

IMPORTANT NOTE: When installing DOVISTA products, please ensure compliance with national building regulations and British/European standards where necessary. This drawing is for guidance only and the customer must be satisfied that the principles outlined in this drawing are effectively transposed to suit specific project requirements and site conditions.


All dimensions are in millimetres where shown. DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethylene backing rod.

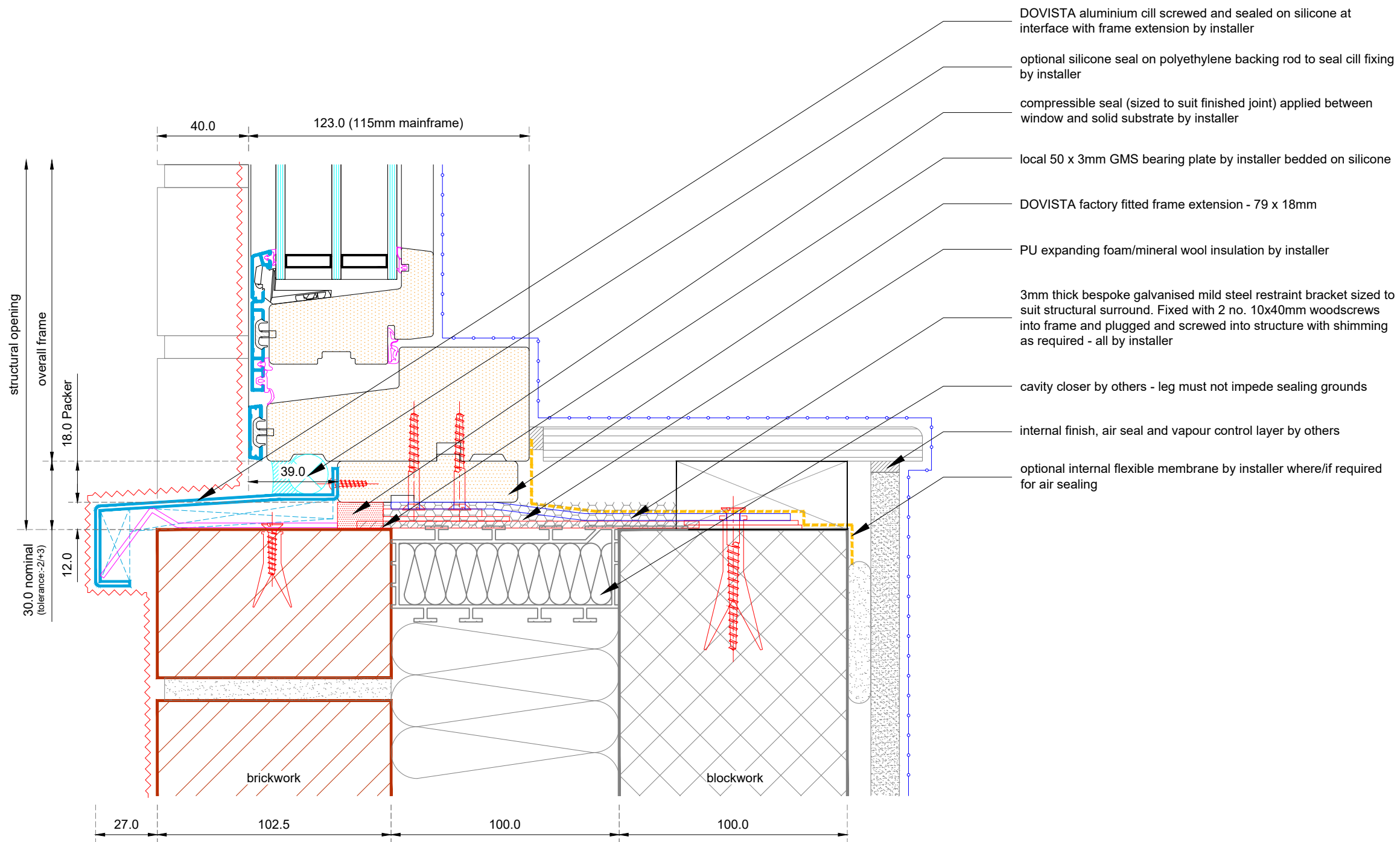
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated and new packer added.	S62
A	05.12.18	Expanding foam reference changed.	S62



Title:
 Rationel
 AURAPLUS
TYPICAL SCREWED CILL DETAIL
 BRICKWORK/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.01.A.C.001		Revision:
			B

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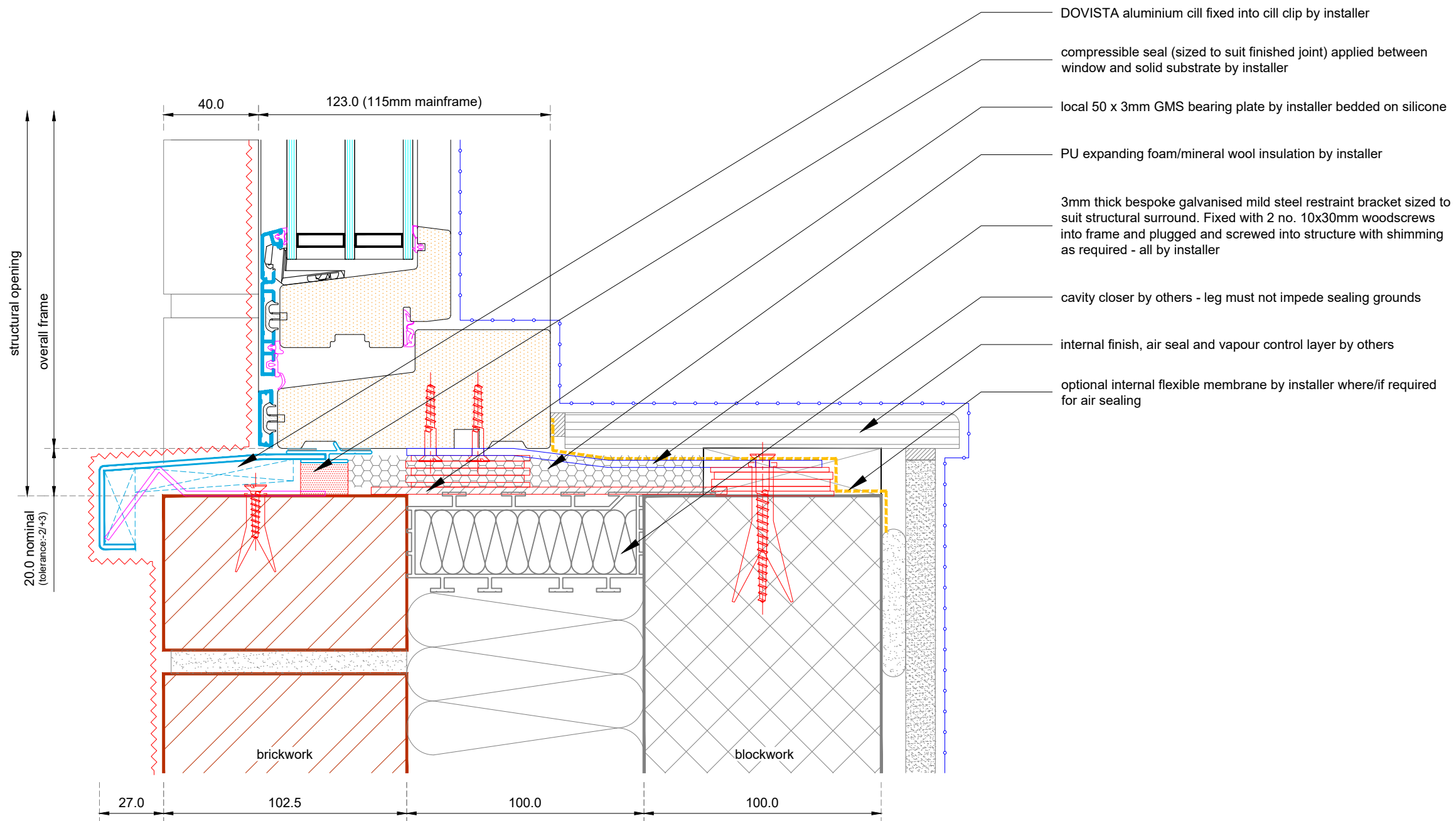
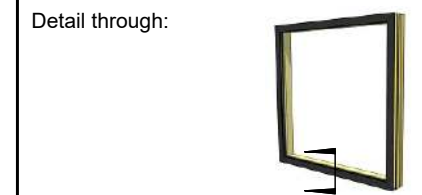
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 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 



Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated & clipped cill detail redrawn.	S62
A	05.02.18	Expanding foam reference changed.	S62

VELFAC **rational**
STANDARD INTERFACE DRAWING

Title:
Rational
AURAPLUS
TYPICAL CLIPPED CILL DETAIL
BRICKWORK/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.01.A.C.002		Revision:
			B

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Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 



Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated	S62
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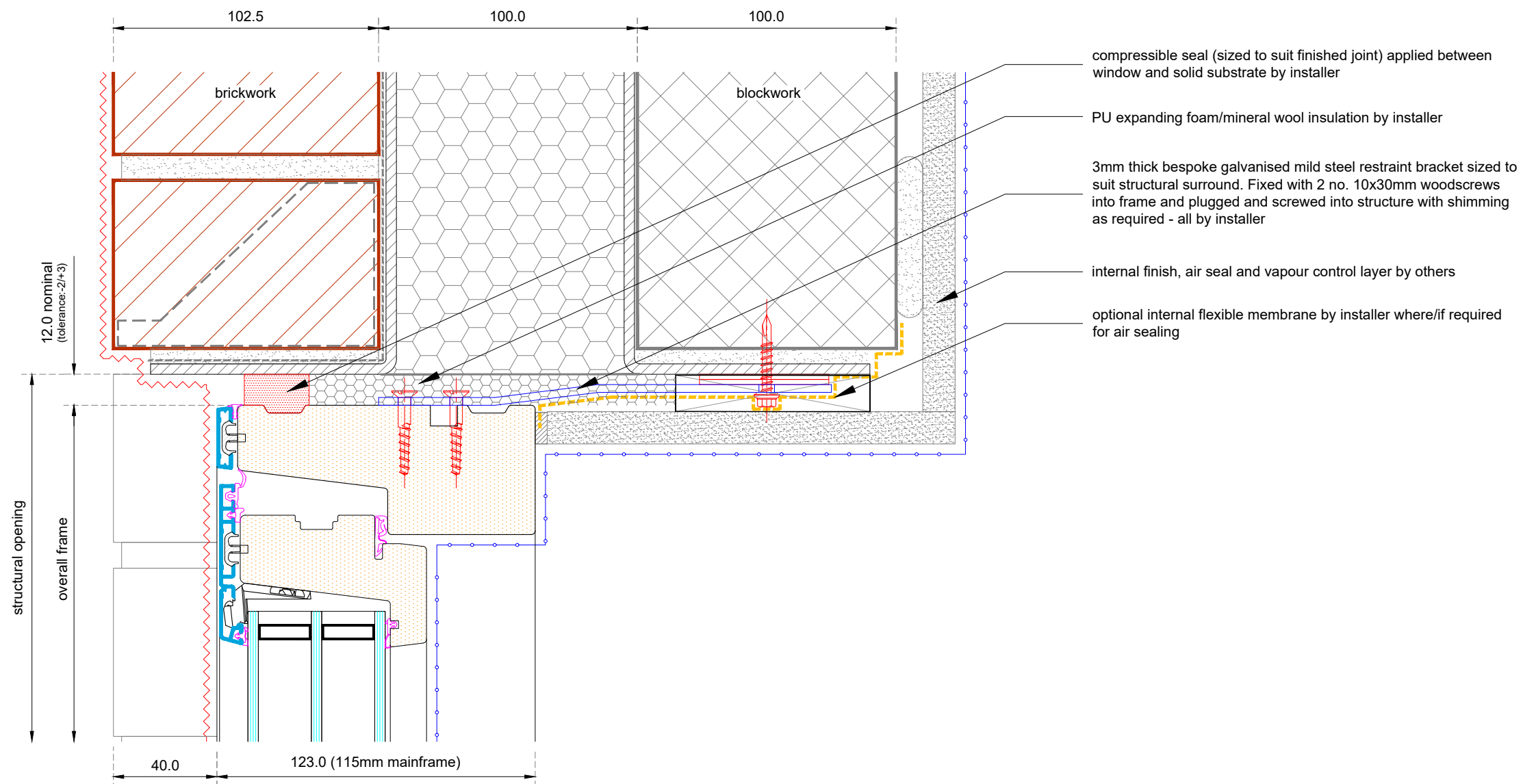


Title:
Rationel
AURAPLUS
TYPICAL HEAD DETAIL
BRICKWORK/ BLOCK MASONRY

Scale: 1:2 approx. @ A3 Drawn: Studio62 Design Ltd.
Date: January 2017 Status: approved

Drawing No: **AURA+.W1.01.A.H.001** Revision: **B**

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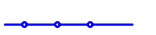
NOTES:

- External weather seal to be either:
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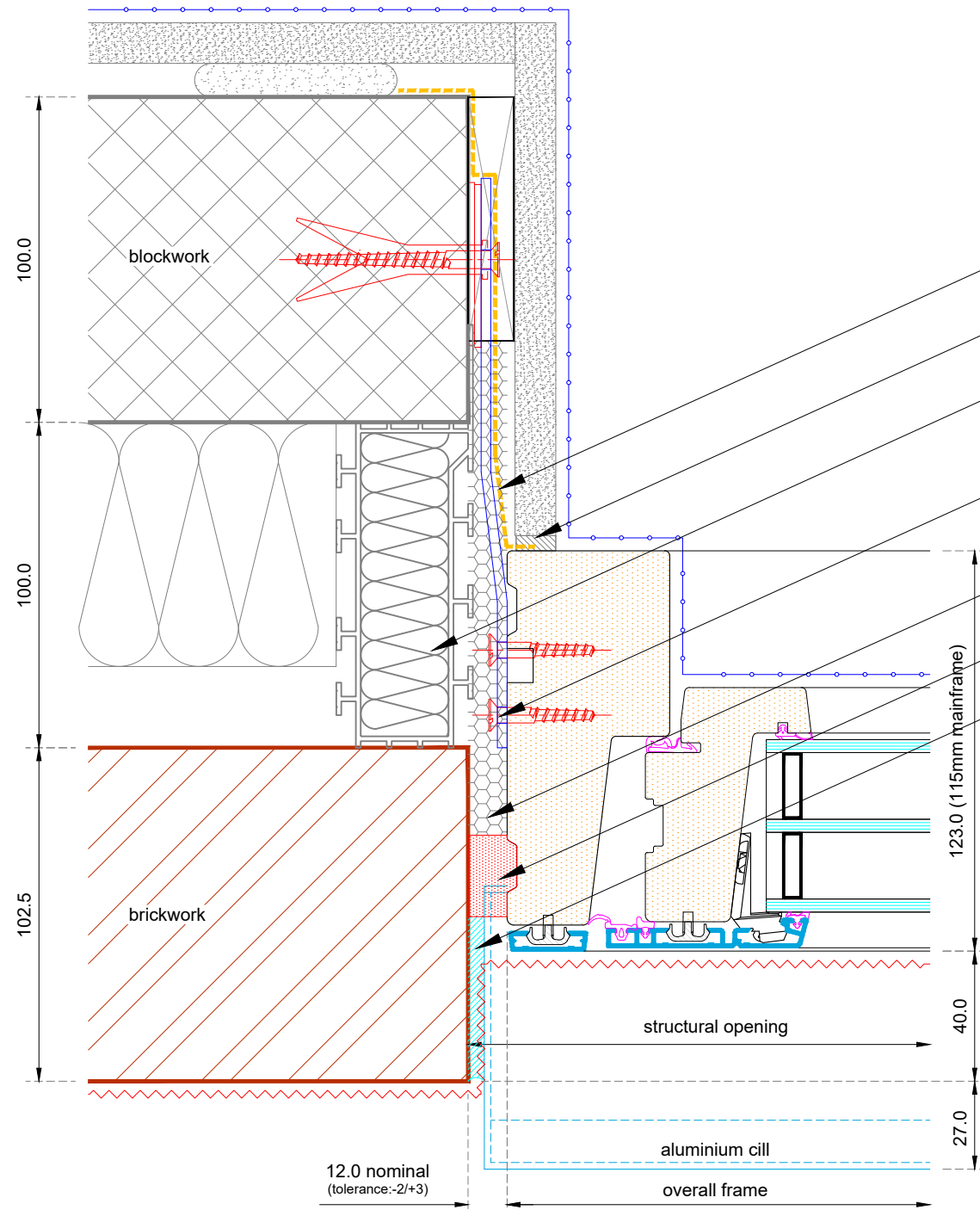
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



- optional internal flexible membrane by installer where/if required for air sealing
- internal finish, air seal and vapour control layer by others
- cavity closer by others - leg must not impede sealing grounds
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- PU expanding foam/mineral wool insulation by installer
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- silicone to seal between each end of cill and structure by installer

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62



STANDARD INTERFACE DRAWING

Title:

Rationel
AURAPLUS

TYPICAL JAMB DETAIL
BRICKWORK/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	Revision:		

AURA+.W1.01.A.J.001 **B**

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NOTES:

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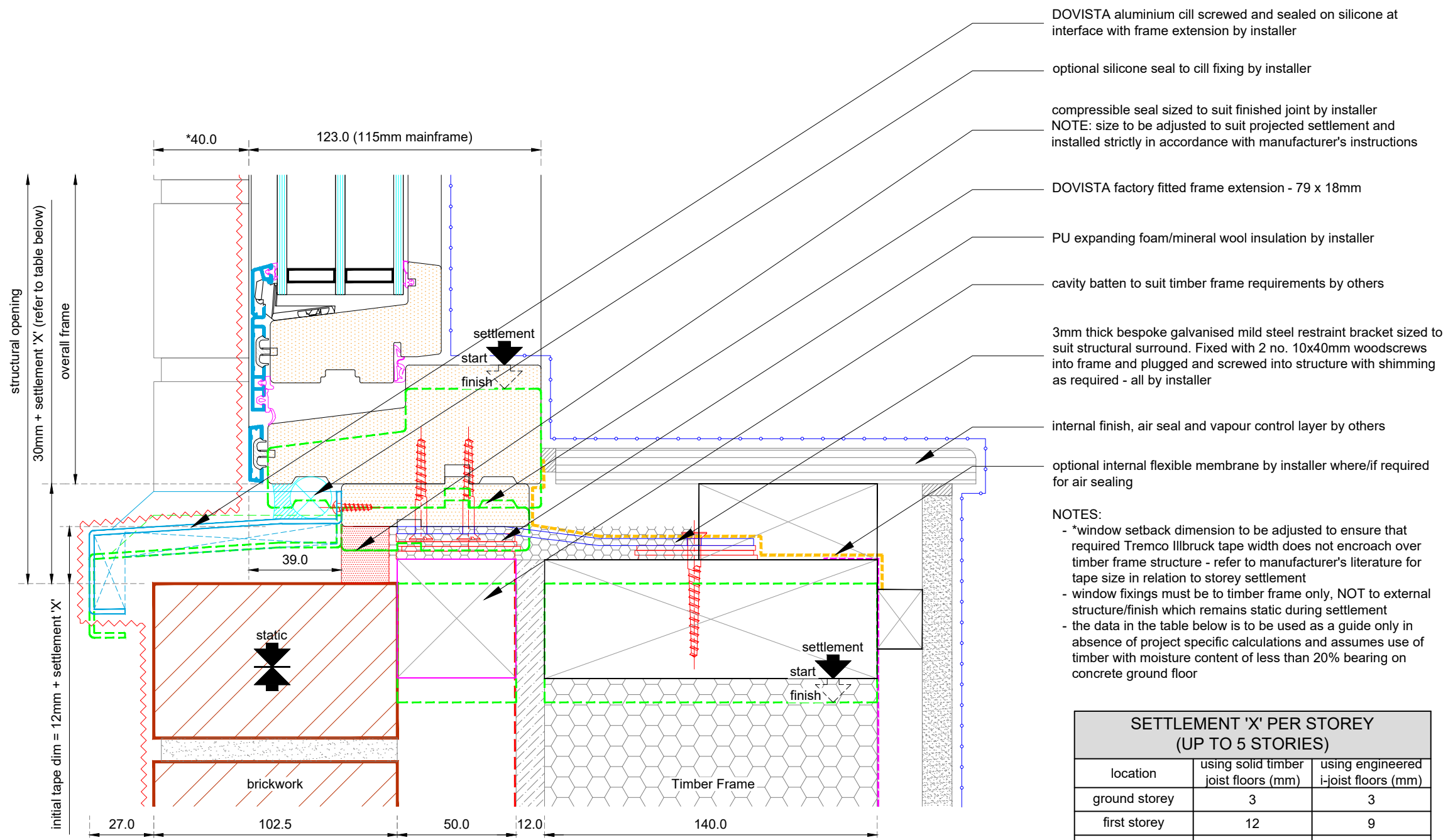
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



- DOVISTA aluminium cill screwed and sealed on silicone at interface with frame extension by installer
- optional silicone seal to cill fixing by installer
- compressible seal sized to suit finished joint by installer
NOTE: size to be adjusted to suit projected settlement and installed strictly in accordance with manufacturer's instructions
- DOVISTA factory fitted frame extension - 79 x 18mm
- PU expanding foam/mineral wool insulation by installer
- cavity batten to suit timber frame requirements by others
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x40mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- internal finish, air seal and vapour control layer by others
- optional internal flexible membrane by installer where/if required for air sealing

- NOTES:**
- *window setback dimension to be adjusted to ensure that required Tremco Illbruck tape width does not encroach over timber frame structure - refer to manufacturer's literature for tape size in relation to storey settlement
 - window fixings must be to timber frame only, NOT to external structure/finish which remains static during settlement
 - the data in the table below is to be used as a guide only in absence of project specific calculations and assumes use of timber with moisture content of less than 20% bearing on concrete ground floor

SETTLEMENT 'X' PER STOREY (UP TO 5 STOREYS)		
location	using solid timber joist floors (mm)	using engineered i-joist floors (mm)
ground storey	3	3
first storey	12	9
second storey	21	15
third storey	30	21
fourth storey	39	27
fifth storey	48	33

Source: LABC warranty technical manual v.7

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated & new packer added.	S62
A	05.02.18	Expanding foam reference changed.	S62

VELFAC **rational**
STANDARD INTERFACE DRAWING

Title:
Rational
AURAPLUS
TYPICAL SCREWED CILL DETAIL
BRICKWORK/ TIMBER FRAME

Scale: 1:2 approx. @ A3 Drawn: Studio62 Design Ltd.
Date: January 2017 Status: approved

Drawing No: AURA+.W1.01.B.C.001 Revision: B

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NOTES:

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Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 



B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62
Rev	Date	Revision Note	Drawn



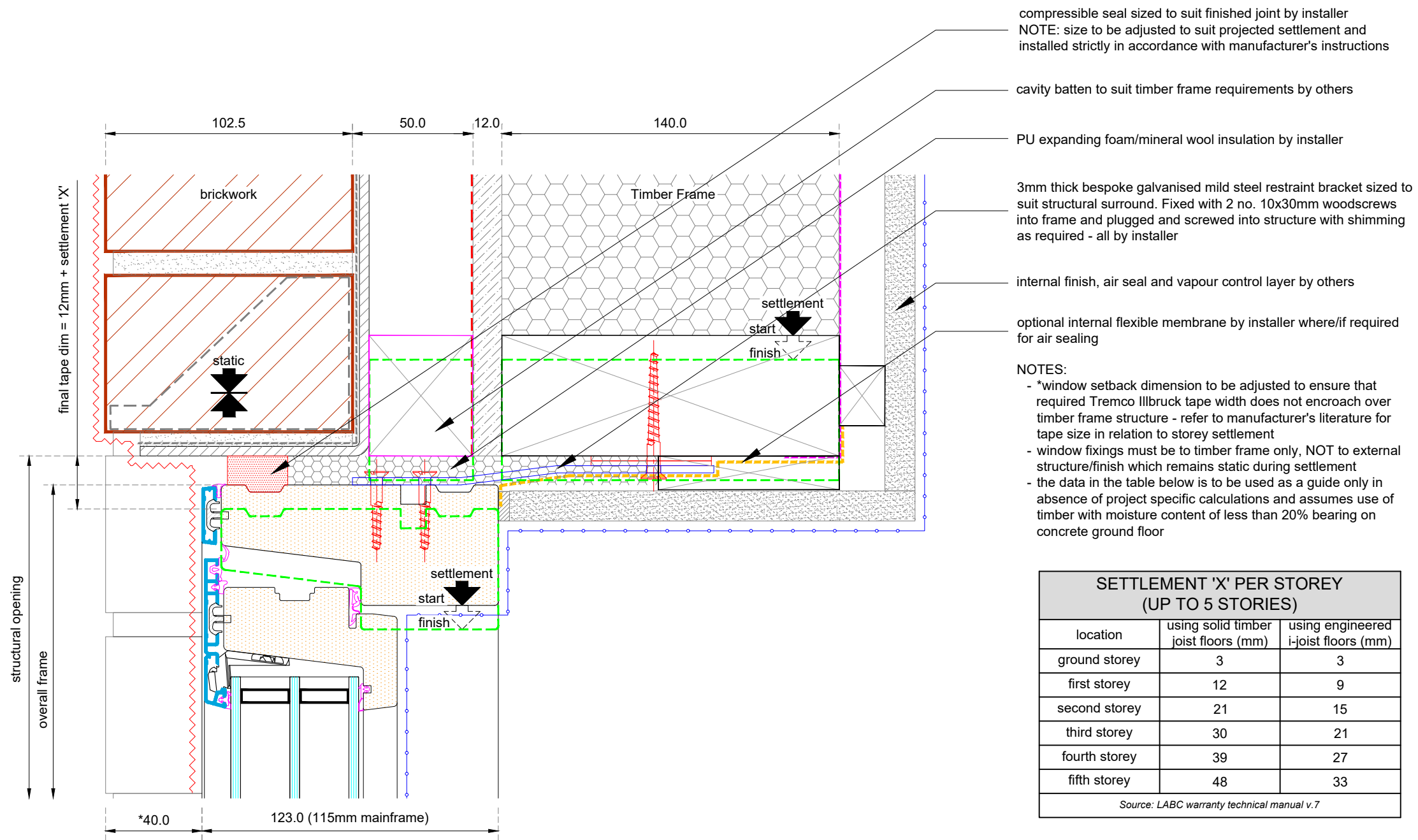
Title:
Rationel
AURAPLUS
TYPICAL HEAD DETAIL
BRICKWORK/ TIMBER FRAME

Scale: 1:2 approx. @ A3 Drawn: Studio62 Design Ltd.

Date: January 2017 Status: approved

Drawing No: AURA+.W1.01.B.H.001 Revision: B

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SETTLEMENT 'X' PER STOREY (UP TO 5 STOREYS)		
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Source: LABC warranty technical manual v.7

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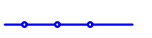
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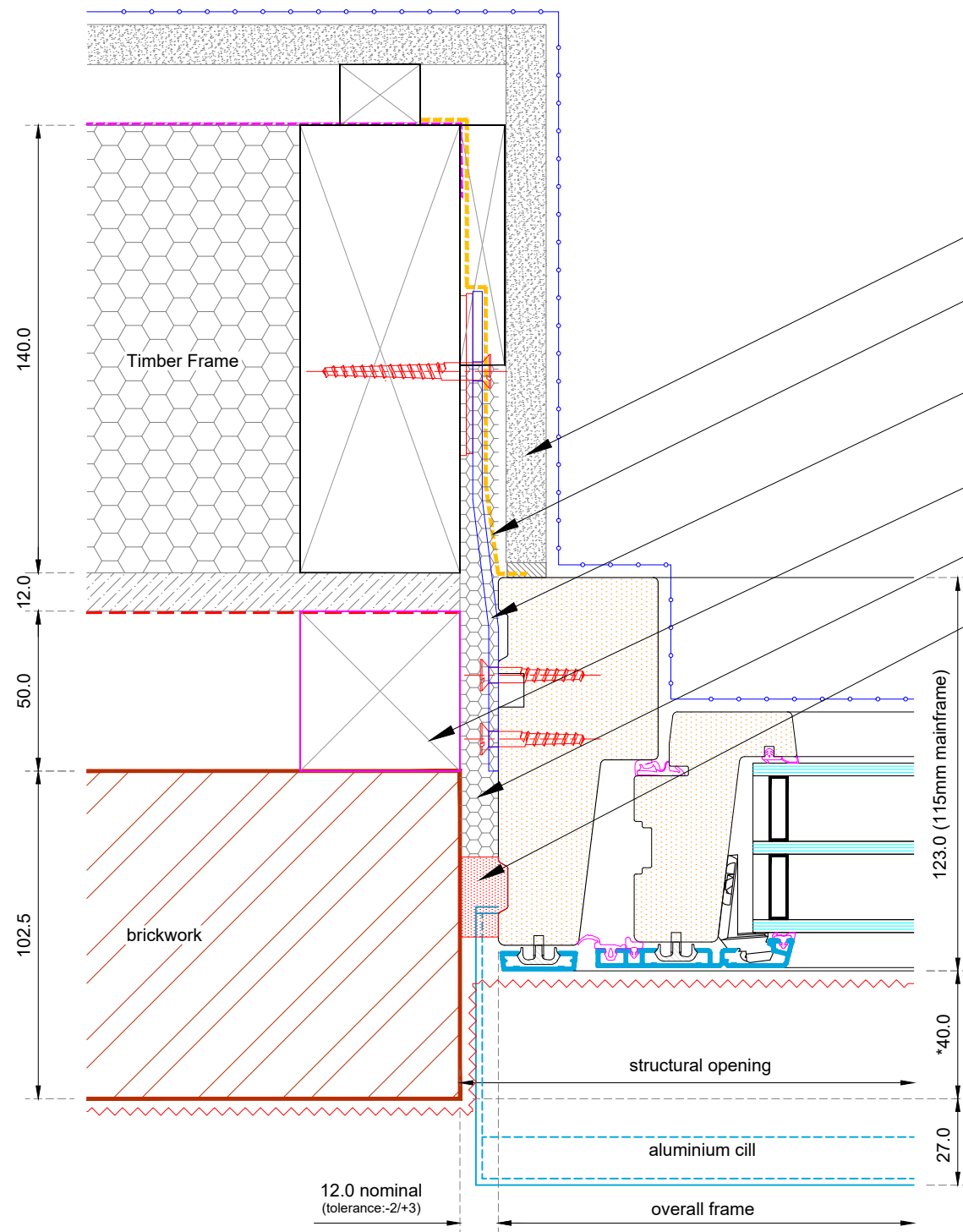
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



internal finish, air seal and vapour control layer by others

optional internal flexible membrane by installer where/if required for air sealing

3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer

cavity batten to suit timber frame requirements by others

PU expanding foam/mineral wool insulation by installer

compressible seal (sized to suit finished joint) applied between window and solid substrate by installer

NOTES:

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A	05.02.18	Expanding foam reference changed.	S62



Title:

Rationel
AURAPLUS

TYPICAL JAMB DETAIL
BRICKWORK/ TIMBER FRAME

Scale: 1:2 approx. @ A3 Drawn: Studio62 Design Ltd.

Date: January 2017 Status: approved

Drawing No: Revision:

AURA+.W1.01.B.J.001 **B**

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Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



*where smaller setback is required, please reconsider structural support for the window load

DOVISTA aluminium cill screwed and sealed on silicone at interface with frame extension by installer

optional silicone seal to cill fixing by installer

insulation fixings installed to manufacturer's recommendations by others

compressible seal (sized to suit finished joint) applied between window and solid substrate by installer

DOVISTA factory fitted frame extension - 79 x 18mm

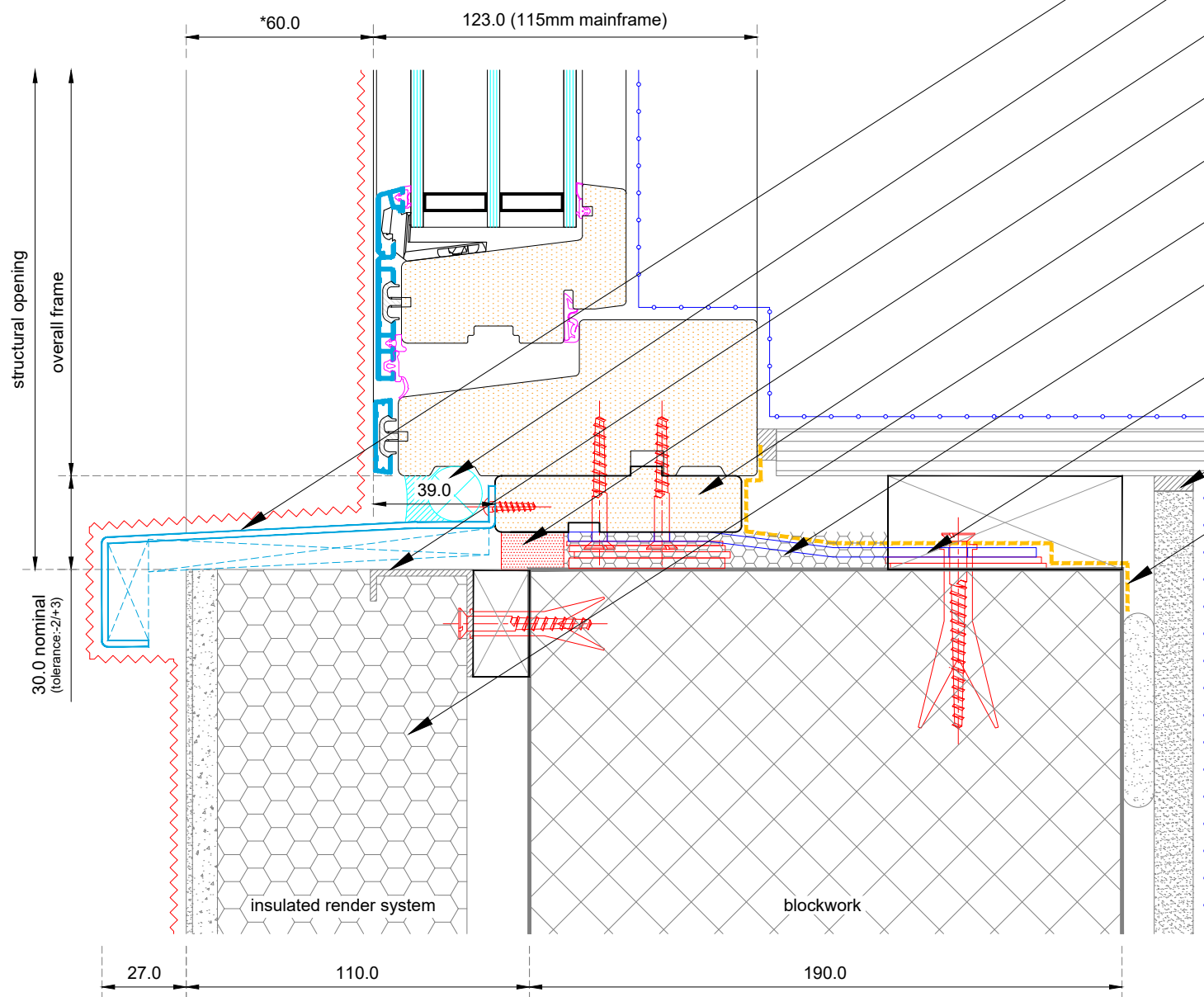
insulated render system - constructed by others to manufacturer's recommendations PRIOR TO INSTALLATION OF WINDOW

PU expanding foam/mineral wool insulation by installer

3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x40mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer

internal finish, air seal and vapour control layer by others

optional internal flexible membrane by installer where/if required for air sealing



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Title:
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AURAPLUS
TYPICAL SCREWED CILL DETAIL
INSULATED RENDER/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
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Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



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DOVISTA aluminium cill screwed and sealed on silicone at interface with frame extension by installer

compressible seal (sized to suit finished joint) applied between window and solid substrate by installer

insulation fixings installed to manufacturer's recommendations by others

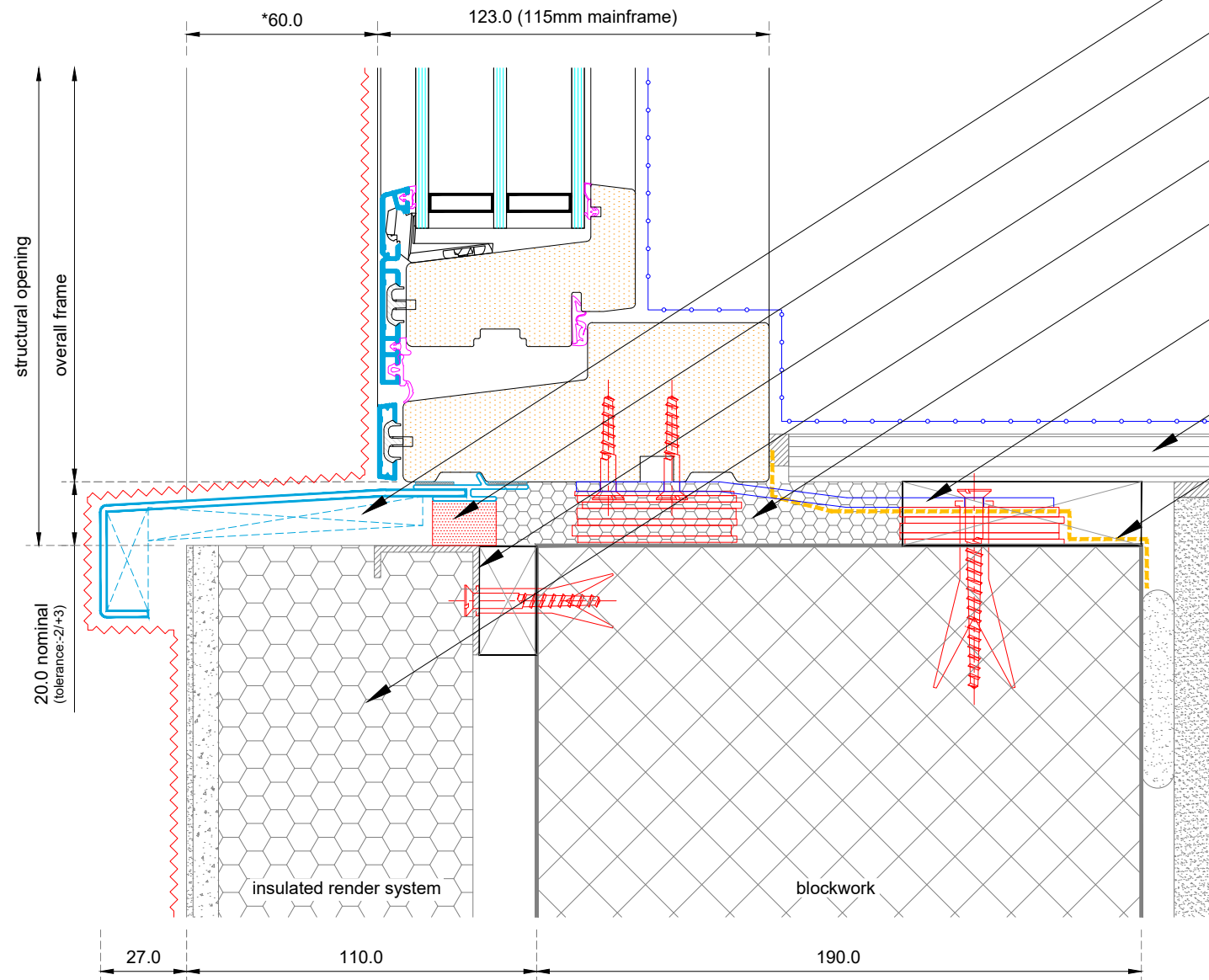
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VELFAC **rational**
STANDARD INTERFACE DRAWING

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INSULATED RENDER/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
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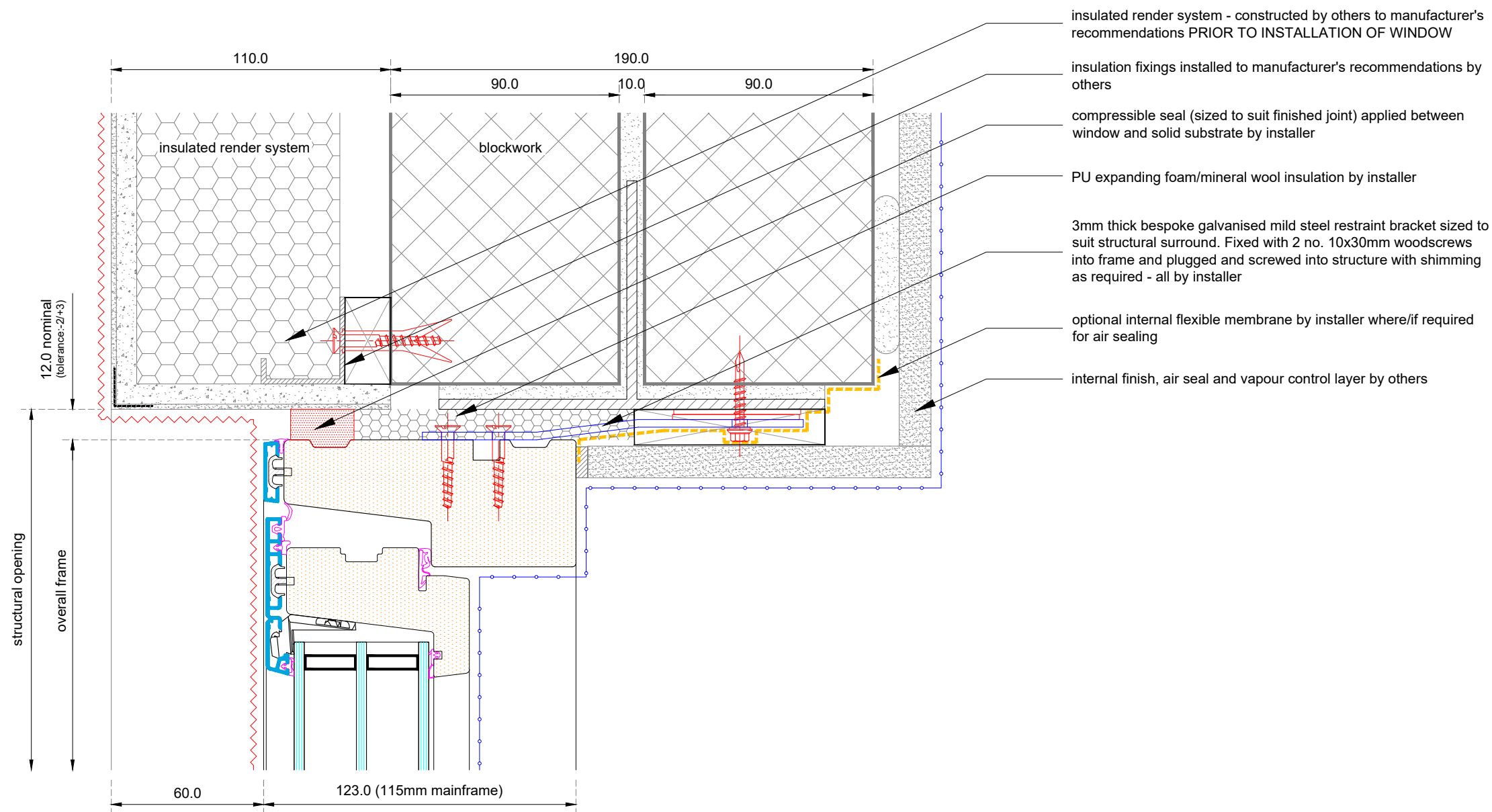
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



- insulated render system - constructed by others to manufacturer's recommendations PRIOR TO INSTALLATION OF WINDOW
- insulation fixings installed to manufacturer's recommendations by others
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- PU expanding foam/mineral wool insulation by installer
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- optional internal flexible membrane by installer where/if required for air sealing
- internal finish, air seal and vapour control layer by others

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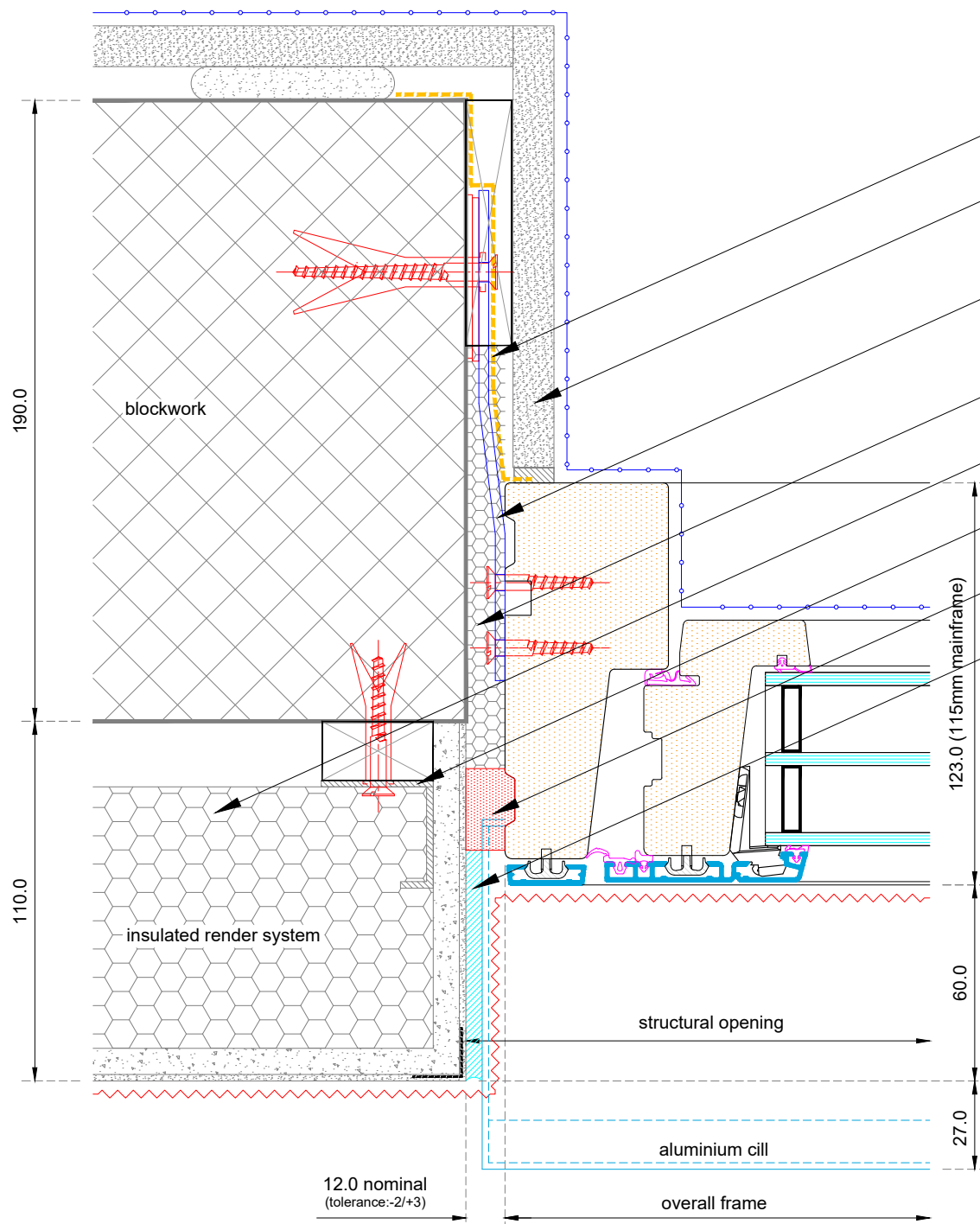


Title:
Rationel
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TYPICAL HEAD DETAIL
INSULATED RENDER/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
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- optional internal flexible membrane by installer where/if required for air sealing
- internal finish, air seal and vapour control layer by others
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- PU expanding foam/mineral wool insulation by installer
- insulated render system - constructed by others to manufacturer's recommendations PRIOR TO INSTALLATION OF WINDOW
- insulation fixings installed to manufacturer's recommendations by others
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- silicone to seal between each end of cill and structure by installer

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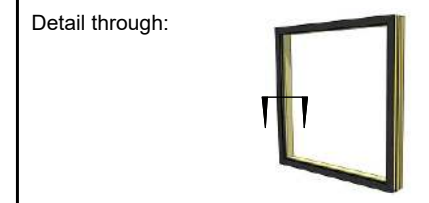
- NOTES:**
- External weather seal to be either:
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Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line:

Primary air barrier line:



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DOVISTA factory fitted frame extension - 79 x 18mm

PU expanding foam/mineral wool insulation by installer

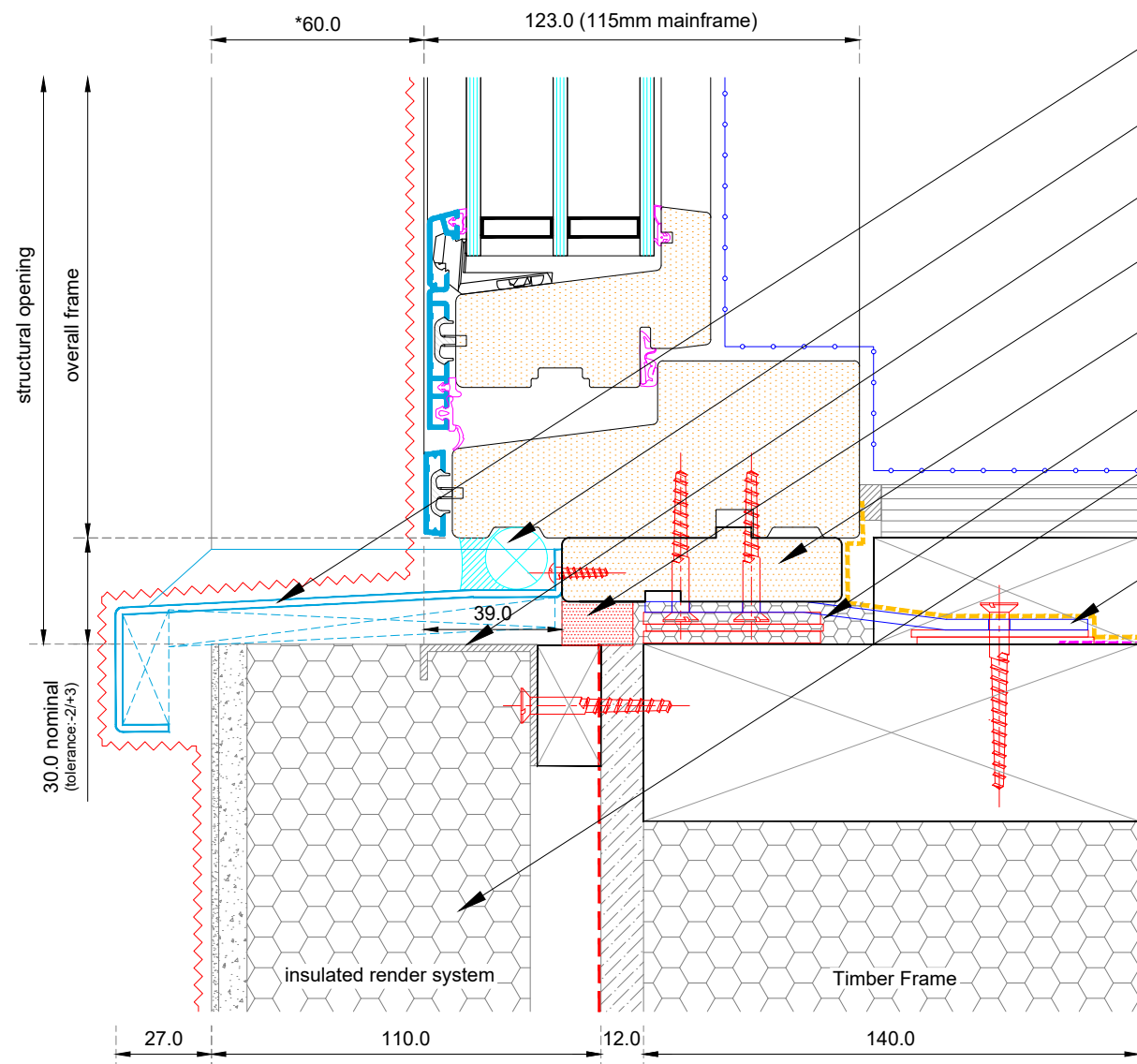
insulated render system - constructed by others to manufacturer's recommendations PRIOR TO INSTALLATION OF WINDOW

3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x40mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer

optional internal flexible membrane by installer where/if required for air sealing

internal finish, air seal and vapour control layer by others

PLEASE NOTE:
this detail assumes there is no differential movement between the external building finish and the structural timber frame
i.e. - external finish is fixed directly to timber frame and any required movement joints are outside of the window zone.



Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated & new packer added.	S62
A	05.02.18	Expanding foam reference changed.	S62



STANDARD INTERFACE DRAWING

Title:
Rationel
AURAPLUS
TYPICAL SCREWED CILL DETAIL
INSULATED RENDER/ TIMBER FRAME

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	Revision:		

AURA+.W1.02.B.C.001 **B**

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IMPORTANT NOTE: When installing DOVISTA products, please ensure compliance with national building regulations and British/European standards where necessary. This drawing is for guidance only and the customer must be satisfied that the principles outlined in this drawing are effectively transposed to suit specific project requirements and site conditions.


All dimensions are in millimetres where shown.
DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

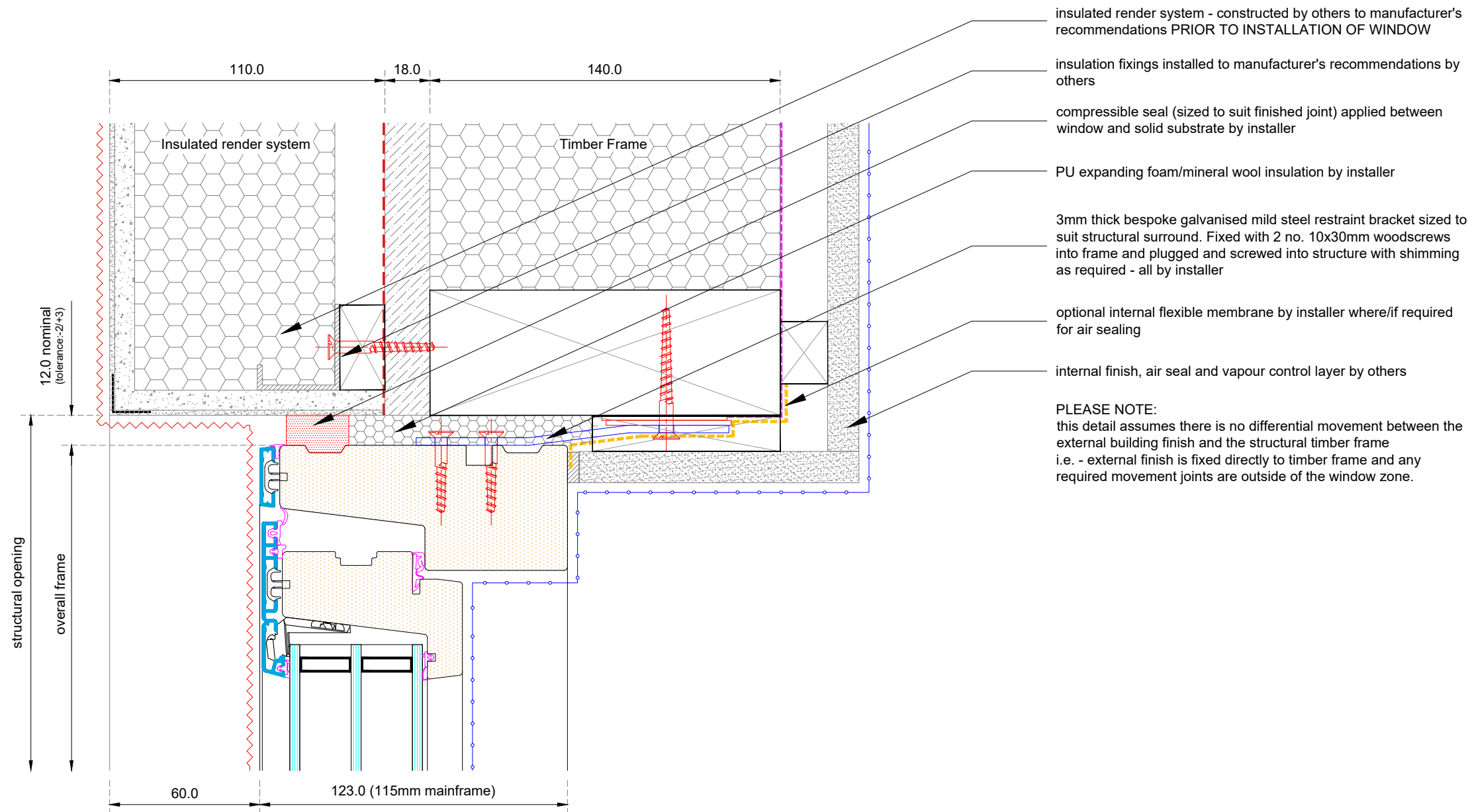
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



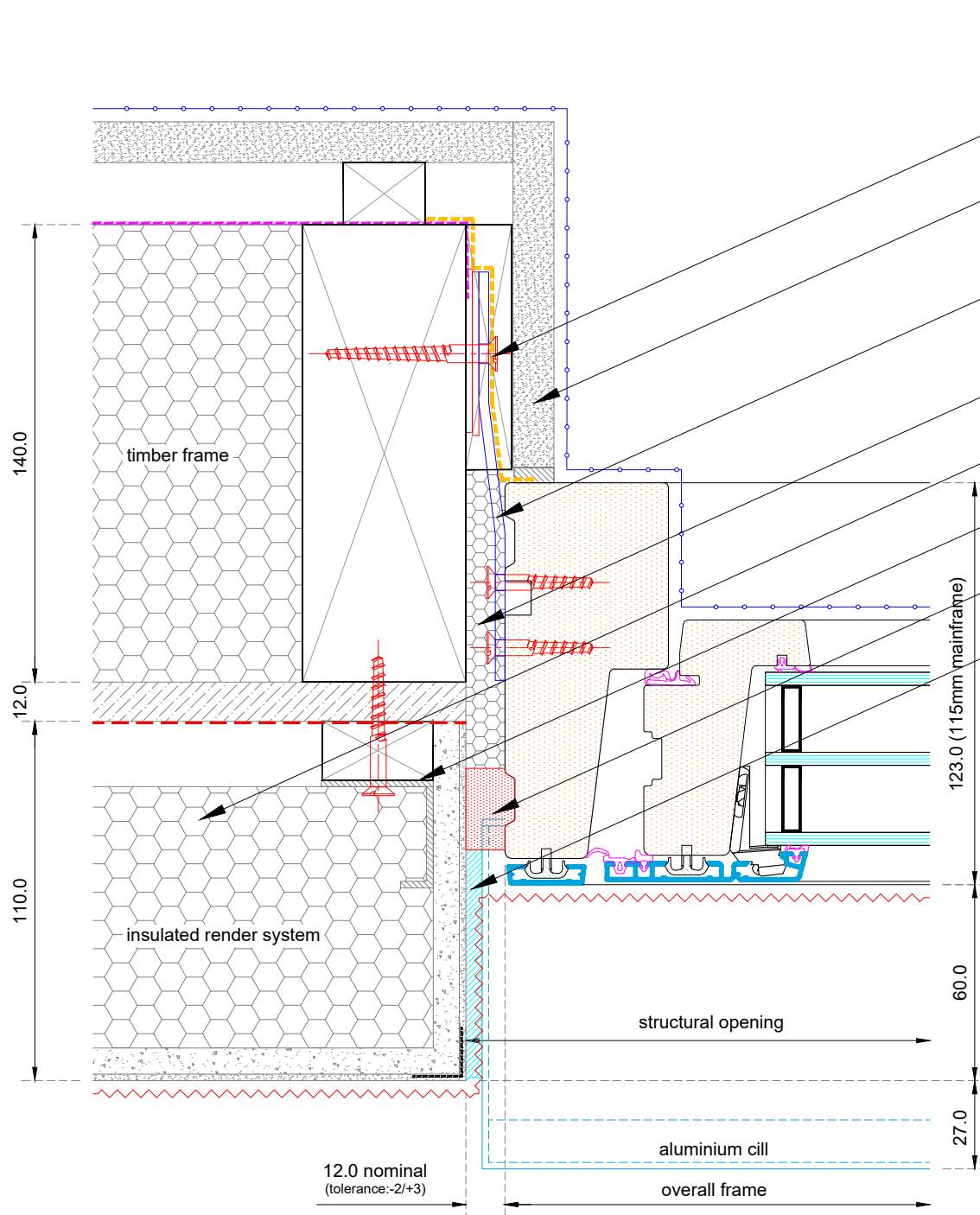
Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62



Title:
Rationel
AURAPLUS
TYPICAL HEAD DETAIL
INSULATED RENDER/ TIMBER FRAME

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.02.B.H.001		Revision:
			B

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- optional internal flexible membrane by installer where/if required for air sealing
- internal finish, air seal and vapour control layer by others
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- PU expanding foam/mineral wool insulation by installer
- insulated render system - constructed by others to manufacturer's recommendations PRIOR TO INSTALLATION OF WINDOW
- insulation fixings installed to manufacturer's recommendations by others
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- silicone to seal between each end of cill and structure by installer

PLEASE NOTE:
 this detail assumes there is no differential movement between the external building finish and the structural timber frame
 i.e. - external finish is fixed directly to timber frame and any required movement joints are outside of the window zone.

IMPORTANT NOTE: When installing DOVISTA products, please ensure compliance with national building regulations and British/European standards where necessary. This drawing is for guidance only and the customer must be satisfied that the principles outlined in this drawing are effectively transposed to suit specific project requirements and site conditions.

All dimensions are in millimetres where shown. DO NOT SCALE.

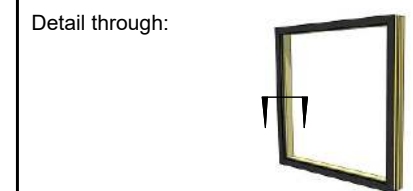
- NOTES:**
- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethylene backing rod.

Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line:

Primary air barrier line:



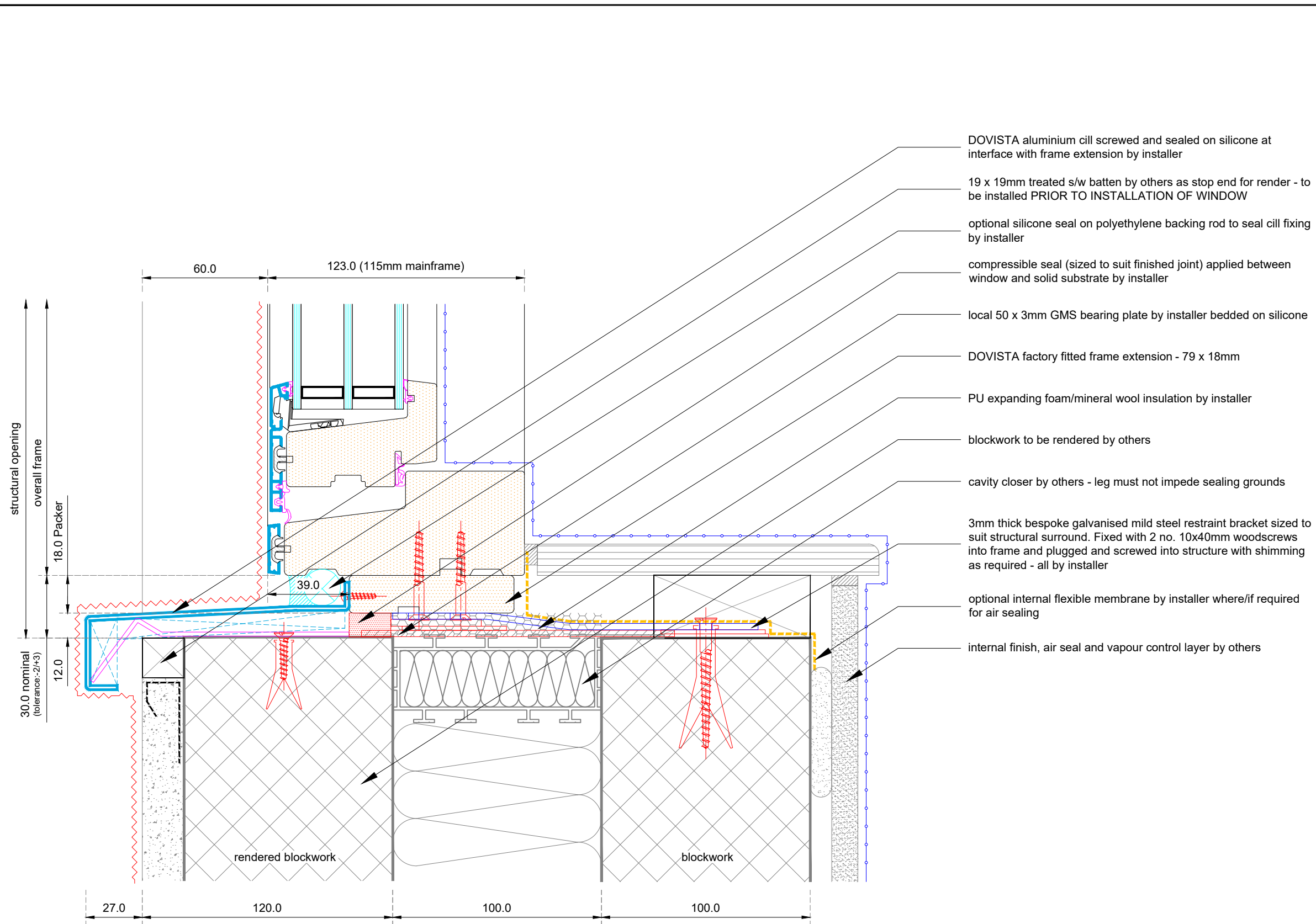
Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62



Title:
 Rationel
 AURAPLUS
TYPICAL JAMB DETAIL
 INSULATED RENDER/ TIMBER FRAME

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.02.B.J.001		Revision:
			B

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- DOVISTA aluminium cill screwed and sealed on silicone at interface with frame extension by installer
- 19 x 19mm treated s/w batten by others as stop end for render - to be installed PRIOR TO INSTALLATION OF WINDOW
- optional silicone seal on polyethylene backing rod to seal cill fixing by installer
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- local 50 x 3mm GMS bearing plate by installer bedded on silicone
- DOVISTA factory fitted frame extension - 79 x 18mm
- PU expanding foam/mineral wool insulation by installer
- blockwork to be rendered by others
- cavity closer by others - leg must not impede sealing grounds
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x40mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- optional internal flexible membrane by installer where/if required for air sealing
- internal finish, air seal and vapour control layer by others

IMPORTANT NOTE: When installing DOVISTA products, please ensure compliance with national building regulations and British/European standards where necessary. This drawing is for guidance only and the customer must be satisfied that the principles outlined in this drawing are effectively transposed to suit specific project requirements and site conditions.

All dimensions are in millimetres where shown. DO NOT SCALE.

- NOTES:**
- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethylene backing rod.

Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line:

Primary air barrier line:



Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated & new packer added.	S62
A	05.12.18	Expanding foam reference changed.	S62

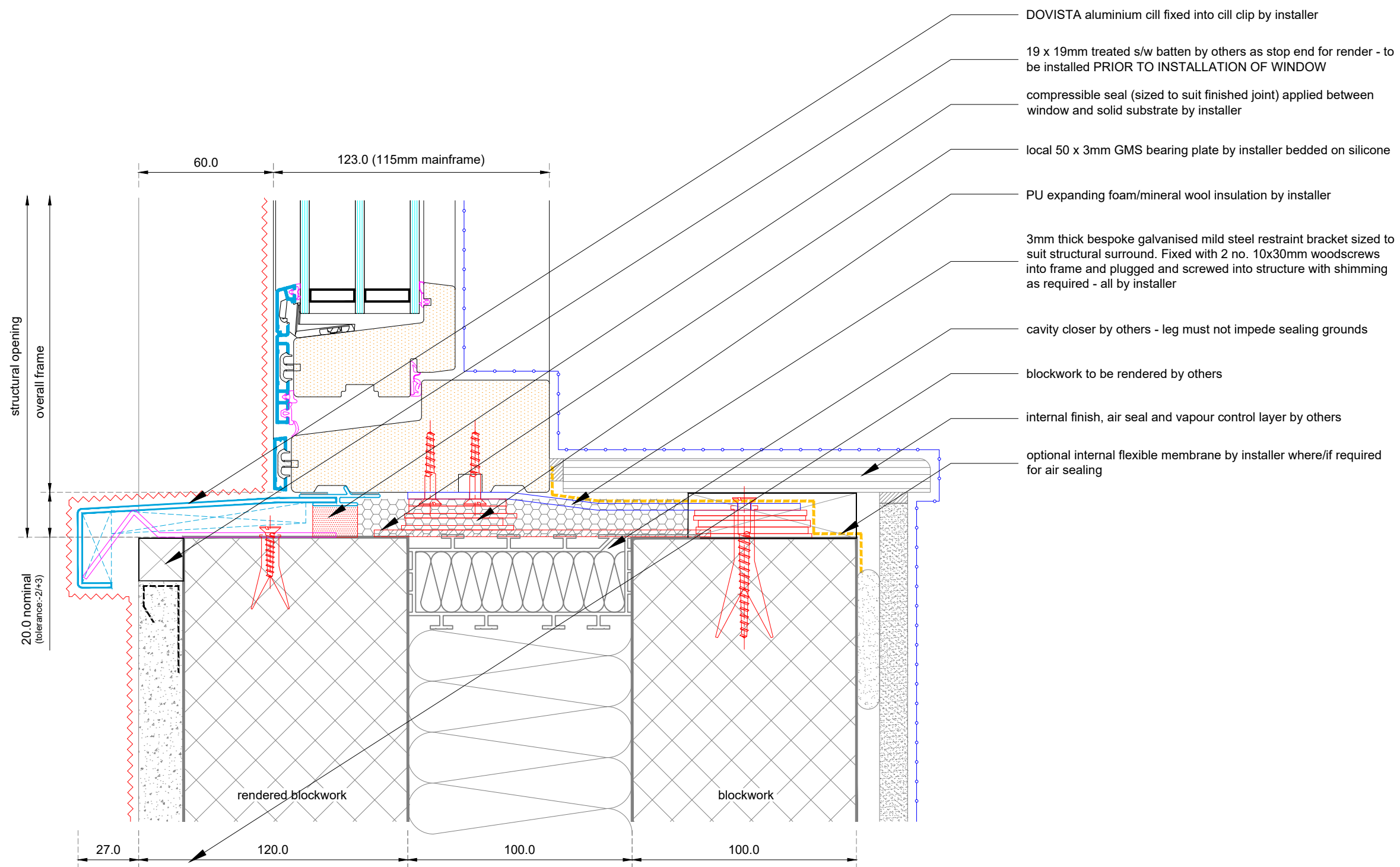


Title:
 Rationel
 AURAPLUS
TYPICAL SCREWED CILL DETAIL
 RENDERED BLOCK/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved

Drawing No: **AURA+.W1.03.A.C.001** Revision: **B**

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- DOVISTA aluminium cill fixed into cill clip by installer
- 19 x 19mm treated s/w batten by others as stop end for render - to be installed PRIOR TO INSTALLATION OF WINDOW
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- local 50 x 3mm GMS bearing plate by installer bedded on silicone
- PU expanding foam/mineral wool insulation by installer
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- cavity closer by others - leg must not impede sealing grounds
- blockwork to be rendered by others
- internal finish, air seal and vapour control layer by others
- optional internal flexible membrane by installer where/if required for air sealing

IMPORTANT NOTE: When installing DOVISTA products, please ensure compliance with national building regulations and British/European standards where necessary. This drawing is for guidance only and the customer must be satisfied that the principles outlined in this drawing are effectively transposed to suit specific project requirements and site conditions.

All dimensions are in millimetres where shown. DO NOT SCALE.

- NOTES:**
- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line:

Primary air barrier line:



Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated & clipped cill detail redrawn.	S62
A	05.12.18	Expanding foam reference changed.	S62

VELFAC **rationel**
STANDARD INTERFACE DRAWING

Title:
Rationel
AURAPLUS
TYPICAL CLIPPED CILL DETAIL
RENDERED BLOCK/ BLOCK MASONRY

Scale: 1:2 approx. @ A3 Drawn: Studio62 Design Ltd.
Date: January 2017 Status: approved

Drawing No: **AURA+.W1.03.A.C.002** Revision: **B**

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All dimensions are in millimetres where shown.
DO NOT SCALE.


NOTES:

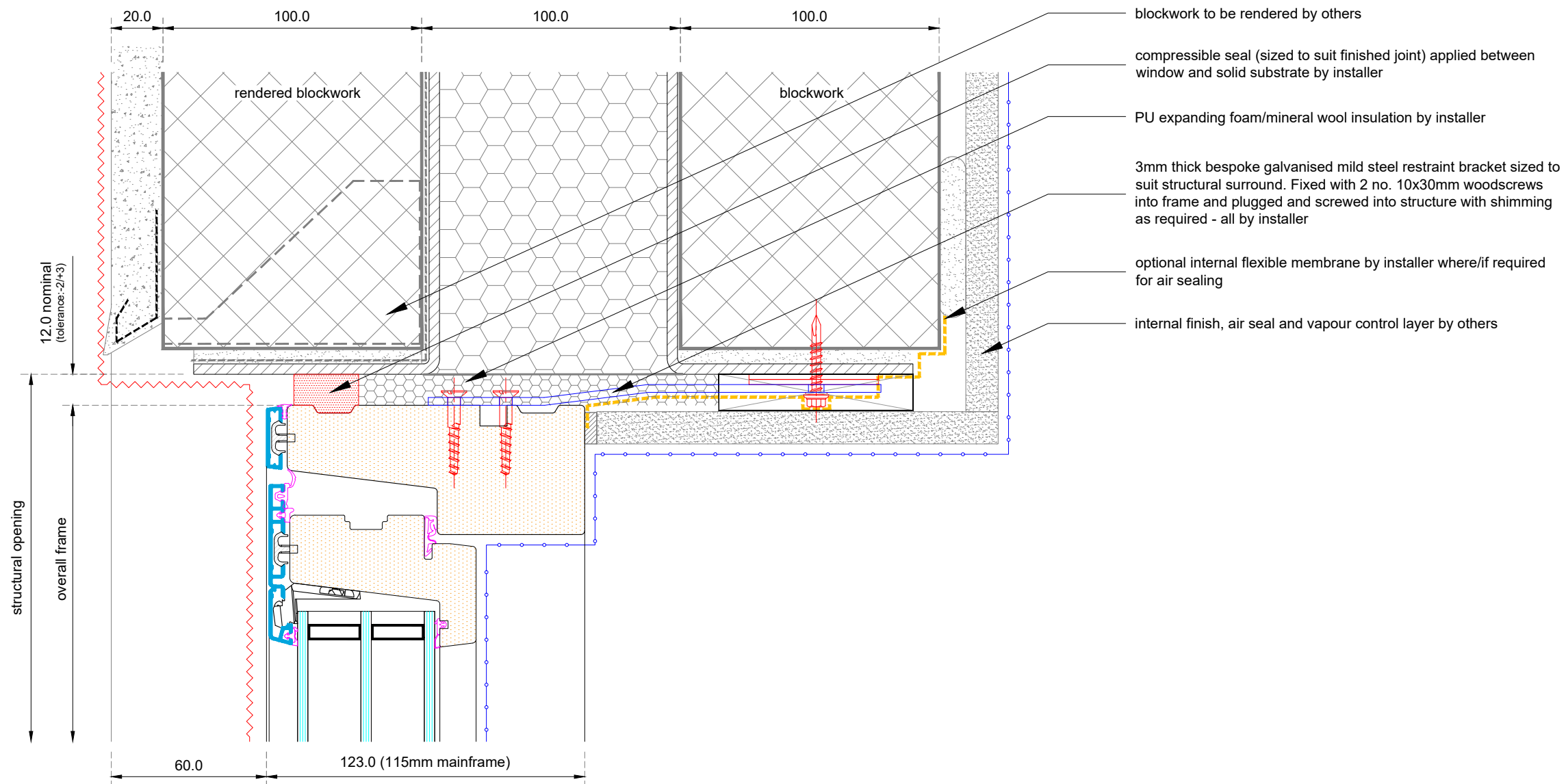
- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 



Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62



Title:
Rationel
AURAPLUS
TYPICAL HEAD DETAIL
RENDERED BLOCK/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.03.A.H.001		Revision:
			B

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NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

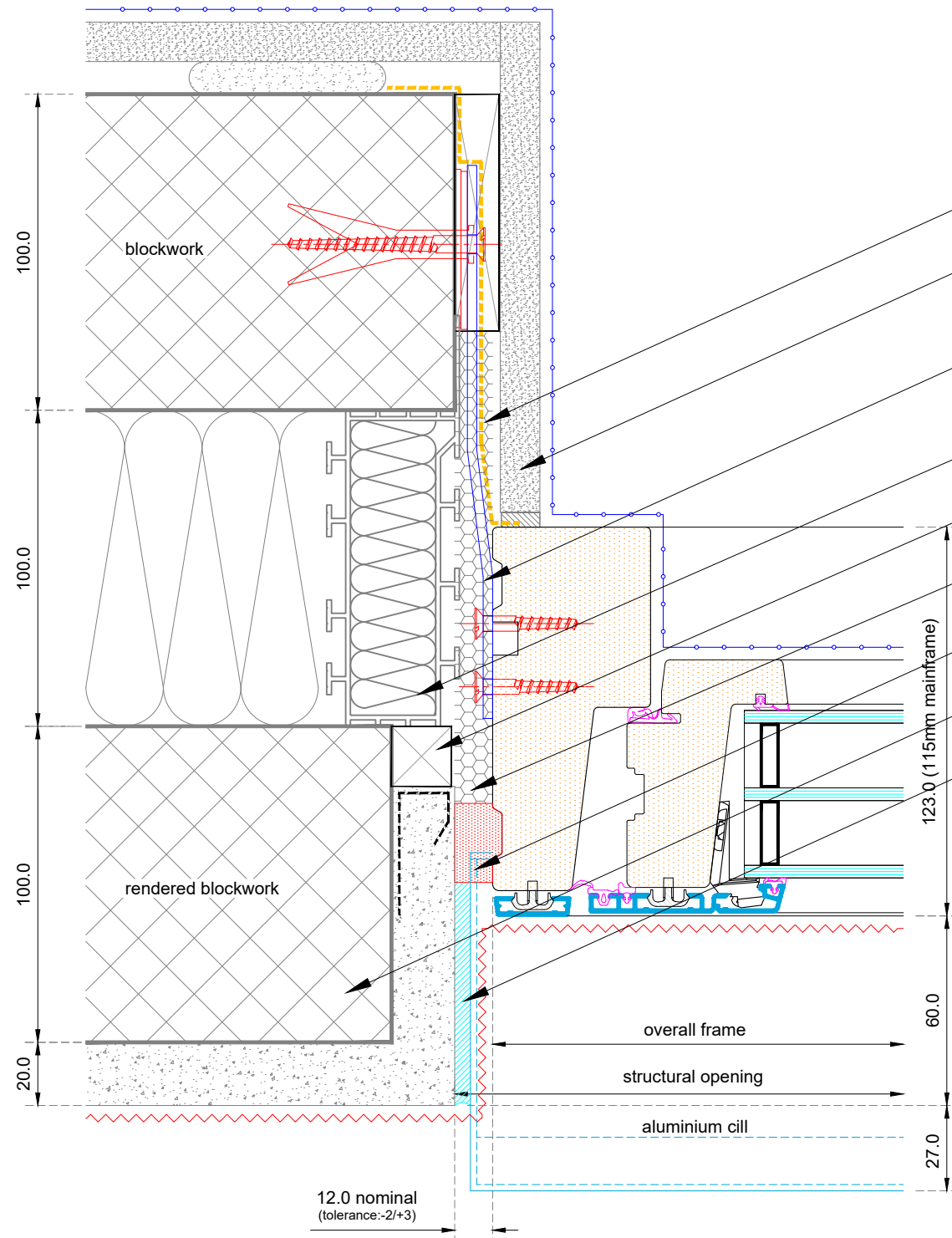
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



- optional internal flexible membrane by installer where/if required for air sealing
- internal finish, air seal and vapour control layer by others
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- cavity closer by others - leg must not impede sealing grounds
- 19 x 19mm treated s/w batten by others as stop end for render - to be installed PRIOR TO INSTALLATION OF WINDOW
- PU expanding foam/mineral wool insulation by installer
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- blockwork to be rendered by others
- silicone to seal between each end of cill and structure by installer

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62



STANDARD INTERFACE DRAWING

Title:

Rationel
AURAPLUS

TYPICAL JAMB DETAIL
RENDERED BLOCK/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	Revision:		

AURA+.W1.03.A.J.001 **B**

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All dimensions are in millimetres where shown. DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

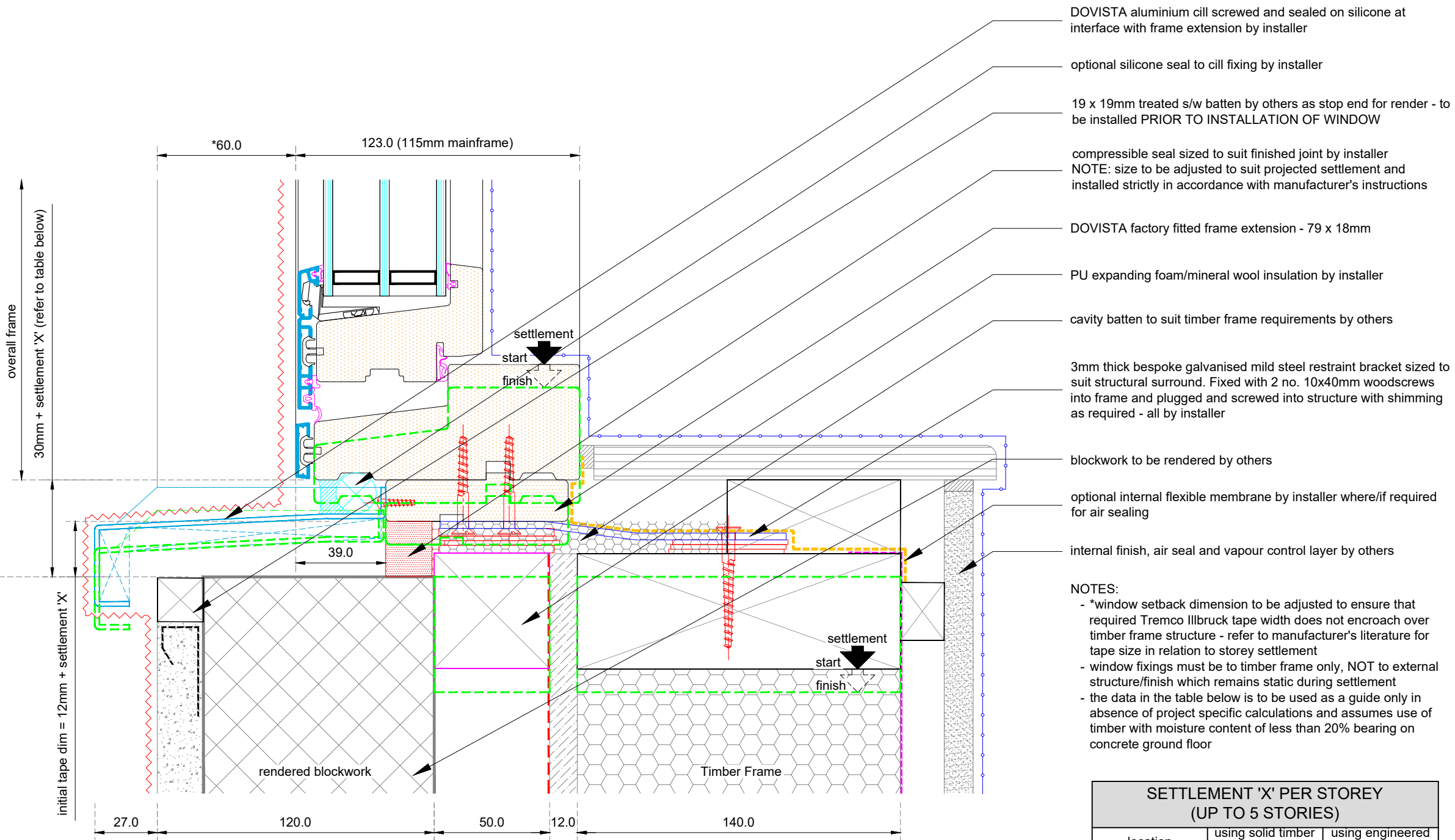
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



- DOVISTA aluminium cill screwed and sealed on silicone at interface with frame extension by installer
- optional silicone seal to cill fixing by installer
- 19 x 19mm treated s/w batten by others as stop end for render - to be installed PRIOR TO INSTALLATION OF WINDOW
- compressible seal sized to suit finished joint by installer
NOTE: size to be adjusted to suit projected settlement and installed strictly in accordance with manufacturer's instructions
- DOVISTA factory fitted frame extension - 79 x 18mm
- PU expanding foam/mineral wool insulation by installer
- cavity batten to suit timber frame requirements by others
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x40mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- blockwork to be rendered by others
- optional internal flexible membrane by installer where/if required for air sealing
- internal finish, air seal and vapour control layer by others

- NOTES:**
- *window setback dimension to be adjusted to ensure that required Tremco Illbruck tape width does not encroach over timber frame structure - refer to manufacturer's literature for tape size in relation to storey settlement
 - window fixings must be to timber frame only, NOT to external structure/finish which remains static during settlement
 - the data in the table below is to be used as a guide only in absence of project specific calculations and assumes use of timber with moisture content of less than 20% bearing on concrete ground floor

SETTLEMENT 'X' PER STOREY (UP TO 5 STOREYS)		
location	using solid timber joist floors (mm)	using engineered i-joist floors (mm)
ground storey	3	3
first storey	12	9
second storey	21	15
third storey	30	21
fourth storey	39	27
fifth storey	48	33

Source: LABC warranty technical manual v.7

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated & new packer added.	S62
A	05.02.18	Expanding foam reference changed.	S62

VELFAC **rational**
STANDARD INTERFACE DRAWING

Title:
Rational
AURAPLUS
TYPICAL SCREWED CILL DETAIL
RENDERED BLOCK/ TIMBER FRAME

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.03.B.C.001		Revision:
			B

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All dimensions are in millimetres where shown. DO NOT SCALE.


NOTES:

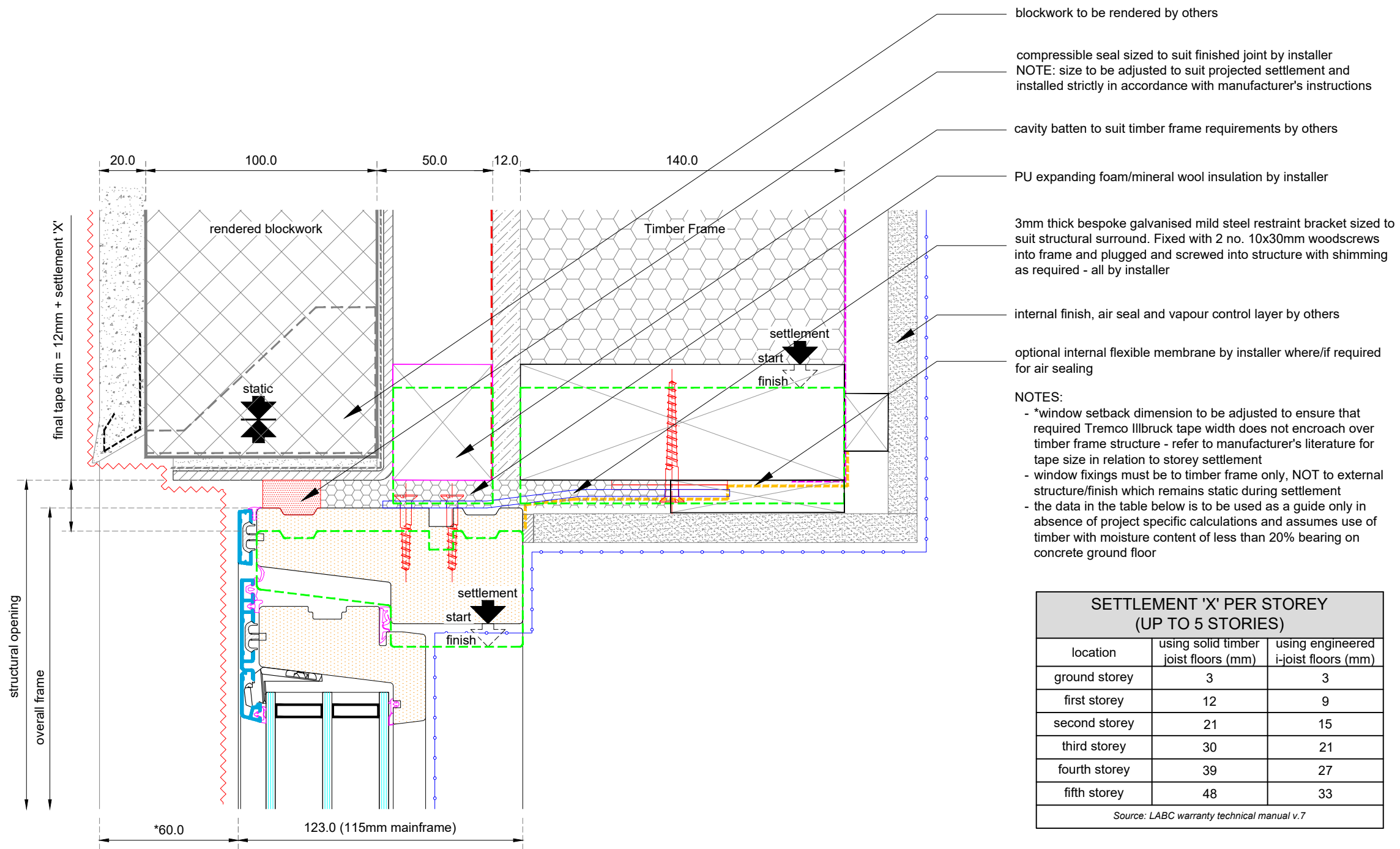
- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 



- blockwork to be rendered by others
- compressible seal sized to suit finished joint by installer
NOTE: size to be adjusted to suit projected settlement and installed strictly in accordance with manufacturer's instructions
- cavity batten to suit timber frame requirements by others
- PU expanding foam/mineral wool insulation by installer
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- internal finish, air seal and vapour control layer by others
- optional internal flexible membrane by installer where/if required for air sealing

- NOTES:**
- *window setback dimension to be adjusted to ensure that required Tremco Illbruck tape width does not encroach over timber frame structure - refer to manufacturer's literature for tape size in relation to storey settlement
 - window fixings must be to timber frame only, NOT to external structure/finish which remains static during settlement
 - the data in the table below is to be used as a guide only in absence of project specific calculations and assumes use of timber with moisture content of less than 20% bearing on concrete ground floor

SETTLEMENT 'X' PER STOREY (UP TO 5 STOREIES)		
location	using solid timber joist floors (mm)	using engineered i-joist floors (mm)
ground storey	3	3
first storey	12	9
second storey	21	15
third storey	30	21
fourth storey	39	27
fifth storey	48	33

Source: LABC warranty technical manual v.7

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62



Title:
Rationel
AURAPLUS
TYPICAL HEAD DETAIL
RENDERED BLOCK/ TIMBER FRAME

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.03.B.H.001		Revision:
			B

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All dimensions are in millimetres where shown. DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethylene backing rod.

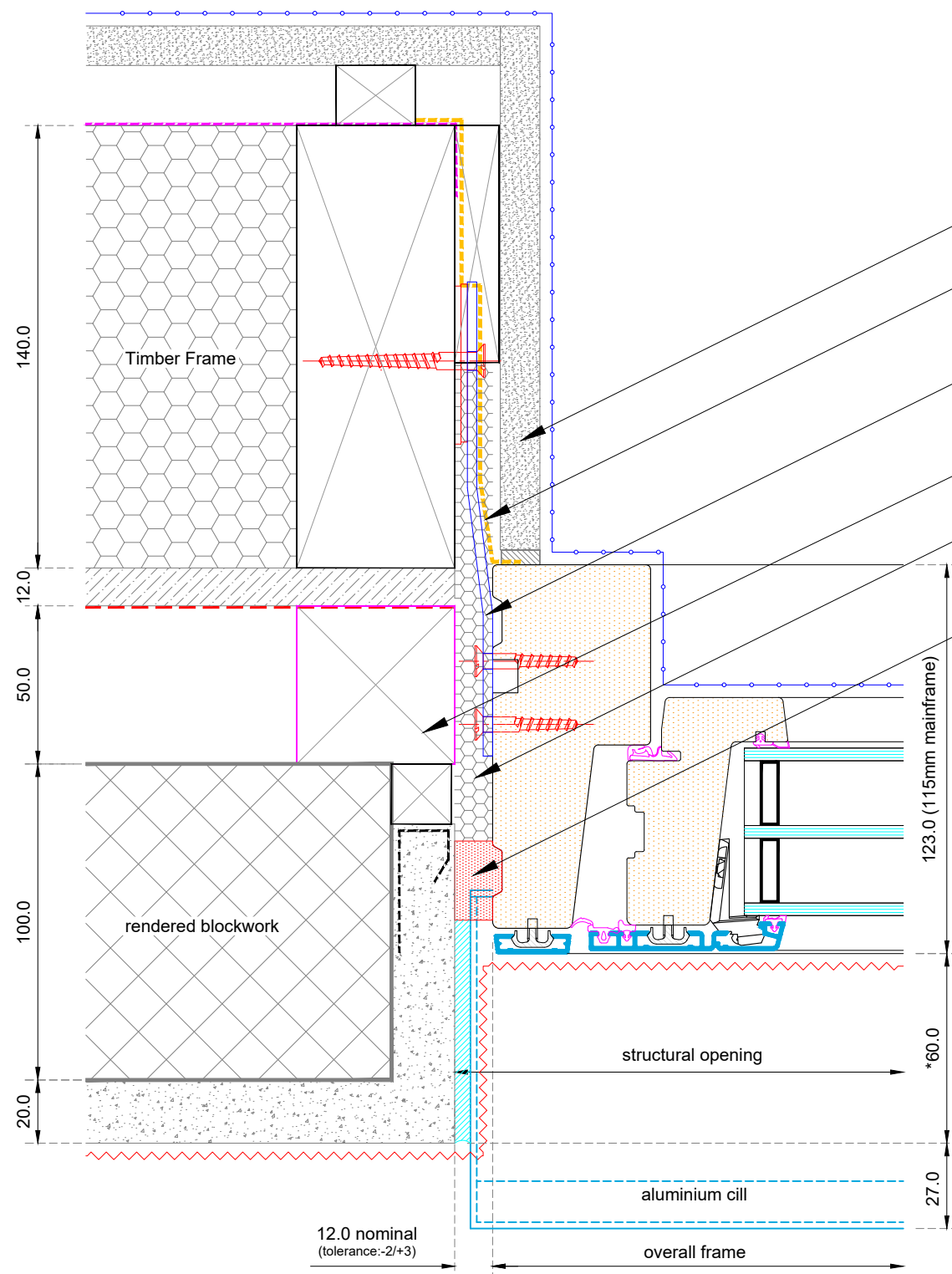
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



- internal finish, air seal and vapour control layer by others
- optional internal flexible membrane by installer where/if required for air sealing
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- cavity batten to suit timber frame requirements by others
- PU expanding foam/mineral wool insulation by installer

NOTES:

- *window setback dimension to be adjusted to ensure that required Tremco Illbruck tape width does not encroach over timber frame structure - refer to manufacturer's literature for tape size in relation to storey settlement
- window fixings must be to timber frame only, NOT to external structure/finish which remains static during settlement
- the data in the table below is to be used as a guide only in absence of project specific calculations and assumes use of timber with moisture content of less than 20% bearing on concrete ground floor

SETTLEMENT 'X' PER STOREY (UP TO 5 STOREYS)		
location	using solid timber joist floors (mm)	using engineered i-joist floors (mm)
ground storey	3	3
first storey	12	9
second storey	21	15
third storey	30	21
fourth storey	39	27
fifth storey	48	33

Source: LABC warranty technical manual v.7

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62

VELFAC **rational**[®]
STANDARD INTERFACE DRAWING

Title:
Rational
AURAPLUS
TYPICAL JAMB DETAIL
RENDERED BLOCK/ TIMBER FRAME

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.03.B.J.001		Revision:
			B

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All dimensions are in millimetres where shown.
DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethylene backing rod.

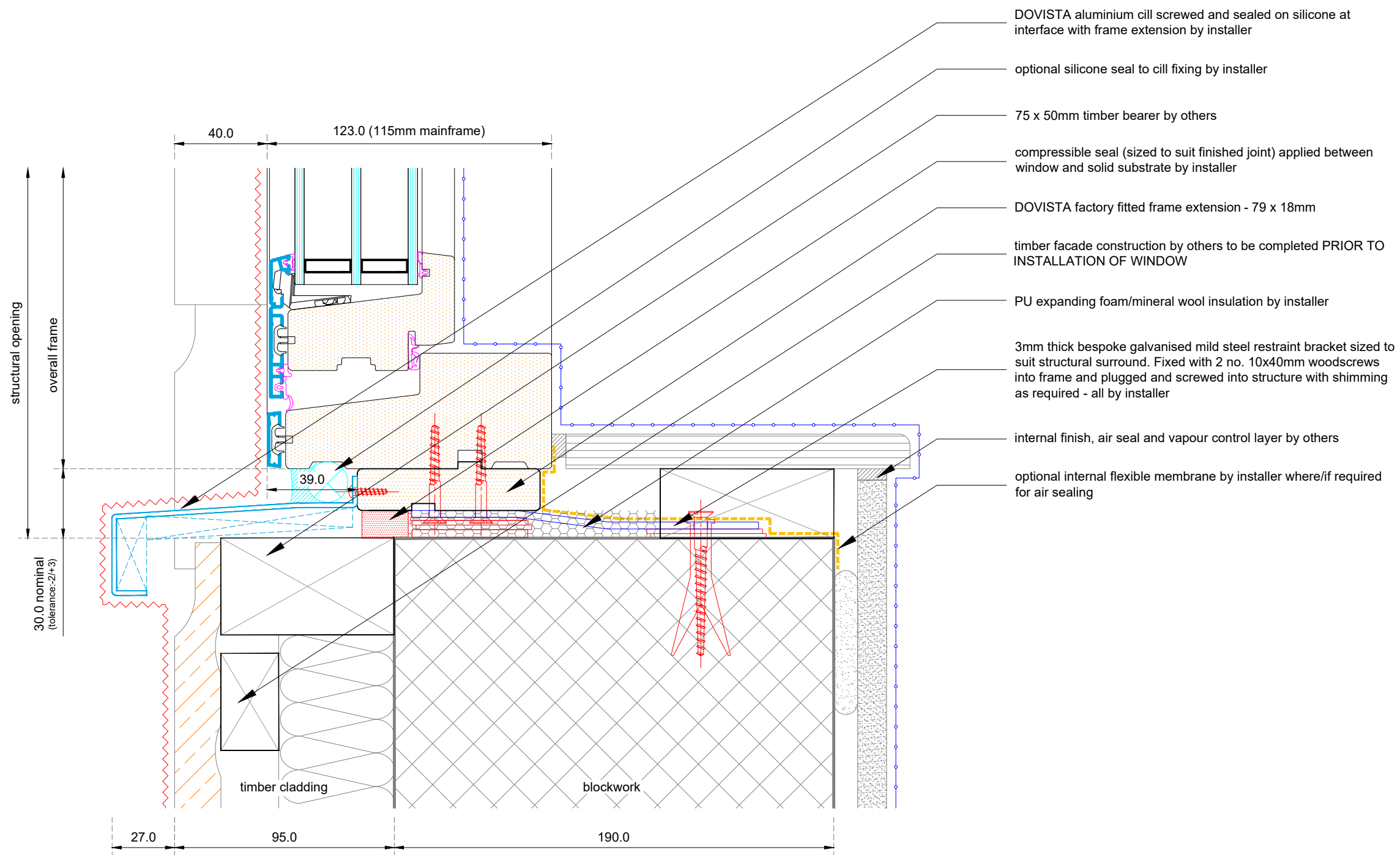
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



- DOVISTA aluminium cill screwed and sealed on silicone at interface with frame extension by installer
- optional silicone seal to cill fixing by installer
- 75 x 50mm timber bearer by others
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- DOVISTA factory fitted frame extension - 79 x 18mm
- timber facade construction by others to be completed PRIOR TO INSTALLATION OF WINDOW
- PU expanding foam/mineral wool insulation by installer
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x40mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- internal finish, air seal and vapour control layer by others
- optional internal flexible membrane by installer where/if required for air sealing

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated & new packer added.	S62
A	05.02.18	Expanding foam reference changed.	S62

VELFAC **rationel**
STANDARD INTERFACE DRAWING

Title:
Rationel
AURAPLUS
TYPICAL SCREWED CILL DETAIL
TIMBER CLADDING/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.04.A.C.001		Revision:
			B

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All dimensions are in millimetres where shown.
DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

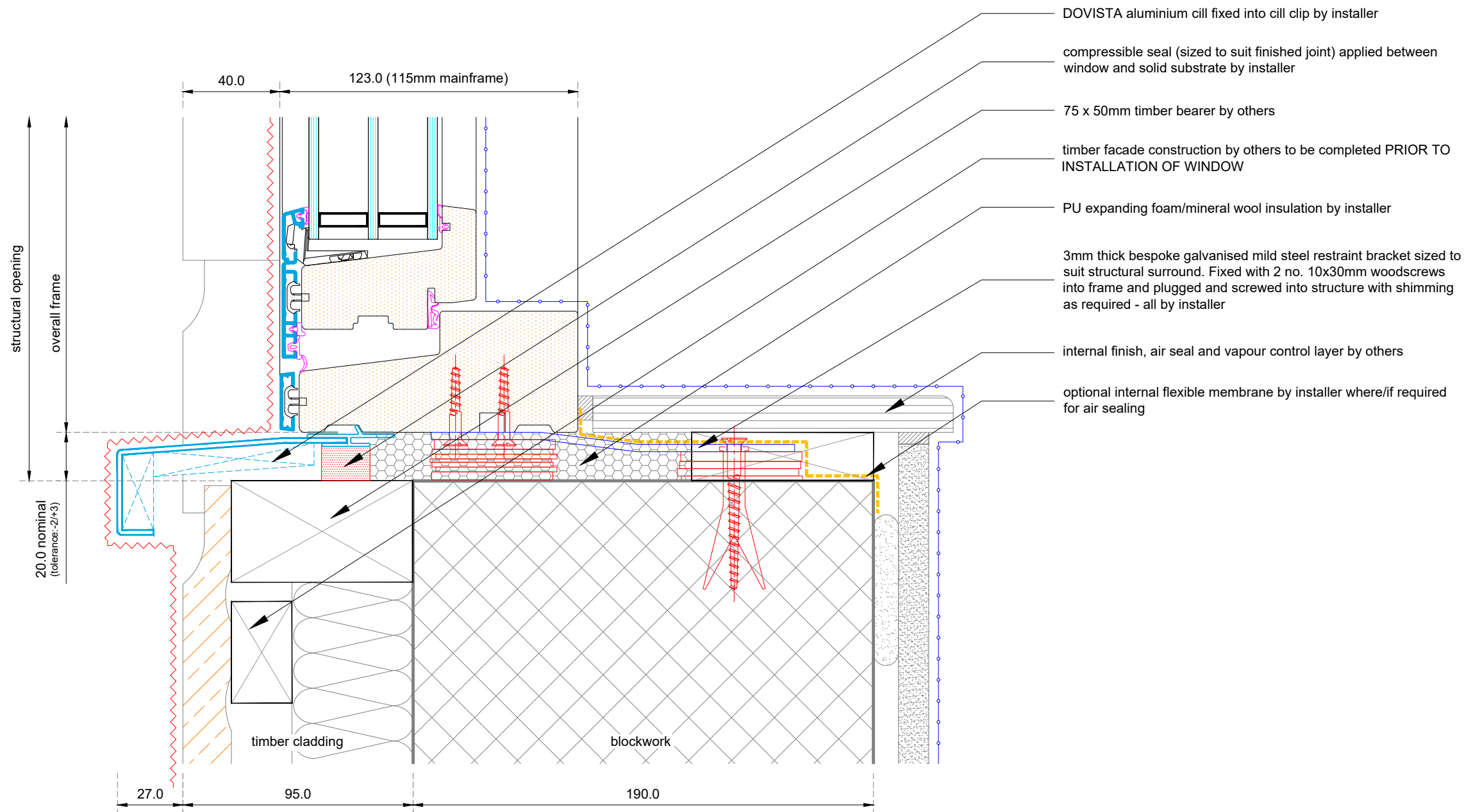
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



- DOVISTA aluminium cill fixed into cill clip by installer
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- 75 x 50mm timber bearer by others
- timber facade construction by others to be completed PRIOR TO INSTALLATION OF WINDOW
- PU expanding foam/mineral wool insulation by installer
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- internal finish, air seal and vapour control layer by others
- optional internal flexible membrane by installer where/if required for air sealing

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated & clipped cill detail redrawn.	S62
A	05.02.18	Expanding foam reference changed.	S62



Title:
Rationel
AURAPLUS
TYPICAL CLIPPED CILL DETAIL
TIMBER CLADDING/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.04.A.C.002		Revision:
			B

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IMPORTANT NOTE: When installing DOVISTA products, please ensure compliance with national building regulations and British/European standards where necessary. This drawing is for guidance only and the customer must be satisfied that the principles outlined in this drawing are effectively transposed to suit specific project requirements and site conditions.


All dimensions are in millimetres where shown.
DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 



Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62

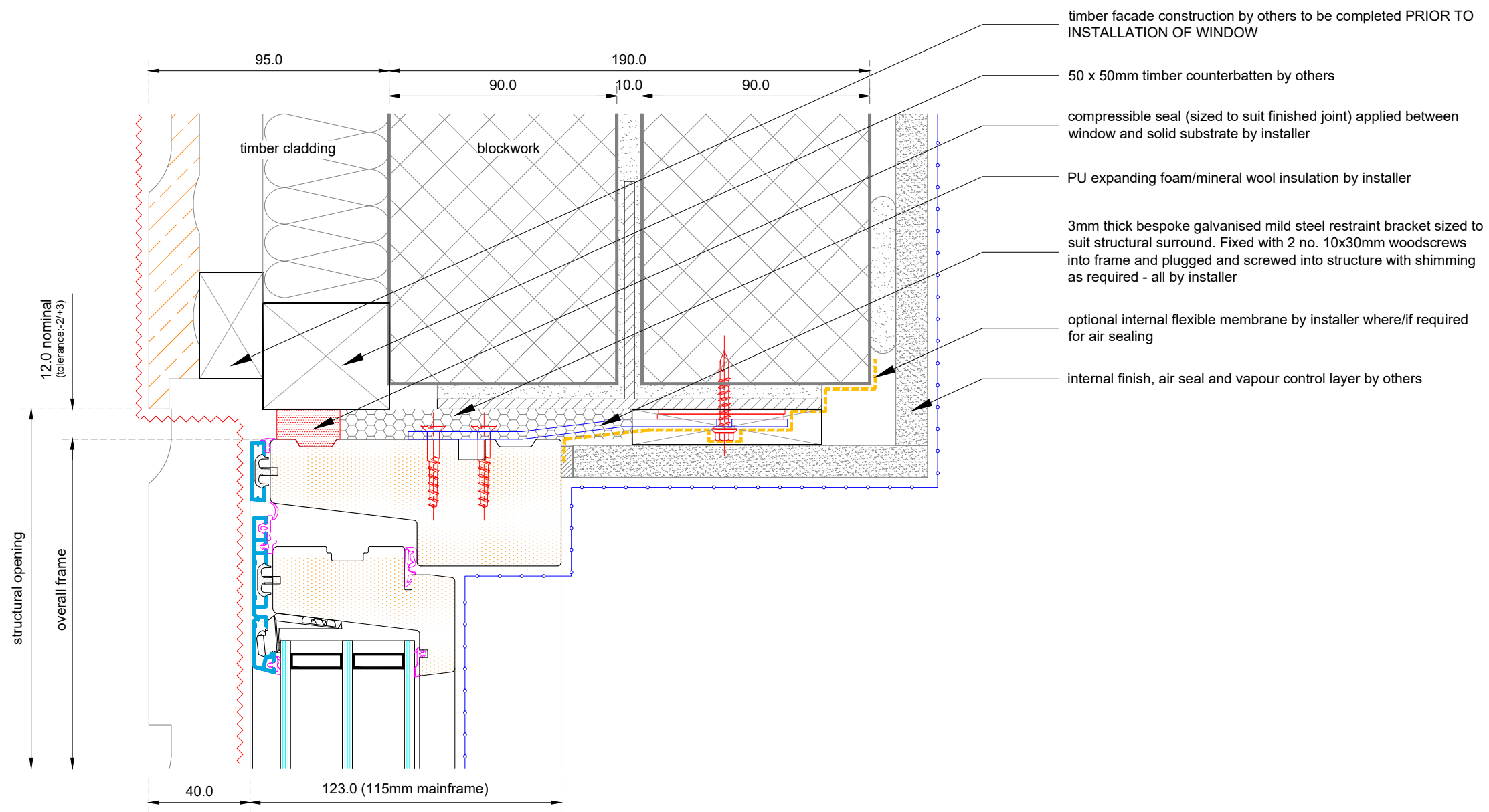
VELFAC **rational**[®]
STANDARD INTERFACE DRAWING

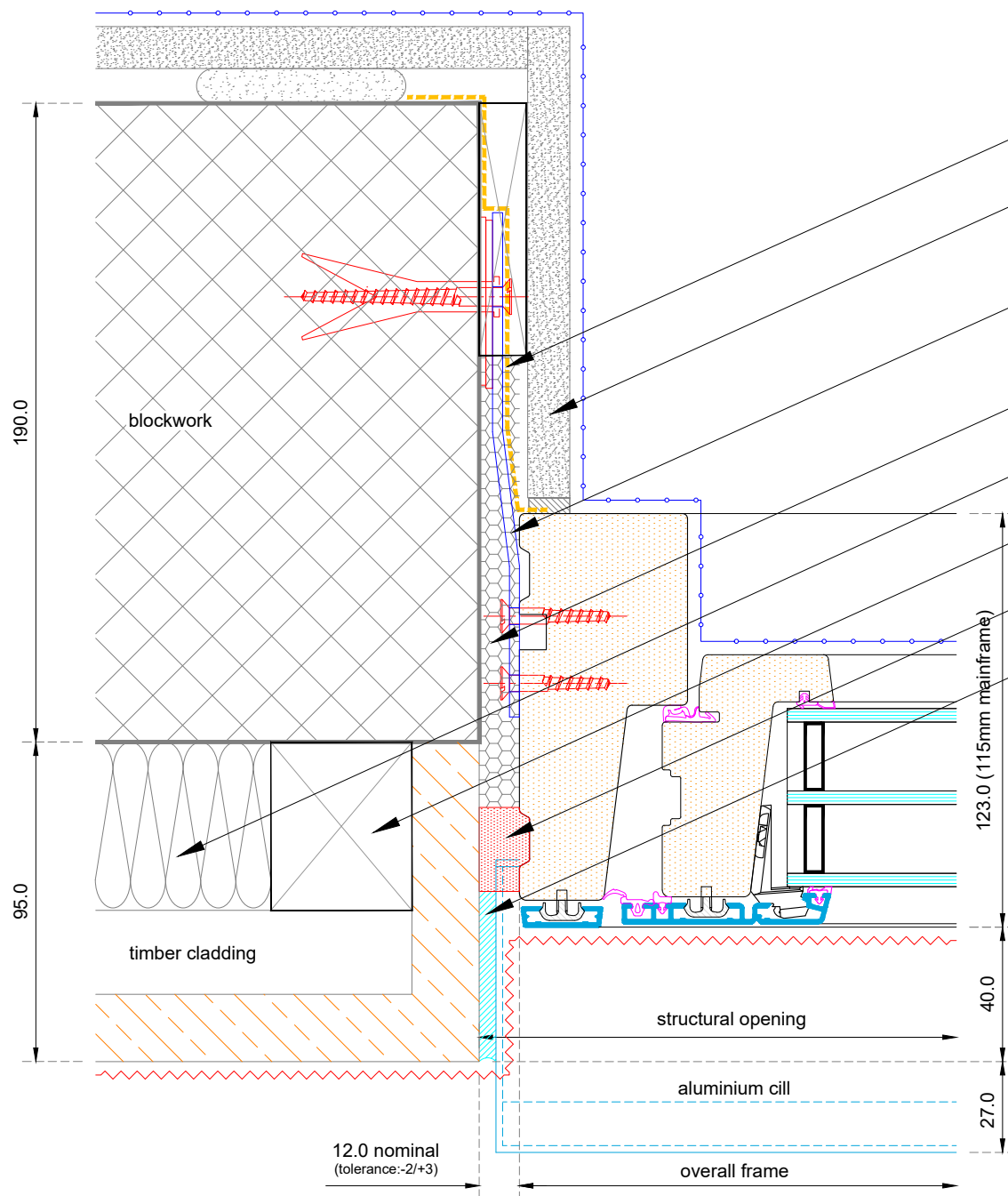
Title:
Rationel
AURAPLUS
TYPICAL HEAD DETAIL
TIMBER CLADDING/ BLOCK MASONRY

Scale: 1:2 approx. @ A3 Drawn: Studio62 Design Ltd.
Date: January 2017 Status: approved

Drawing No: **AURA+.W1.04.A.H.001** Revision: **B**

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- optional internal flexible membrane by installer where/if required for air sealing
- internal finish, air seal and vapour control layer by others
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- PU expanding foam/mineral wool insulation by installer
- timber facade construction by others to be completed PRIOR TO INSTALLATION OF WINDOW
- 50 x 50mm timber counterbatten by others
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- silicone to seal between each end of cill and structure by installer

IMPORTANT NOTE: When installing DOVISTA products, please ensure compliance with national building regulations and British/European standards where necessary. This drawing is for guidance only and the customer must be satisfied that the principles outlined in this drawing are effectively transposed to suit specific project requirements and site conditions.

All dimensions are in millimetres where shown. DO NOT SCALE.

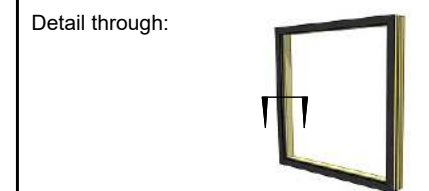
- NOTES:**
- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line:

Primary air barrier line:



Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62



Title:
 Rationel
 AURAPLUS
TYPICAL JAMB DETAIL
 TIMBER CLADDING/ BLOCK MASONRY

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.04.A.J.001		Revision:
			B

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All dimensions are in millimetres where shown.
DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethylene backing rod.

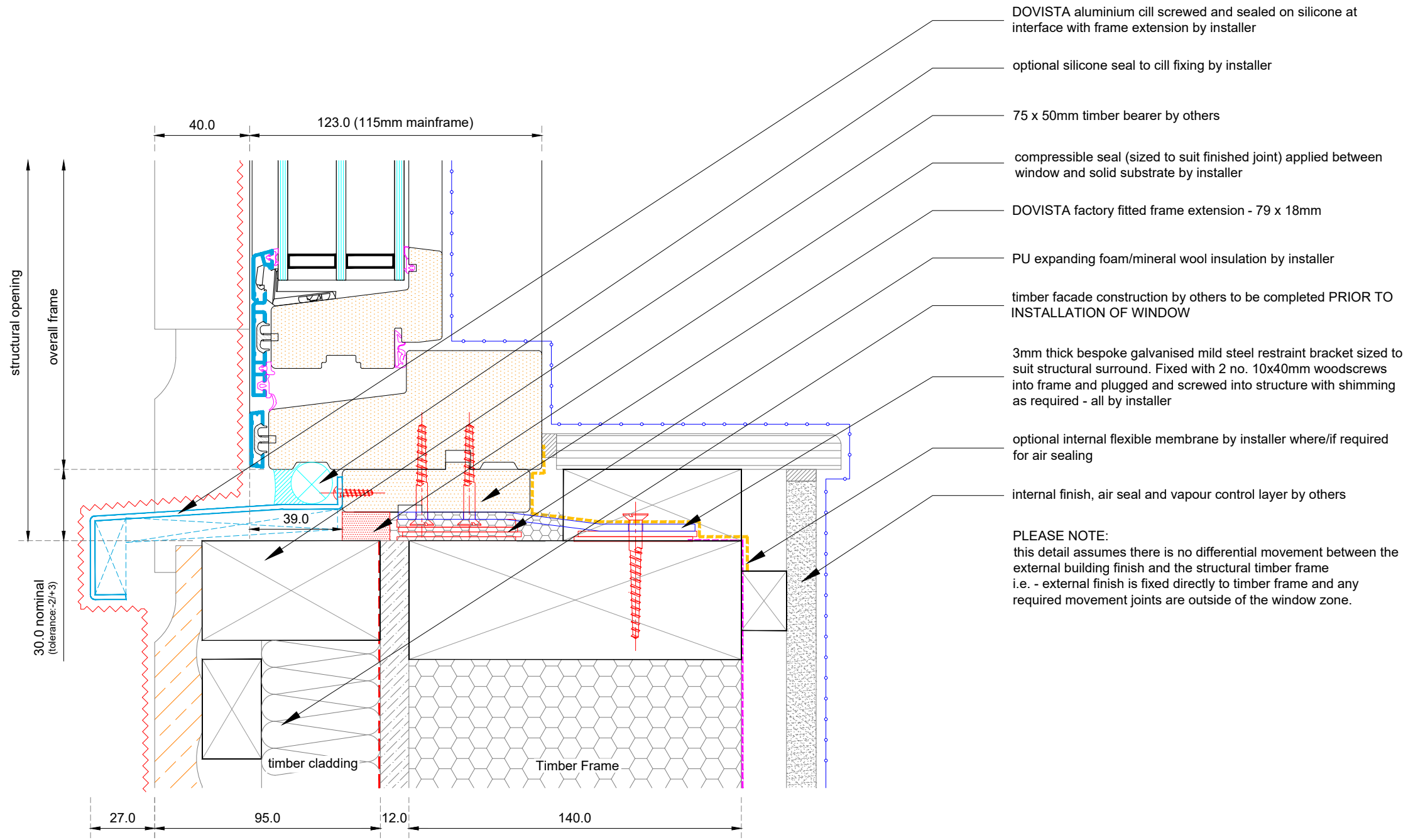
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



- DOVISTA aluminium cill screwed and sealed on silicone at interface with frame extension by installer
- optional silicone seal to cill fixing by installer
- 75 x 50mm timber bearer by others
- compressible seal (sized to suit finished joint) applied between window and solid substrate by installer
- DOVISTA factory fitted frame extension - 79 x 18mm
- PU expanding foam/mineral wool insulation by installer
- timber facade construction by others to be completed PRIOR TO INSTALLATION OF WINDOW
- 3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x40mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer
- optional internal flexible membrane by installer where/if required for air sealing
- internal finish, air seal and vapour control layer by others

PLEASE NOTE:
this detail assumes there is no differential movement between the external building finish and the structural timber frame
i.e. - external finish is fixed directly to timber frame and any required movement joints are outside of the window zone.

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated & new packer added.	S62
A	05.02.18	Expanding foam reference changed.	S62



Title:
Rationel
AURAPLUS
TYPICAL SCREWED CILL DETAIL
TIMBER CLADDING/ TIMBER FRAME

Scale: 1:2 approx. @ A3 Drawn: Studio62 Design Ltd.
Date: January 2017 Status: approved

Drawing No: AURA+.W1.04.B.C.001 Revision: B

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All dimensions are in millimetres where shown. DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 



timber facade construction by others to be completed PRIOR TO INSTALLATION OF WINDOW

50 x 50mm timber counterbatten by others

compressible seal (sized to suit finished joint) applied between window and solid substrate by installer

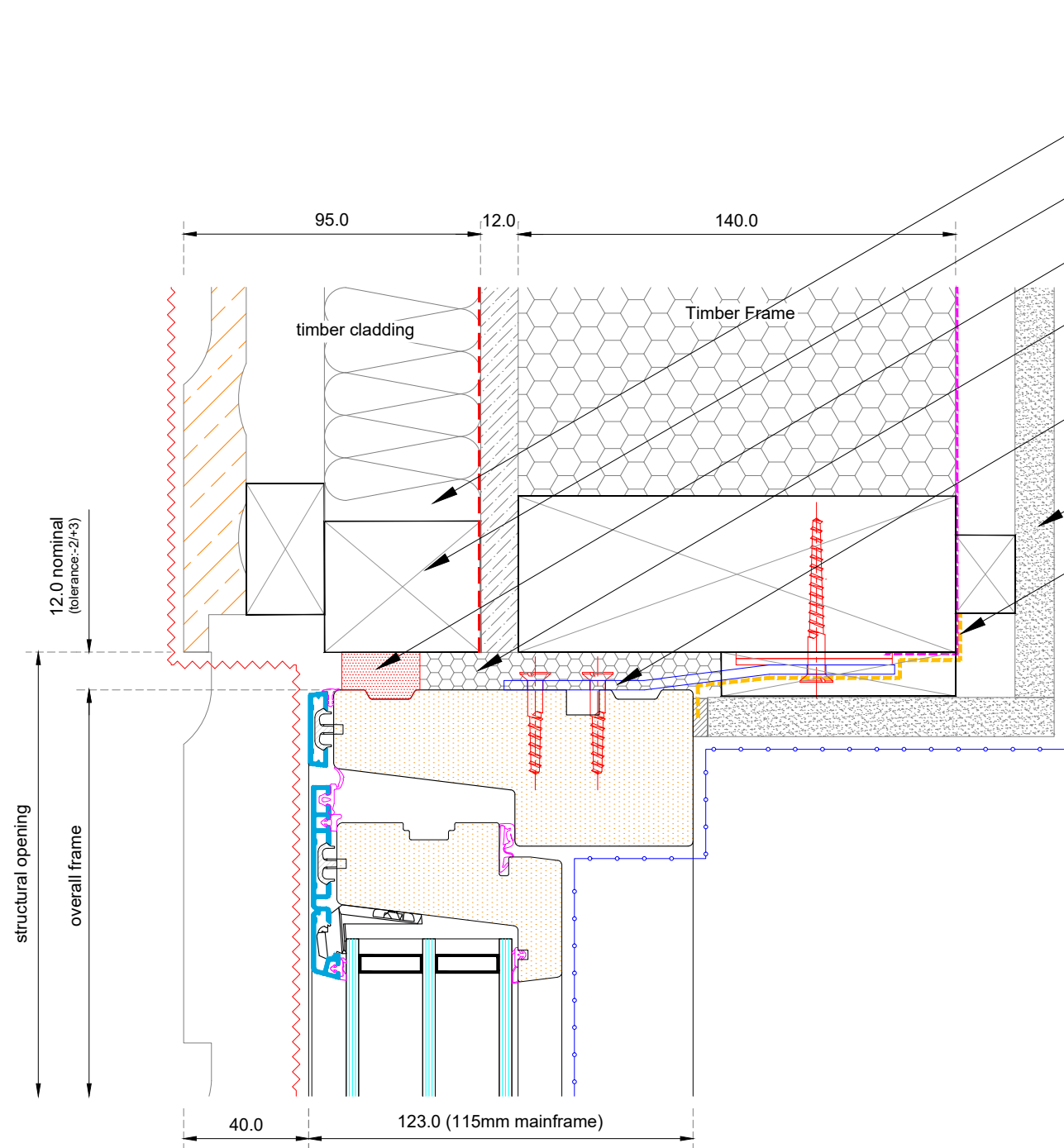
PU expanding foam/mineral wool insulation by installer

3mm thick bespoke galvanised mild steel restraint bracket sized to suit structural surround. Fixed with 2 no. 10x30mm woodscrews into frame and plugged and screwed into structure with shimming as required - all by installer

internal finish, air seal and vapour control layer by others

optional internal flexible membrane by installer where/if required for air sealing

PLEASE NOTE:
this detail assumes there is no differential movement between the external building finish and the structural timber frame i.e. - external finish is fixed directly to timber frame and any required movement joints are outside of the window zone.



B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62
Rev	Date	Revision Note	Drawn

VELFAC **rational**
STANDARD INTERFACE DRAWING

Title:
Rationel
AURAPLUS
TYPICAL HEAD DETAIL
TIMBER CLADDING/ TIMBER FRAME

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.04.B.H.001		Revision:
			B

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All dimensions are in millimetres where shown. DO NOT SCALE.


NOTES:

- External weather seal to be either:
- Tremco Illbruck impregnated foam tape sized to suit finished joint size or,
 - Tremco Illbruck FS500 silicone seal with polyethylene backing rod or,
 - ARBOSIL 1090 silicone seal and polyethelene backing rod.

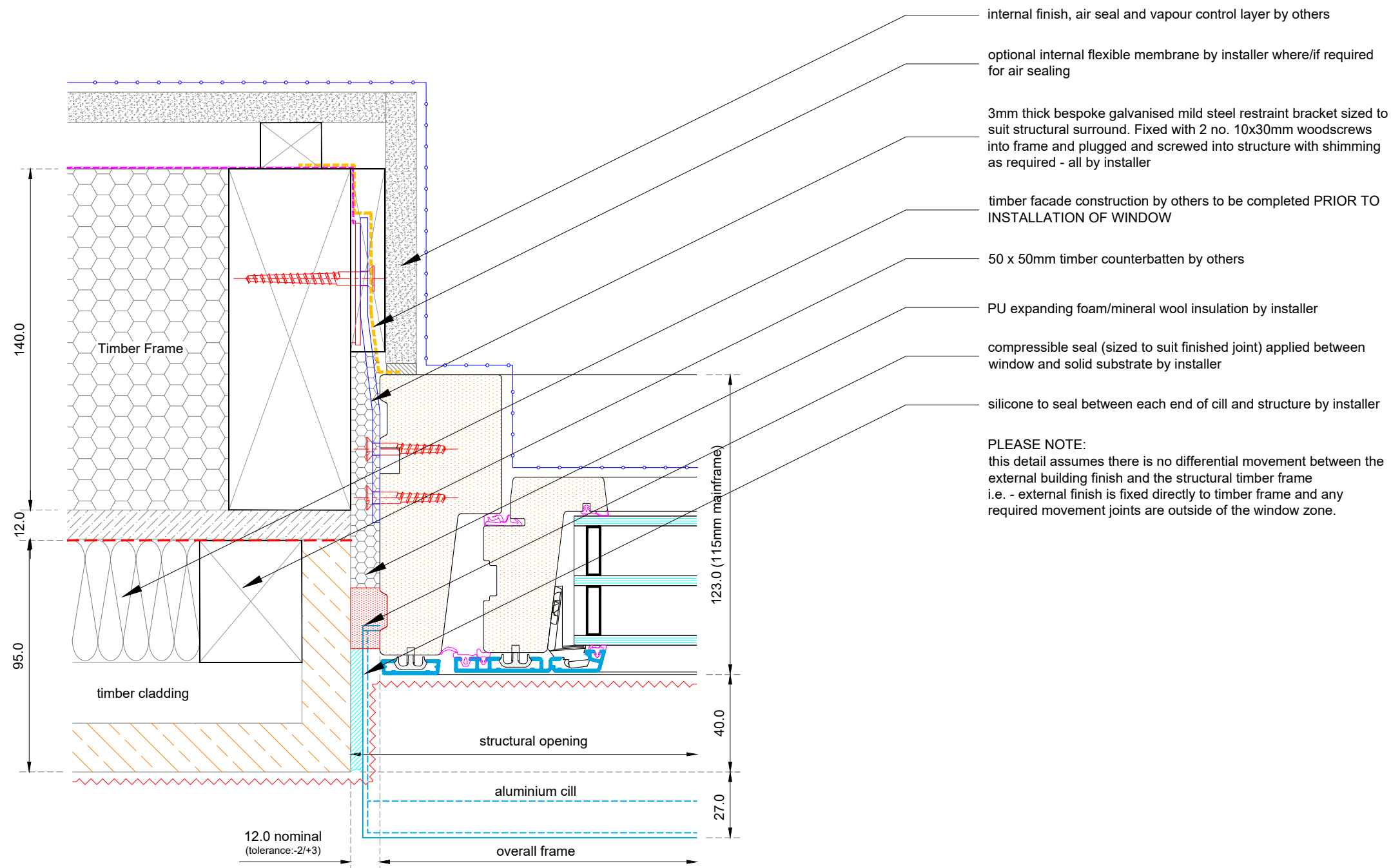
Fixings and lugs to be installed strictly in accordance with DOVISTA installation guidance.

Fixing grounds must be able to withstand all loads transmitted from and through the DOVISTA system.

Primary weather line: 

Primary air barrier line: 

Detail through:



PLEASE NOTE:
this detail assumes there is no differential movement between the external building finish and the structural timber frame i.e. - external finish is fixed directly to timber frame and any required movement joints are outside of the window zone.

Rev	Date	Revision Note	Drawn
B	09.04.21	Notes updated.	S62
A	05.02.18	Expanding foam reference changed.	S62



Title:
Rationel
AURAPLUS
TYPICAL JAMB DETAIL
TIMBER CLADDING/ TIMBER FRAME

Scale:	1:2 approx. @ A3	Drawn:	Studio62 Design Ltd.
Date:	January 2017	Status:	approved
Drawing No:	AURA+.W1.04.B.J.001		Revision:
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