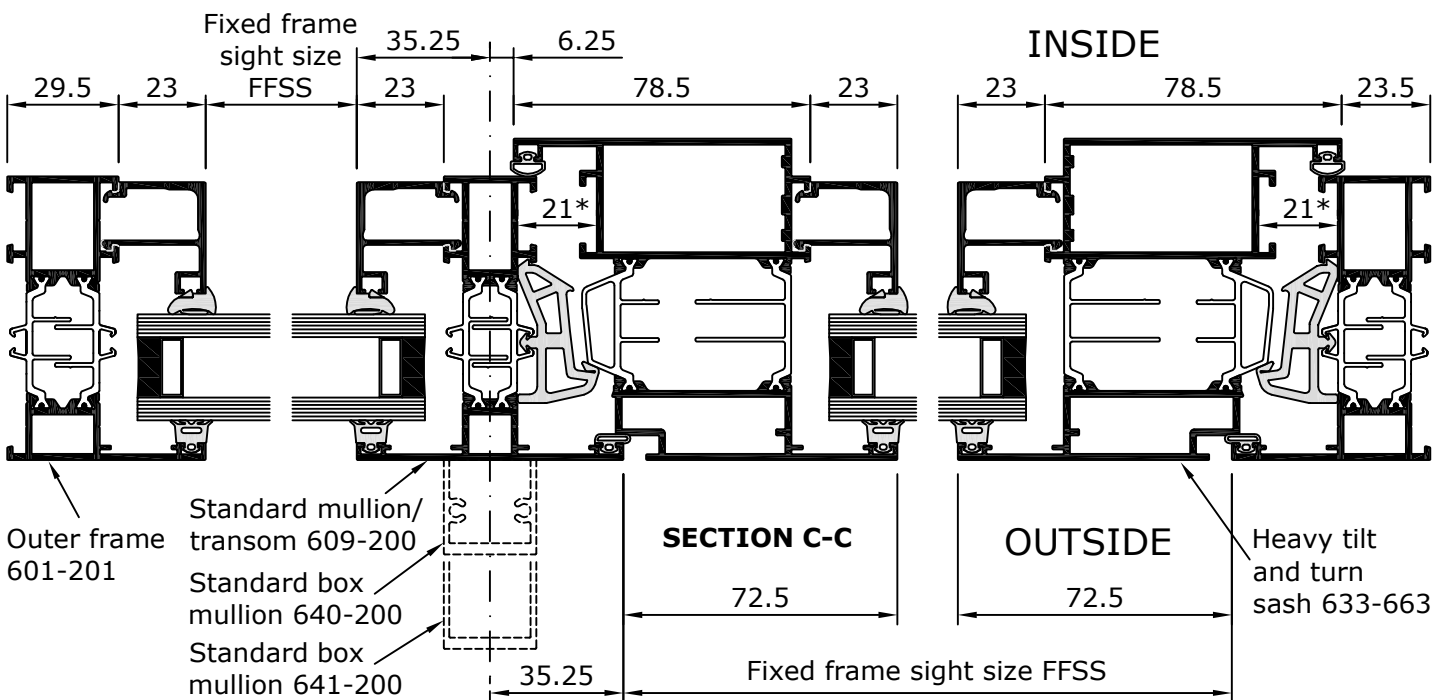


System 5-35 Hi

TILT AND TURN WINDOW



- * Tolerance to be in accordance with gearing manufacturers recommendations.
- ** Gasket notched/omitted for pressure equalisation



Scale 1:2

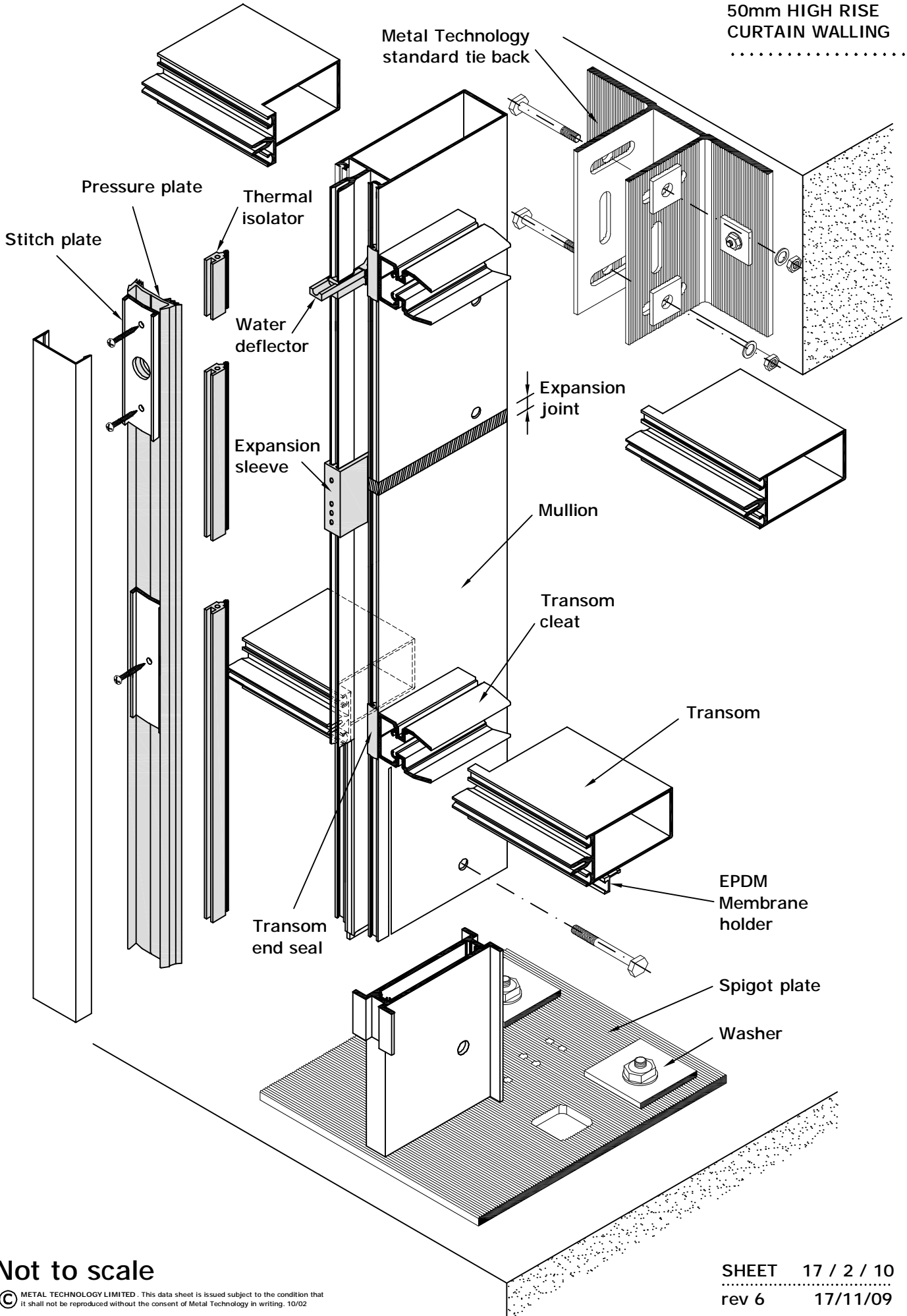
General Arrangement

3-Dimensional Assembly Detail



System 17

50mm HIGH RISE
CURTAIN WALLING



Not to scale

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SHEET 17 / 2 / 10
rev 6 17/11/09

General Arrangement

Head, Jamb and Intermediate Mullion Details

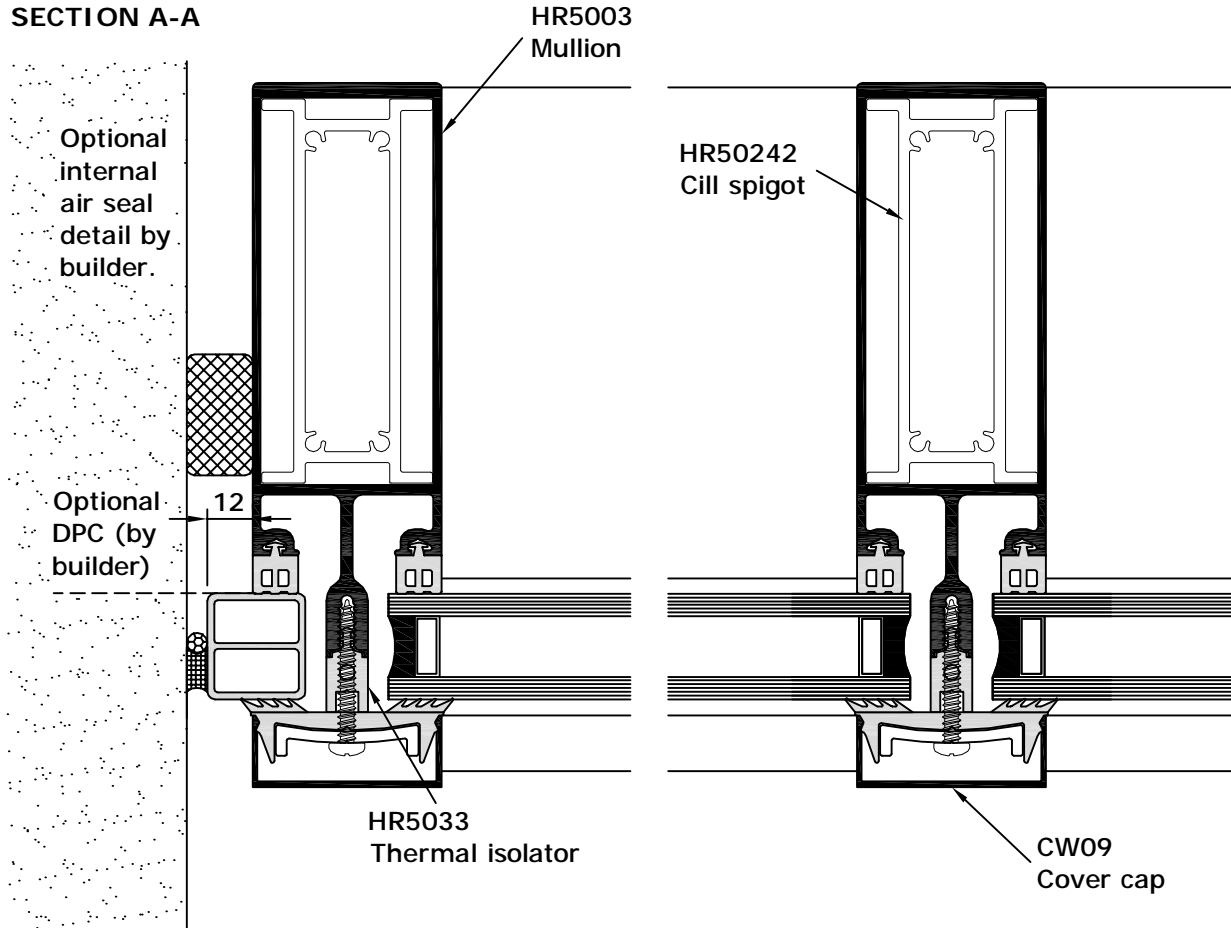


System 17

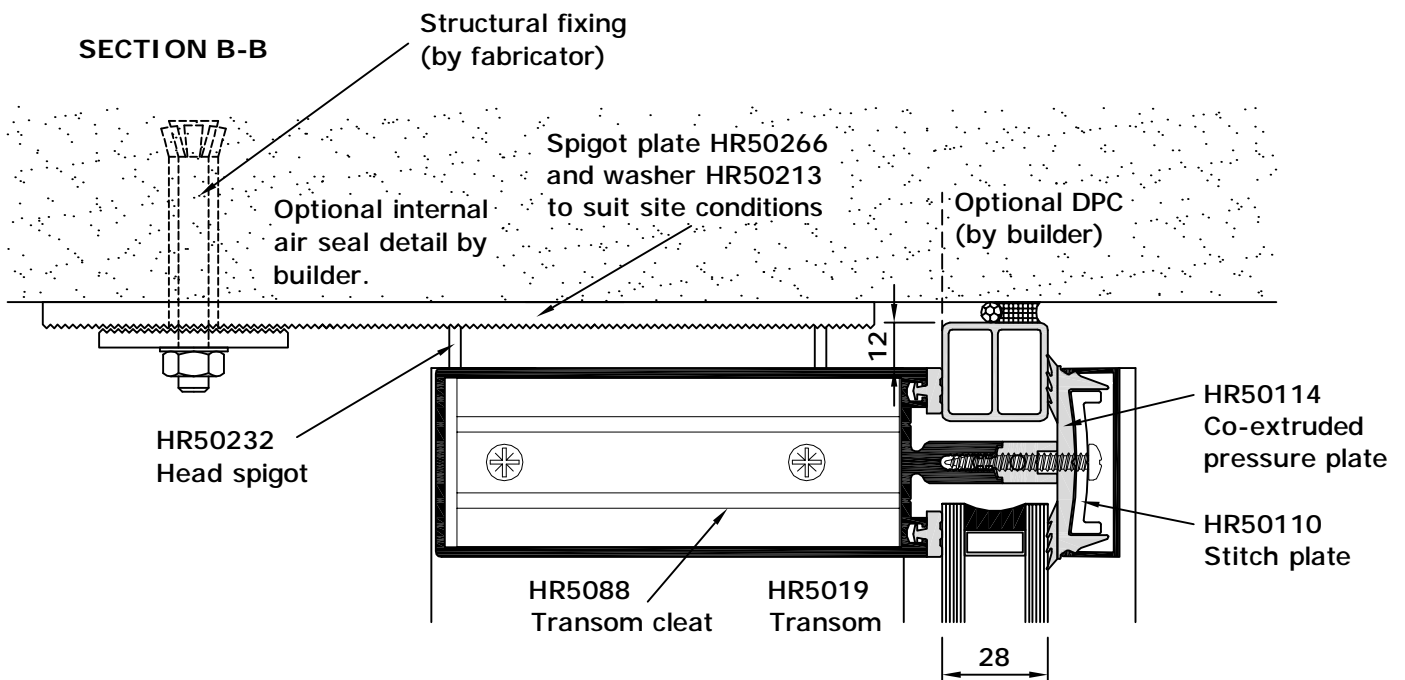
50mm HIGH RISE
CURTAIN WALLING

Perimeter weathering detail to structure to be determined by the fabricator to suit site conditions and DPC/DPM location.
All sections, spigots, brackets and fixings to be sized by a structural engineer to suit site conditions.

SECTION A-A



SECTION B-B



Scale 1:2

SHEET 17 / 2 / 30
rev 5 17/11/09

General Arrangement

Intermediate Transom and Cill Details

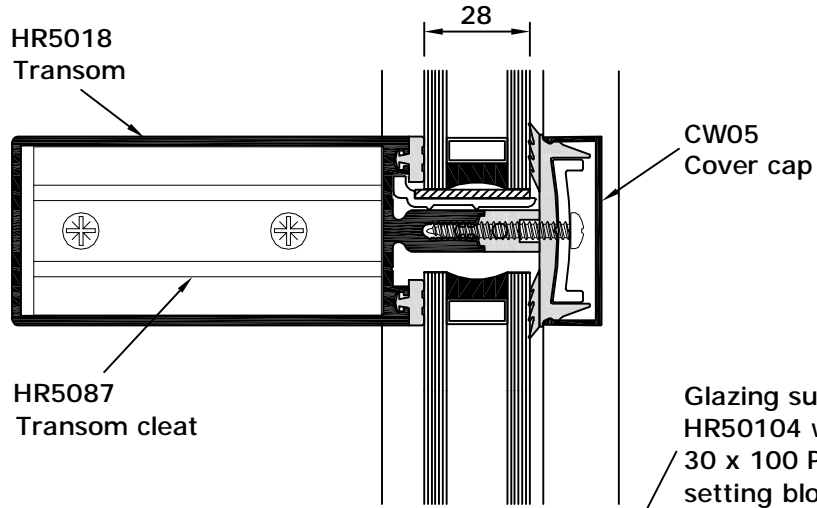
m[®]
System 17

50mm HIGH RISE
 CURTAIN WALLING

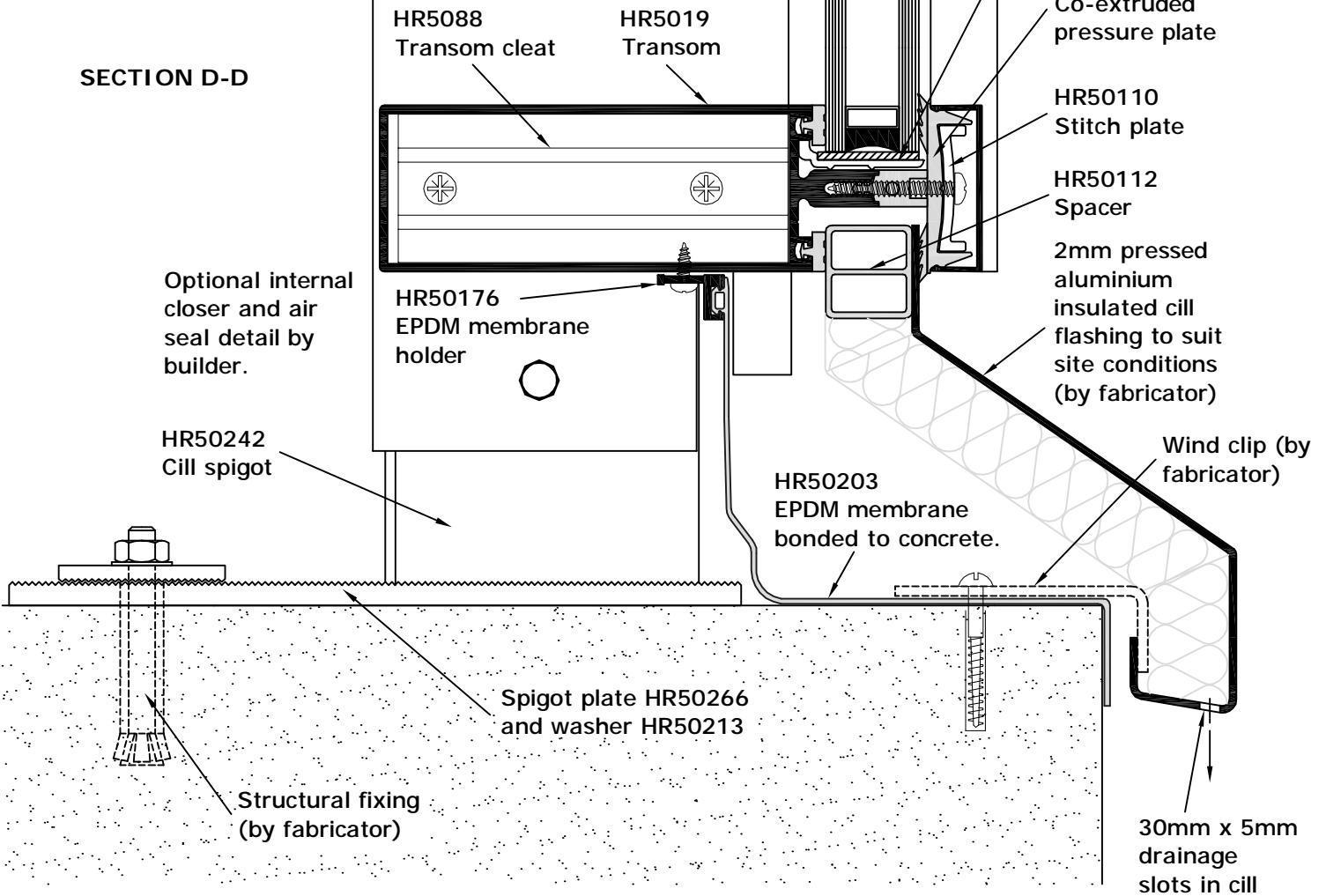
Perimeter weathering detail to structure to be determined by the fabricator to suit site conditions and DPC/DPM location.
 All sections, spigots, brackets and fixings to be sized by a structural engineer to suit site conditions.

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SECTION C-C



SECTION D-D



Scale 1:2

SHEET 17 / 2 / 40
 rev 7 04/10/09

General Arrangement

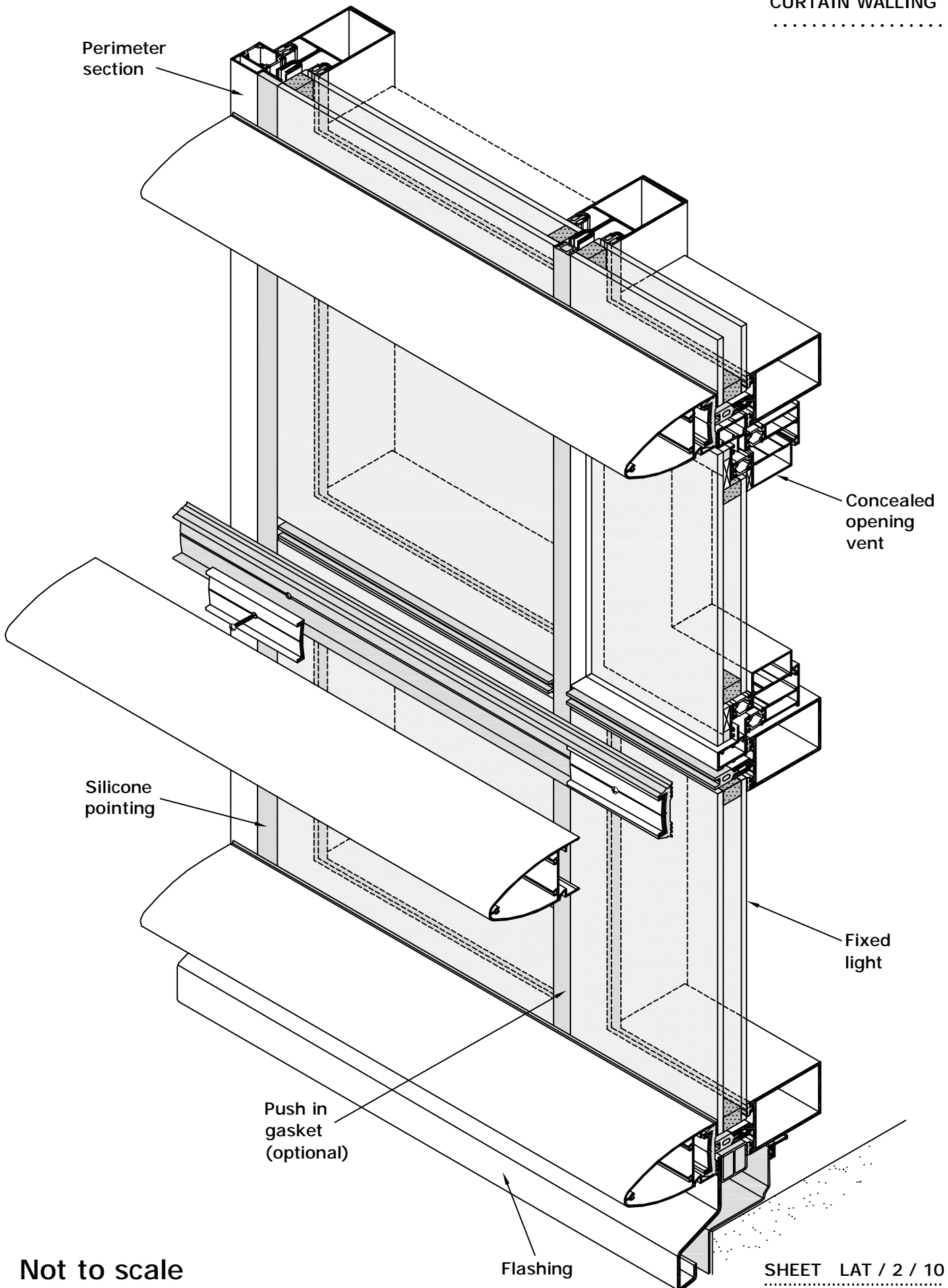
3-Dimensional Assembly Detail

Refer to System 17 Curtain Walling manual for grid assembly.



System 17

.....
LATITUDE
CURTAIN WALLING
.....



Not to scale

General Arrangement

Intermediate Mullion Details

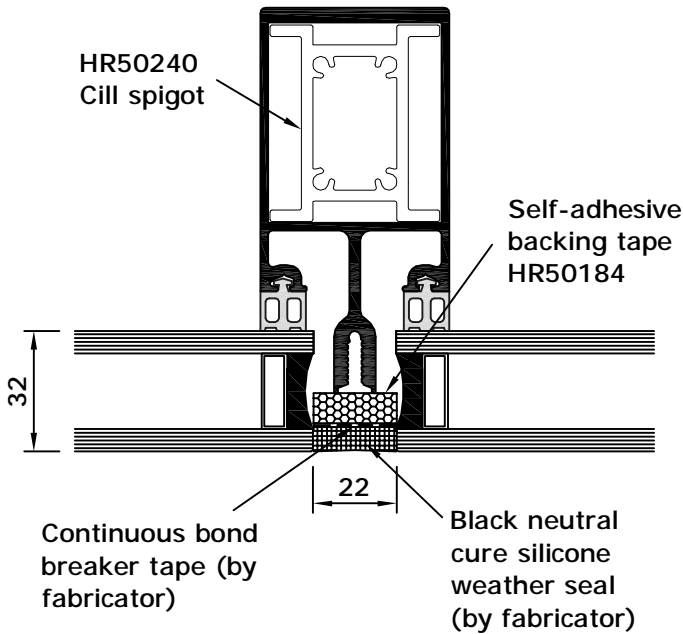
For further details on selecting the most suitable method of glass restraint and glass thickness/specification, please refer to section 6 of this manual.



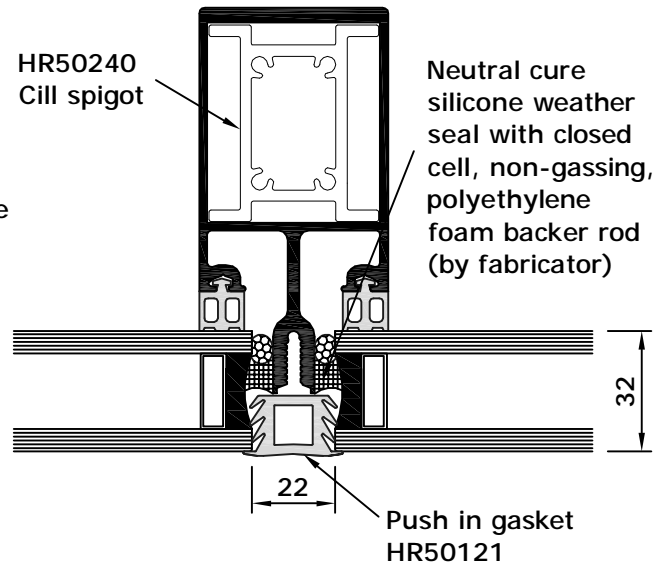
System 17

LATITUDE
CURTAIN WALLING

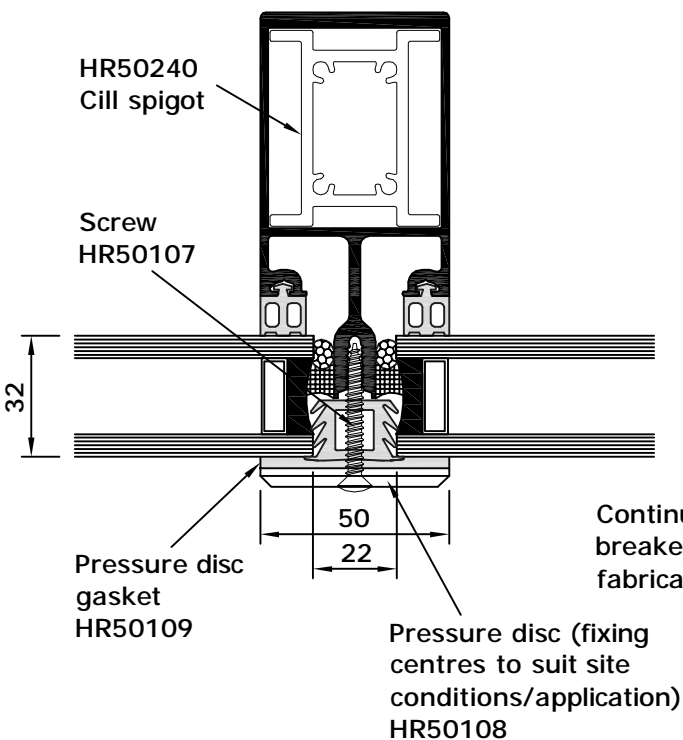
SECTION A-A
Silicone Pointed



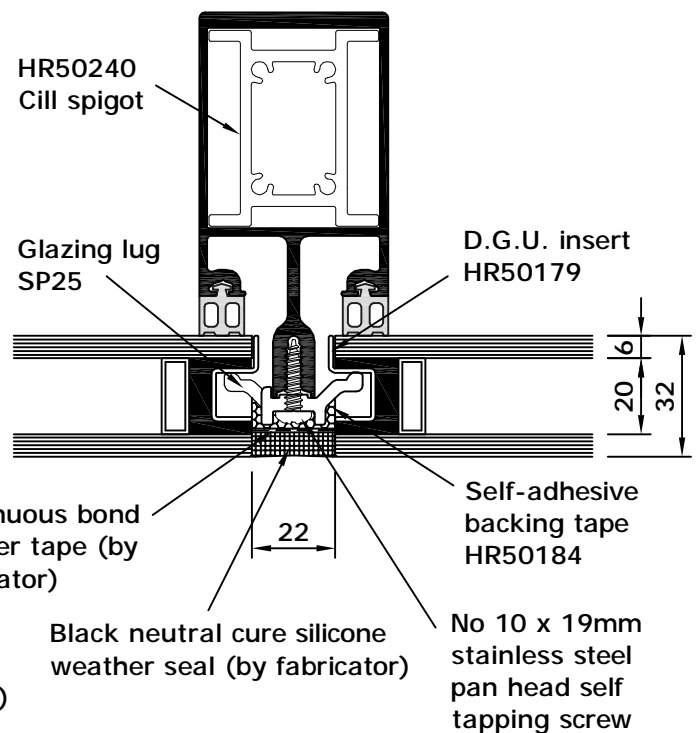
SECTION A-A
Gasket Sealed



SECTION A-A
Pressure Disc



SECTION A-A
Concealed Fixing



Scale 1:2

SHEET LAT / 2 / 30
rev 18 18/11/09

General Arrangement

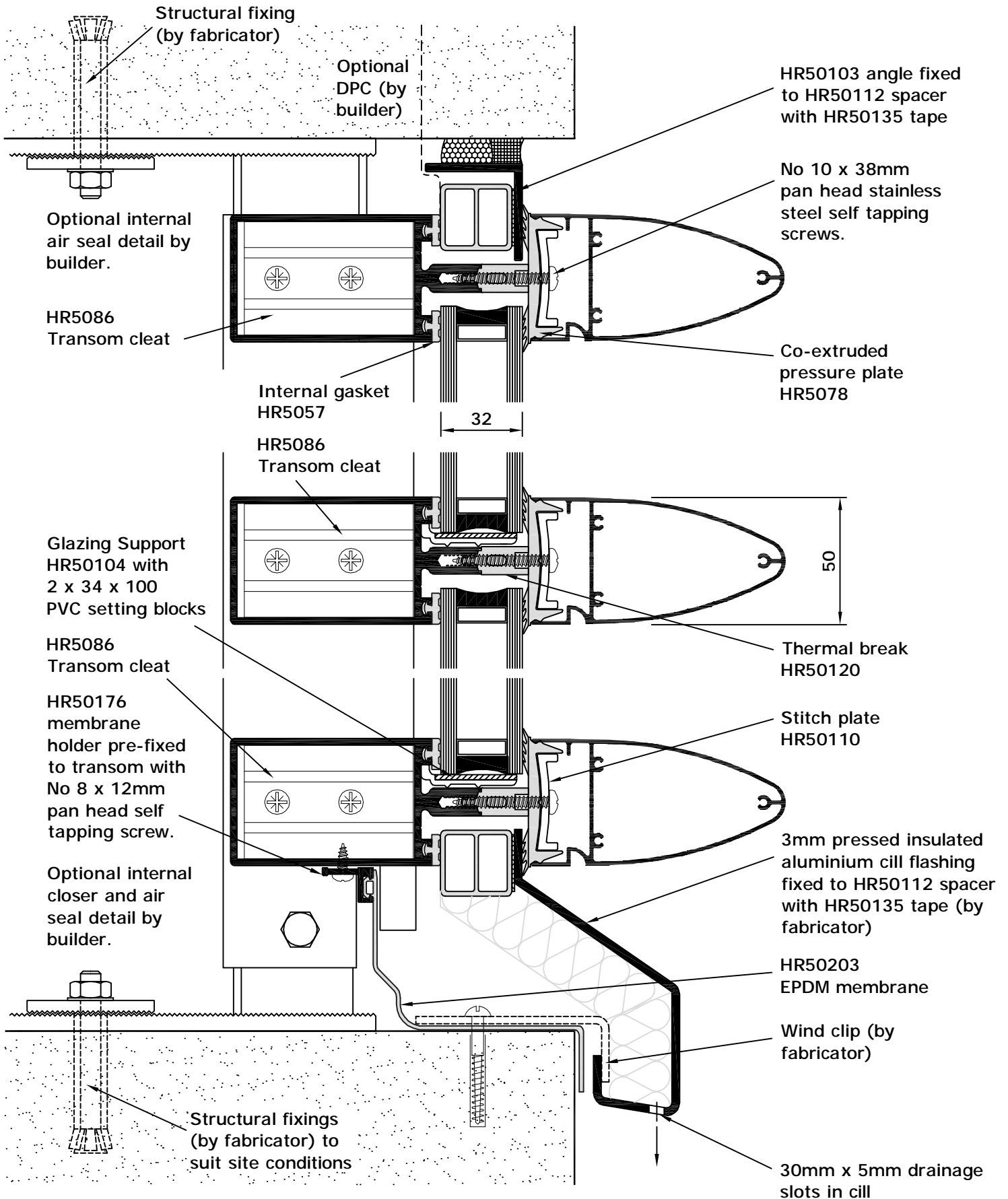
Head, Cill, and Intermediate Transom Details



System 17

LATITUDE
CURTAIN WALLING

SECTION B-B



Scale 1:2

General Arrangement

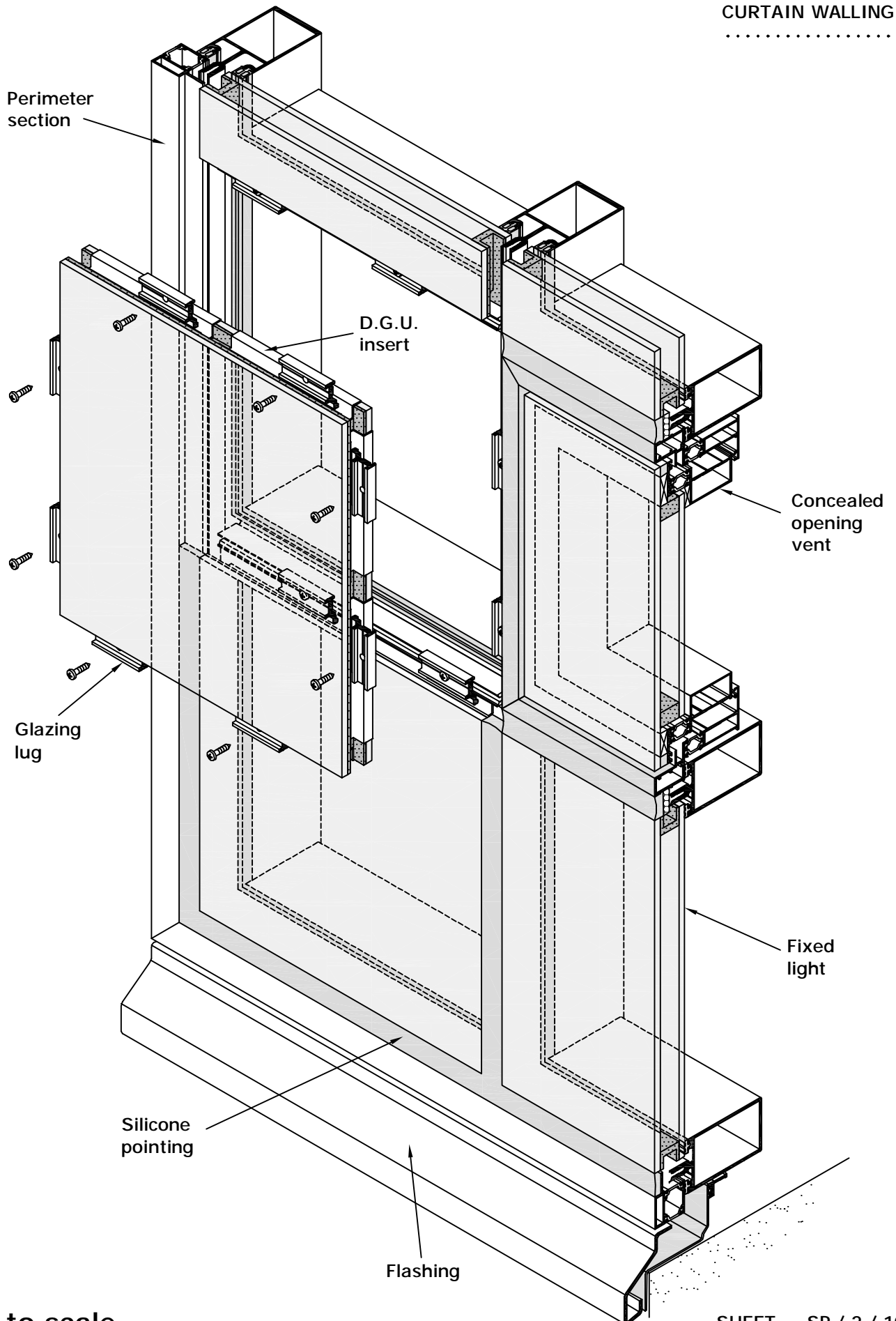
3-Dimensional Assembly Detail

Refer to System 17 Curtain Walling manual for grid assembly.



System 17

SP
CURTAIN WALLING



Not to scale

General Arrangement

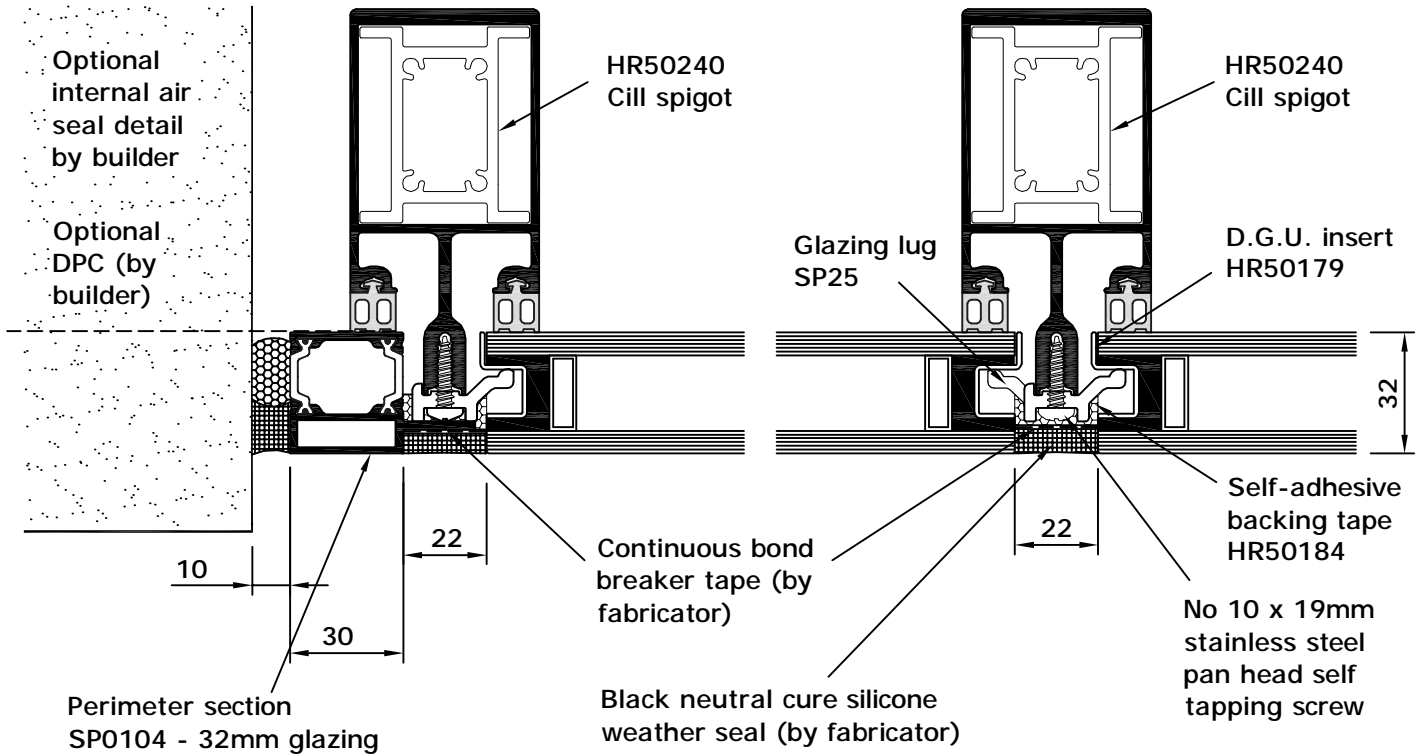
Jamb and Intermediate Mullion Details

m[®]
System 17

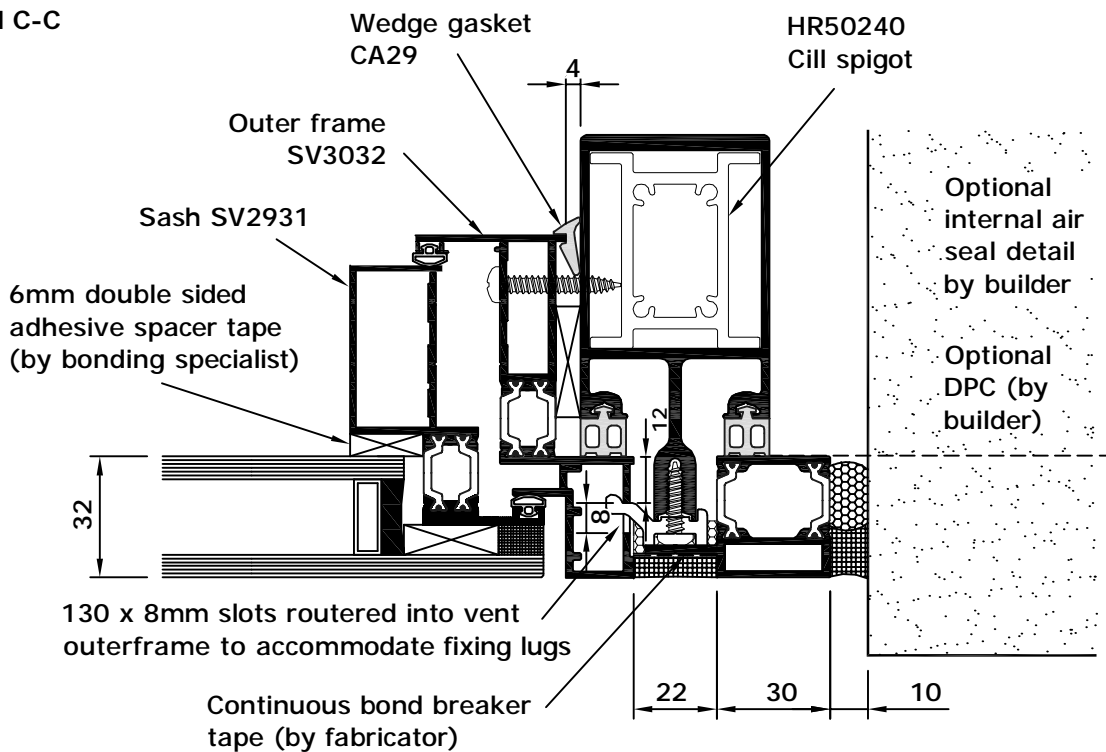
.....
 SP
 CURTAIN WALLING

SECTION A-A

SECTION B-B



SECTION C-C



Scale 1:2

SHEET SP / 2 / 30
 rev 12 18/11/09

General Arrangement

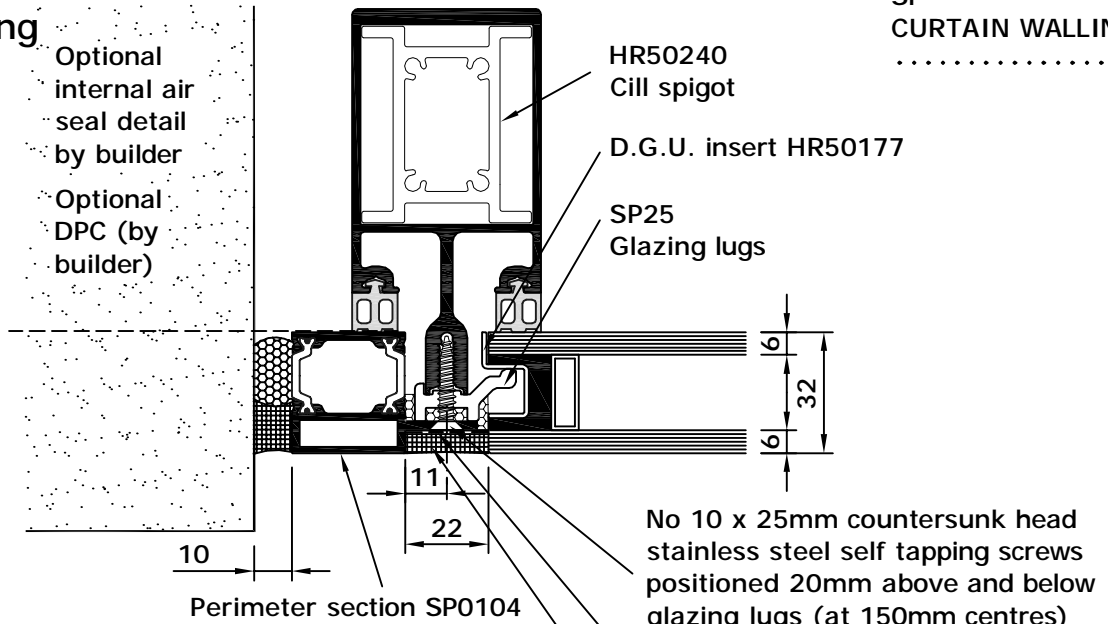
Alternative Jamb Details



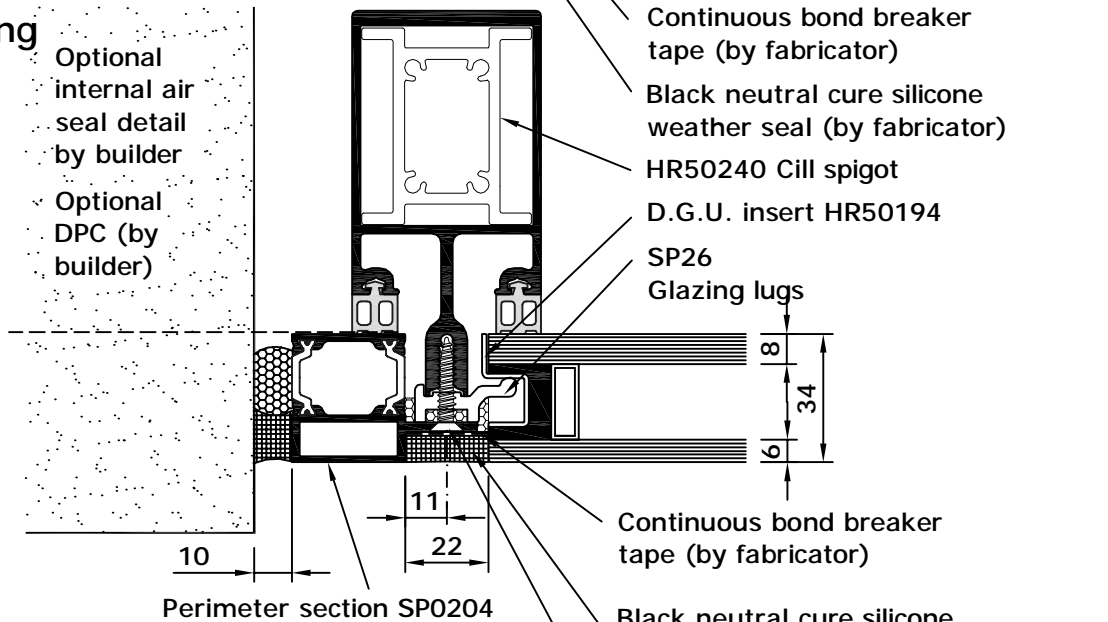
System 17

.....
 SP
 CURTAIN WALLING

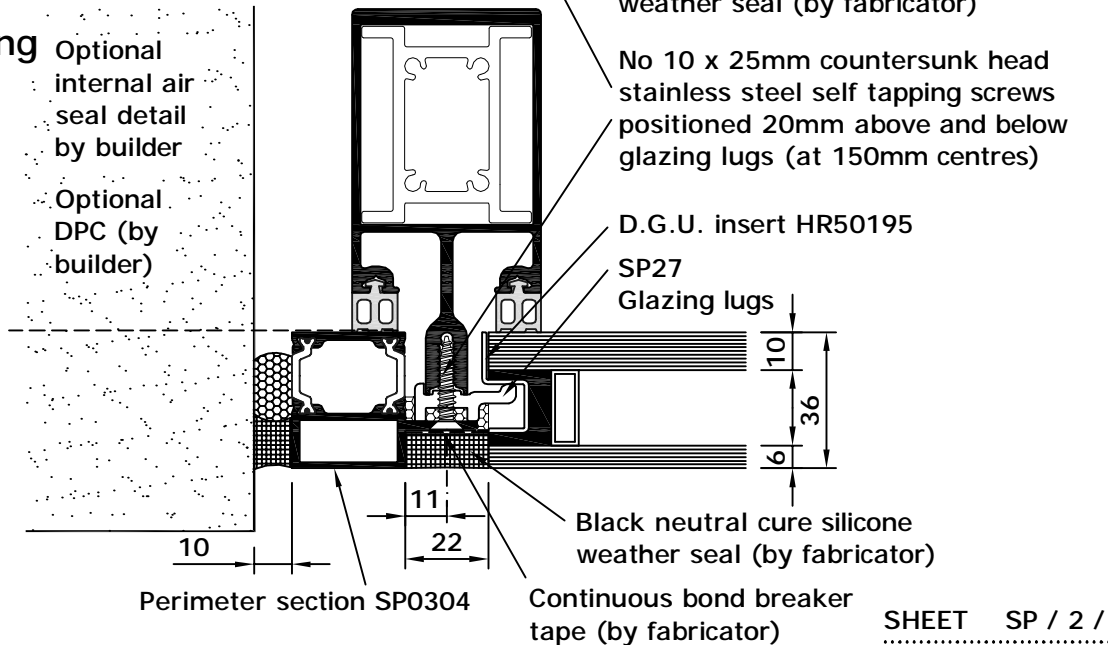
SECTION A-A 32mm Glazing



SECTION A-A 34mm Glazing



SECTION A-A 36mm Glazing



Scale 1:2

SHEET SP / 2 / 40
 rev 9 18/11/09

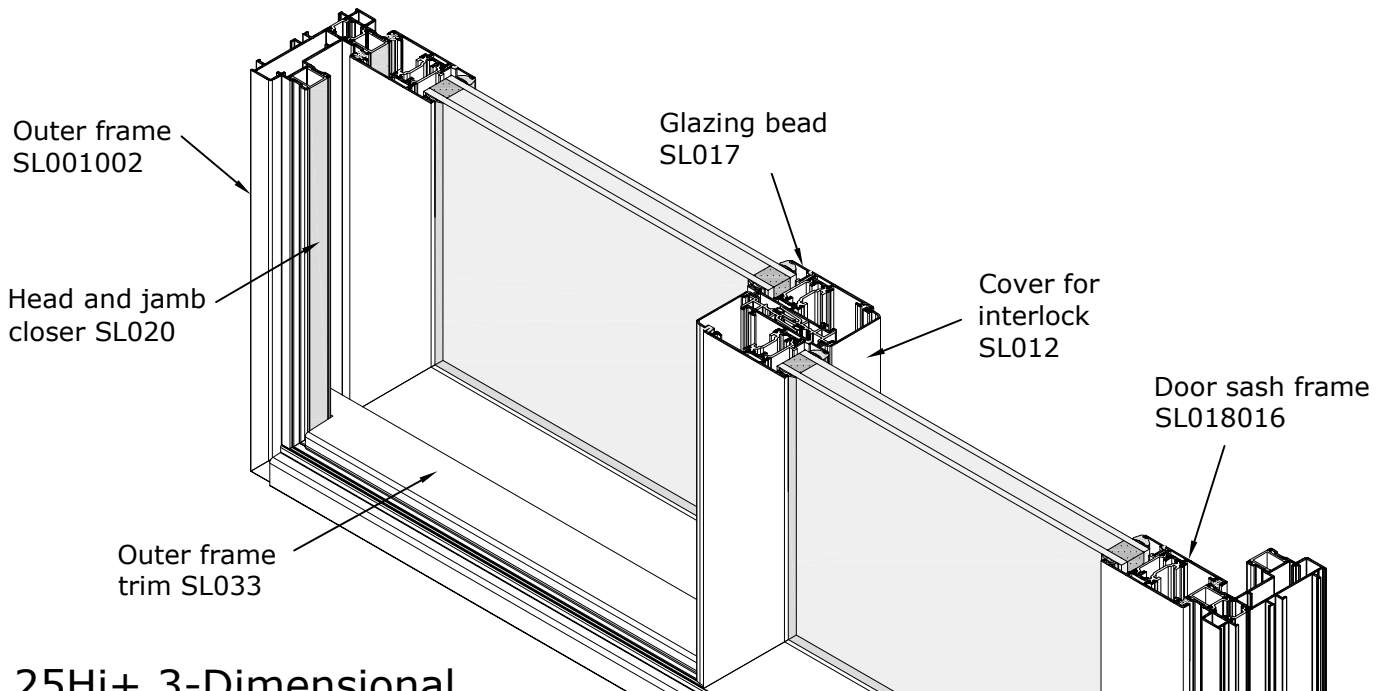
General Arrangement



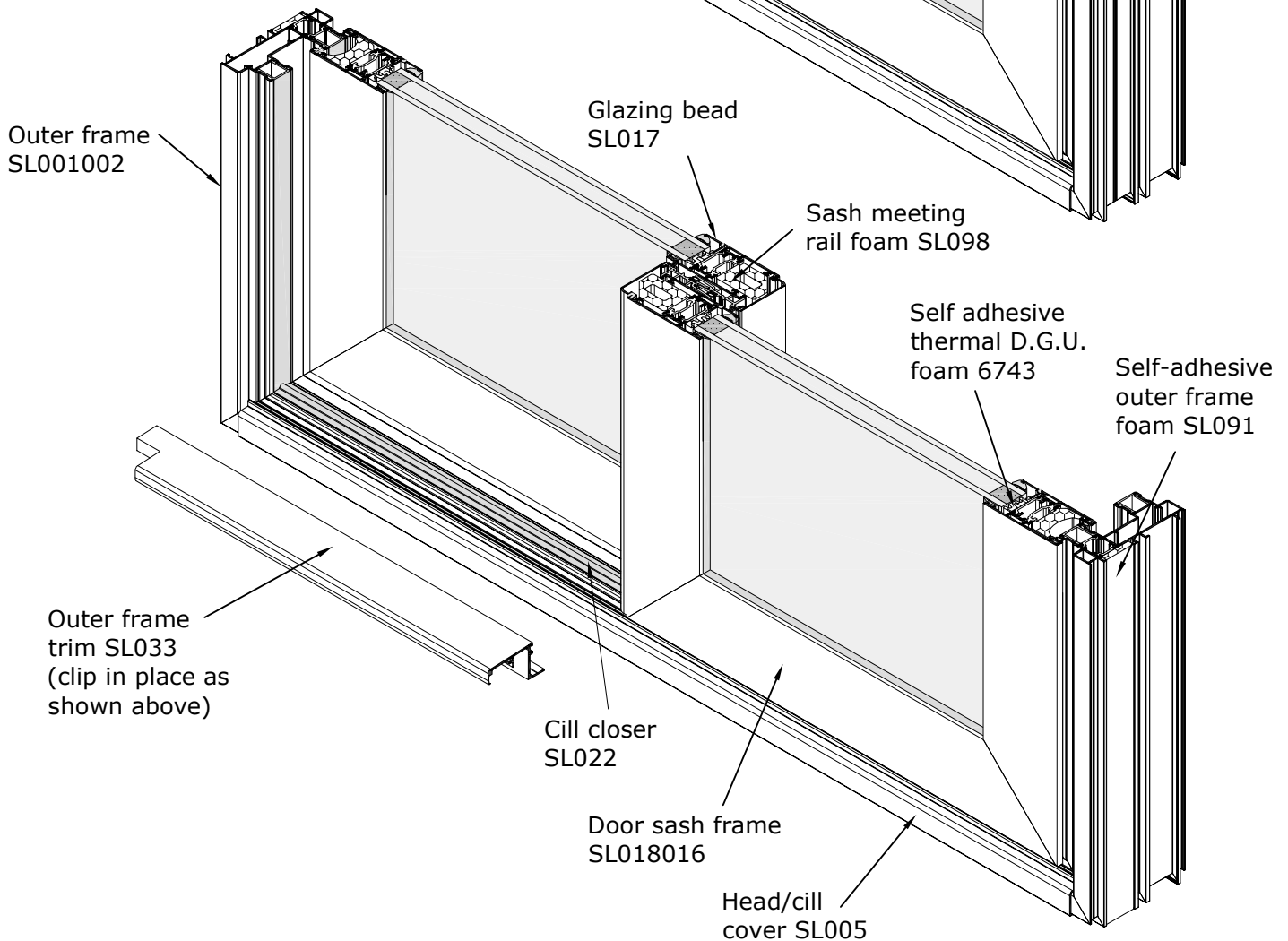
System 25 Hi/Hi+

LIFT AND SLIDE DOOR

25Hi 3-Dimensional Assembly Detail



25Hi+ 3-Dimensional Assembly Detail



Not to scale

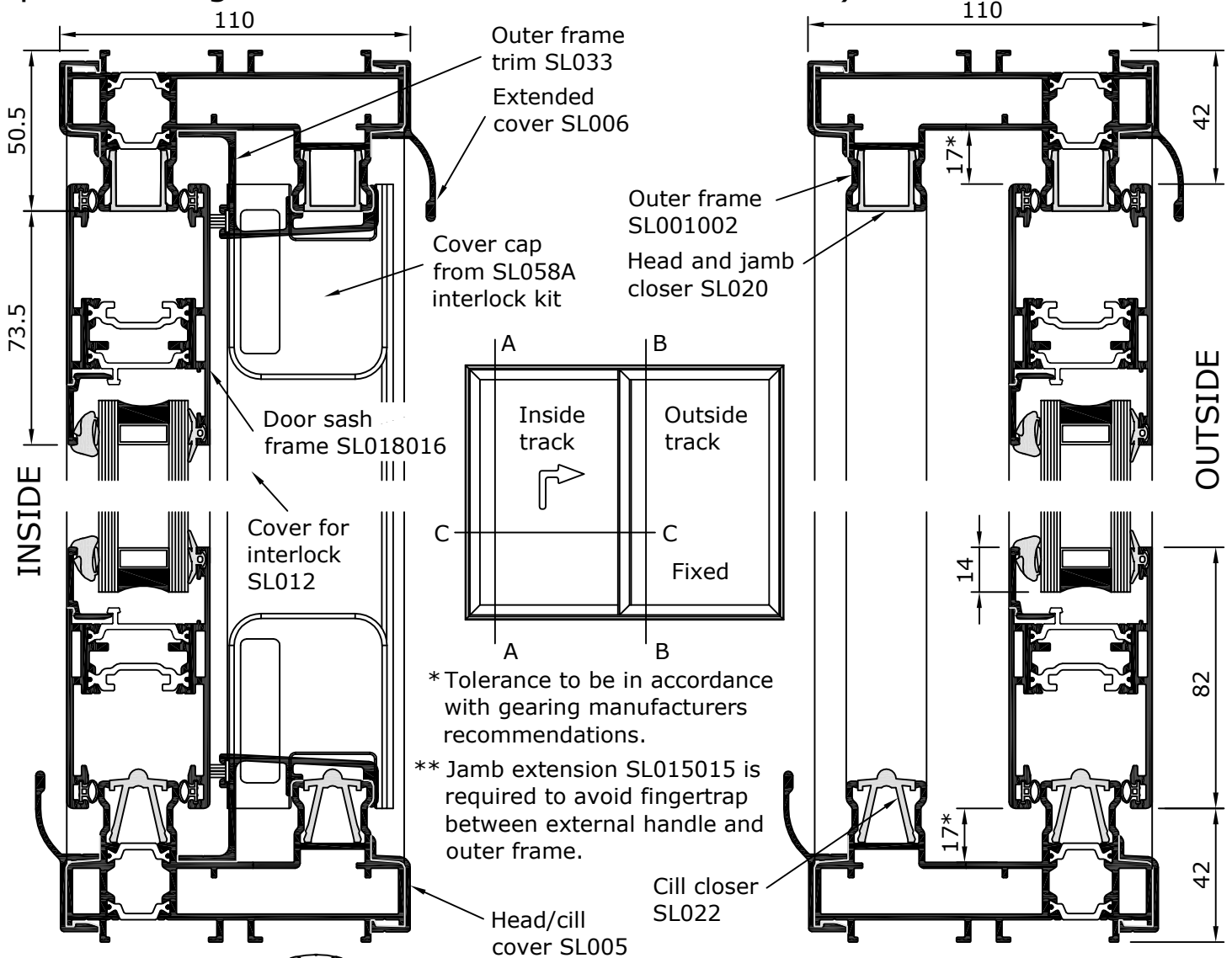
General Arrangement

1 Pane Lift and Slide / 1 Pane Fixed (Inside pane sliding with internal and external handles)



System 25 Hi

LIFT AND SLIDE DOOR



SECTION A-A

SECTION C-C

No 8 x 38mm pan head self tapping screws 7235 positioned 75mm from the corners at maximum 300mm centres.

Jamb extension SL015015

Outer frame trim SL033

Internal and external handle SL064

SECTION B-B

INSIDE

Cover for interlock SL012

82

94

OUTSIDE

Meeting stile locking piece SL021

SHEET 25Hi / 2 / 30
rev 17 20/04/16

Scale 1:2

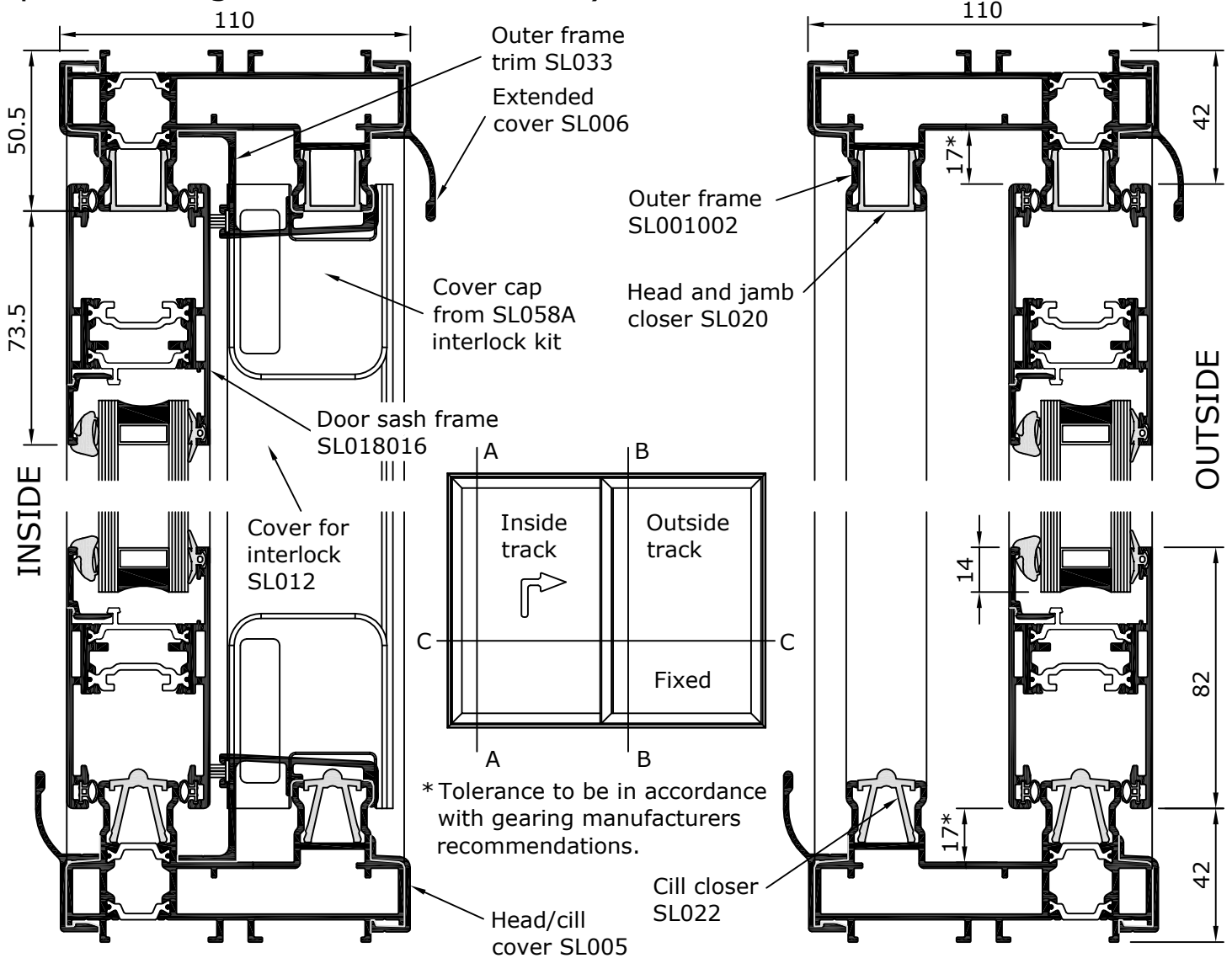
General Arrangement

1 Pane Lift and Slide / 1 Pane Fixed (Inside pane sliding with internal handle)



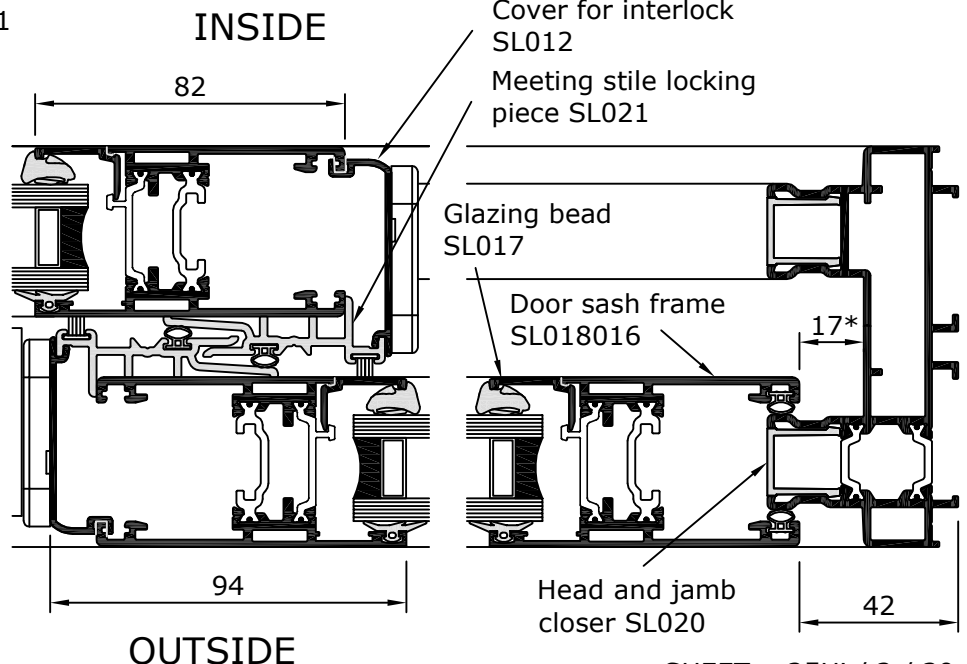
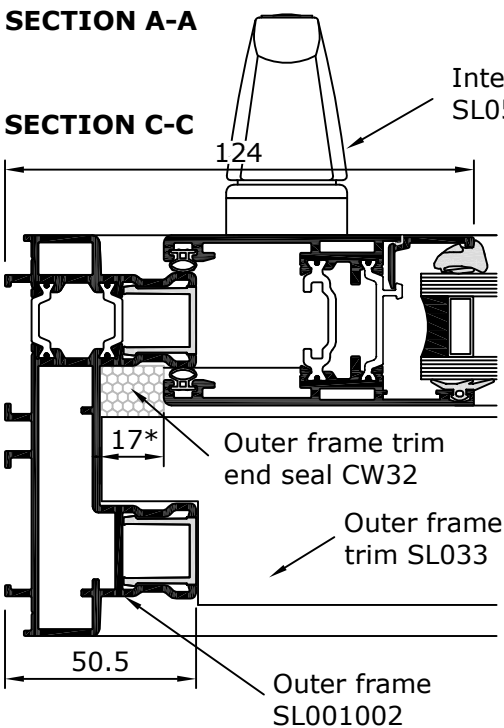
System 25 Hi

LIFT AND SLIDE DOOR



SECTION A-A

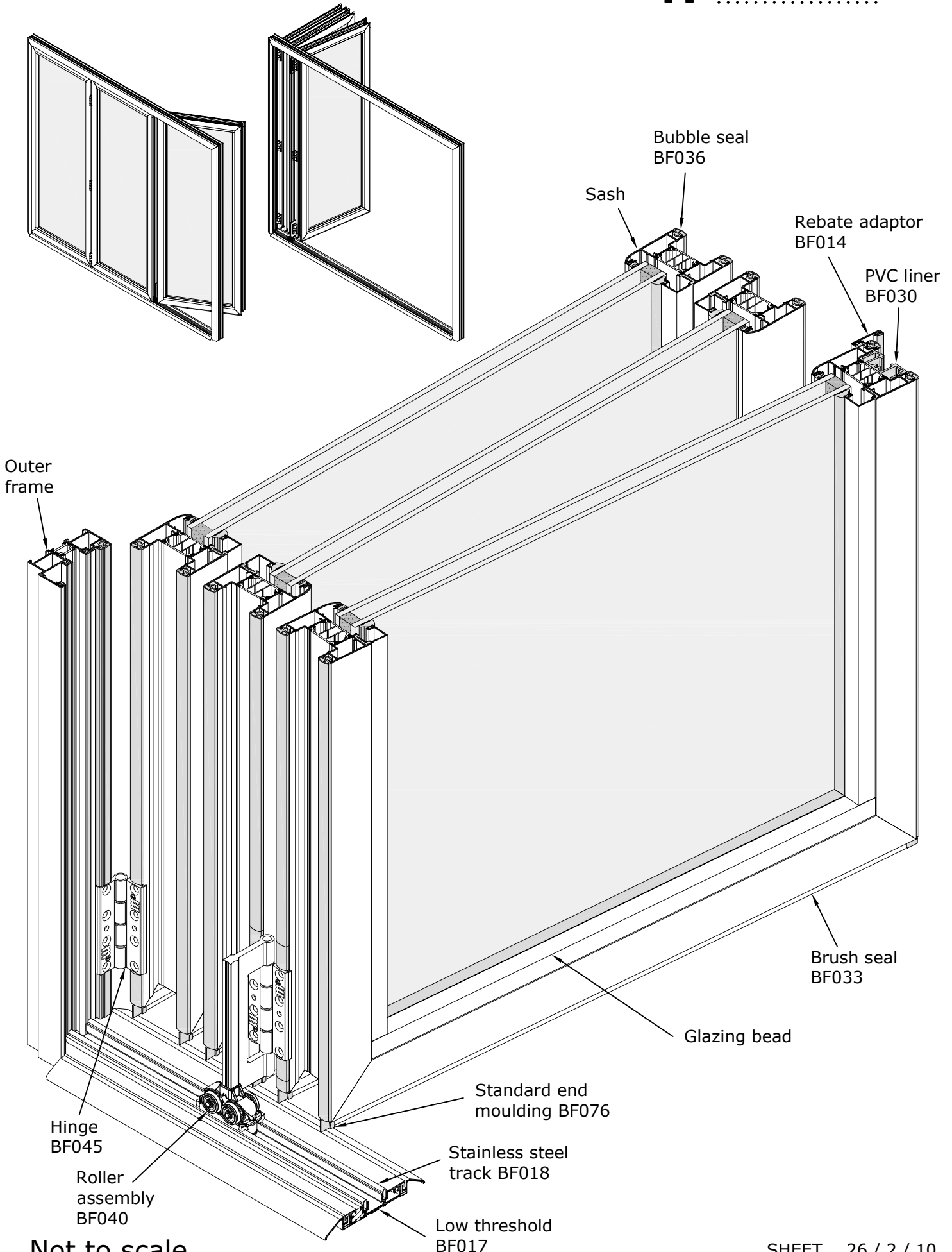
SECTION B-B



Scale 1:2

General Arrangement

26Hi 3-Dimensional Assembly Detail

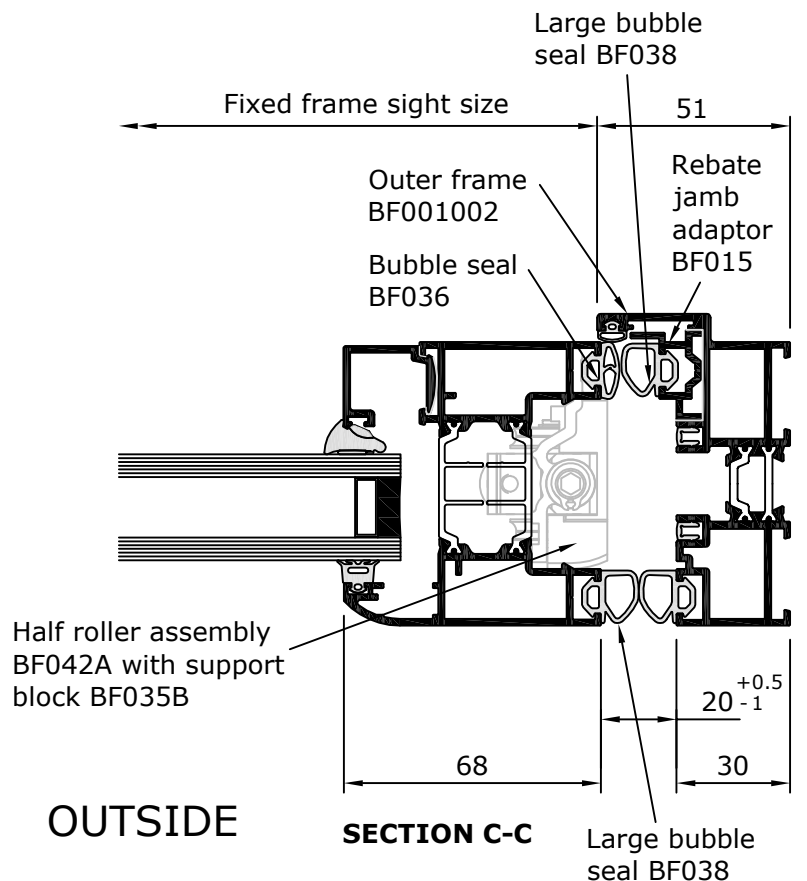
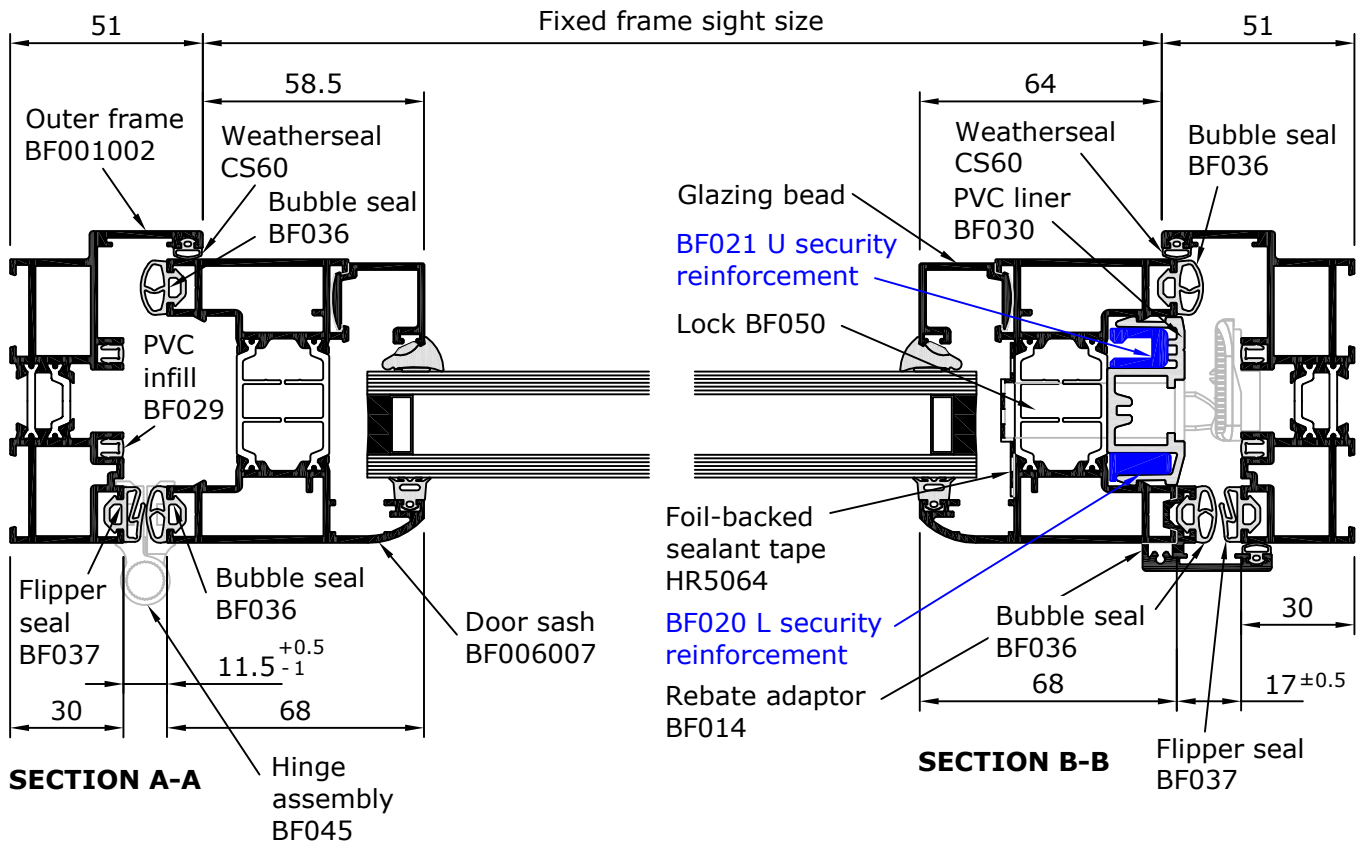


Not to scale

Door Jamb Details Open-Out

Items printed in **blue** are required in security applications only.

INSIDE

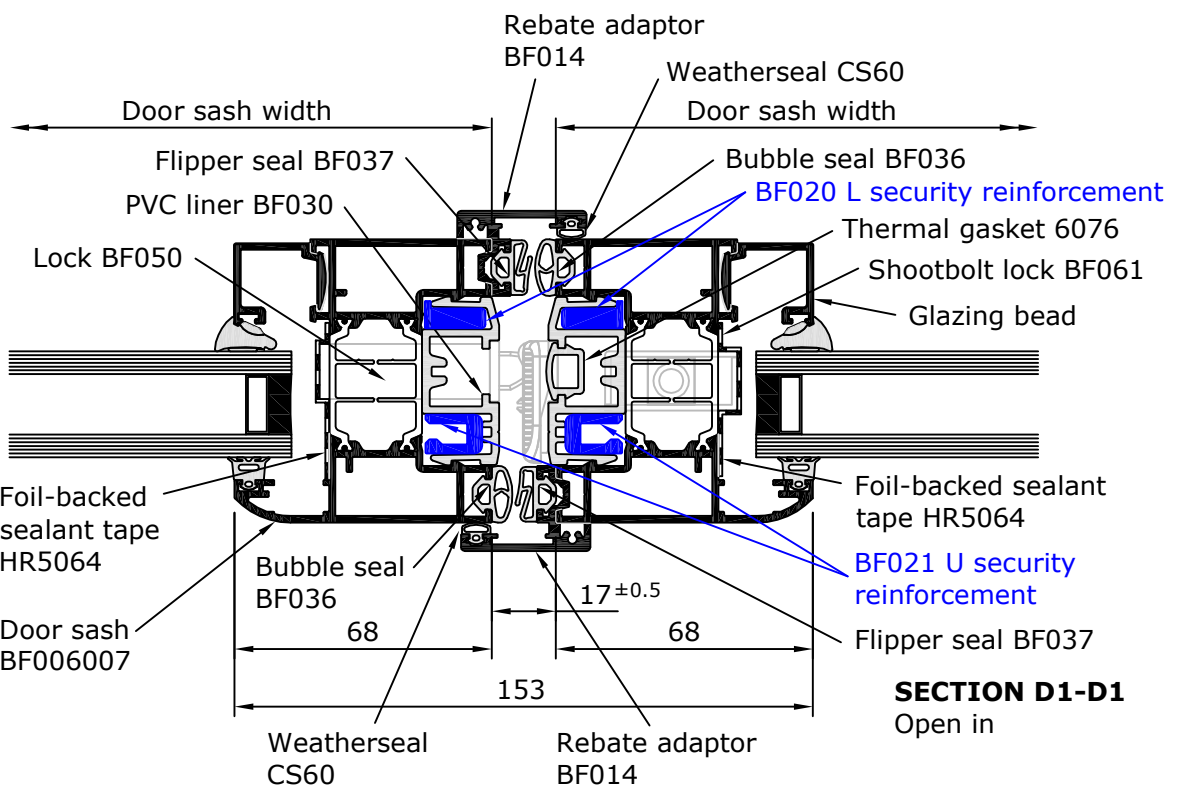
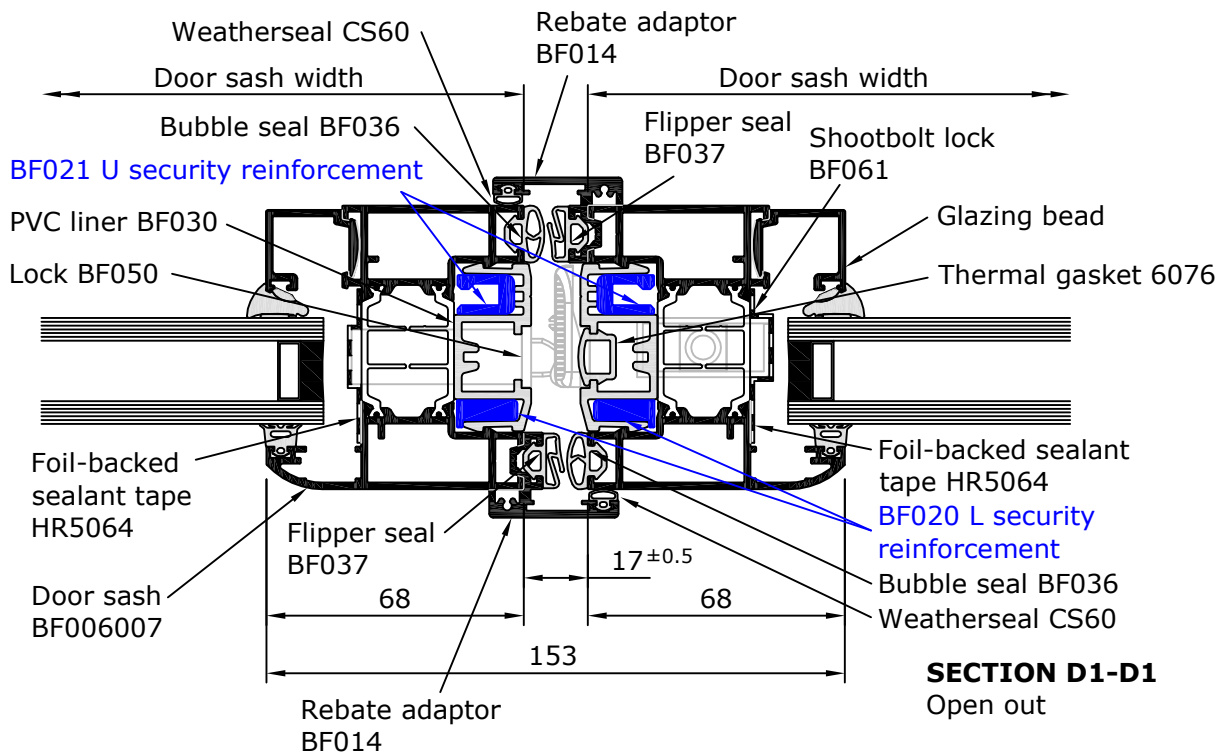


Scale 1:2

Meeting Stiles

Items printed in blue are required in security applications only.

INSIDE



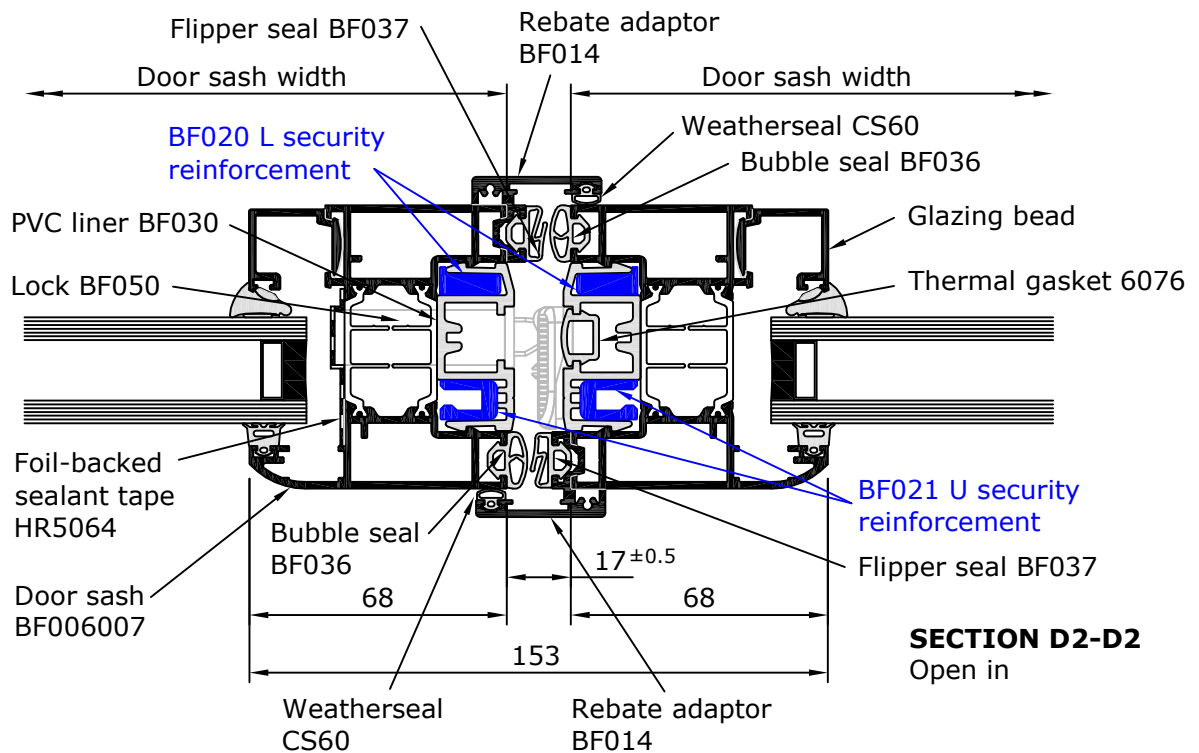
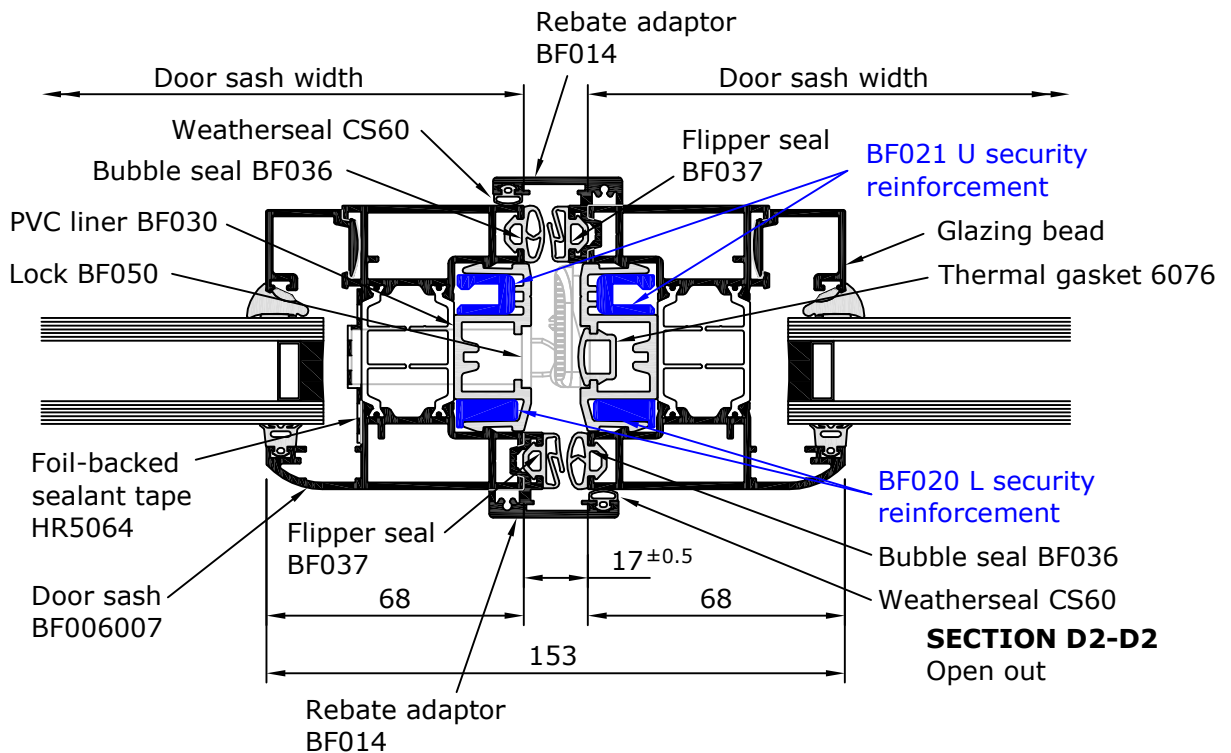
OUTSIDE

Scale 1:2

Meeting Stiles

Items printed in blue are required in security applications only.

INSIDE

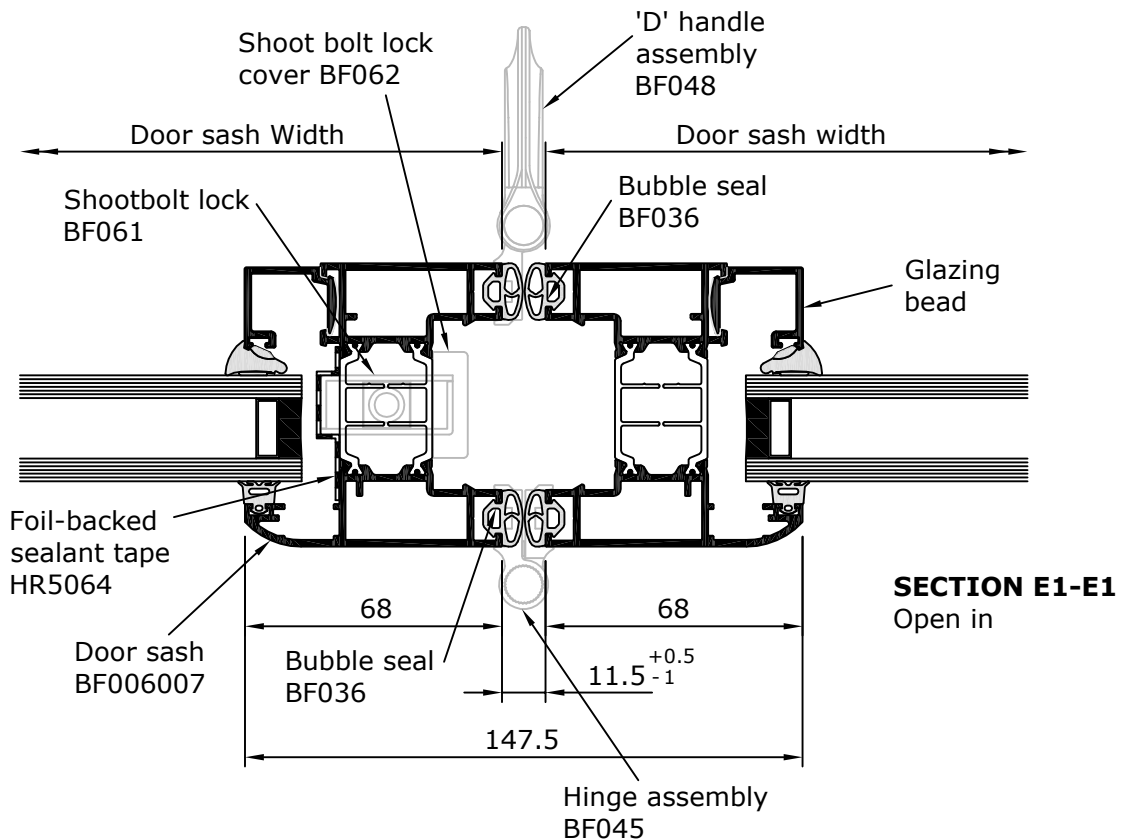
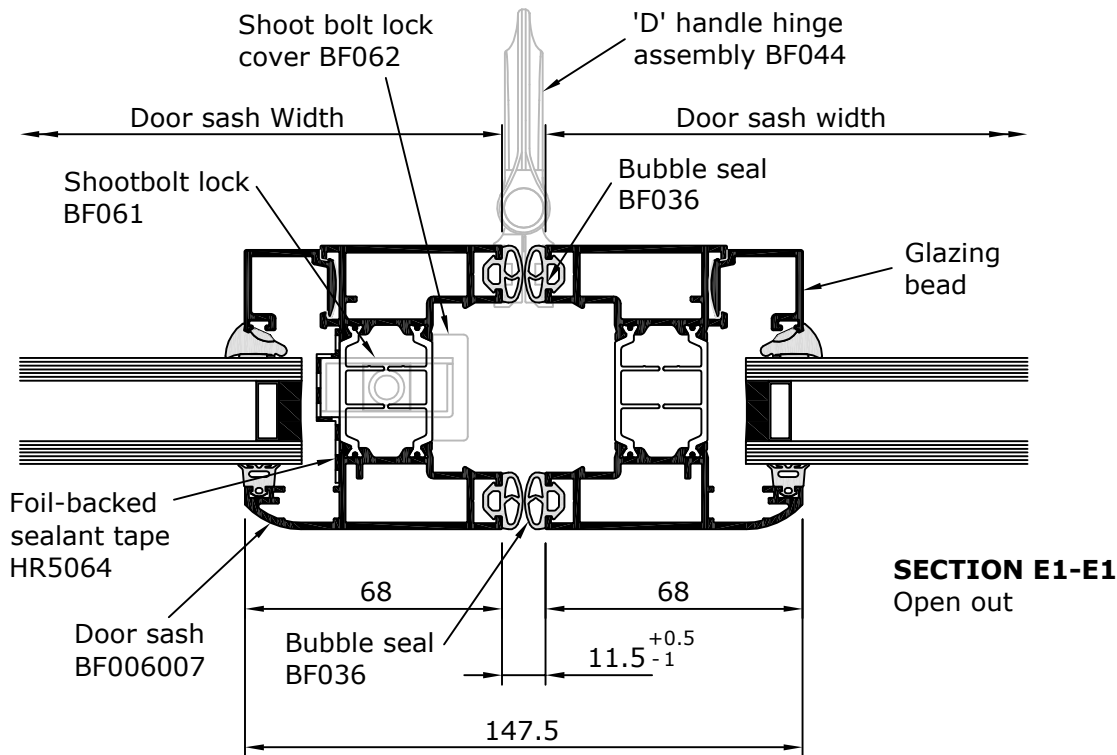


OUTSIDE

Scale 1:2



INSIDE



OUTSIDE

Scale 1:2