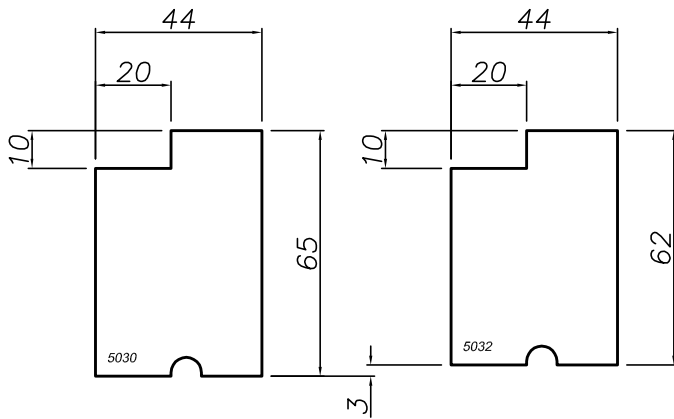


5000 Series

Awning / Casement Window

Profiles - Single Glazed

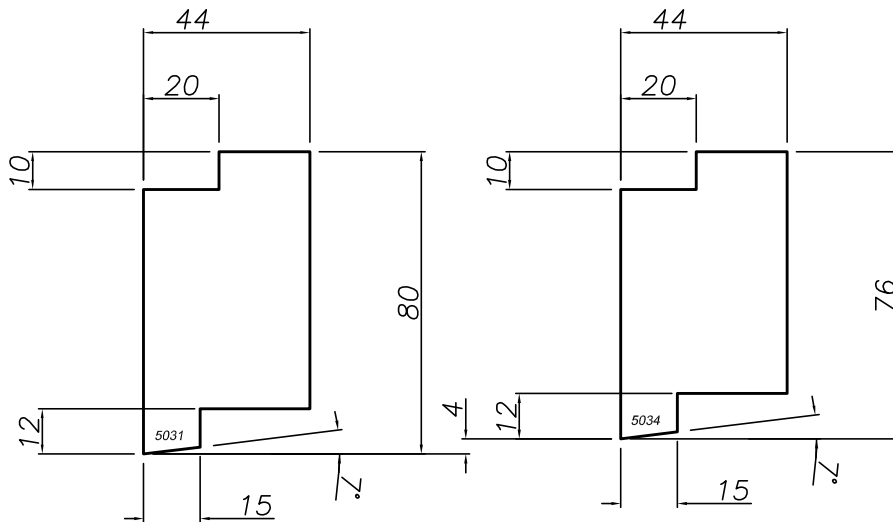


5030 fixed sash stile /
top rail SG

5032 Opening sash stile /
top rail SG.

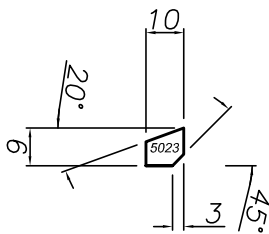
Notes;

- Fixed sash stiles and top rails are 65mm O/A.
- Fixed sash bottom rails are 80mm O/A.
- Opening sash stiles and rails are reduced to enable equal sight lines across sashes.
- Sash clearances are 3mm top and sides and 4mm at bottom.
- Sash stile and rail visual widths can vary from that drawn for a different aesthetic or to allow for fittings that require a larger mounting surface - provided it does not affect the unit's performance.
- Bevels or other decorative shapes can be applied to inner shoulder of sash profiles.

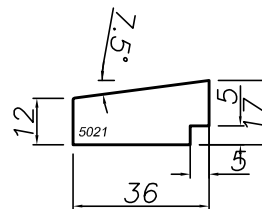


5031 Fixed sash bottom
rail SG.

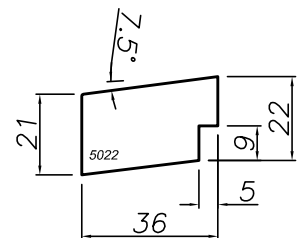
5034 Opening sash
bottom rail SG.



5023 Single Glazing
Bead



5021 Direct glaze to
head / jamb Glazing
Bead

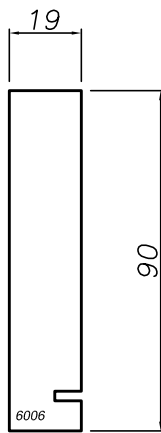


5022 Direct glaze to sill
Glazing Bead



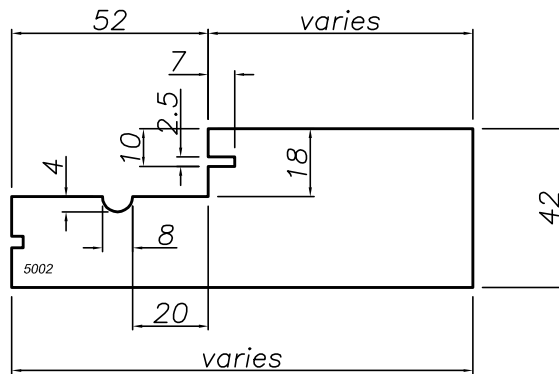
No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-01-01

Profiles - Single Glazed



6006 Facing board

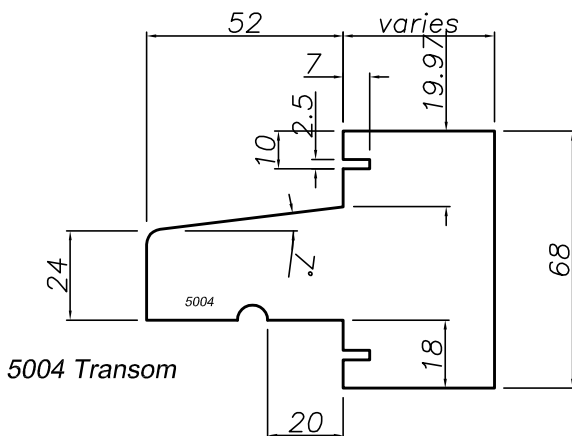
Kerf not needed in window product facing boards.



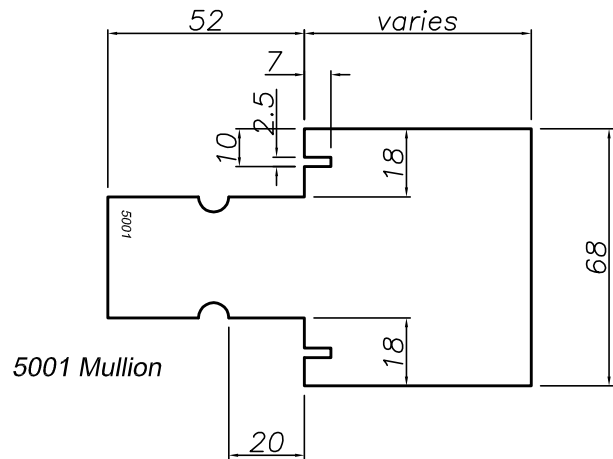
5002 Jamb / head

Notes;

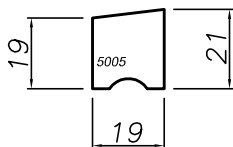
- Single glazed sashes are 44mm thick.
- Single glazed heads, jambs, mullions and transoms have 52mm rebates.
- The wider 64mm double glazed rebates can be used with the 44mm single glazed sashes to show them more visually set back into the frames.
- The sill remains the same for both SG and DG versions so will show more nose when used with single glazed frame components. This can be altered to suit preference



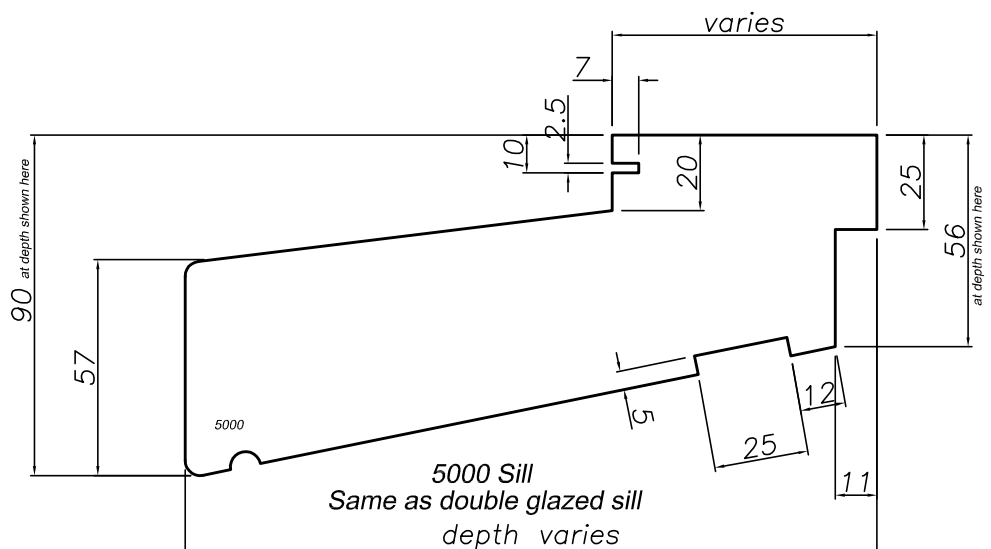
5004 Transom



5001 Mullion



5005 Transom weather bead



5000 Sill
Same as double glazed sill
depth varies

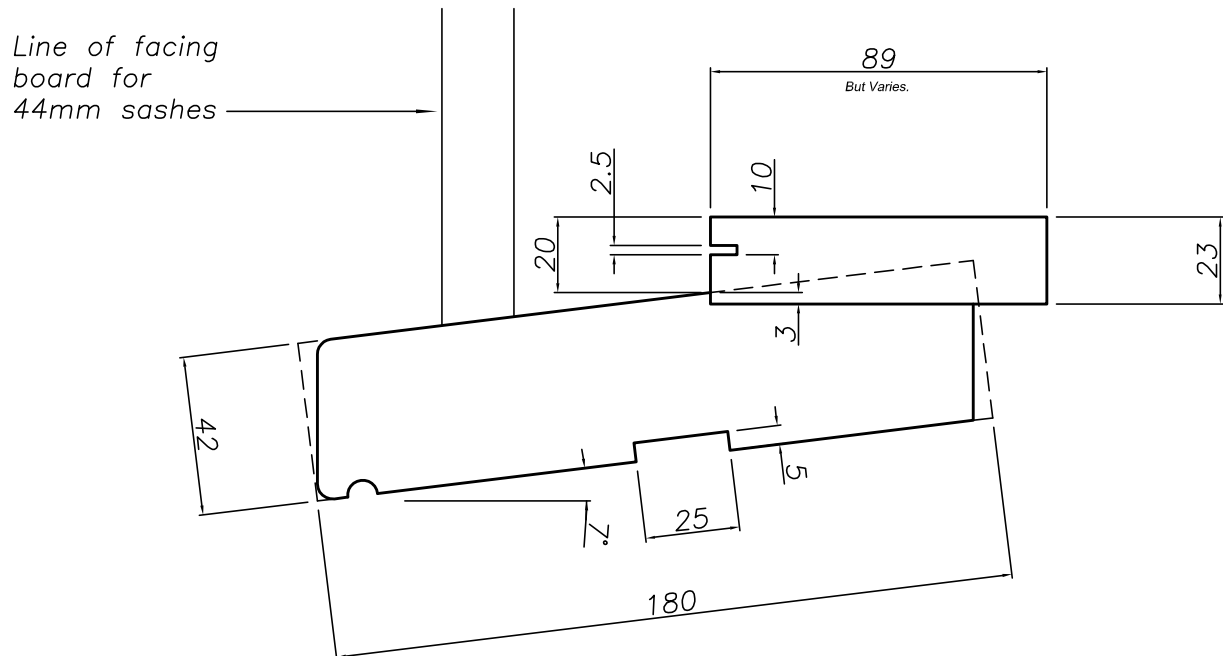


No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-01-02

Profiles - Single Glazed

Notes;

- Ex 200 x 50 plus reveal
- Reveal glued to sill
- Critical performance related dimensions must match the standard 5000 sill profile

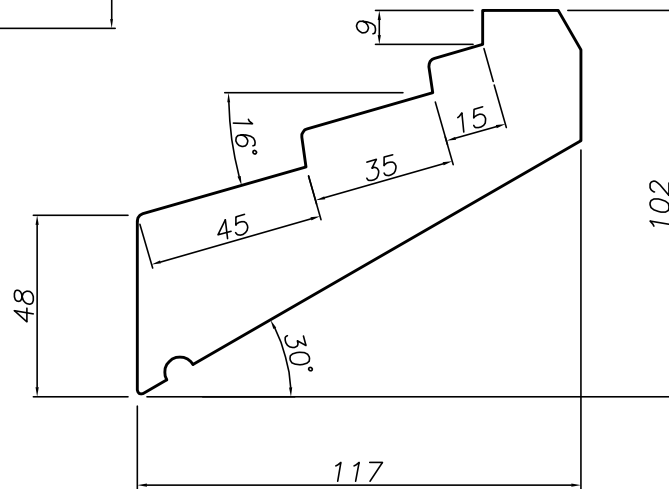
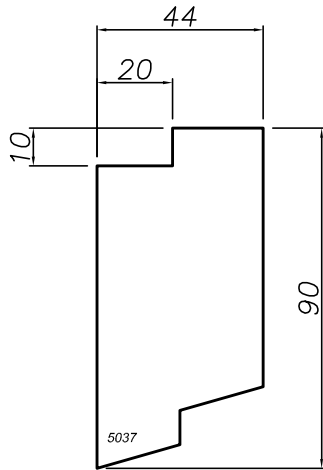


Alternative sill construction

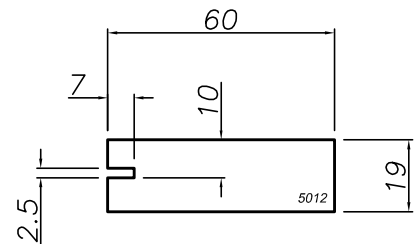
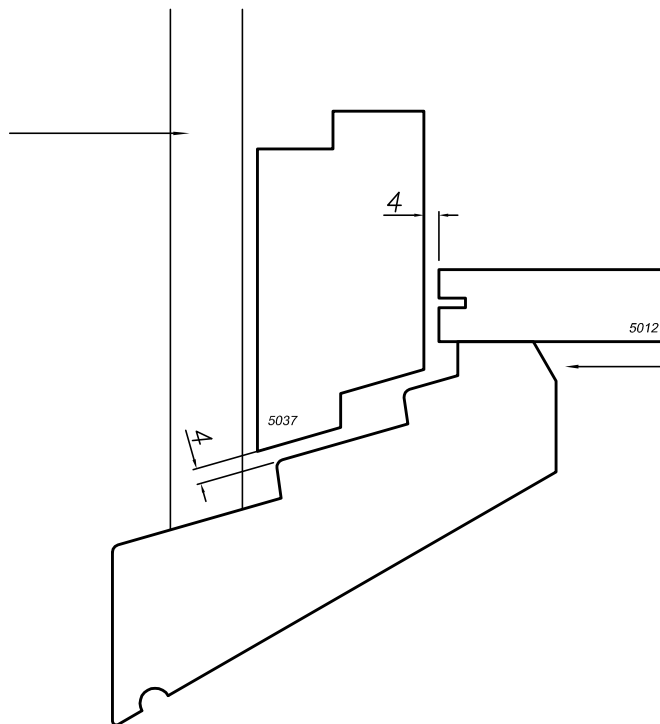


No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-01-03

Profiles - Single Glazed



Line of facing board at jamb



Notes;

- Double Sunk Casement Sill
- Tested to NZS 4211
- The sill board must be supplied with the kerf for the seal.
- Sealant (not silicone) must be used when fitting the sill board
- Sash bottom rail shown as 90mm but can vary
- Cutting deductions will be different to those shown later in this section if this sill detail is used

Sealant between sill and sill reveal



No	Revision	Date

Detail No:

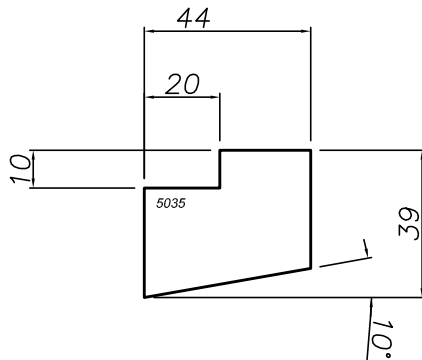
Scale: 1:2

Date: 1/6/2012

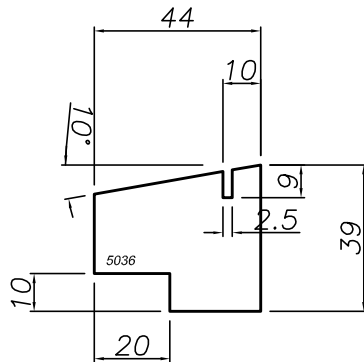
Drawing No:

S5-01-04

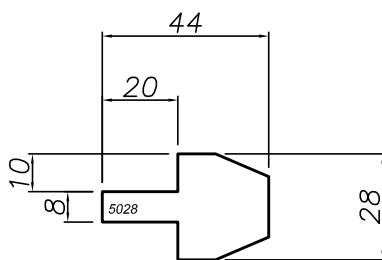
Profiles - Single Glazed



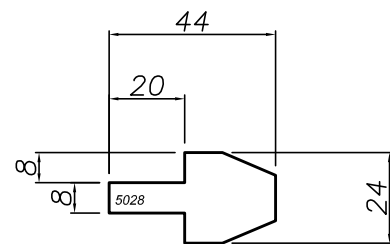
5035 Split rail top



5036 Split rail bottom



5028 Glazing bar

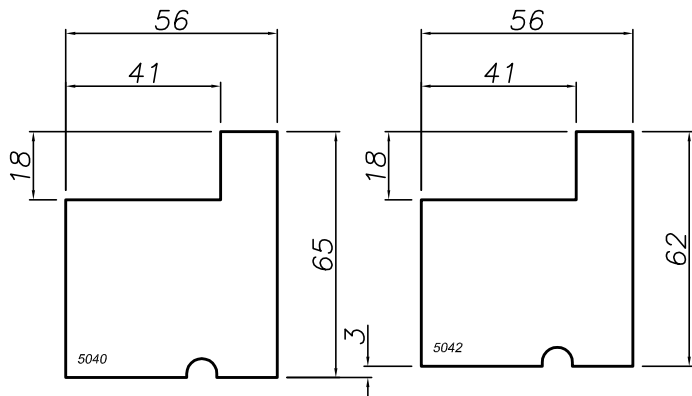


Alternative Glazing bar



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-01-05

Profiles - Double Glazed

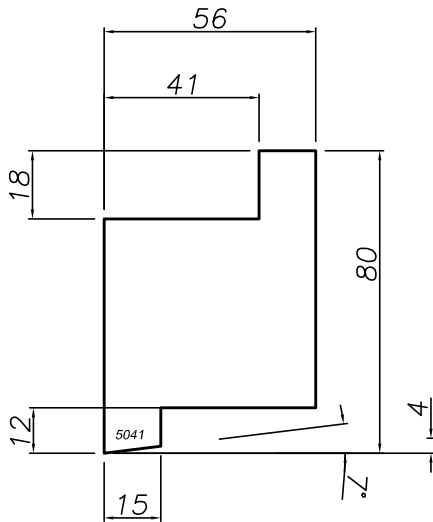


5040 fixed sash stile /
top rail DG

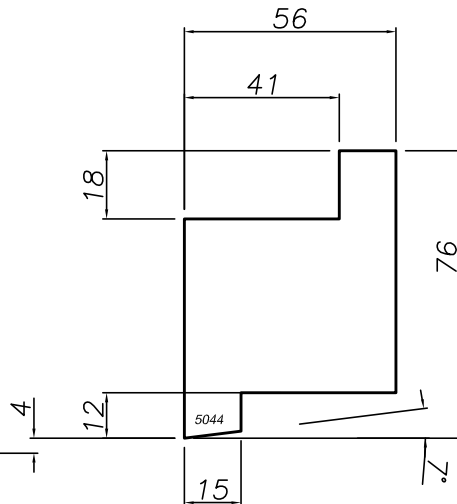
5042 Opening sash stile /
top rail DG.

Notes;

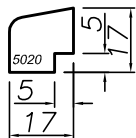
- Fixed sash stiles and top rails are 65mm O/A.
- Fixed sash bottom rails are 80mm O/A.
- Opening sash stiles and rails are reduced to enable equal sight lines across sashes.
- Sash clearances are 3mm top and sides and 4mm at bottom.
- Sash stile and rail visual widths can vary from that drawn for a different aesthetic or to allow for fittings that require a larger mounting surface - provided it does not affect the unit's performance.
- Bevels or other decorative shapes can be applied to inner shoulder of sash profiles.



5041 Fixed sash bottom
rail DG.

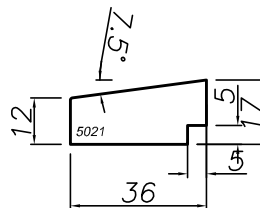


5044 Opening sash
bottom rail DG.

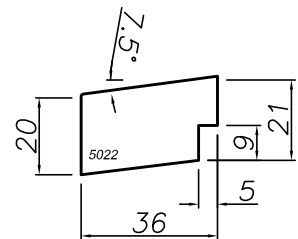


5020 Double Glazing
Bead

Suits 18mm IGU's. For
thicker IGU's, reduce bead
size and increase rebate size



5021 Direct glaze to
head / jamb Glazing
Bead

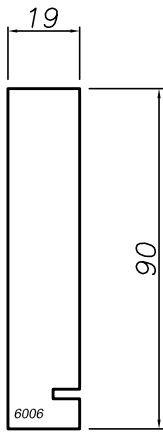


5022 Direct glaze to sill
Glazing Bead



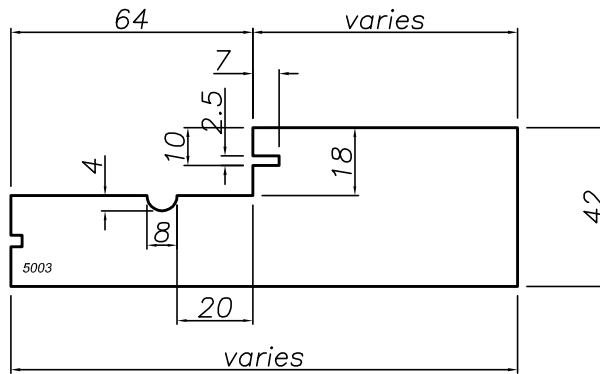
No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-01-06

Profiles - Double Glazed

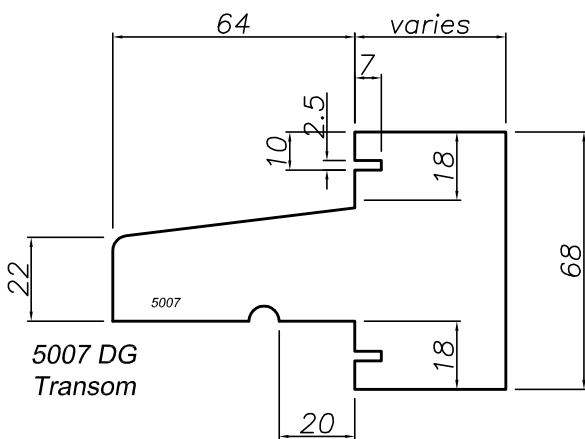


6006 Facing board

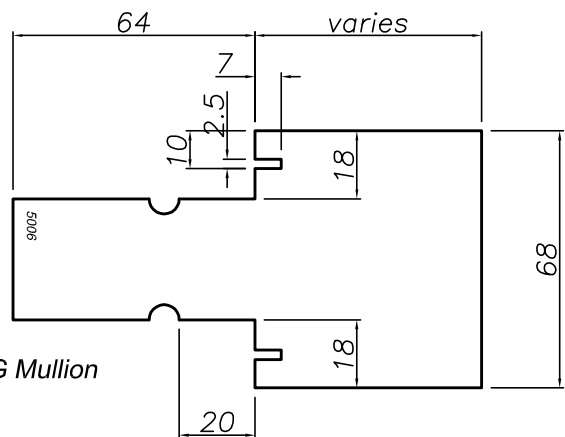
Kerf not needed in window product facing boards.



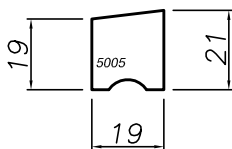
5003 Jamb / Head



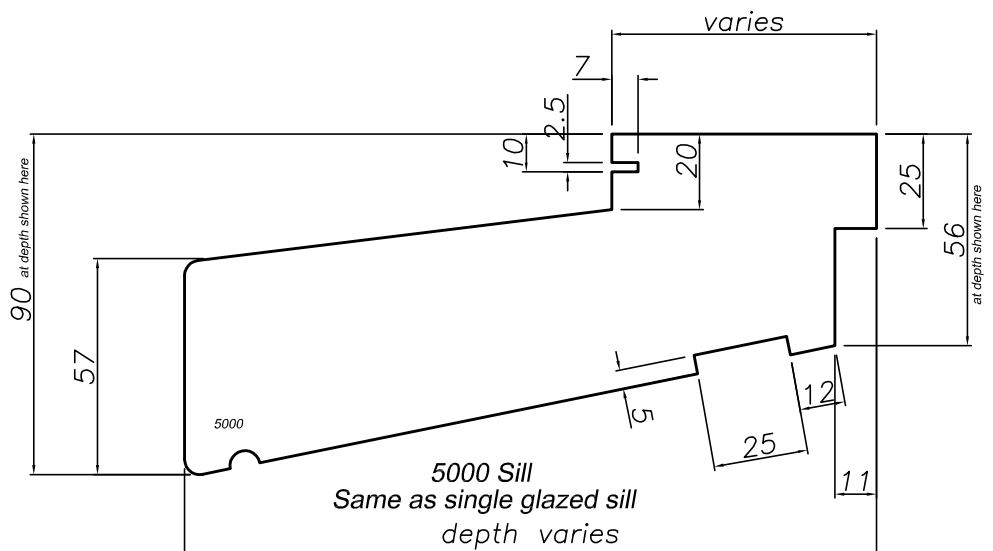
5007 DG Transom



5006 DG Mullion



5005 Transom weather bead



5000 Sill
Same as single glazed sill
depth varies

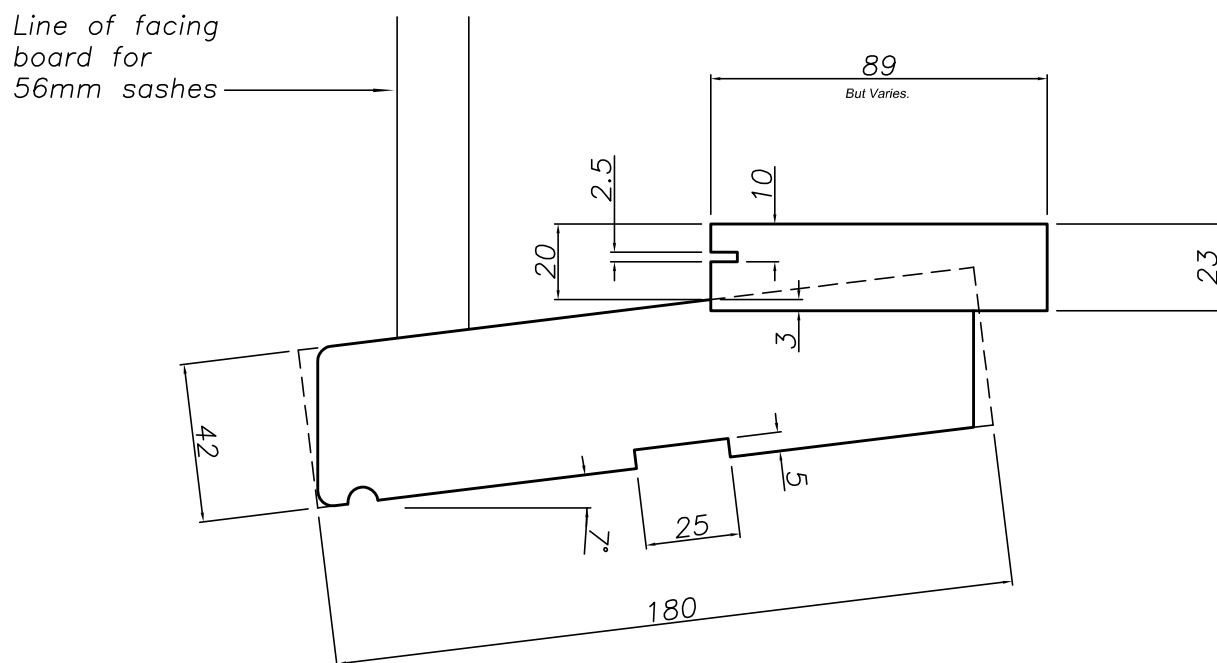


No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-01-07

Profiles - Double Glazed

Notes;

- Ex 200 x 50 plus reveal
- Reveal glued to sill
- Critical performance related dimensions must match the standard 5000 sill profile



Alternative sill construction

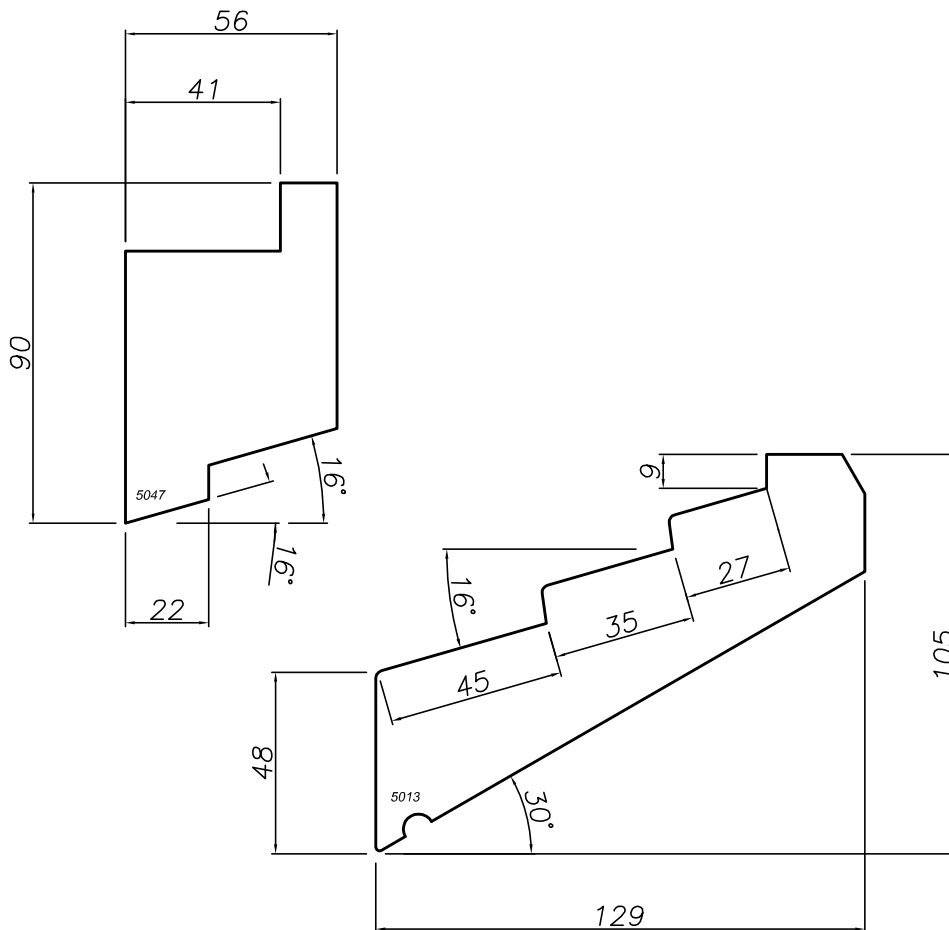
	No	Revision	Date	Detail No:	
				Scale: 1:2	Date: 1/6/2012
				Drawing No:	S5-01-08

This Drawing is Protected by Copyright © JMF New Zealand Ltd

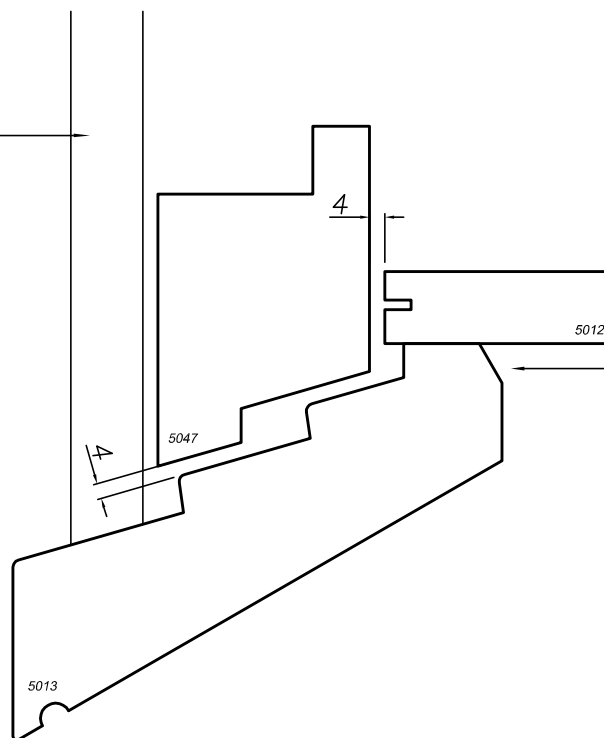
Profiles - Double Glazed

Notes;

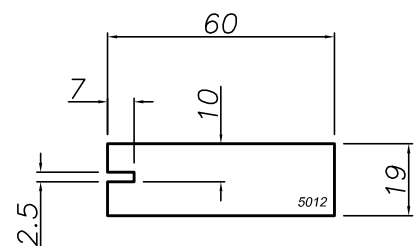
- Double Sunk Casement Sill
- Tested to NZS 4211
- The sill board must be supplied with the kerf for the seal.
- Sealant (not silicone) must be used when fitting the sill board
- Sash bottom rail shown as 90mm but can vary
- Cutting deductions will be different to those shown later in this section if this sill detail is used.



Line of facing
board at jamb

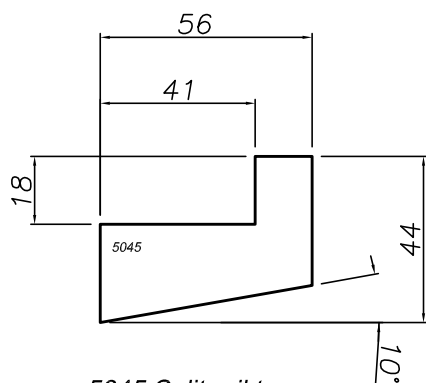


Sealant between sill
and sill reveal

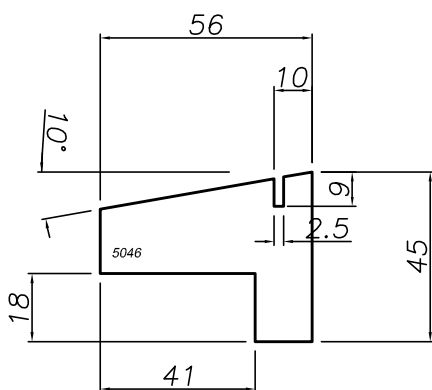


No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-01-09

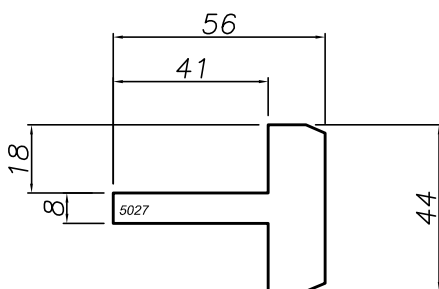
Profiles - Double Glazed



5045 Split rail top



5046 Split rail bottom

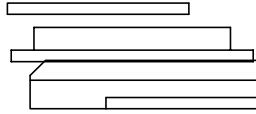
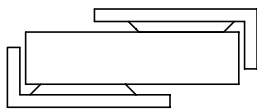


5027 Glazing bar



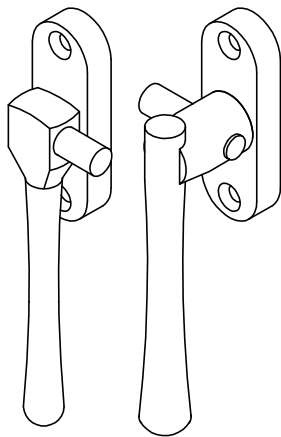
No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-01-10

Hardware



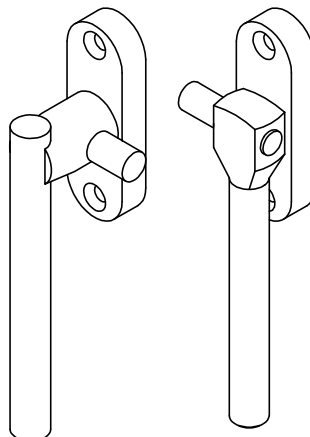
Part #	Desc.	
	Awning stay	
	Casement Stay	

Part #	Desc.
16011	Sash seal



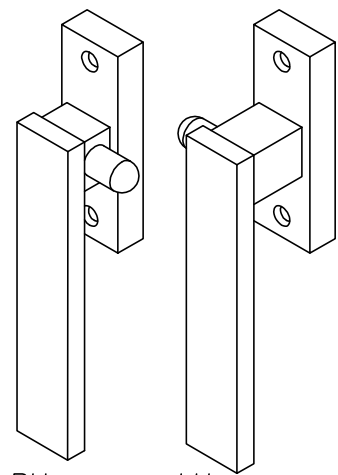
RH
Bypass

LH



RH

LH
Bypass



RH
Bypass

LH

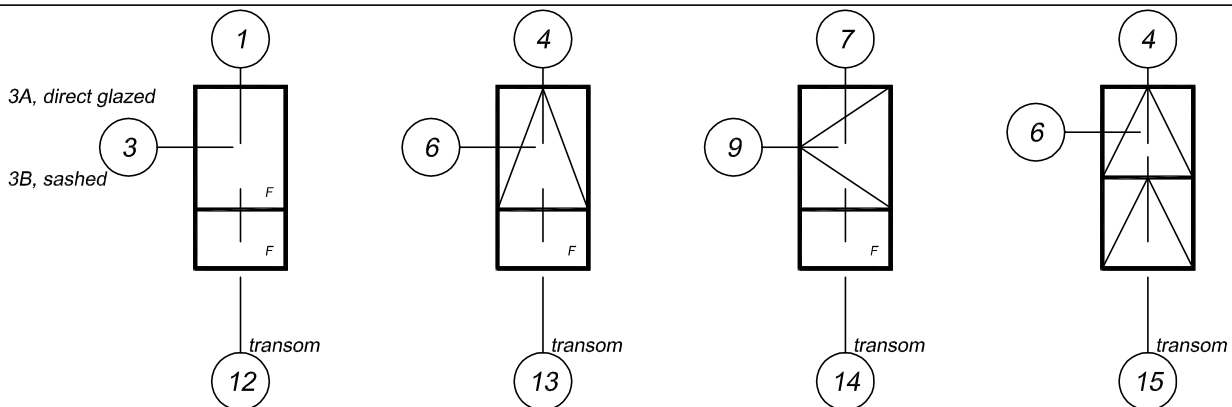
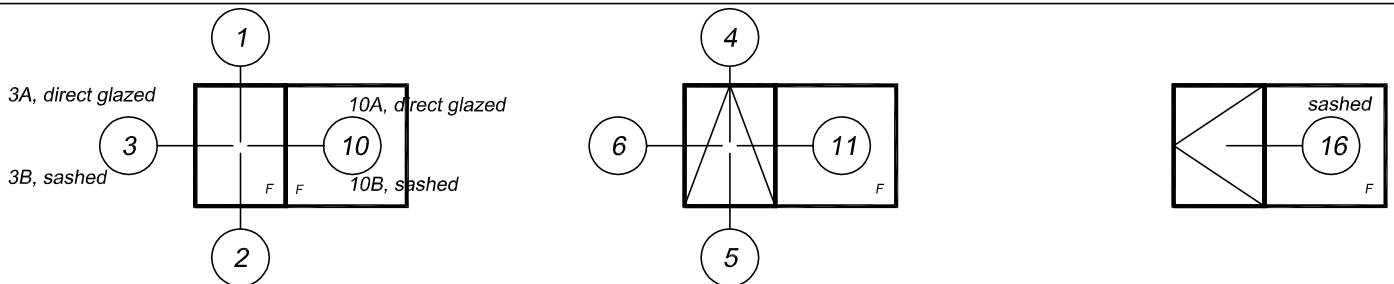
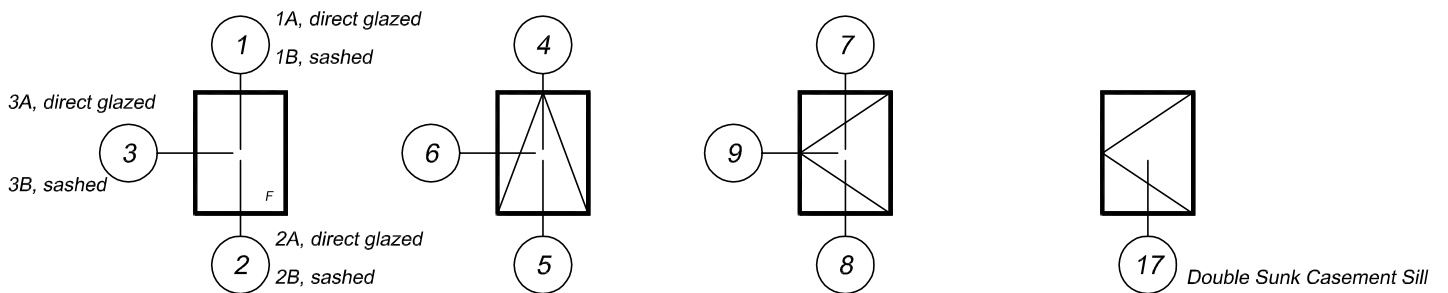
Part #	Desc.	
	Sash Fasteners	



No	Revision	Date	Detail No:
			Scale: 1:1
			Date: 1/6/2012
			Drawing No: S5-02-01

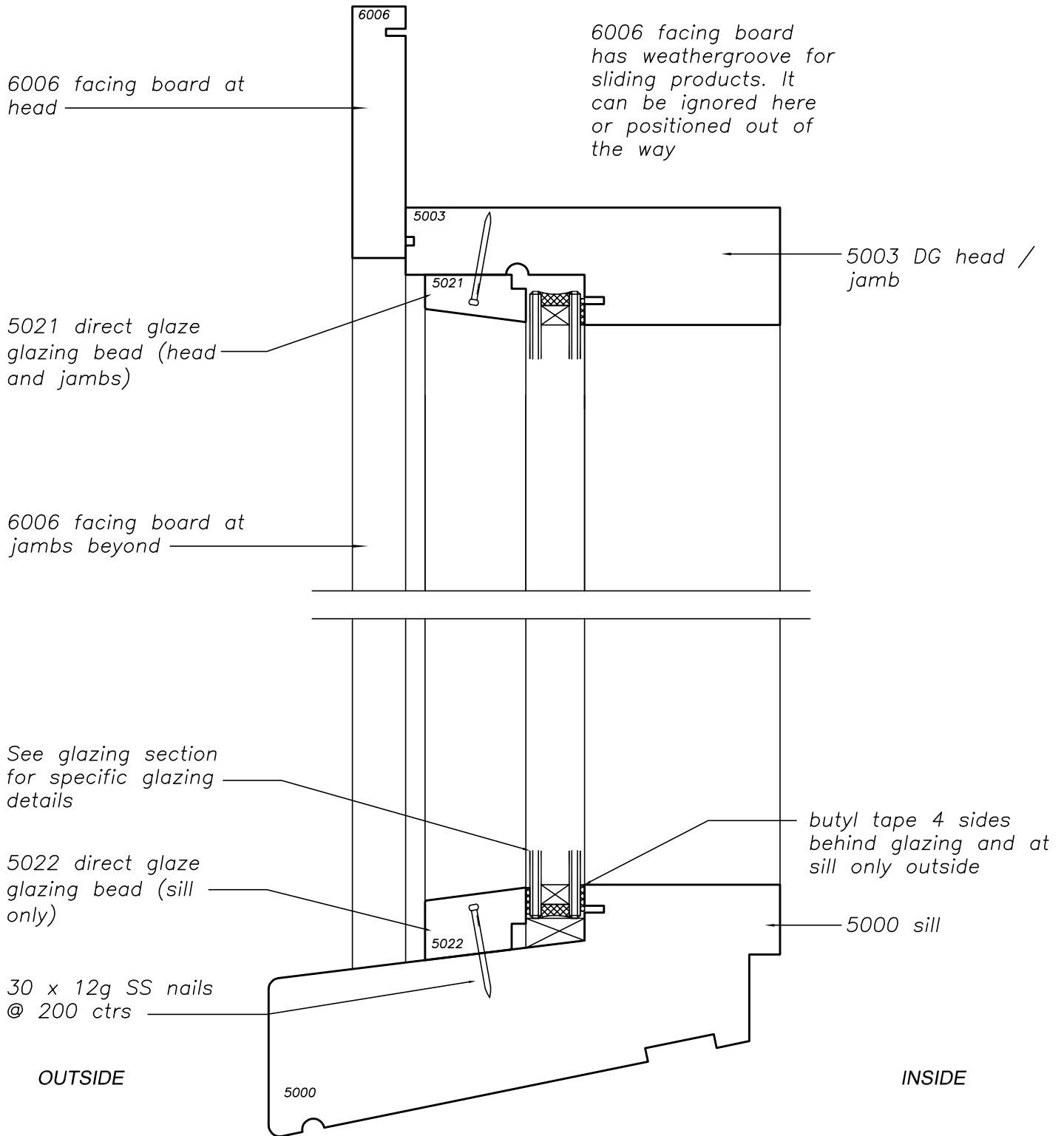
Cross Sections

3 — See detail on relevant page



No	Revision	Date	Detail No:
			Scale: 1:1 Date: 1/6/2012
			Drawing No: S5-03-01

Cross Section Details

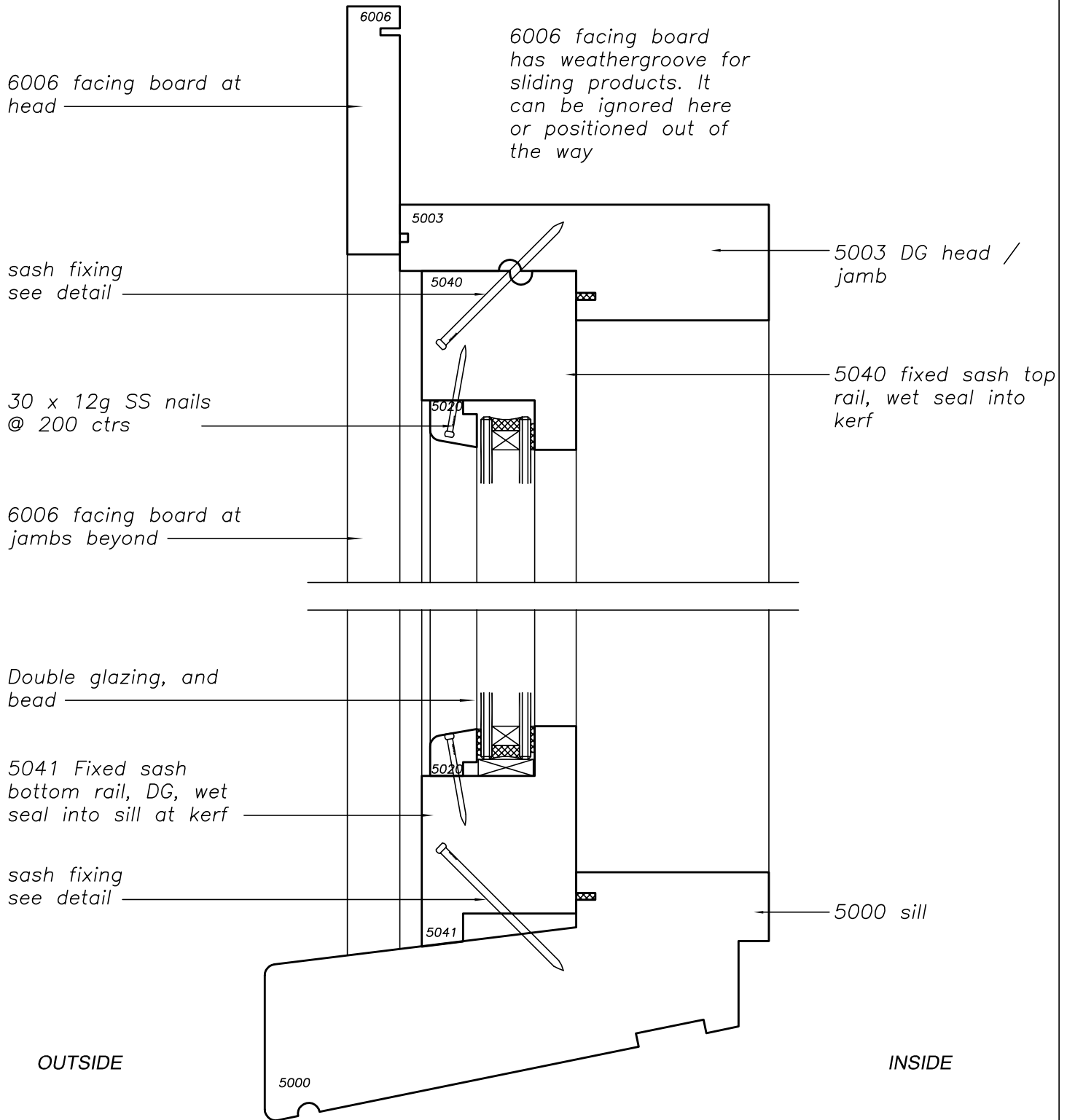


1A Head (fixed glazing direct) 2A Sill (fixed glazing direct)



No	Revision	Date	Detail No:
			1A & 2A
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-02

Cross Section Details



1B Head (fixed sash glazing)

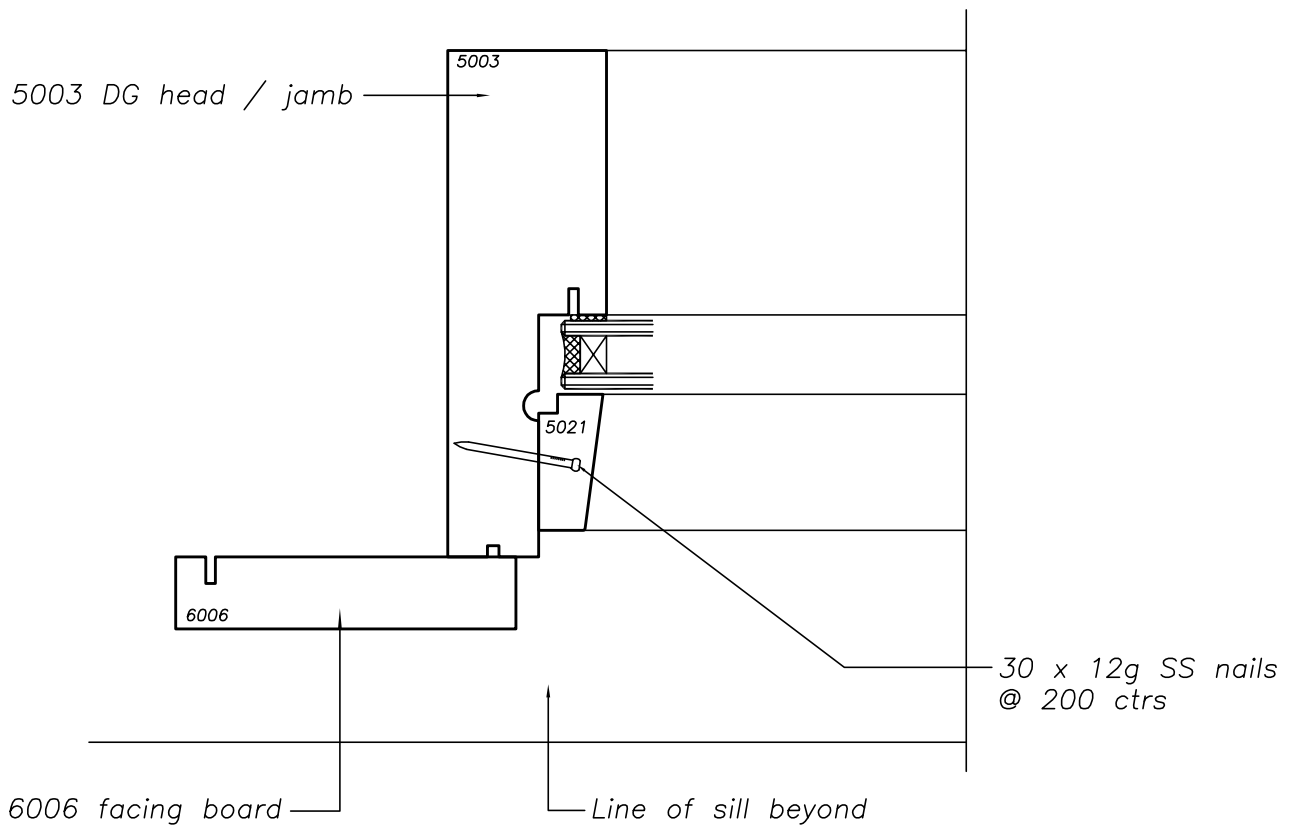
2B Sill (fixed sash glazing)



No	Revision	Date

Detail No:	1B & 2B
Scale: 1:2	Date: 1/6/2012
Drawing No:	S5-03-03

Cross Section Details

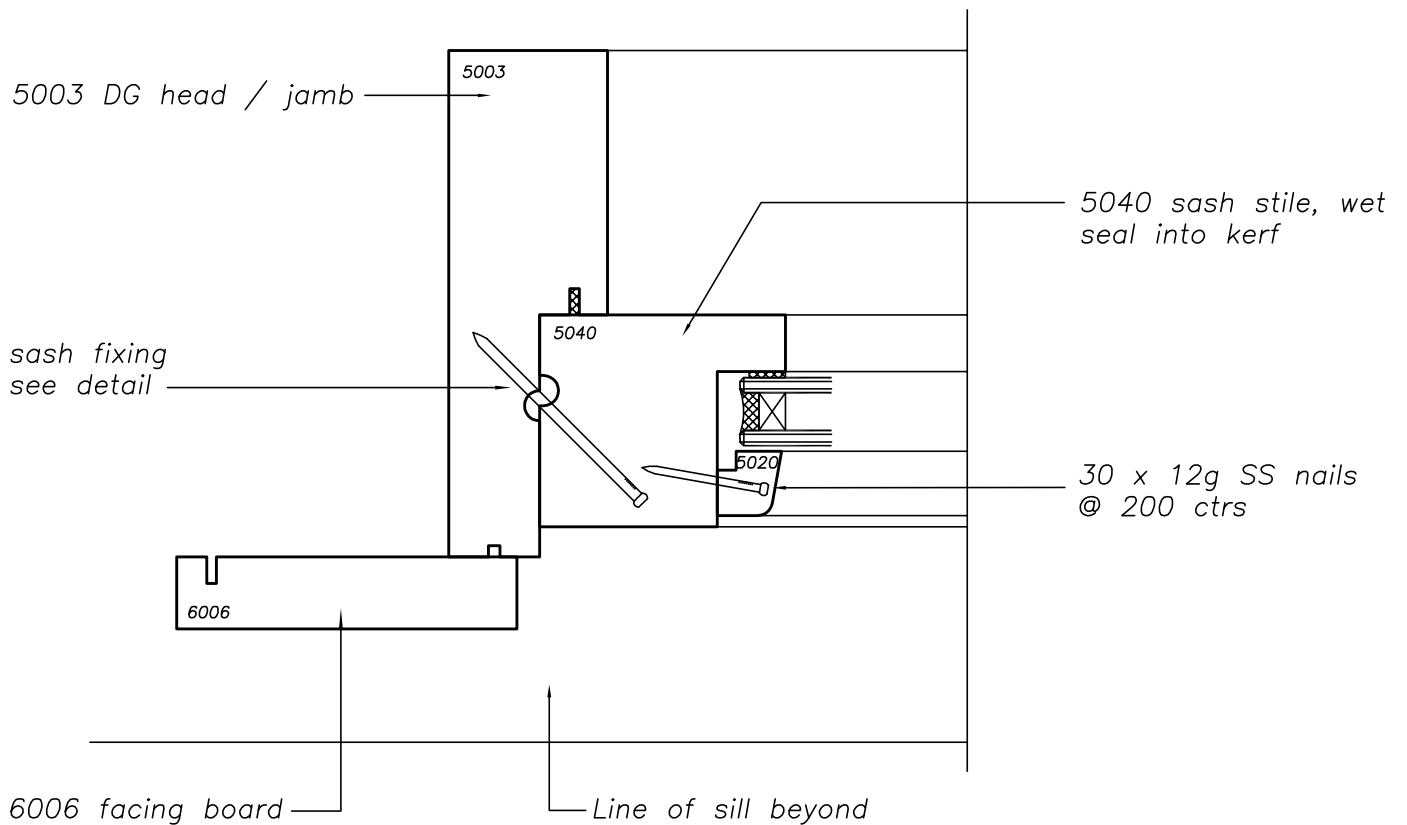


3A Jamb (fixed glazing direct)



No	Revision	Date	Detail No:
			3A
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-04

Cross Section Details

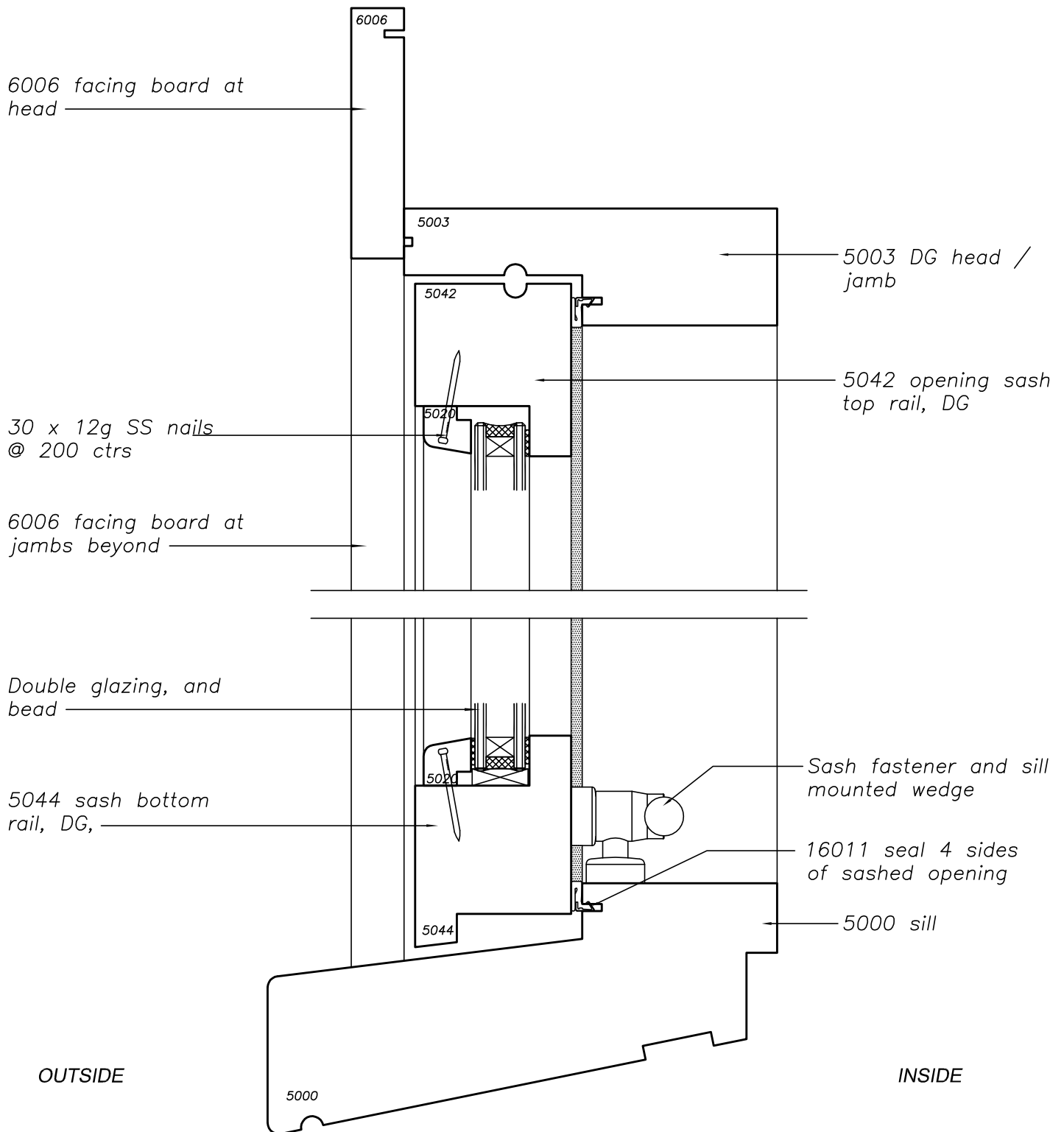


3B Jamb (fixed sash glazing)



No	Revision	Date	Detail No:
			3B
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-05

Cross Section Details



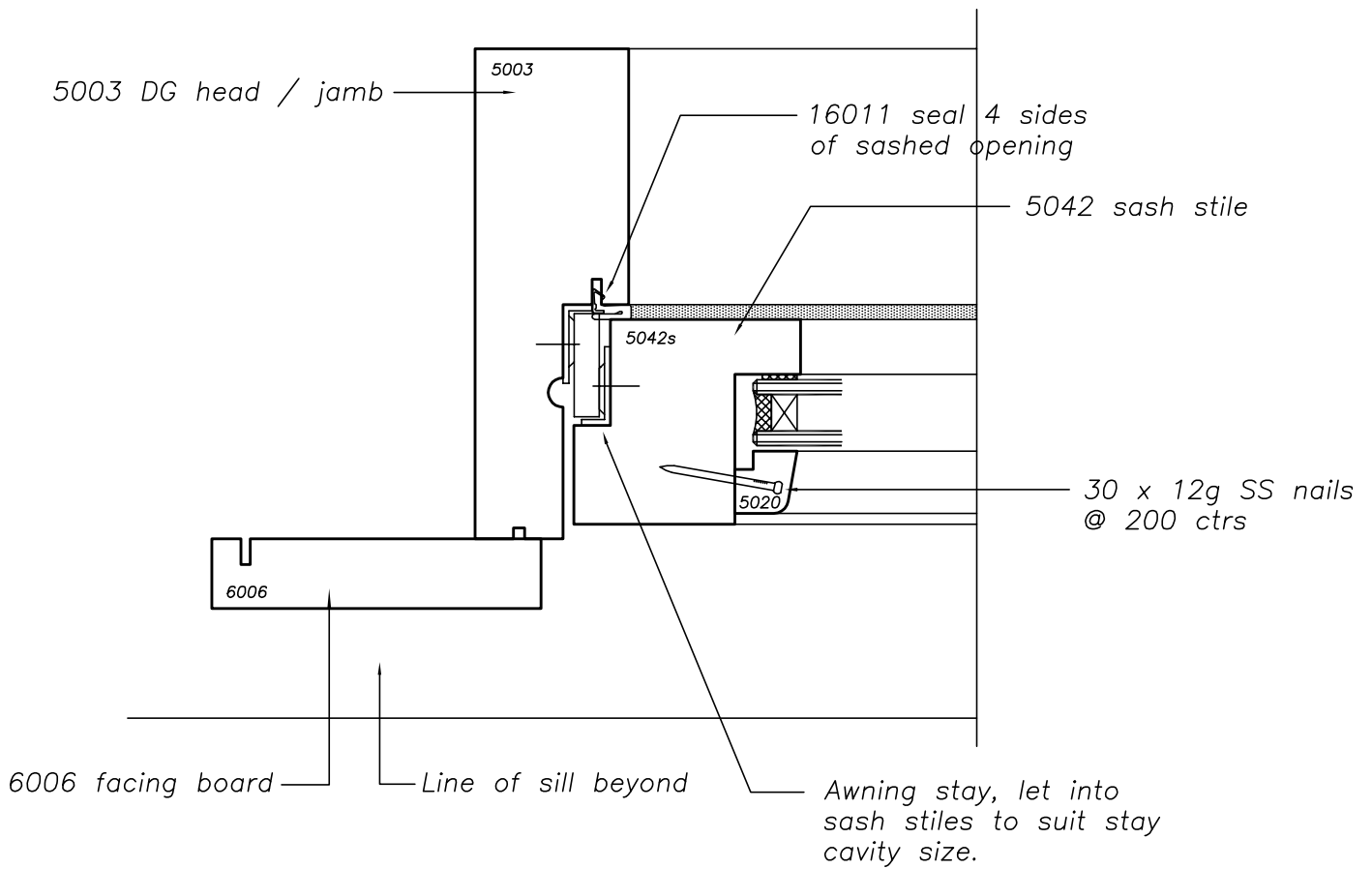
4 Head (awning at sash)

5 Sill (at awning sash)



No	Revision	Date	Detail No:
			4 & 5
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-06

Cross Section Details

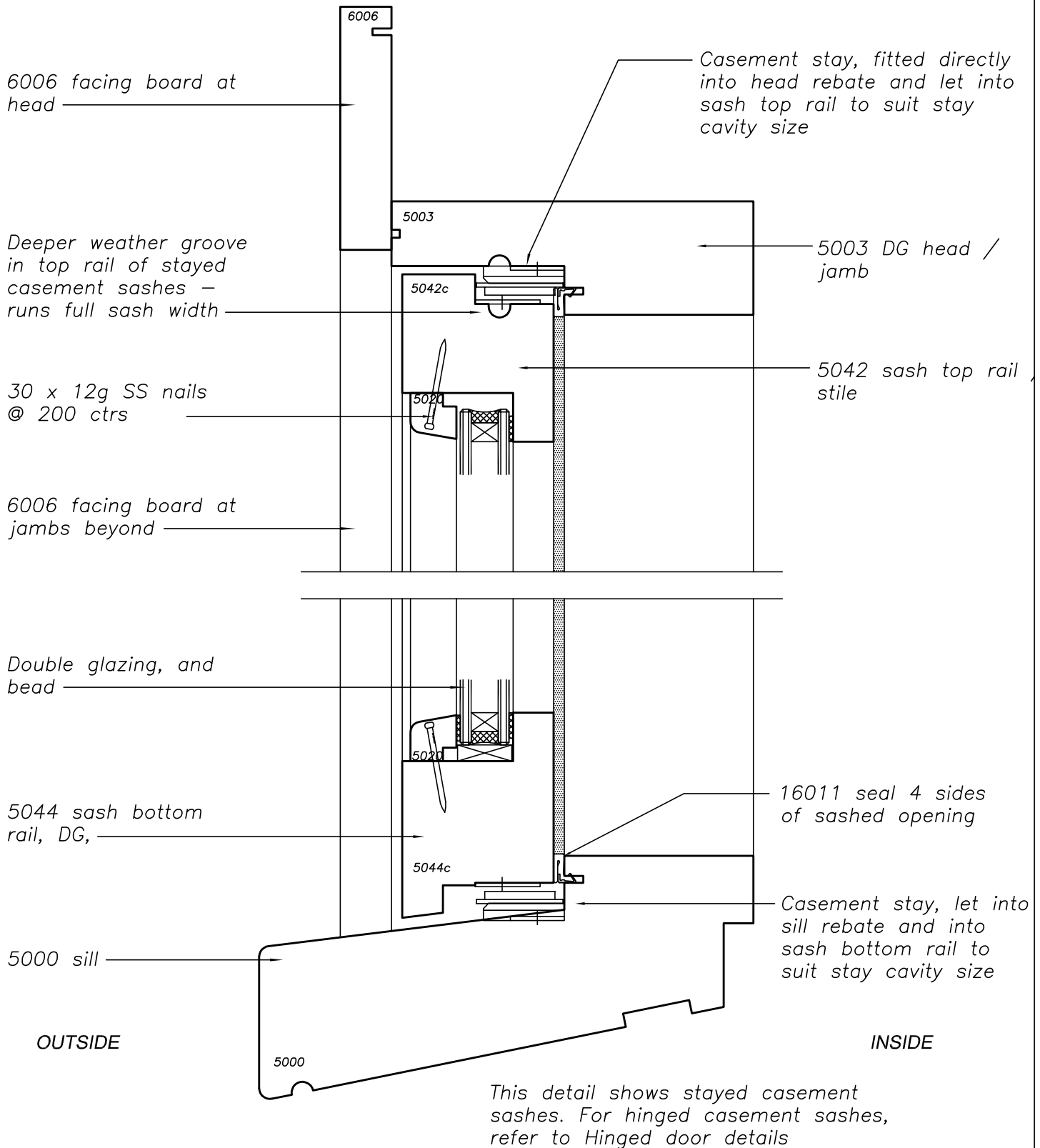


6 Jamb (awning sash)



No	Revision	Date	Detail No:
			6
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-07

Cross Section Details

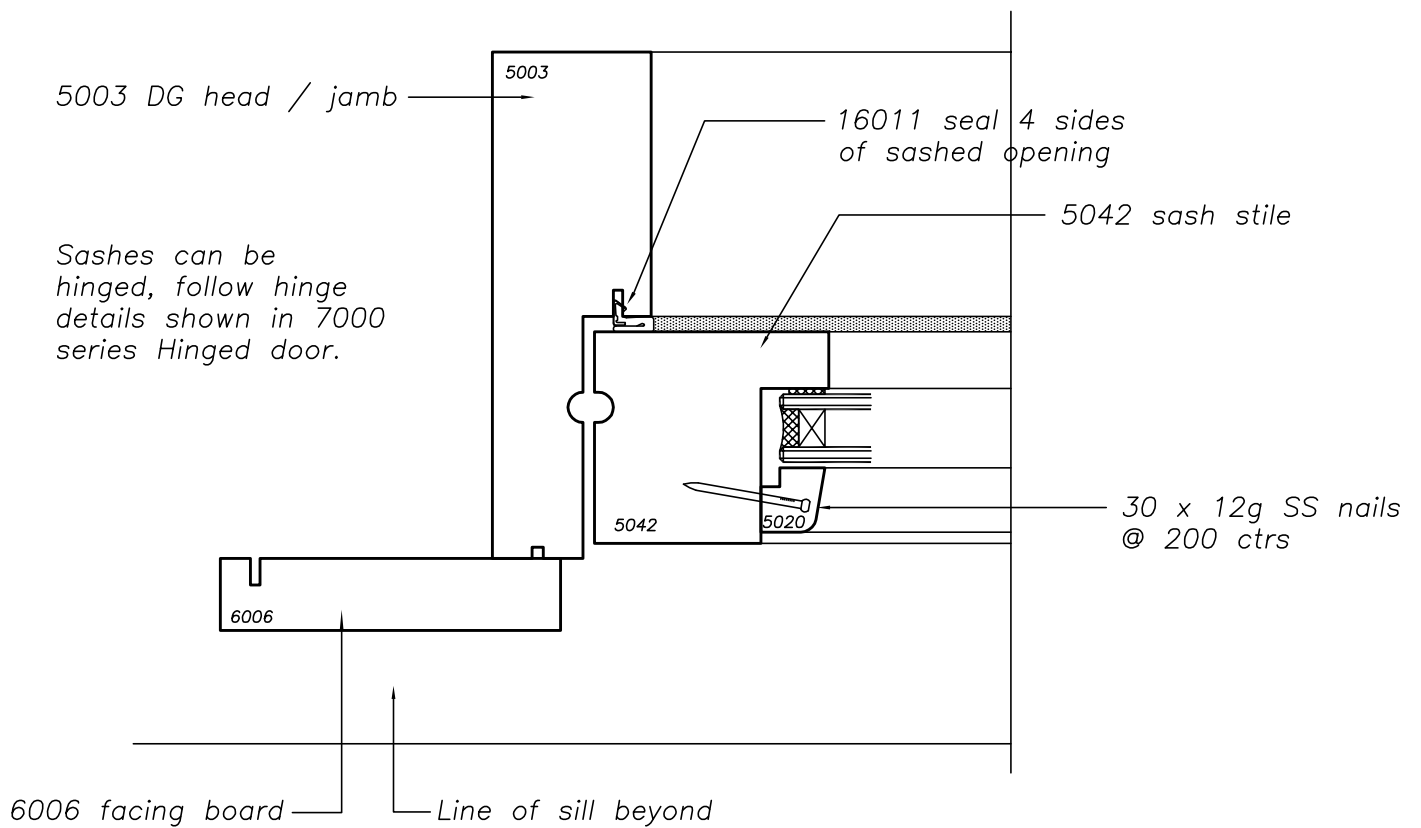


7 Head (at casement sash) 8 Sill (at casement sash)



No	Revision	Date	Detail No:
			7 & 8
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-08

Cross Section Details

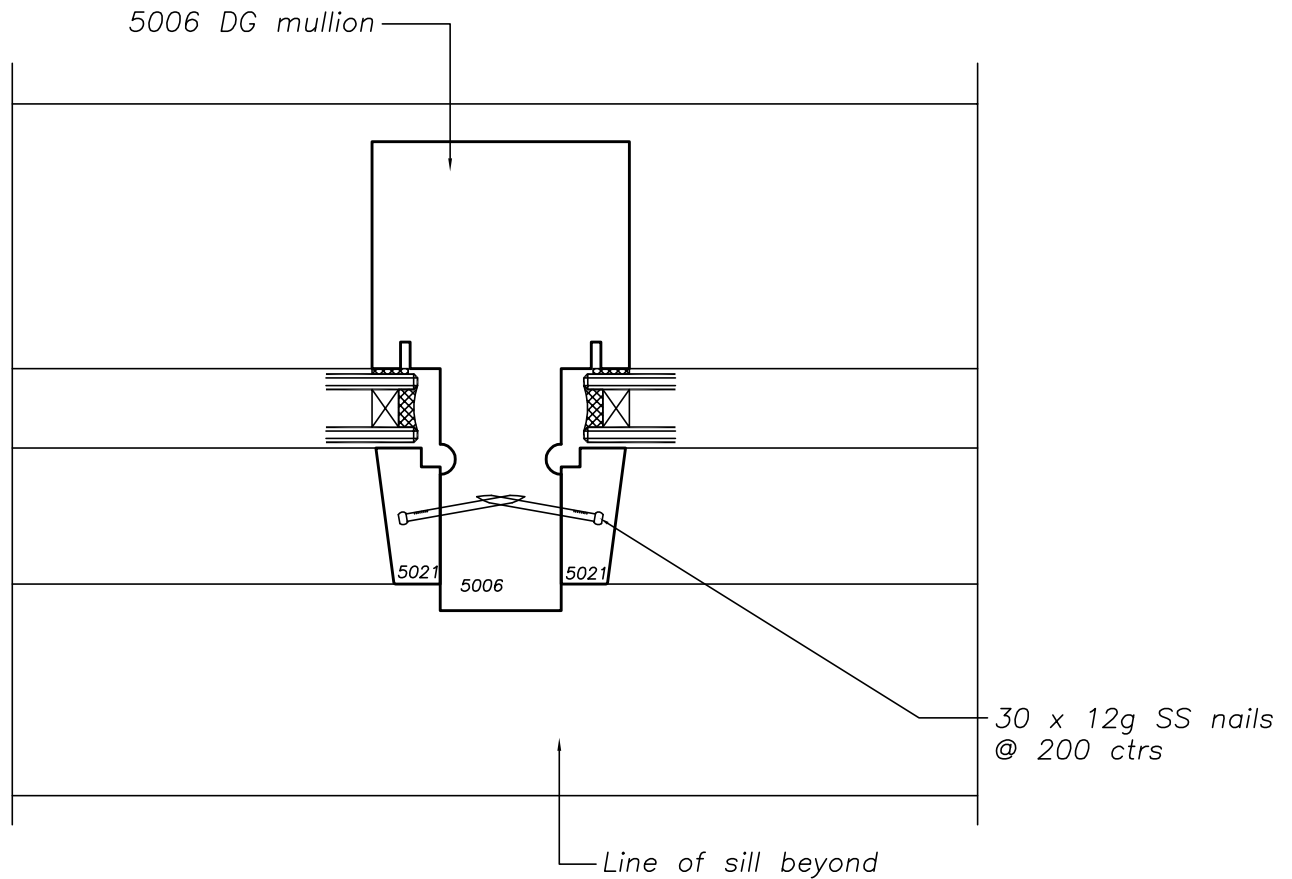


9 Jamb (casement sash)



No	Revision	Date	Detail No:
			9
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-09

Cross Section Details

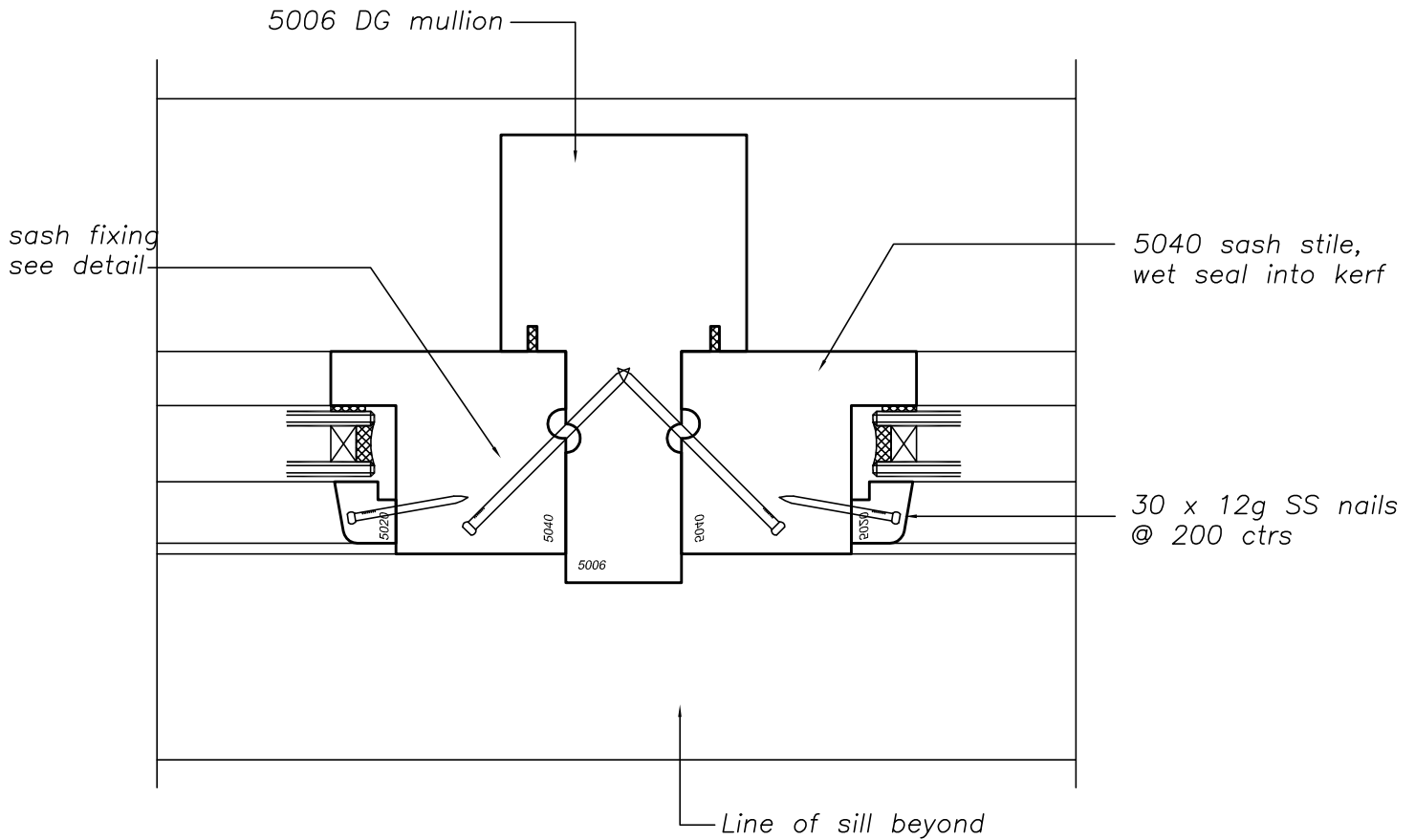


(10A) Mullion (fixed / fixed glazing)



No	Revision	Date	Detail No:
			10A
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-10

Cross Section Details

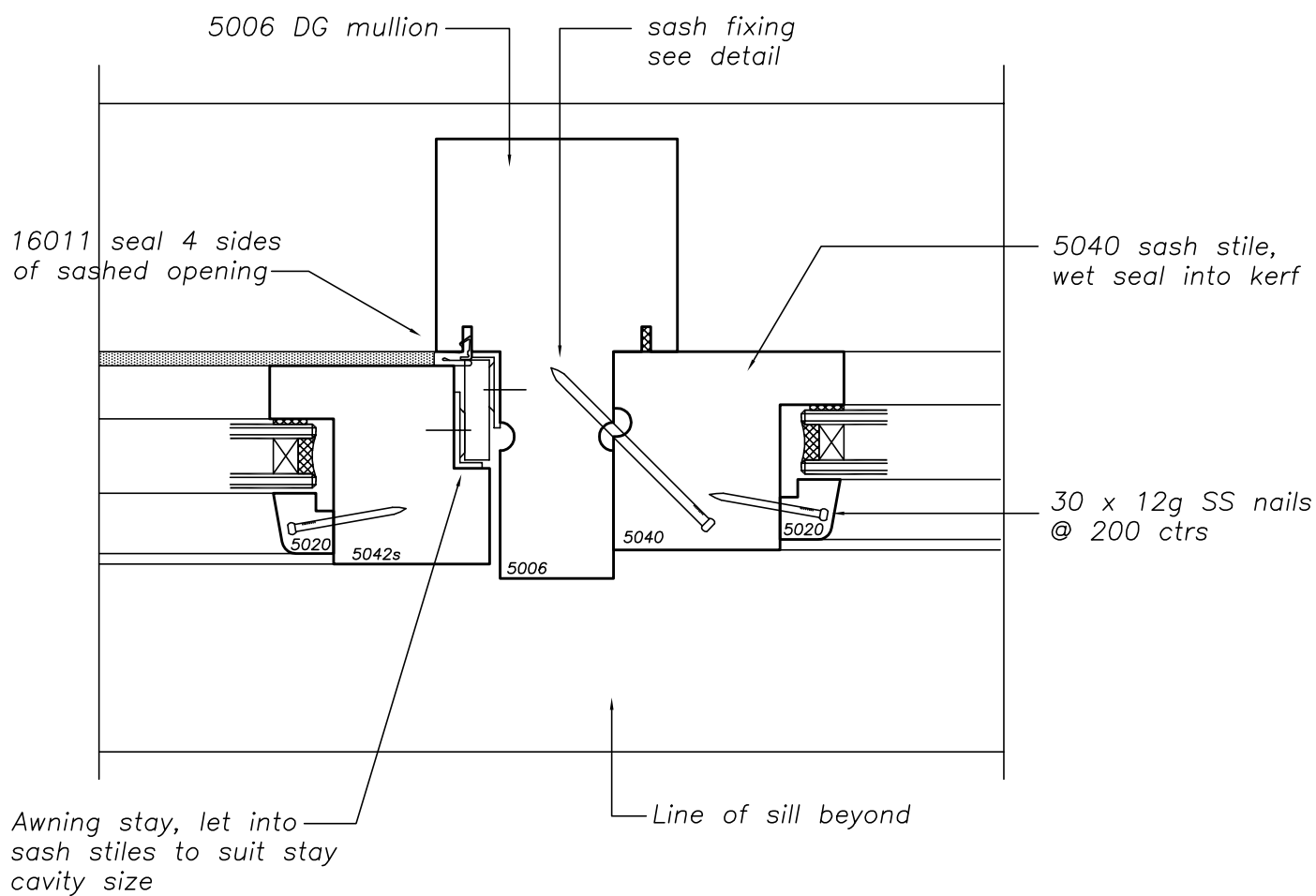


10B Mullion (fixed sash / fixed sash glazing)



No	Revision	Date	Detail No:
			10B
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-11

Cross Section Details

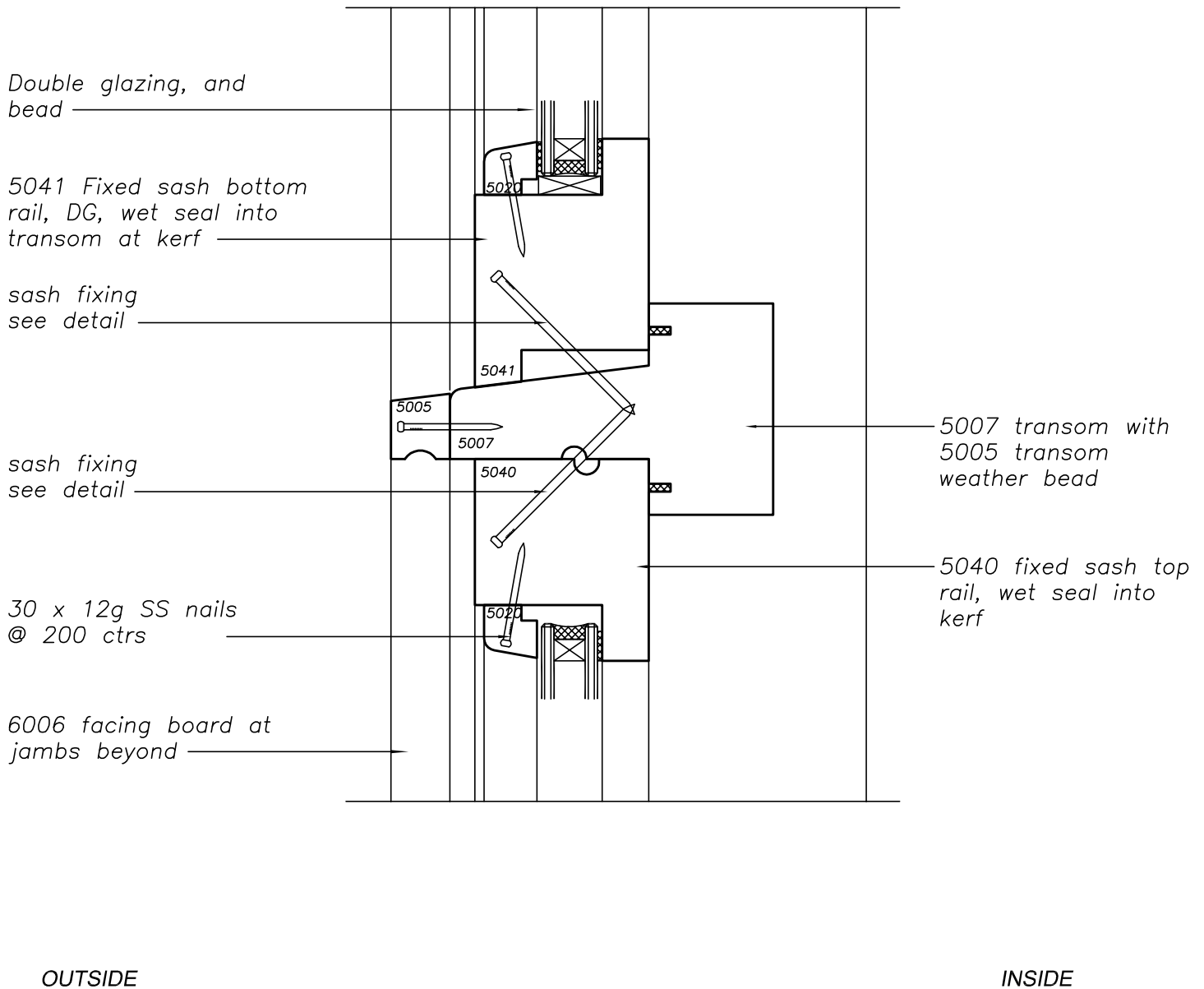


11 Mullion (sash / fixed sash glazing)



No	Revision	Date	Detail No:
			11
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-12

Cross Section Details



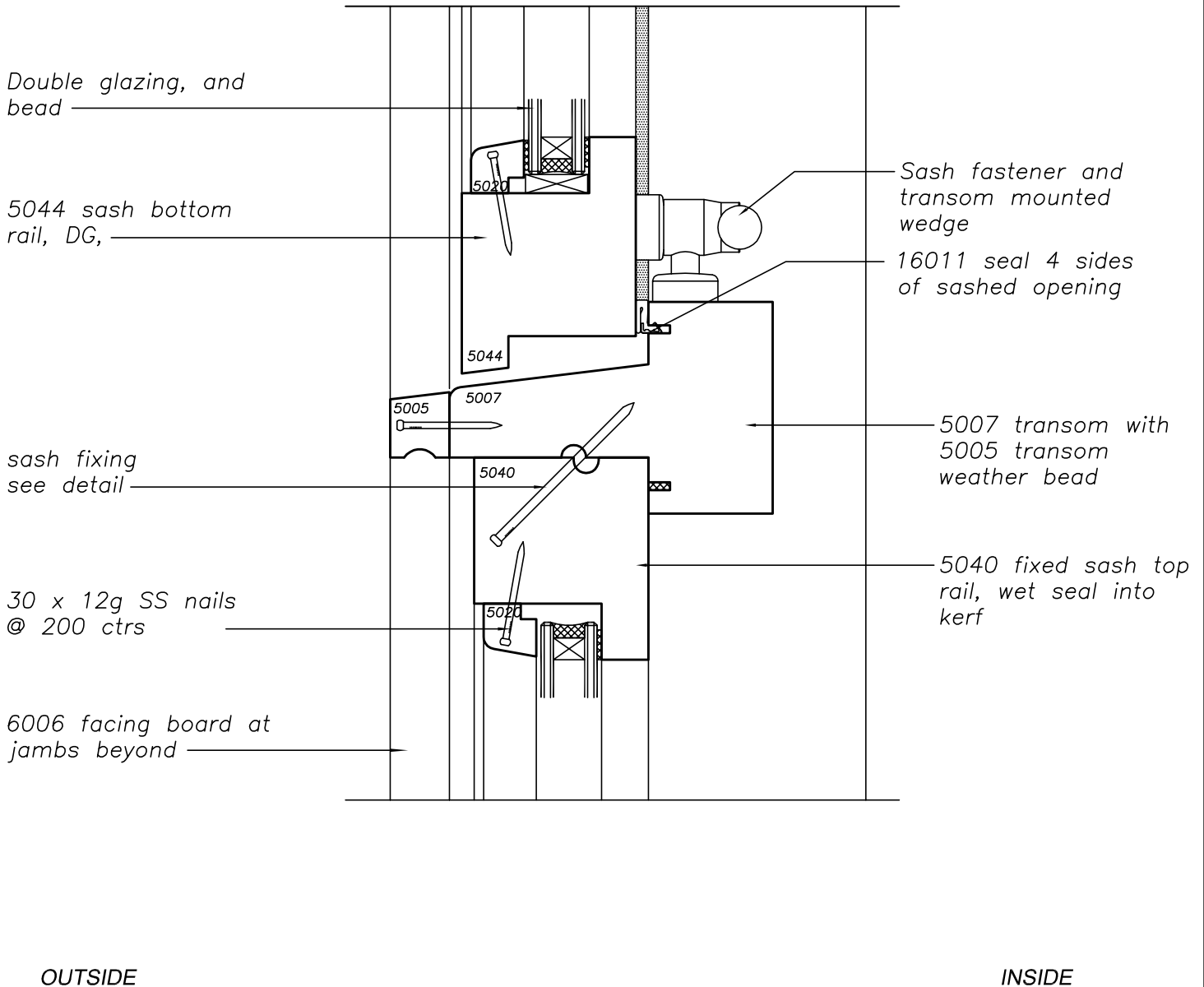
12 Transom (fixed sash glazing)



No	Revision	Date

Detail No:	12
Scale: 1:2	Date: 1/6/2012
Drawing No:	S5-03-13

Cross Section Details

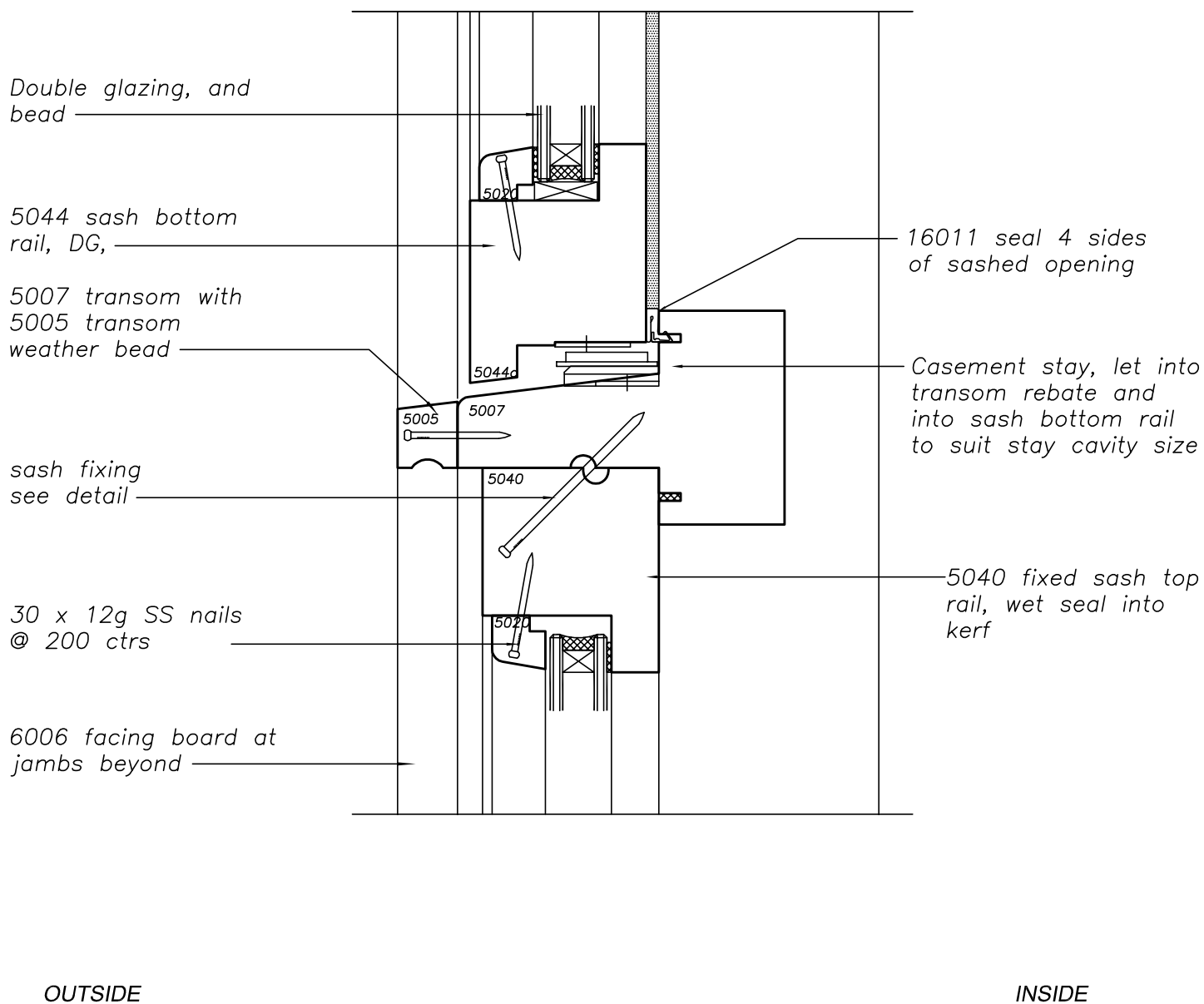


13 Transom (awning sash over fixed sash)



No	Revision	Date	Detail No:
			13
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-14

Cross Section Details

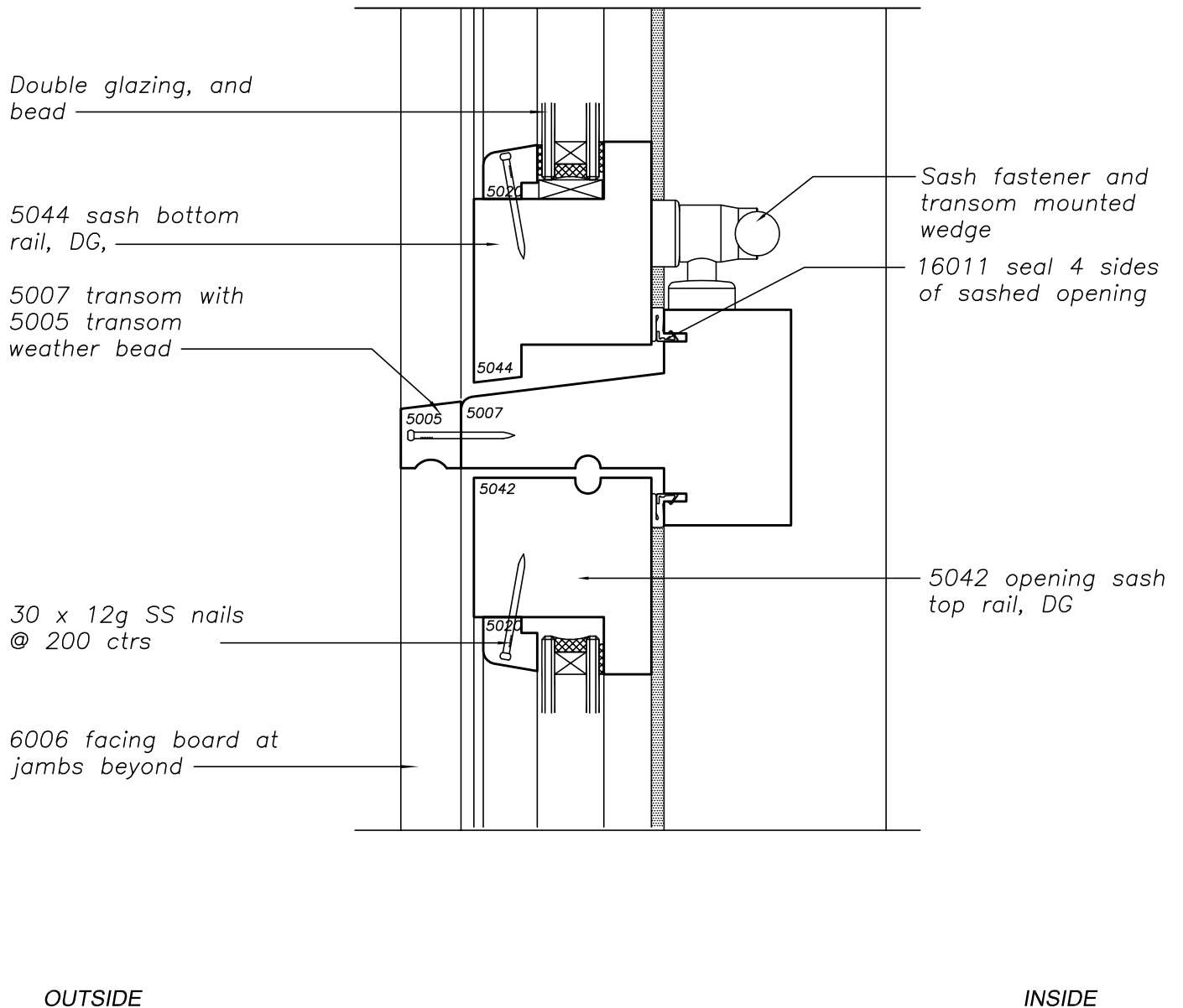


14 Transom (casement sash over fixed sash)



No	Revision	Date	Detail No:
			14
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-15

Cross Section Details

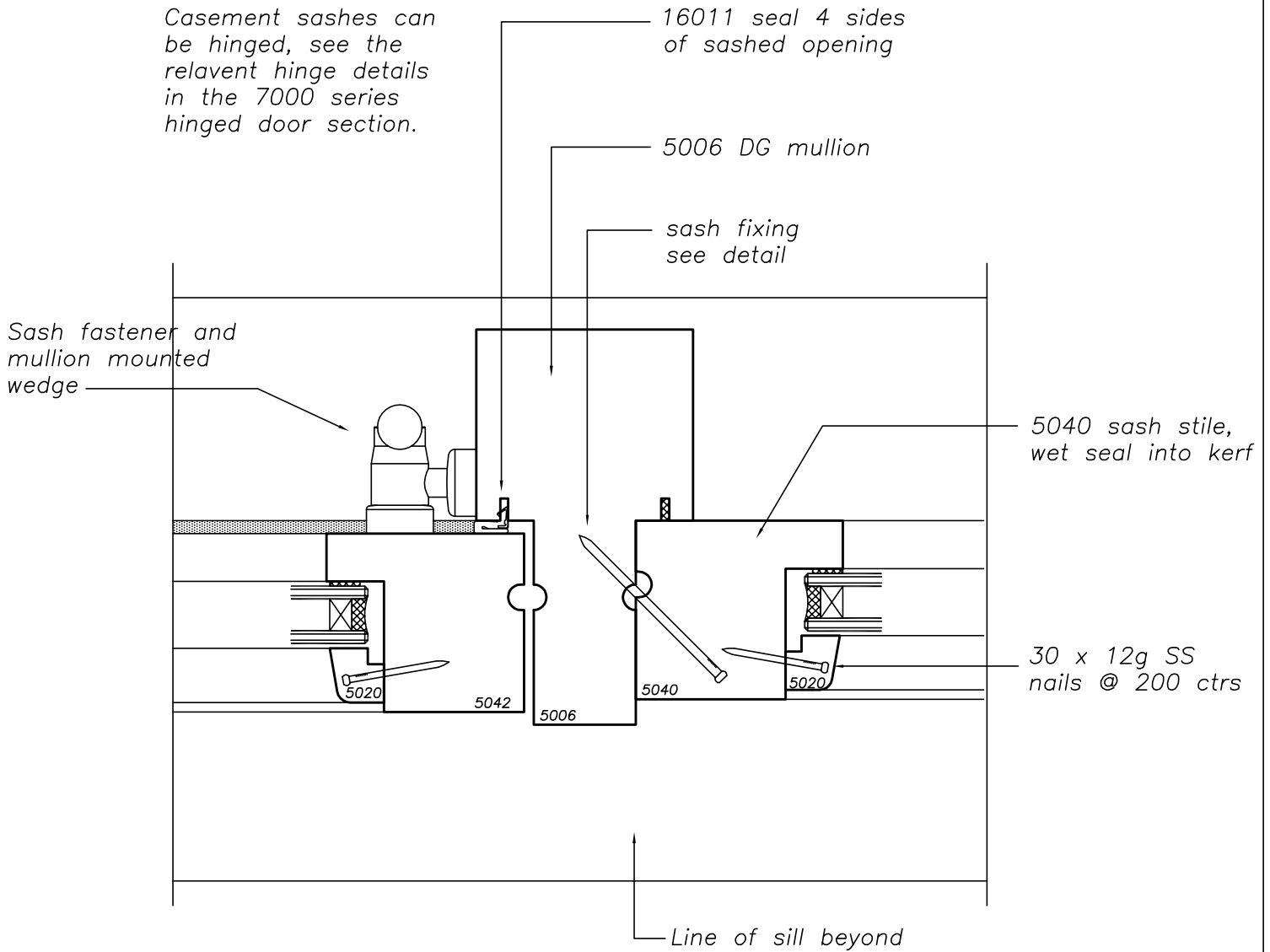


15 Transom (awning sash awning over sash)



No	Revision	Date	Detail No:
			15
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-16

Cross Section Details

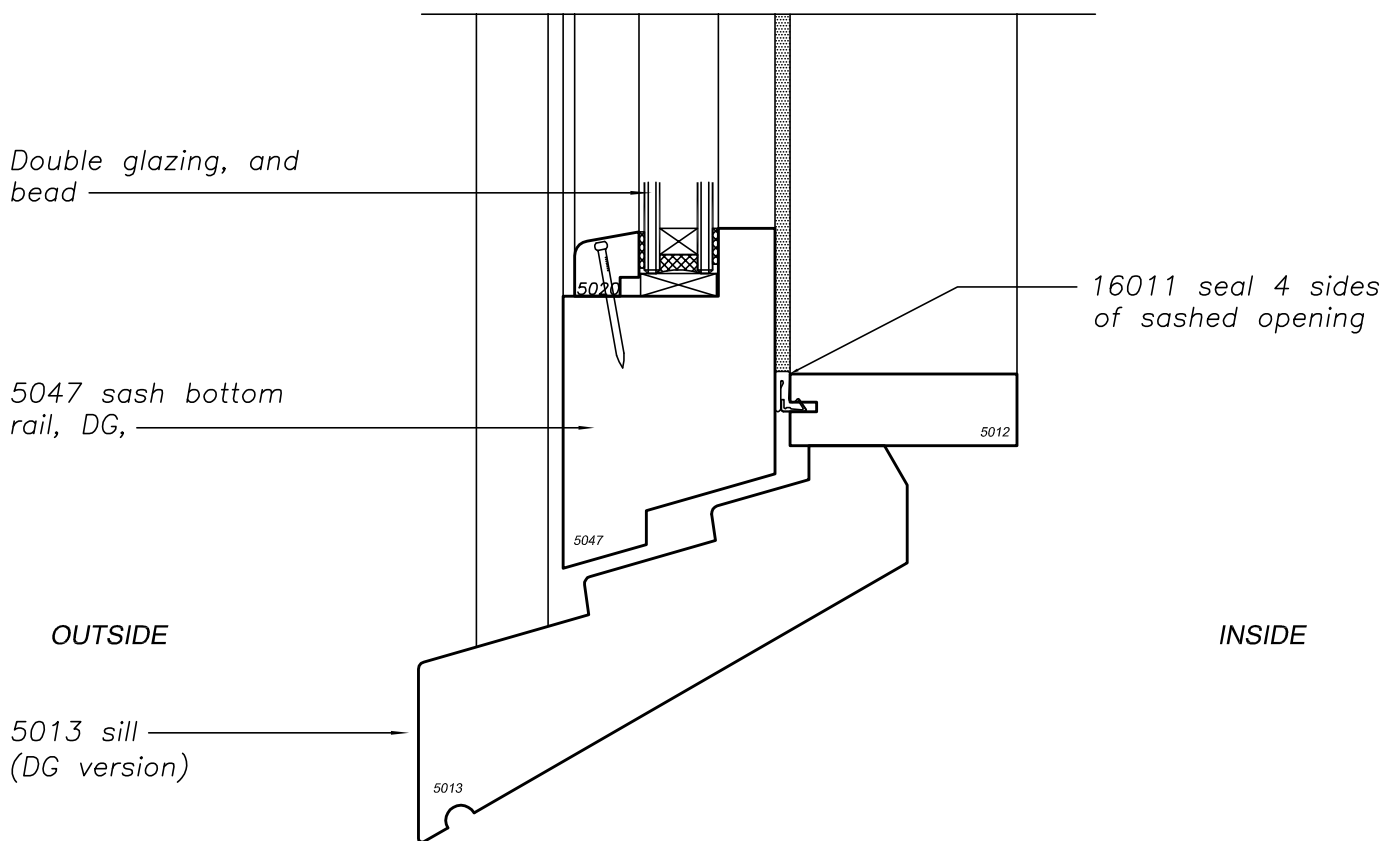


16 Mullion (casement sash / fixed sash glazing)



No	Revision	Date	Detail No:
			16
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-17

Cross Section Details

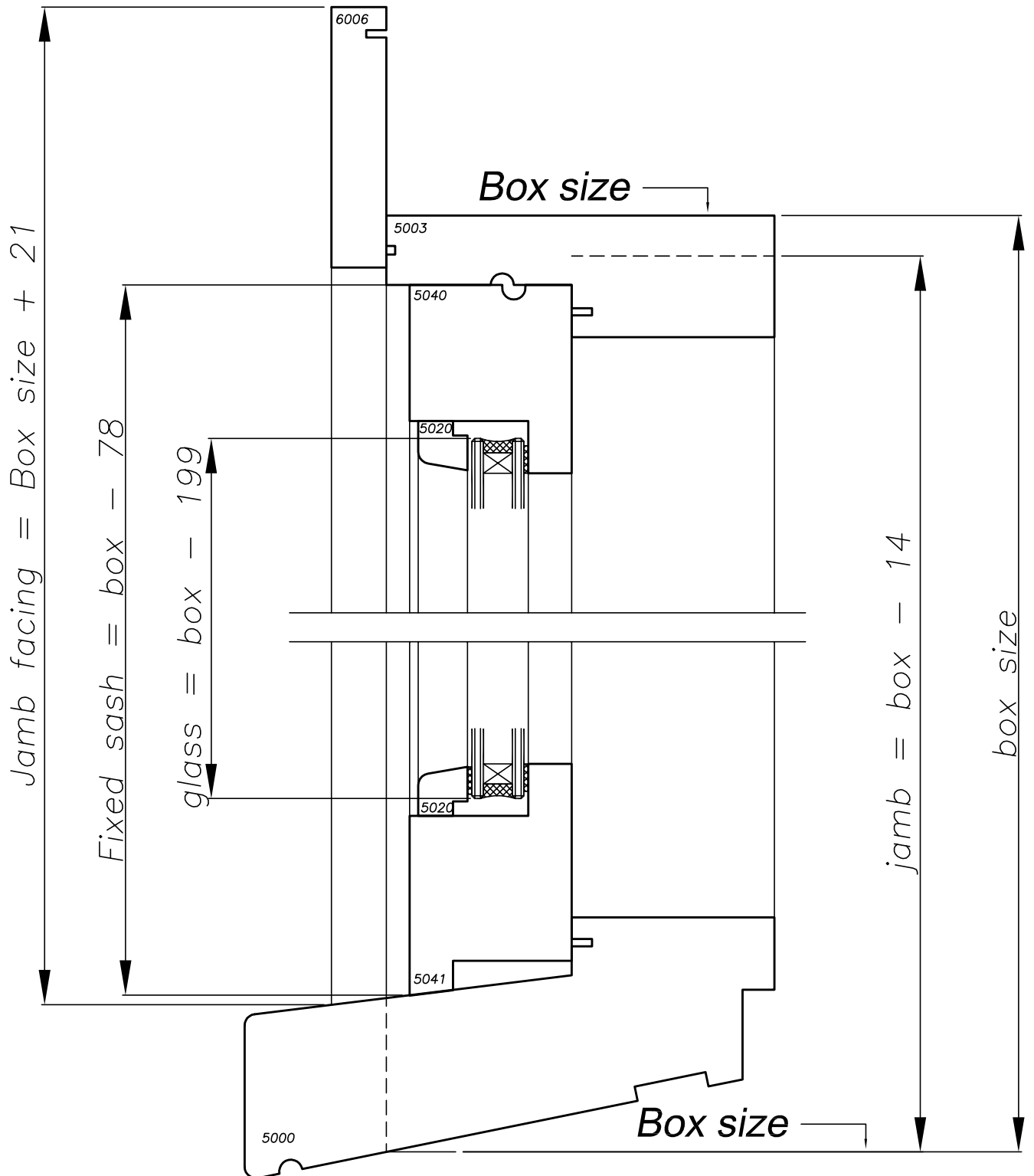


17 Sill (at casement sash)
Double Sunk Sill (DG)



No	Revision	Date	Detail No:
			17
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-03-18

Deductions & Clearances



OUTSIDE

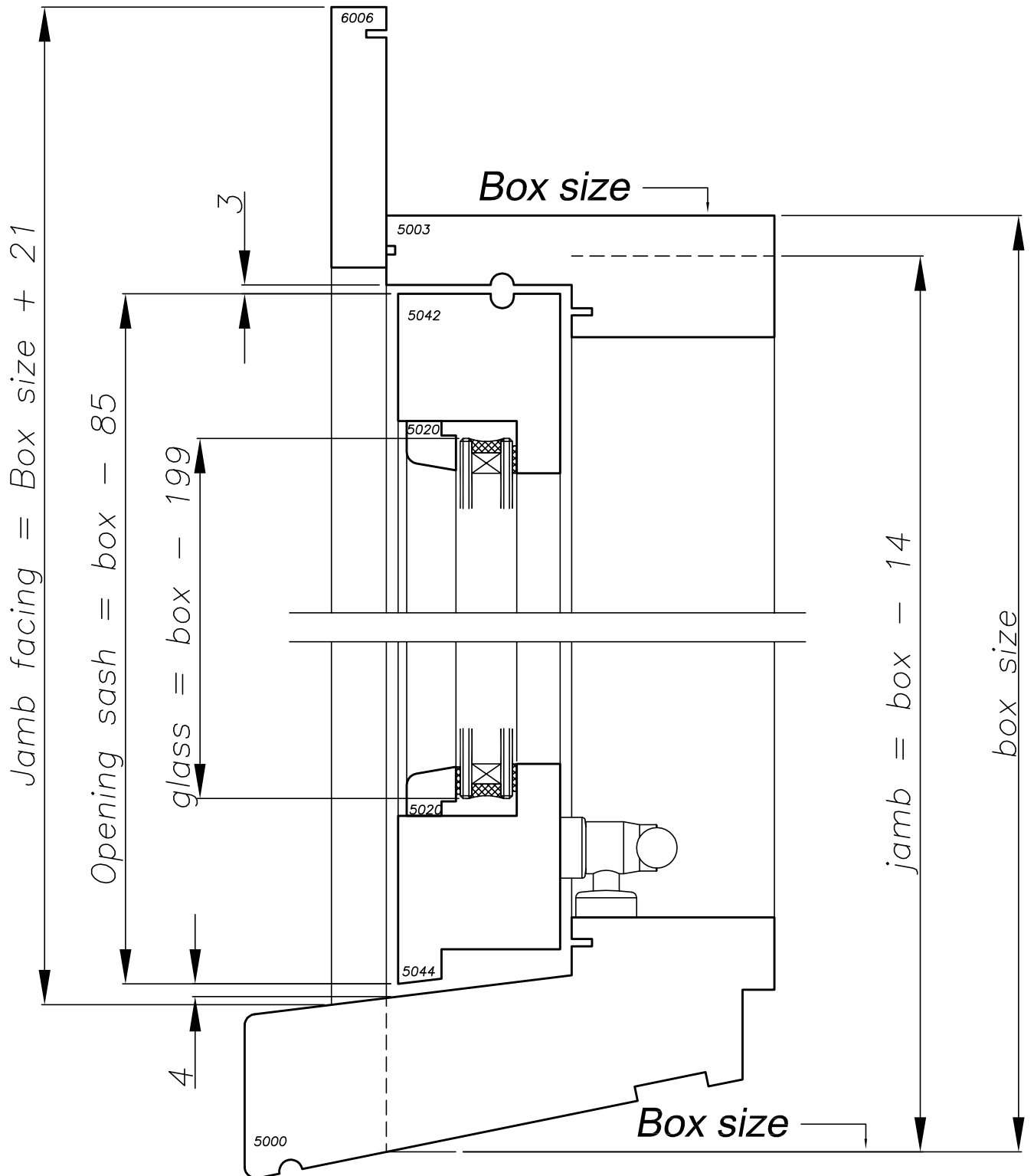
Fixed sash vertical - DG (SG similar)

INSIDE



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-01

Deductions & Clearances



OUTSIDE

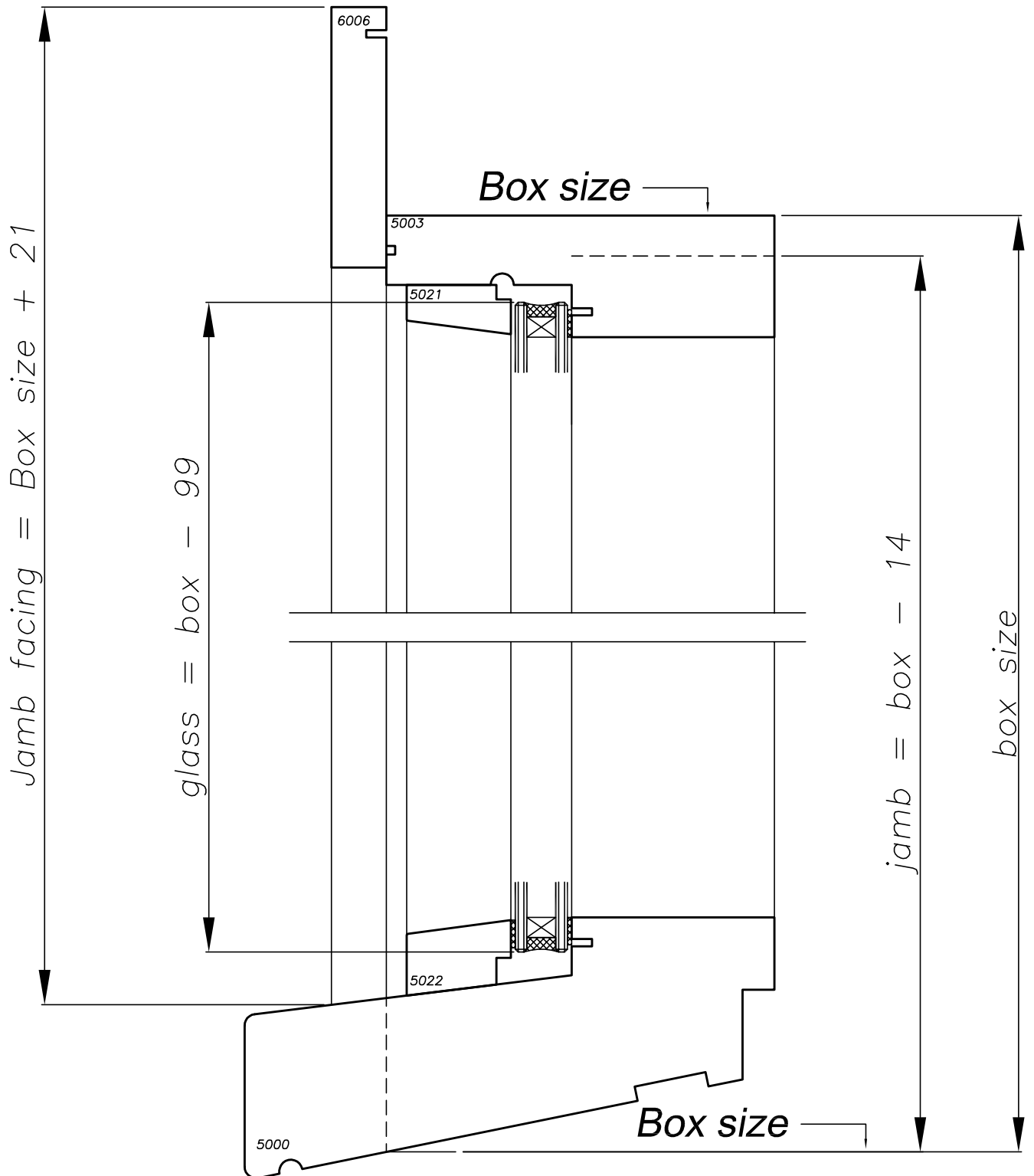
Opening sash vertical - DG, (SG similar)

INSIDE



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-02

Deductions & Clearances



OUTSIDE

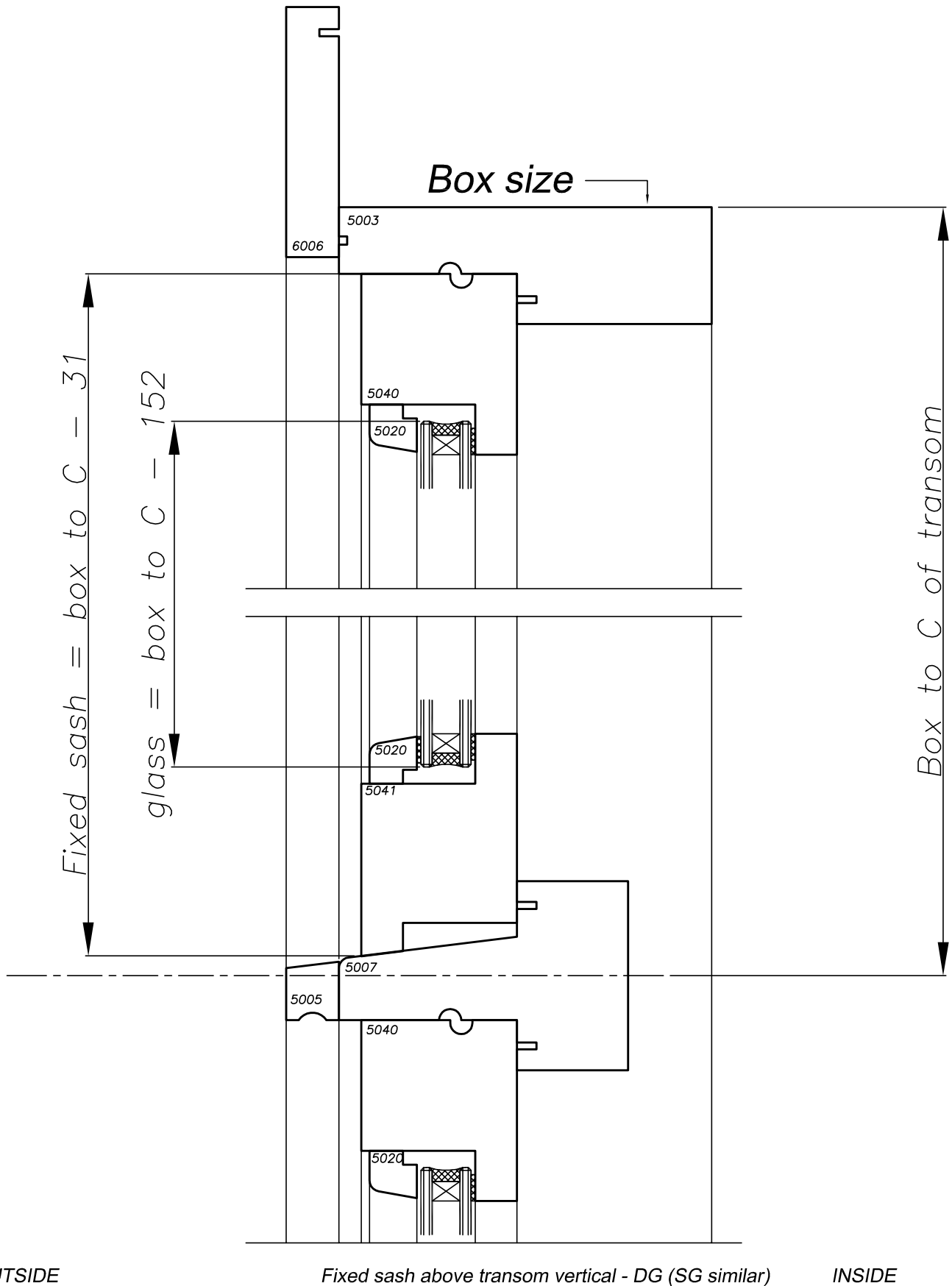
Direct glazed vertical - DG, (SG similar)

INSIDE



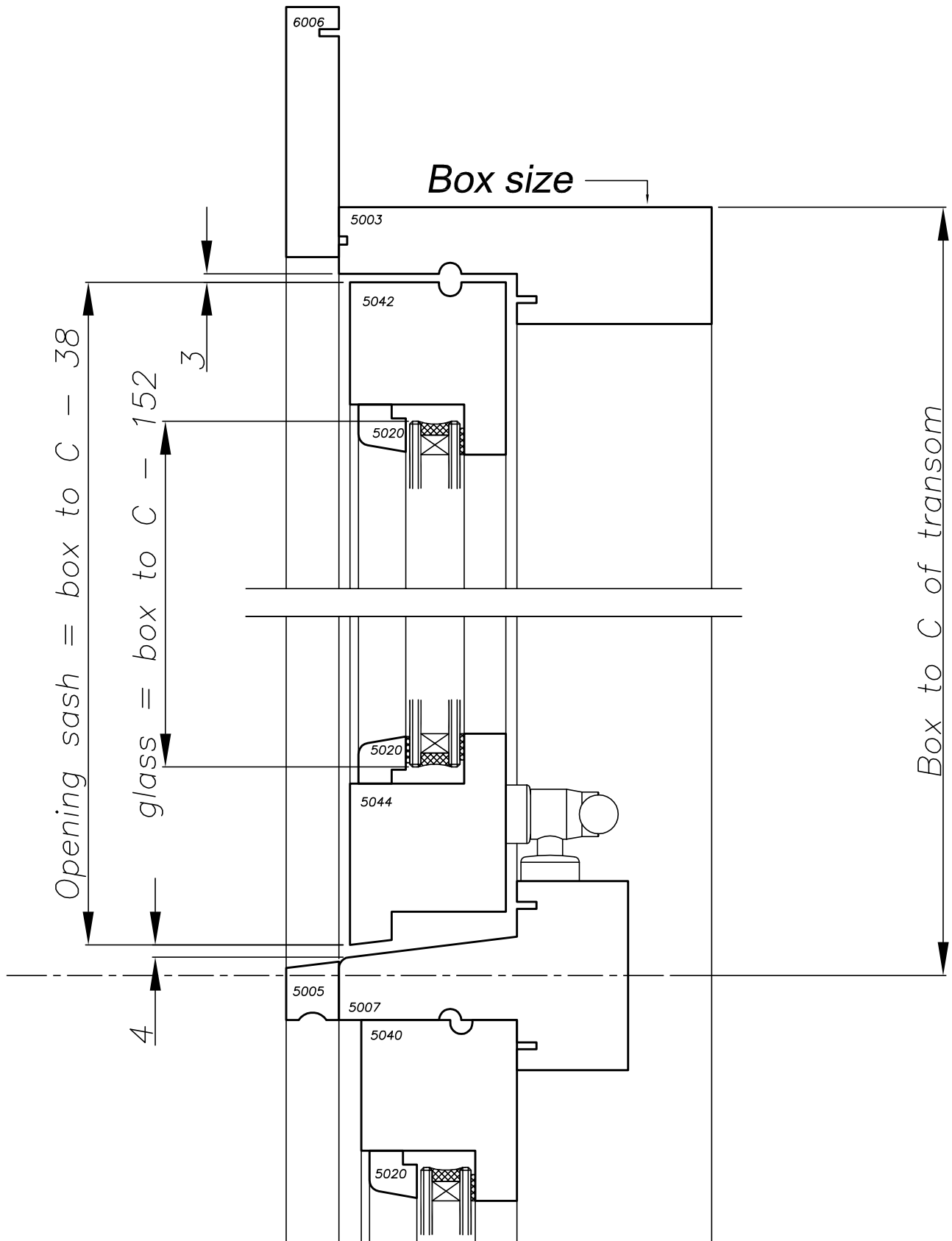
No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-03

Deductions & Clearances



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-04

Deductions & Clearances



OUTSIDE

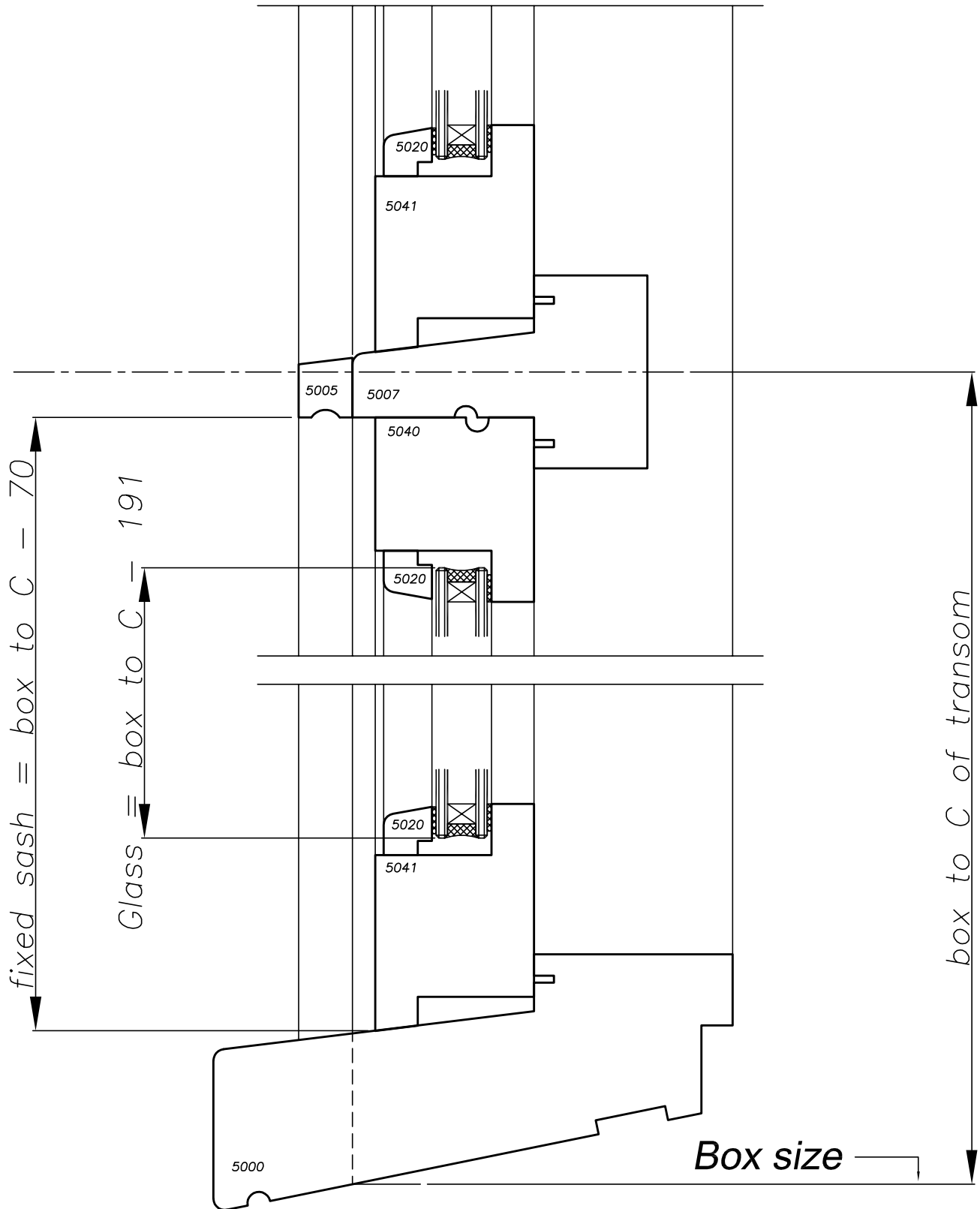
Opening sash above transom vertical - DG, (SG similar)

INSIDE



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-05

Deductions & Clearances



OUTSIDE

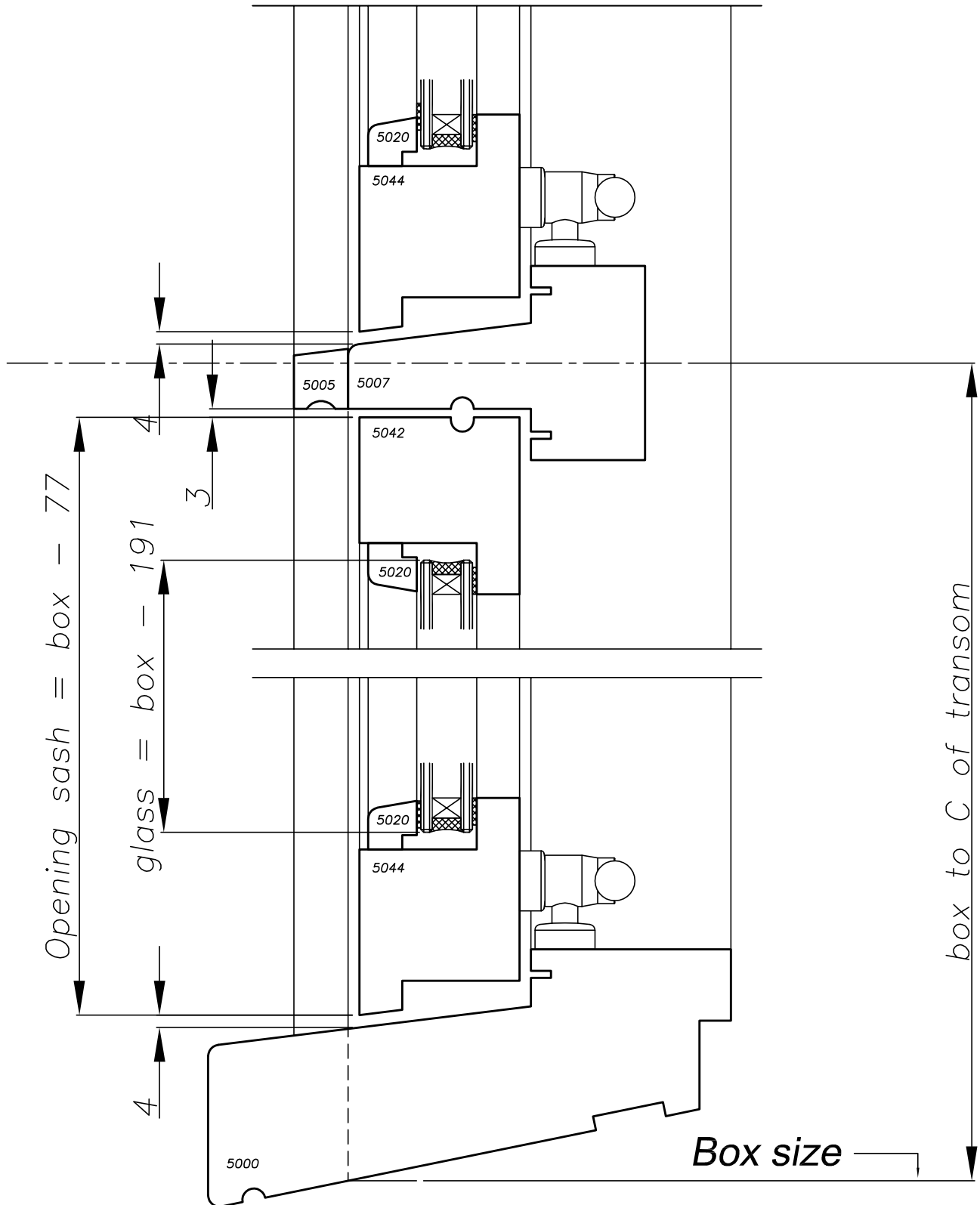
Fixed sash below transom vertical - DG (SG similar) INSIDE



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-06

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Deductions & Clearances



OUTSIDE

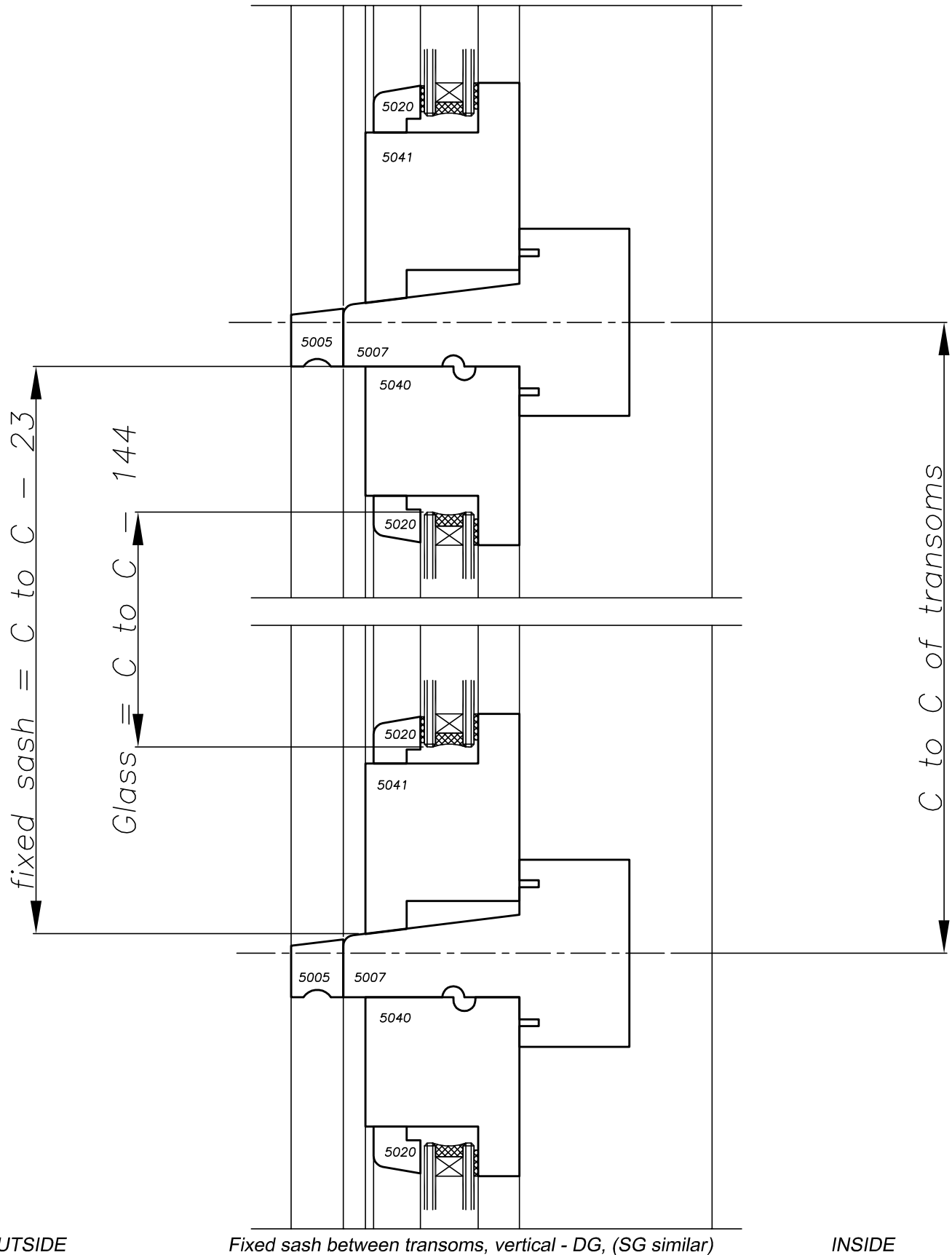
Opening sash below transom vertical - DG, (SG similar)

INSIDE



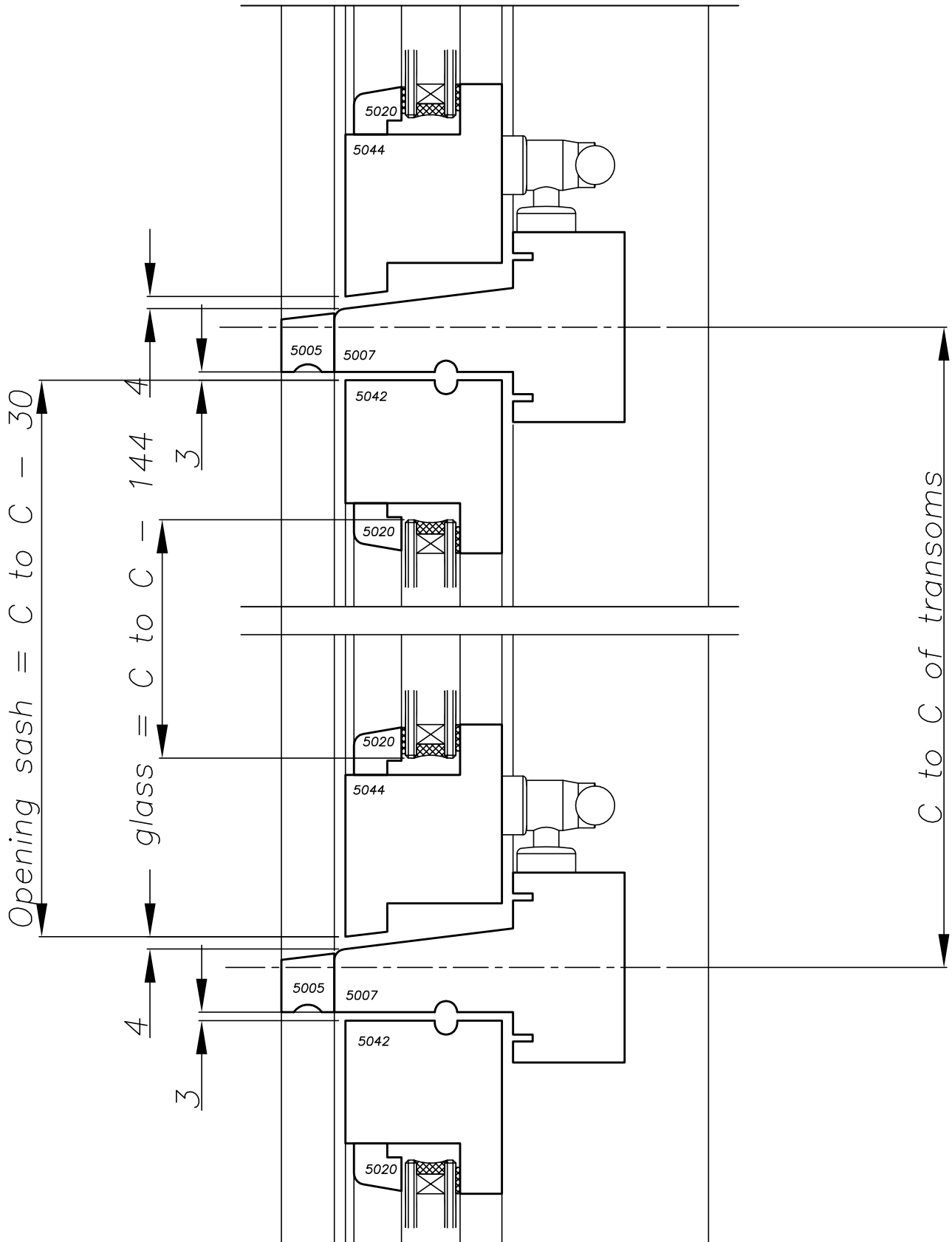
No	Revision	Date	Detail No:
			Scale: 1:2
			Date: 1/6/2012
			Drawing No: S5-04-07

Deductions & Clearances



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-08

Deductions & Clearances

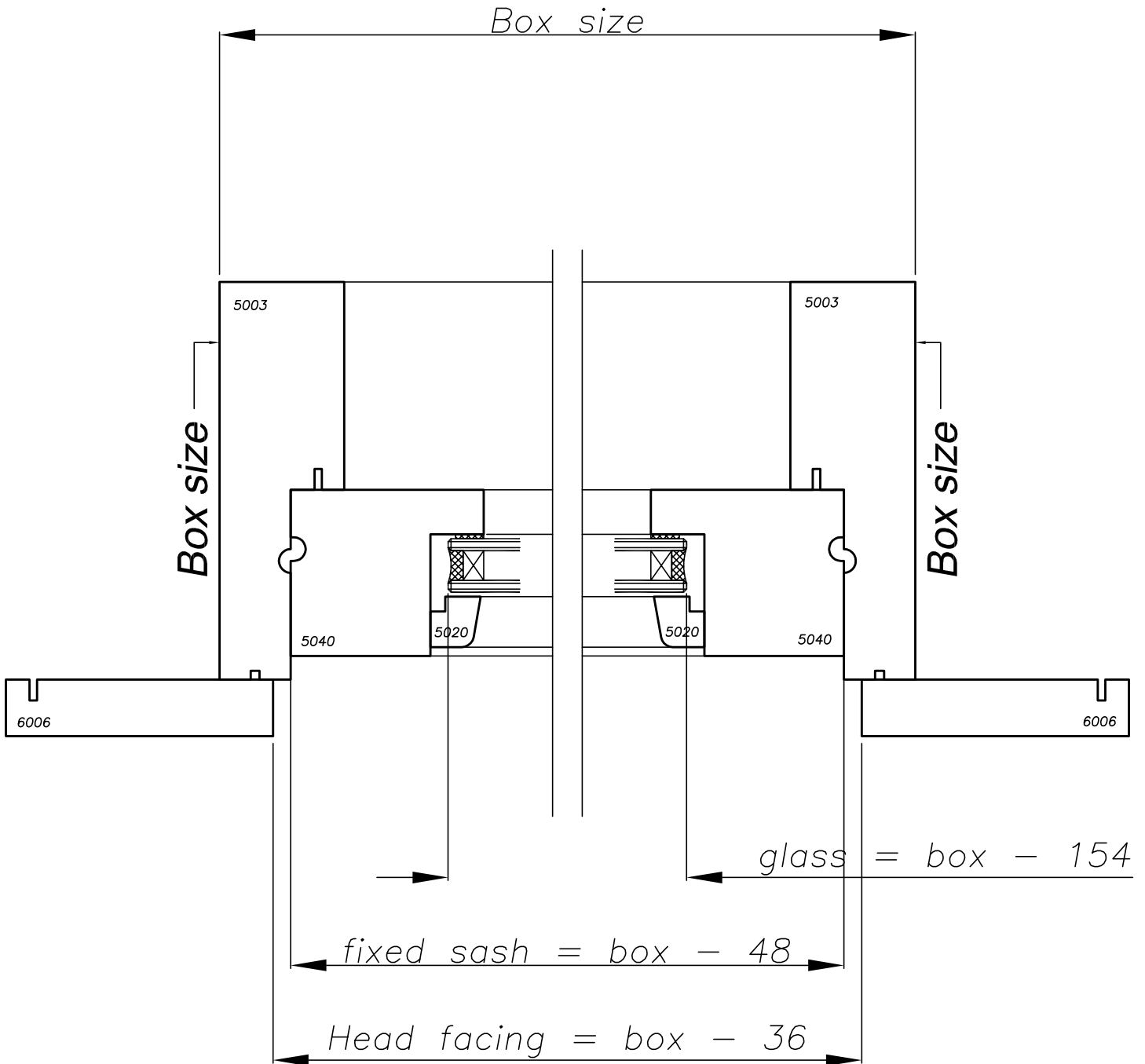


Opening sash between transoms, vertical - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2
			Date: 1/6/2012
			Drawing No: S5-04-09

Deductions & Clearances

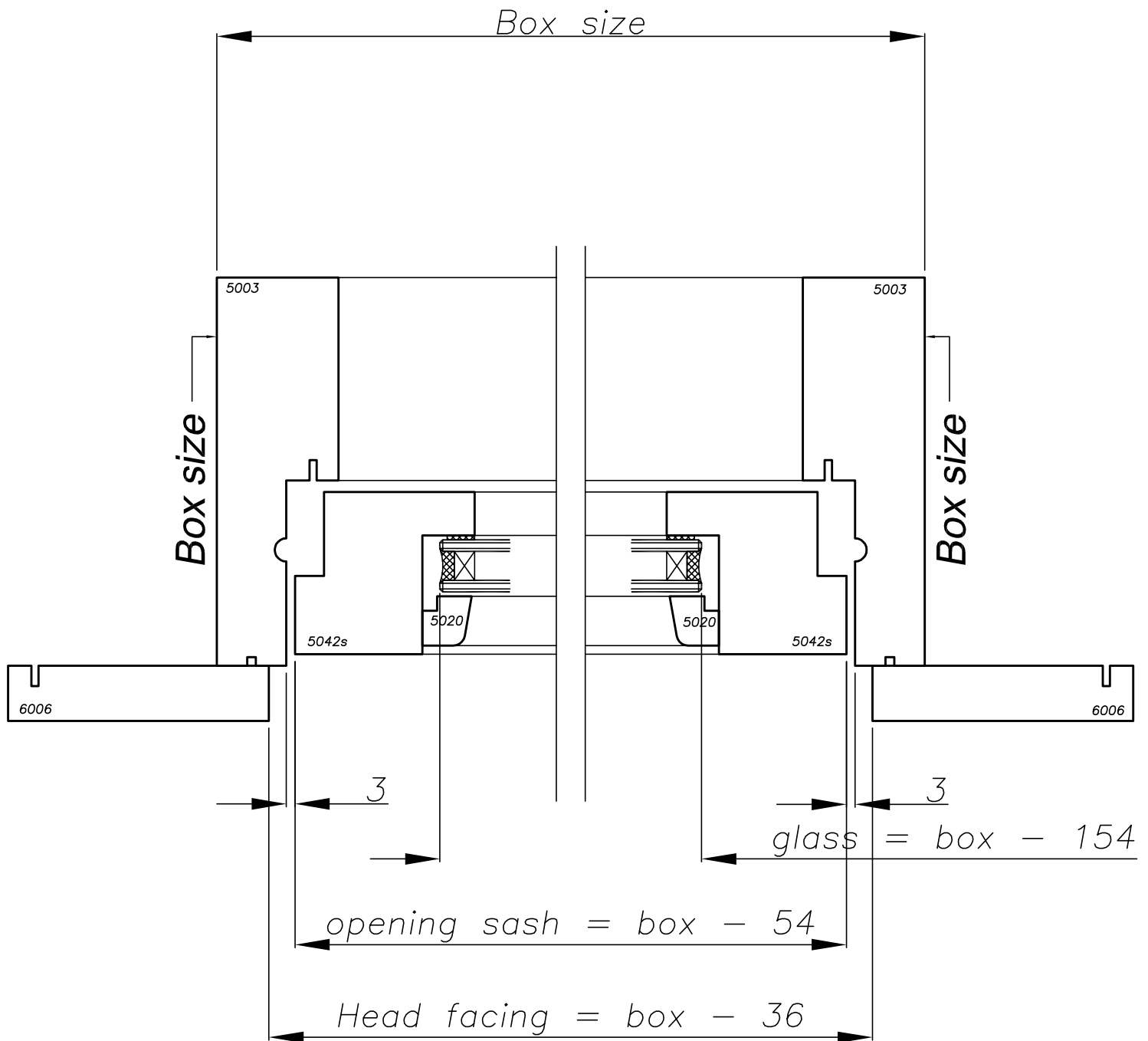


Fixed between Jambs, sashed Horizontal - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-10

Deductions & Clearances

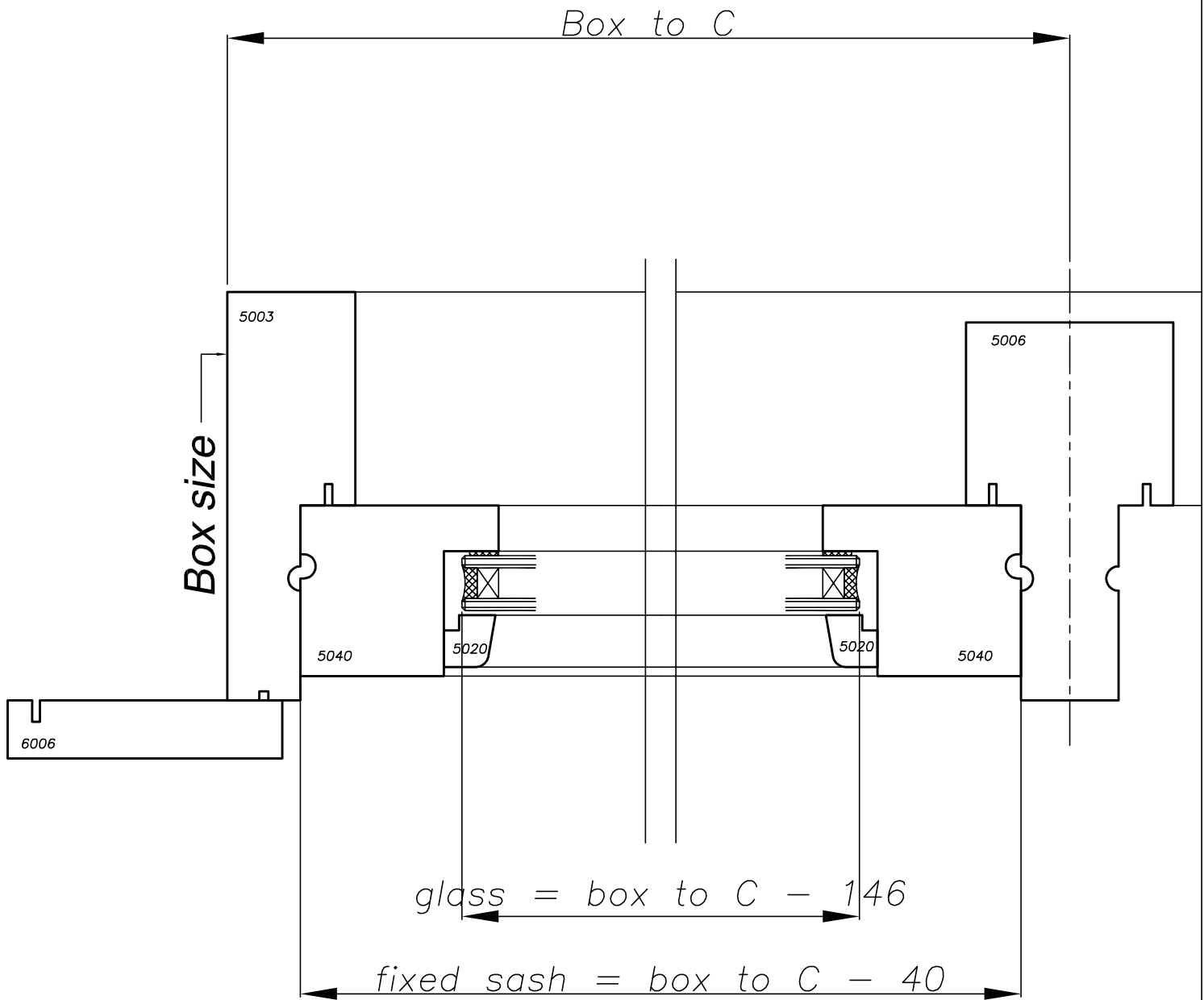


Sash between Jambs, Horizontal - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-11

Deductions & Clearances

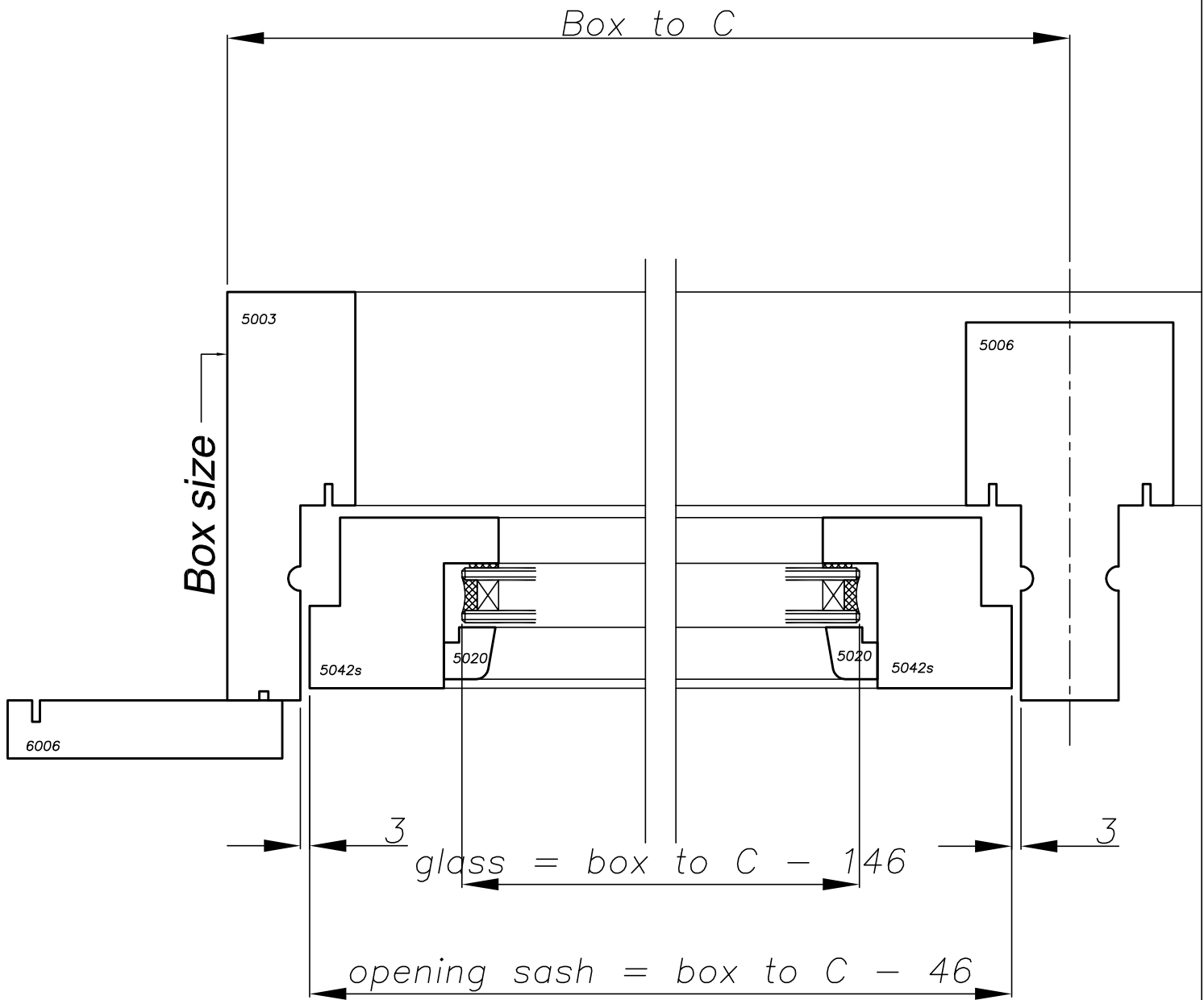


Fixed between Jamb and Mullion, sashed Horizontal - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-12

Deductions & Clearances

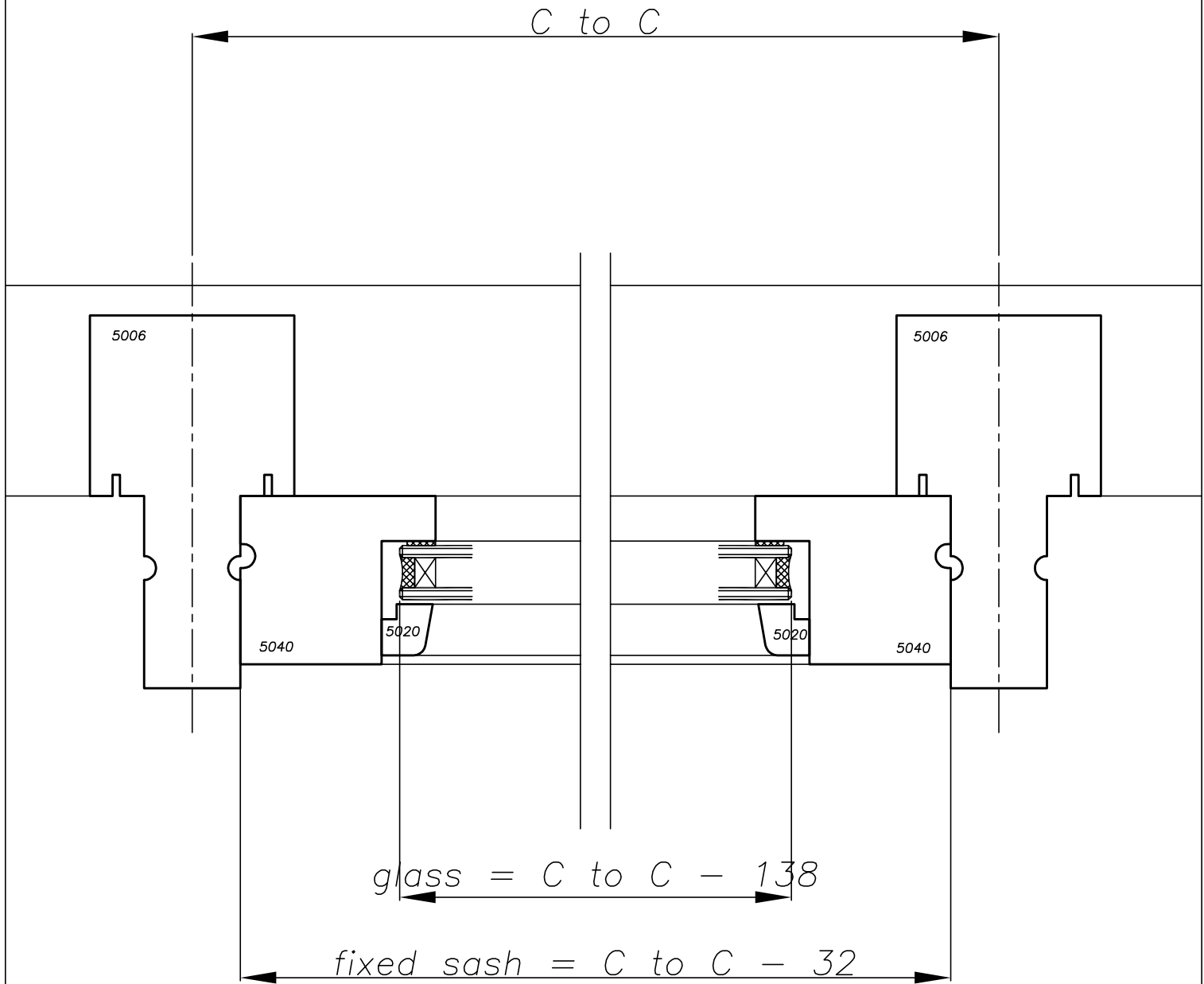


Sash between Jamb and Mullion, Horizontal - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-13

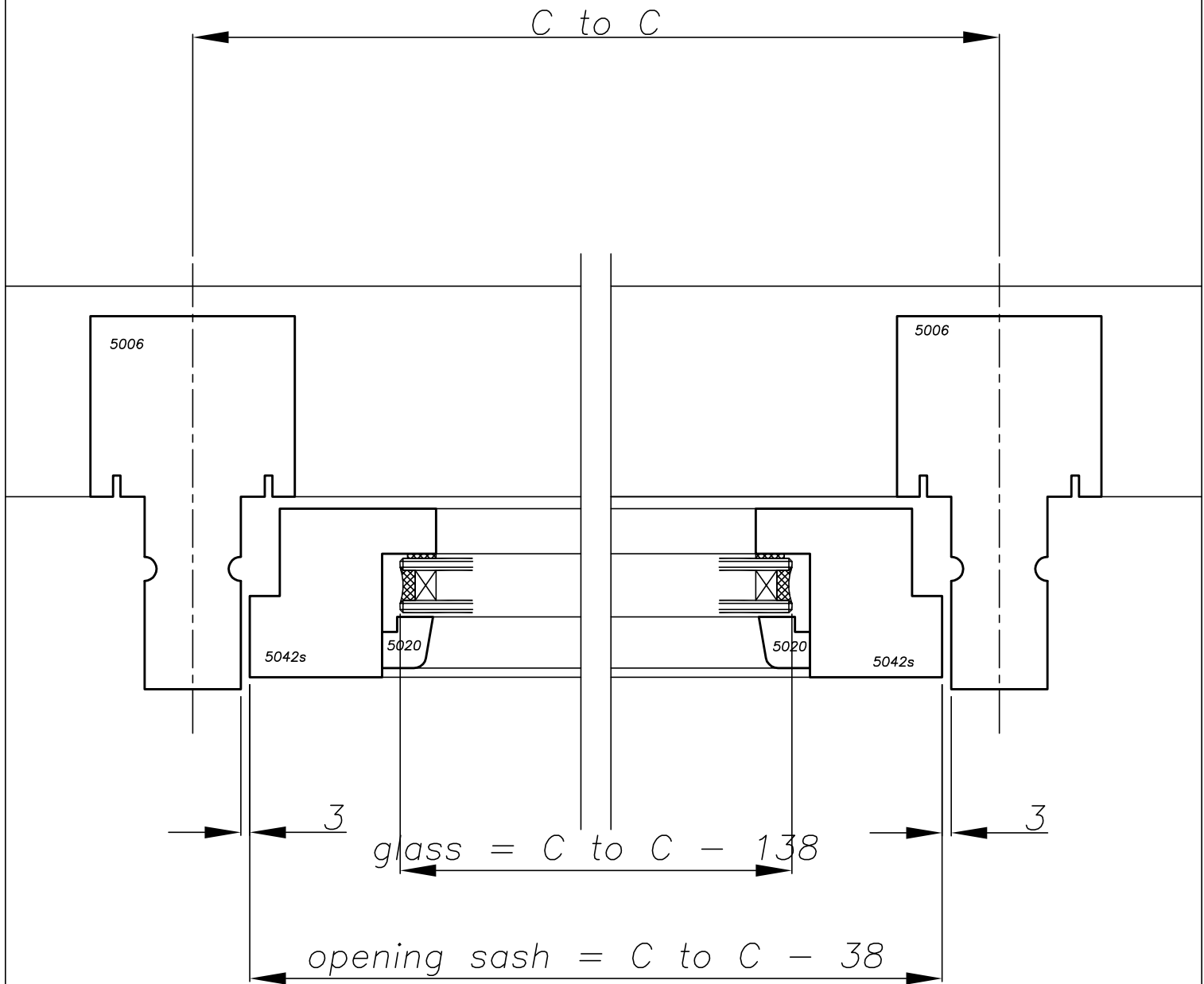
Deductions & Clearances



Fixed between Mullion and Mullion, sashed Horizontal - DG, (SG similar)

	No	Revision	Date	Detail No:
				Scale: 1:2 Date: 1/6/2012
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Deductions & Clearances

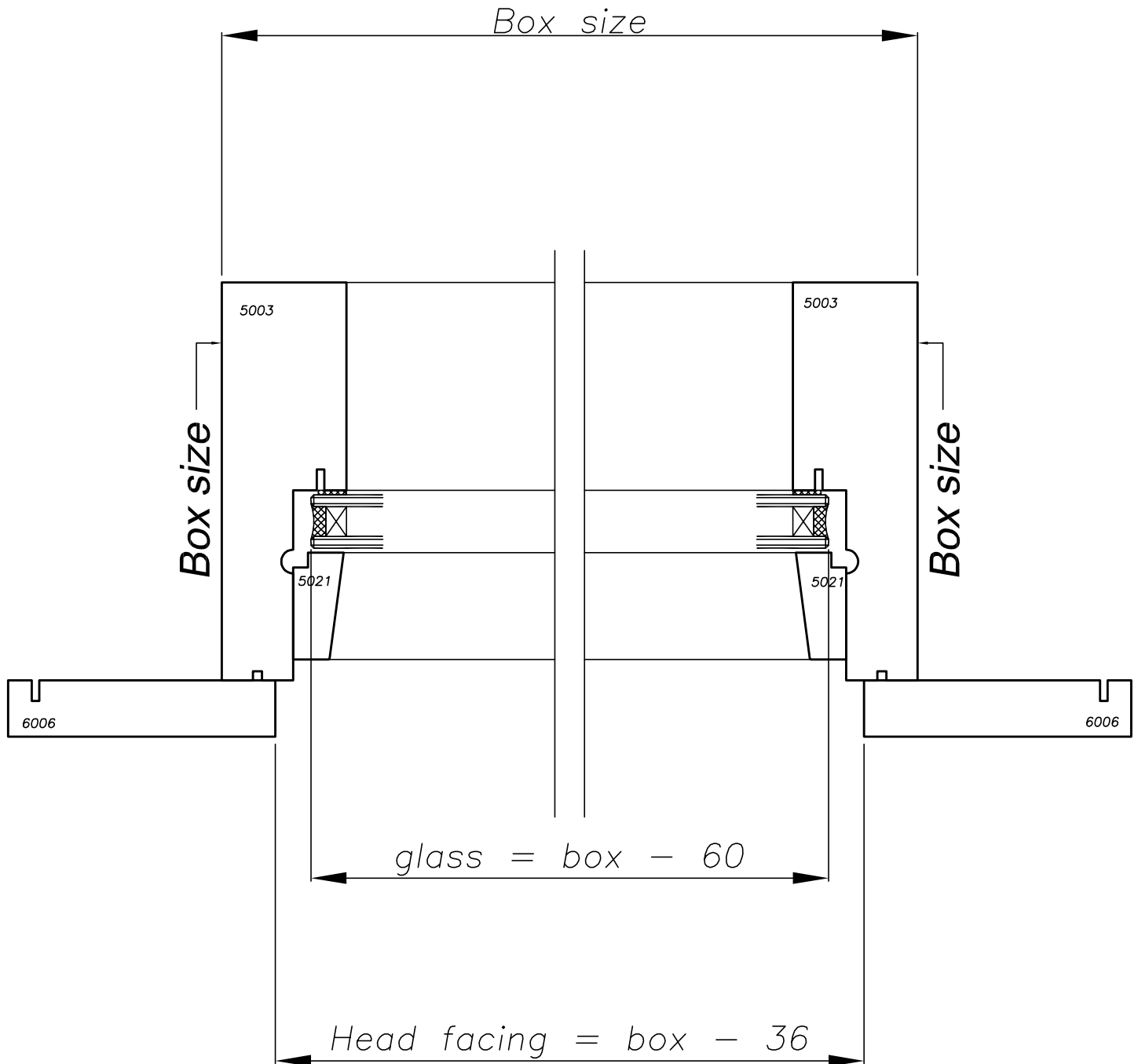


Sash between Mullion and Mullion, Horizontal - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-15

Deductions & Clearances

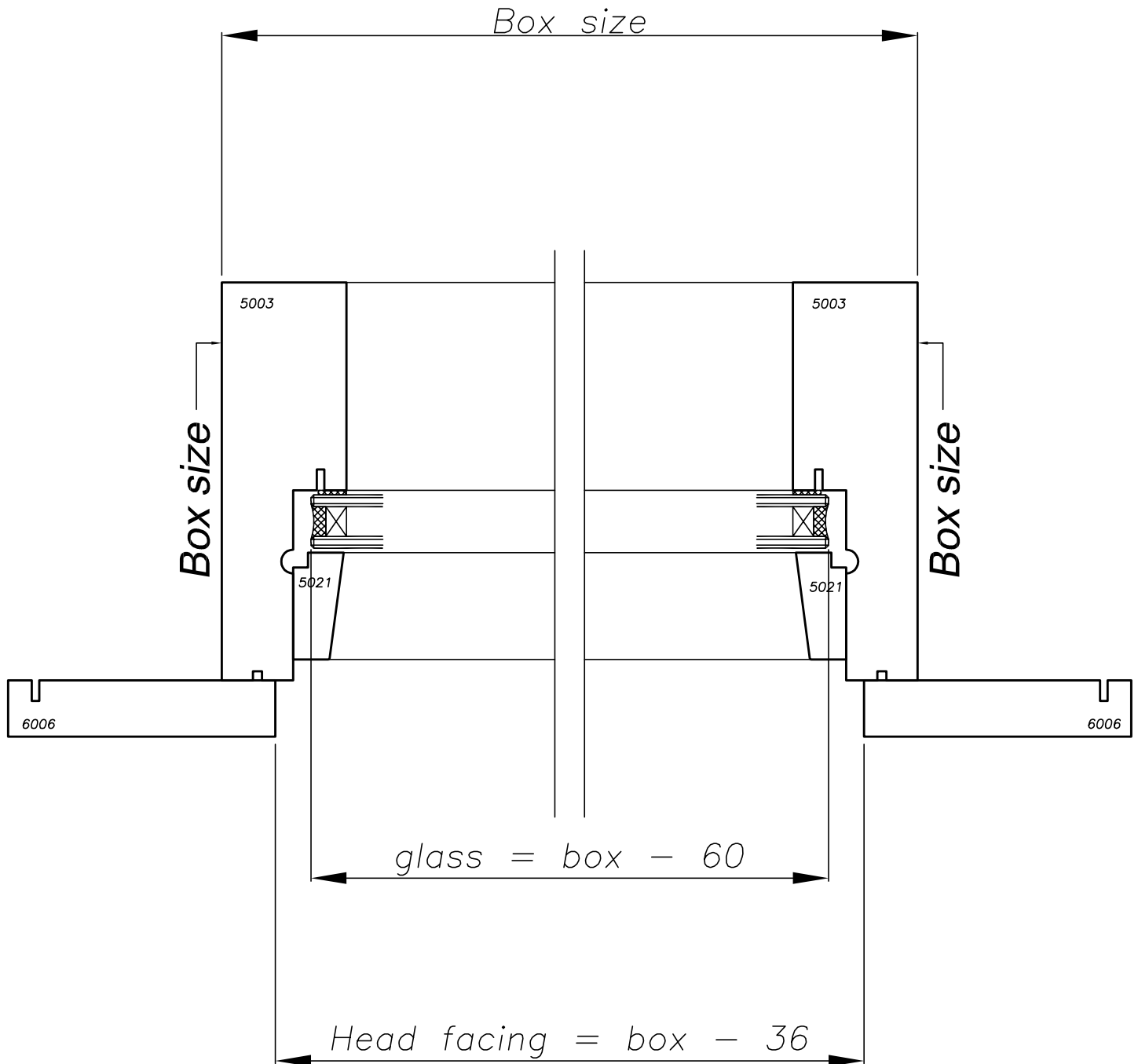


Fixed between Jambs, Direct glazed Horizontal - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-16

Deductions & Clearances

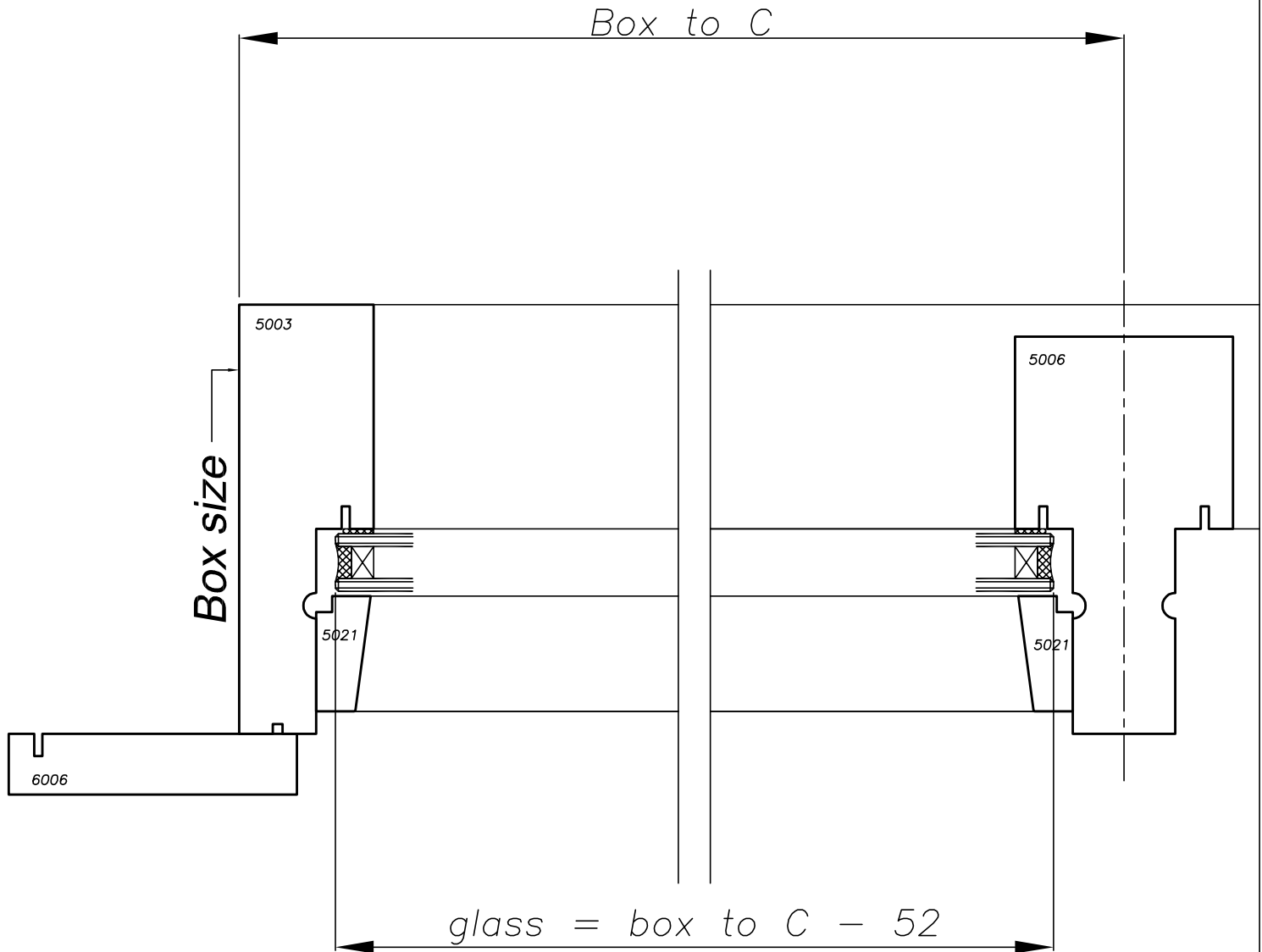


Fixed between Jambs, Direct glazed Horizontal - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-17

Deductions & Clearances

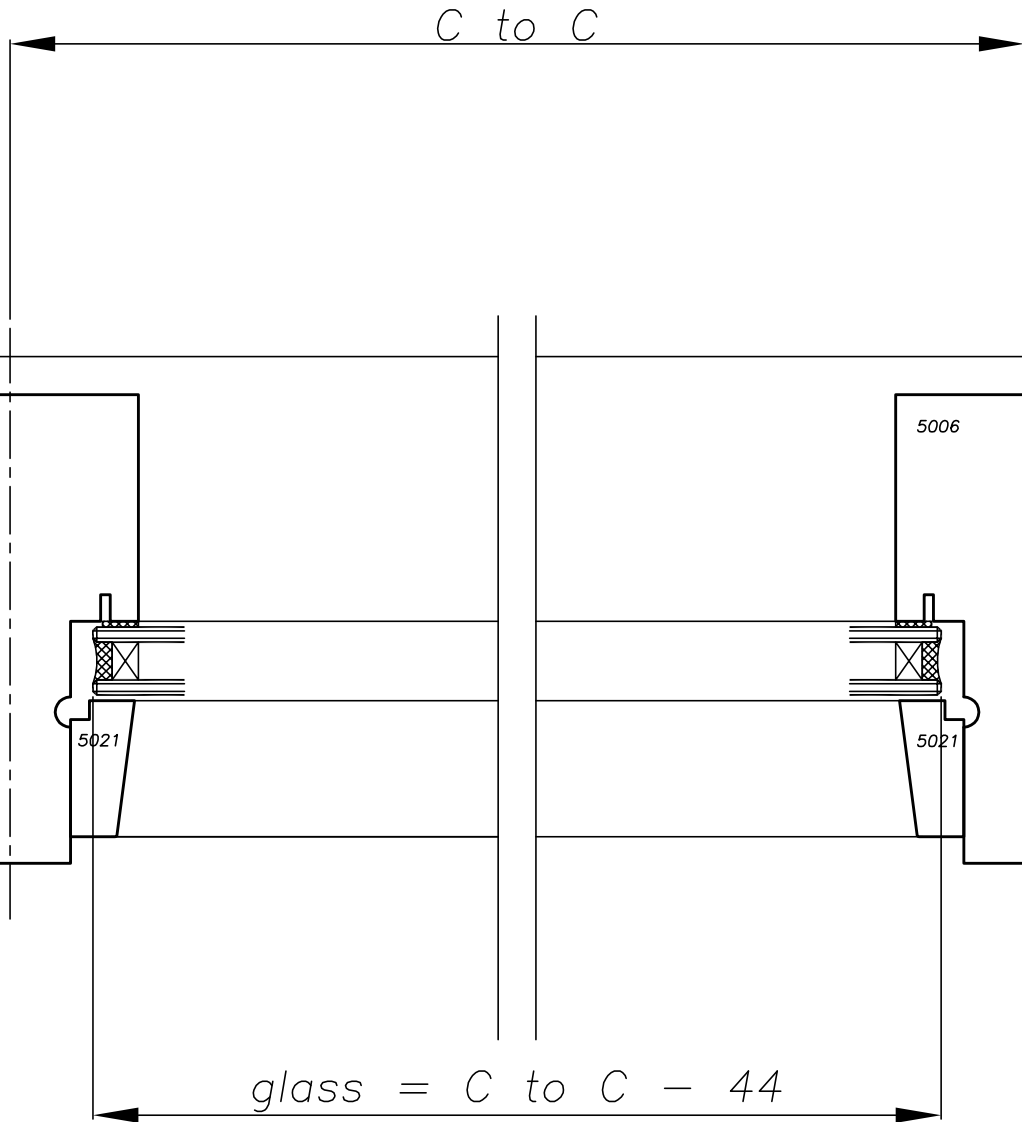


Fixed between Jamb and Mullion, Direct glazed Horizontal - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-18

Deductions & Clearances



Fixed between Mullion and Mullion, Direct glazed Horizontal - DG, (SG similar)



No	Revision	Date	Detail No:
			Scale: 1:2 Date: 1/6/2012
			Drawing No: S5-04-19