

Facade System

Ventilated facade

EL-SB-SHMD

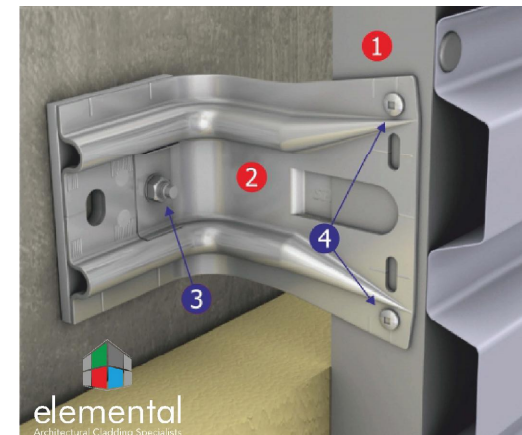
Elemental-SFS Bracket-Screw Horizontal Metal Deck

HORIZONTAL METAL DECK

Face Fix onto 1- Layer - Metal substructure

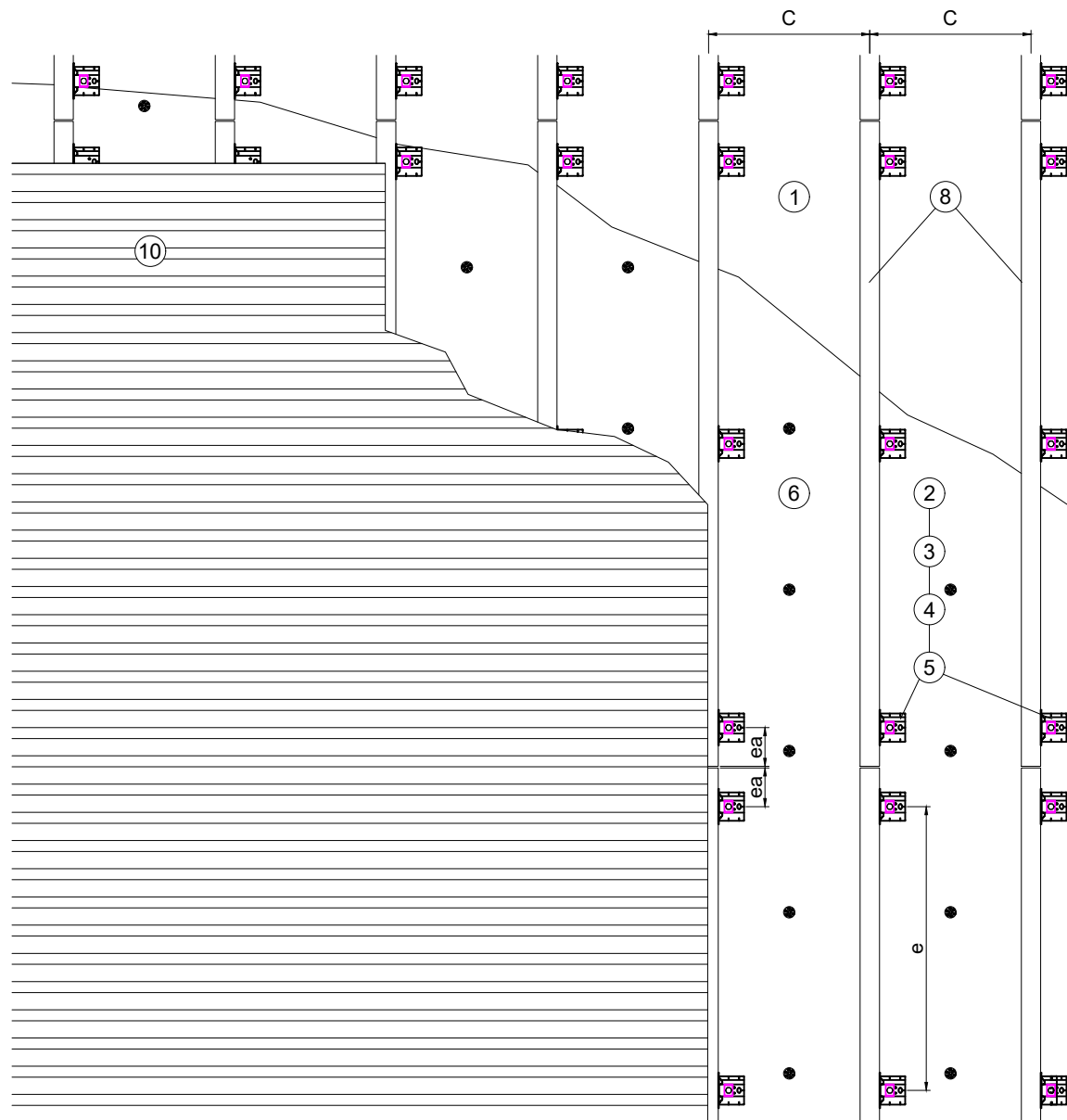
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EL-SB-SHMD11	WINDOW CILL DETAIL
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- 1 'L' or 'T' Rail
- 2 Support Bracket
- FIXINGS:**
- 3 Bracket to Wall Fixings/Anchors
- 4 Rail to Bracket Fixings

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- 1... Wall
- 2... SPIDI max Thermostop (preassembled)
- 3... SPIDI max wall bracket
- 4... SPIDI max washer
- 5... Fixing element (according to wall condition)
- 6... Insulation
- 8... Support profile vertical
- 10... Facade cladding

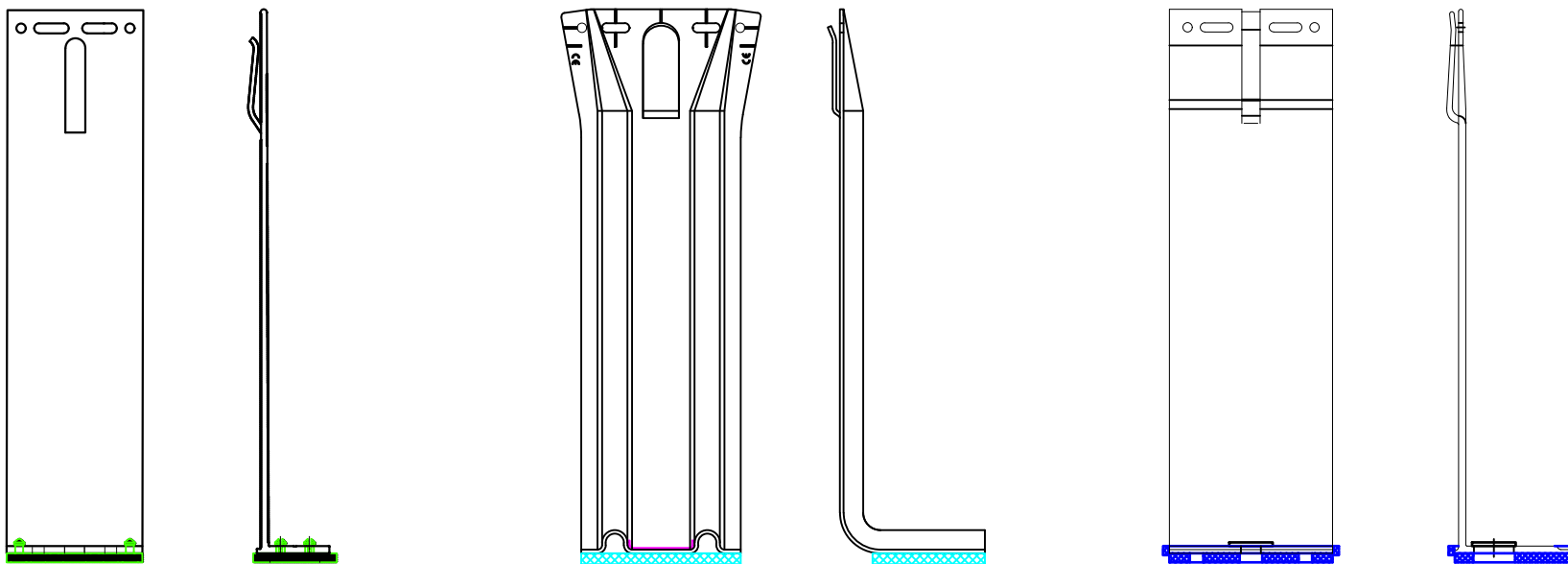
C... profile distance
 e... brackets distance
 ea... brackets distance



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Drawing Title		ELEMENTAL METAL DECK - FACE FIX SYSTEM LAYOUT									
Drawing No.	EL-SB-SHMD01	System:	EL-Screw Metal Deck	Size:	A4	Scale:	NTS	Drawn:	V.C.	Rev.	01

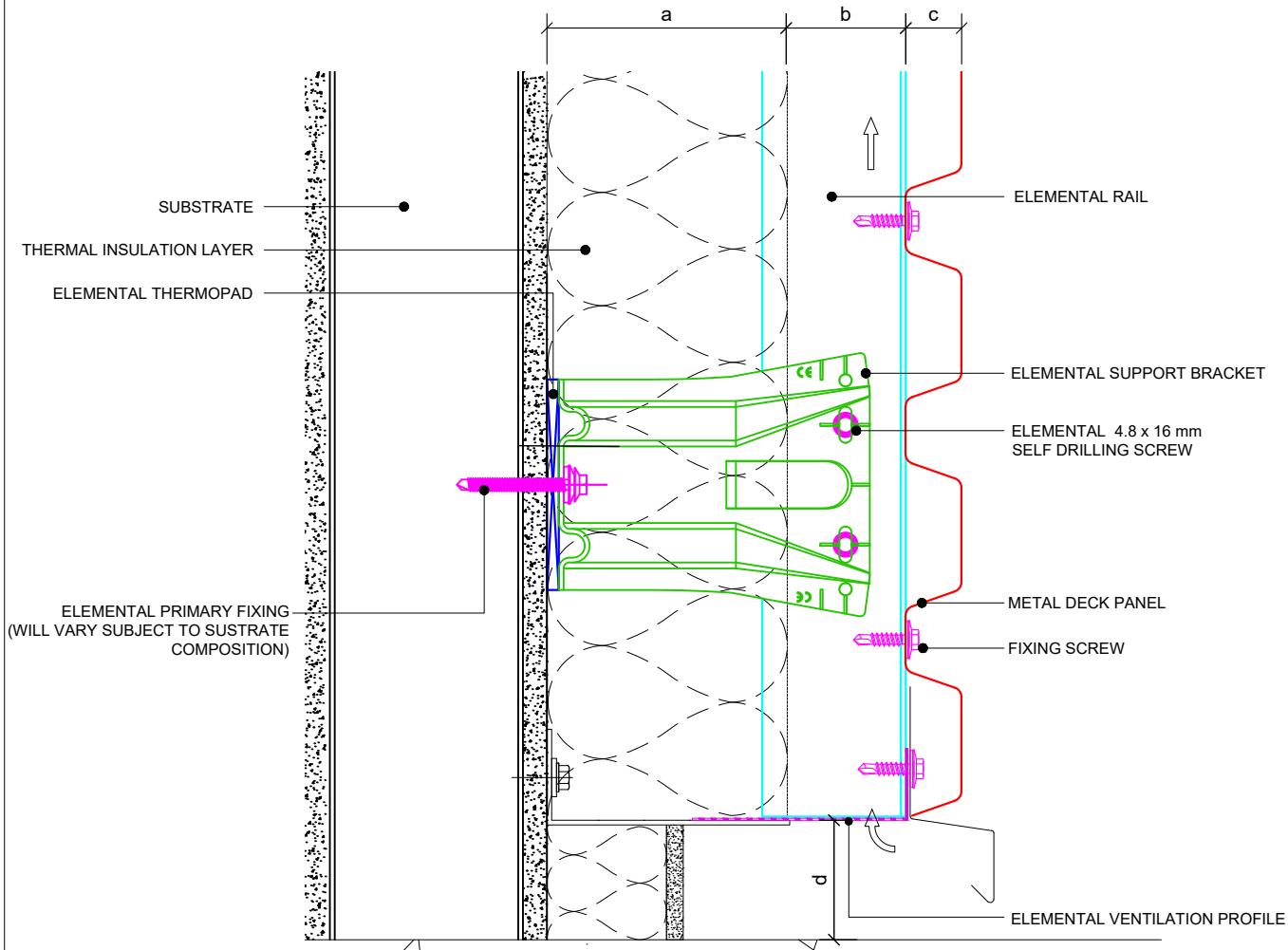
BRACKET TYPES AVAILABLE FROM ELEMENTAL



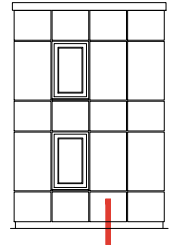
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Drawing Title	BRACKET TYPES AVAILABLE										
Drawing No.	EL-SB-SHMD02	System:	EL-Screw Metal Deck	Size:	A4	Scale:	NTS	Drawn:	V.C.	Rev.	01

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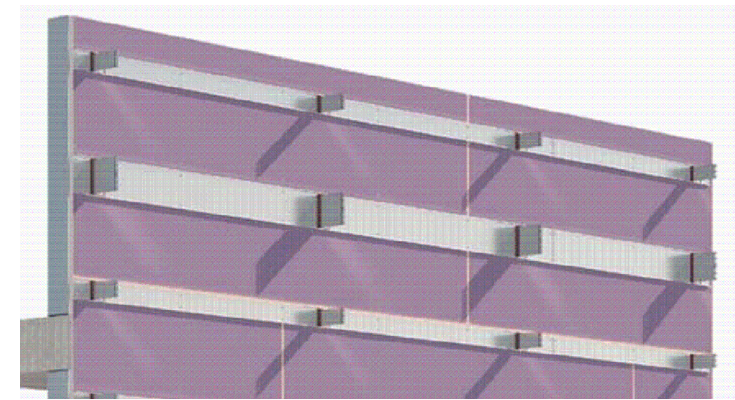
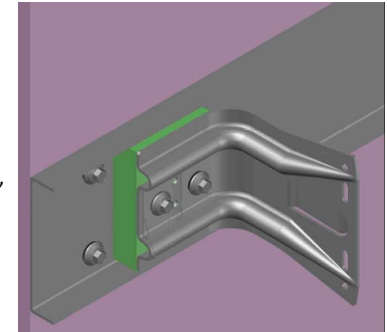


Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
d	Base distance - Minimum 50mm
a+b	Clad Zone



Note:

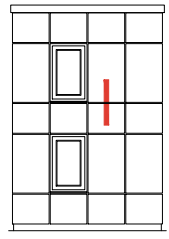
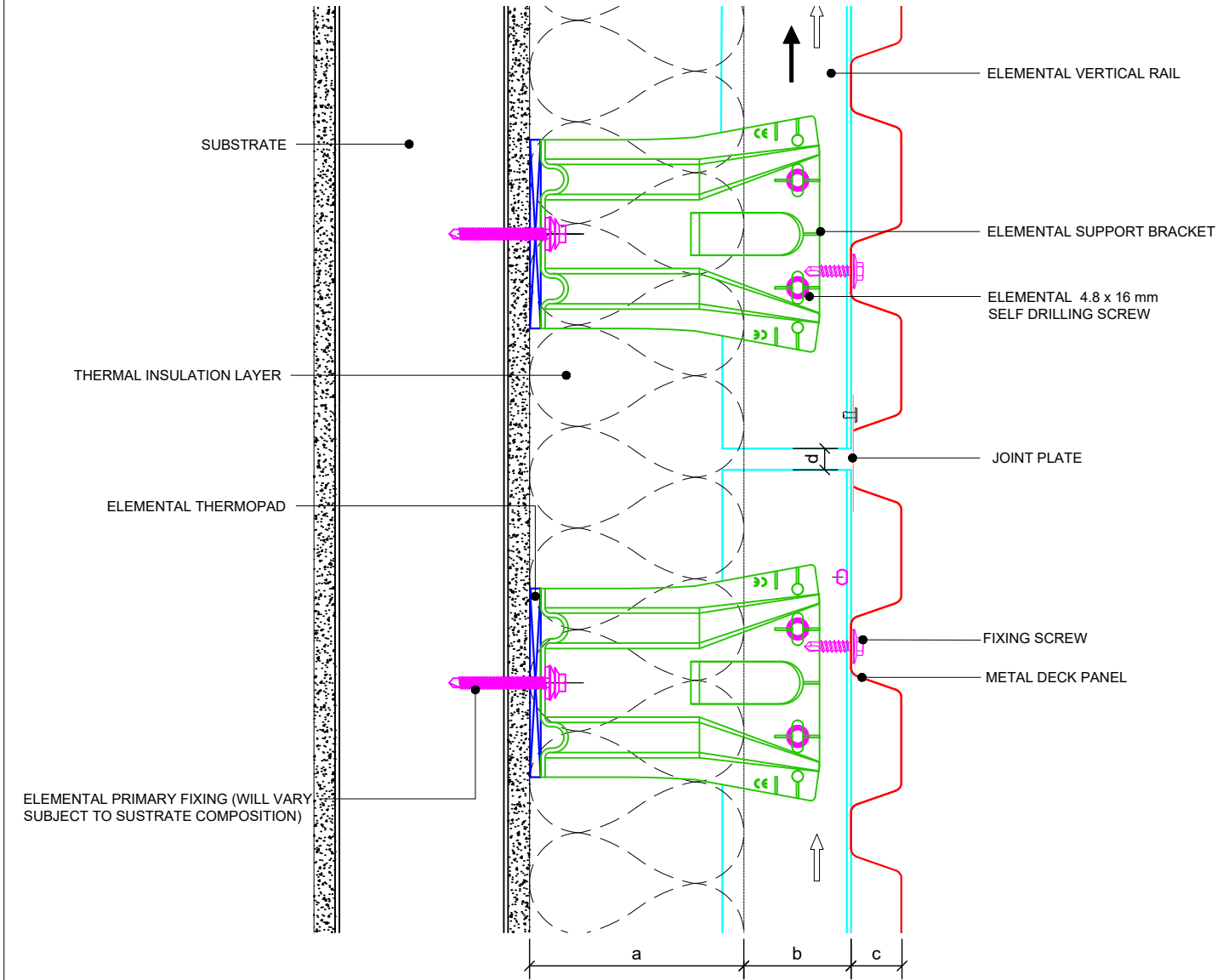
"In the event that the subframe brackets do not line up with the vertical steel studs a horizontal galvanised stud maybe required"



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Drawing Title		ELEMENTAL METAL DECK - FACE FIX BASE DETAIL									
Drawing No.	EL-SB-SHMD03	System:	EL-Screw Metal Deck	Size:	A4	Scale:	NTS	Drawn:	V.C.	Rev.	01

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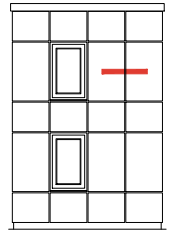
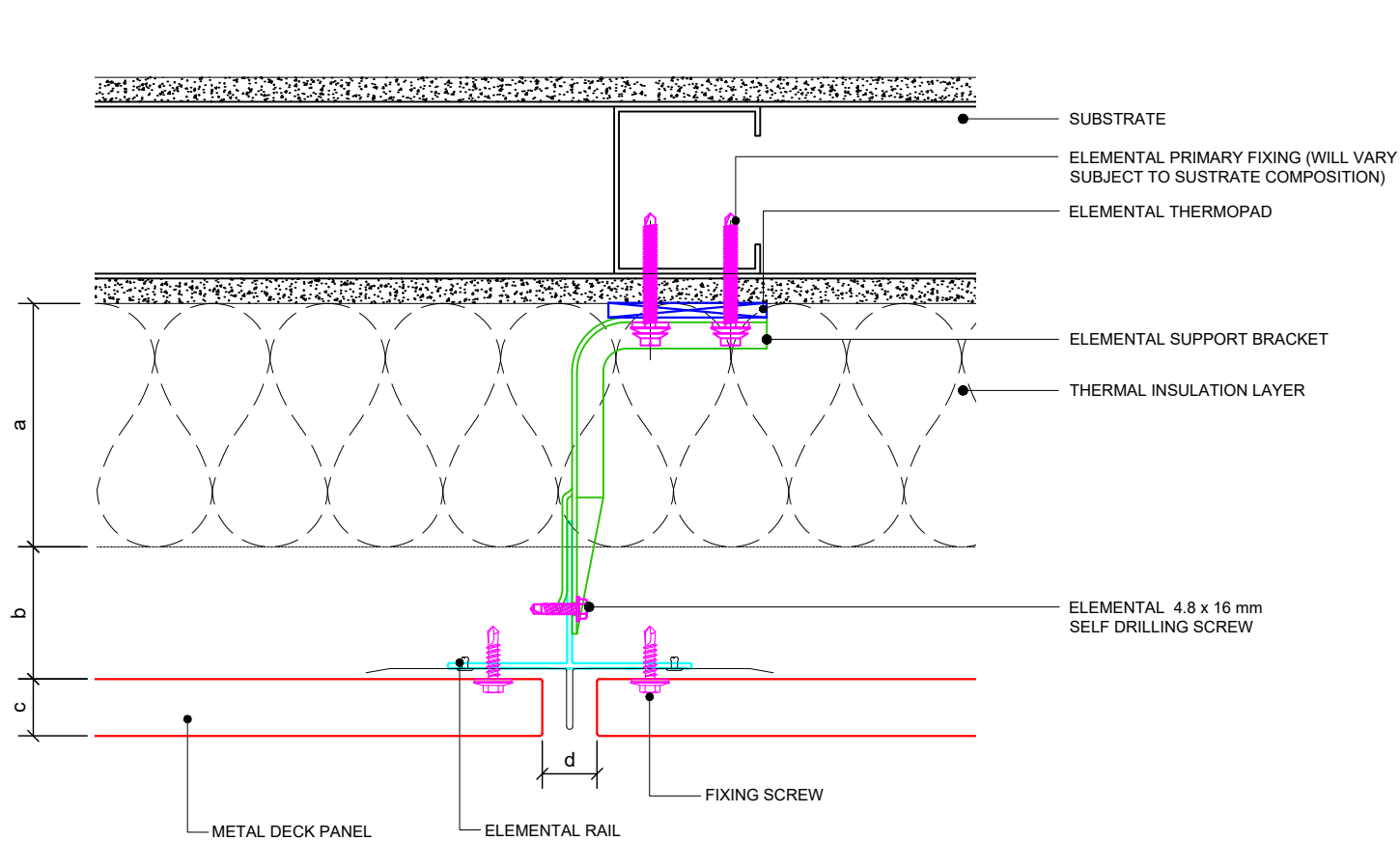


Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
d	Rail Joint - Minimum 10mm (cladding panels should not be fixed to two adjacent vertical rails)
a+b	Clad Zone

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Drawing Title	ELEMENTAL METAL DECK - FACE FIX HORIZONTAL PANEL JOINT DETAIL										
Drawing No.	EL-SB-SHMD04	System:	EL-Screw Metal Deck	Size:	A4	Scale:	NTS	Drawn:	V.C.	Rev.	01

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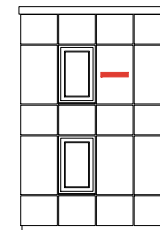
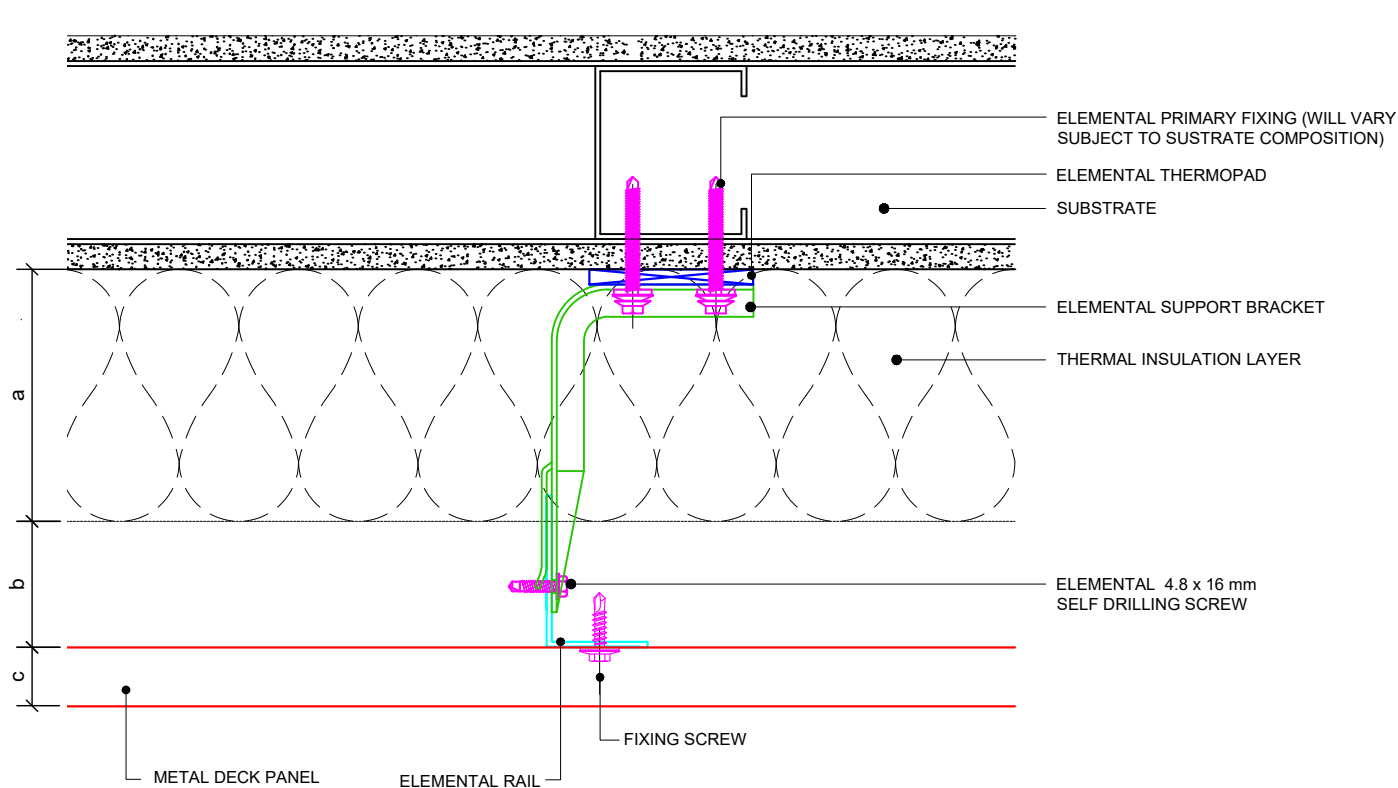
Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
d	Panel Joint - 10 mm min.
a+b	Clad Zone



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Drawing Title	ELEMENTAL METAL DECK - FACE FIX VERTICAL PANEL JOINT DETAIL										
Drawing No.	EL-SB-SHMD05	System:	EL-Screw Metal Deck	Size:	A4	Scale:	NTS	Drawn:	V.C.	Rev.	01

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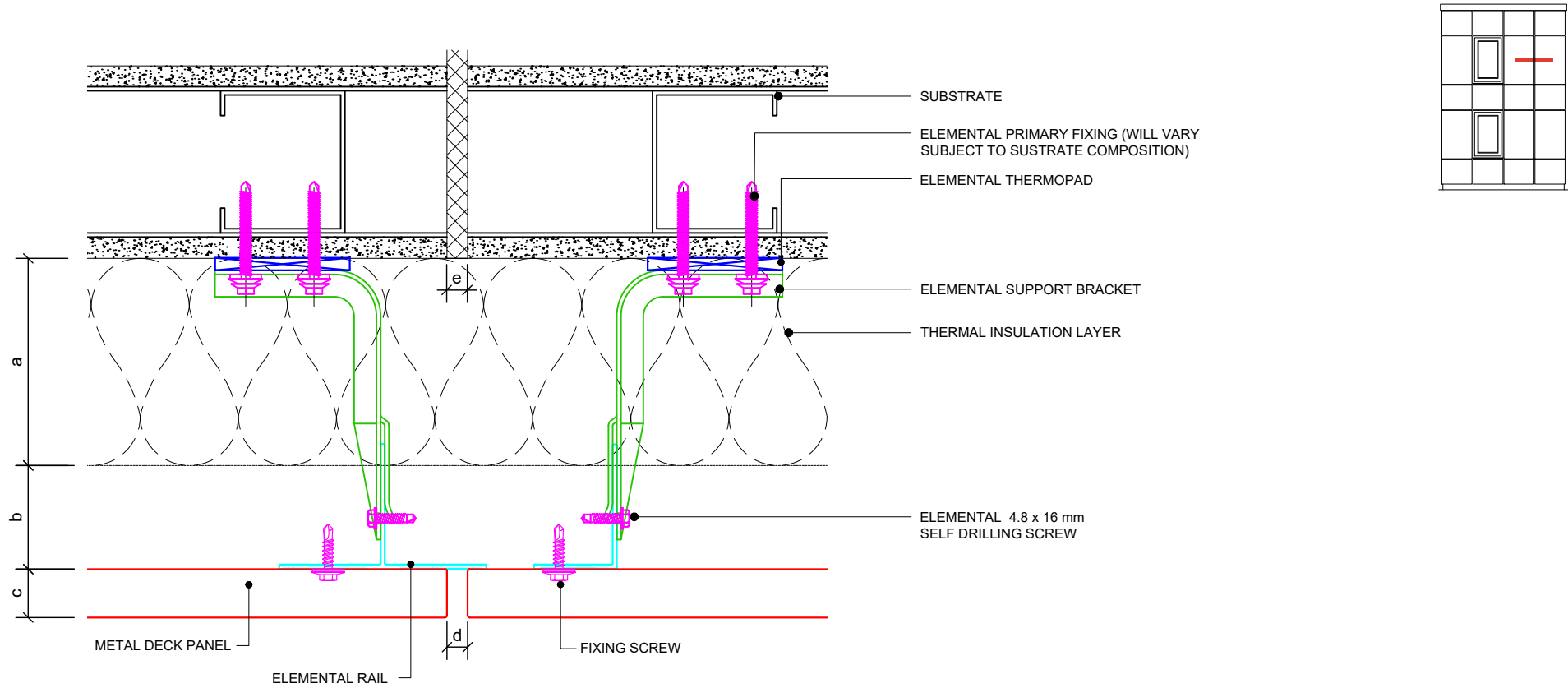
Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
a+b	Clad Zone



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Drawing Title	ELEMENTAL METAL DECK - FACE FIX INTERMEDIATE SUPPORT DETAIL										
Drawing No.	EL-SB-SHMD06	System:	EL-Screw Metal Deck	Size:	A4	Scale:	NTS	Drawn:	V.C.	Rev.	01

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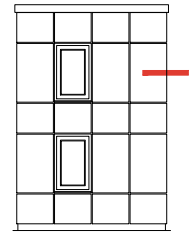
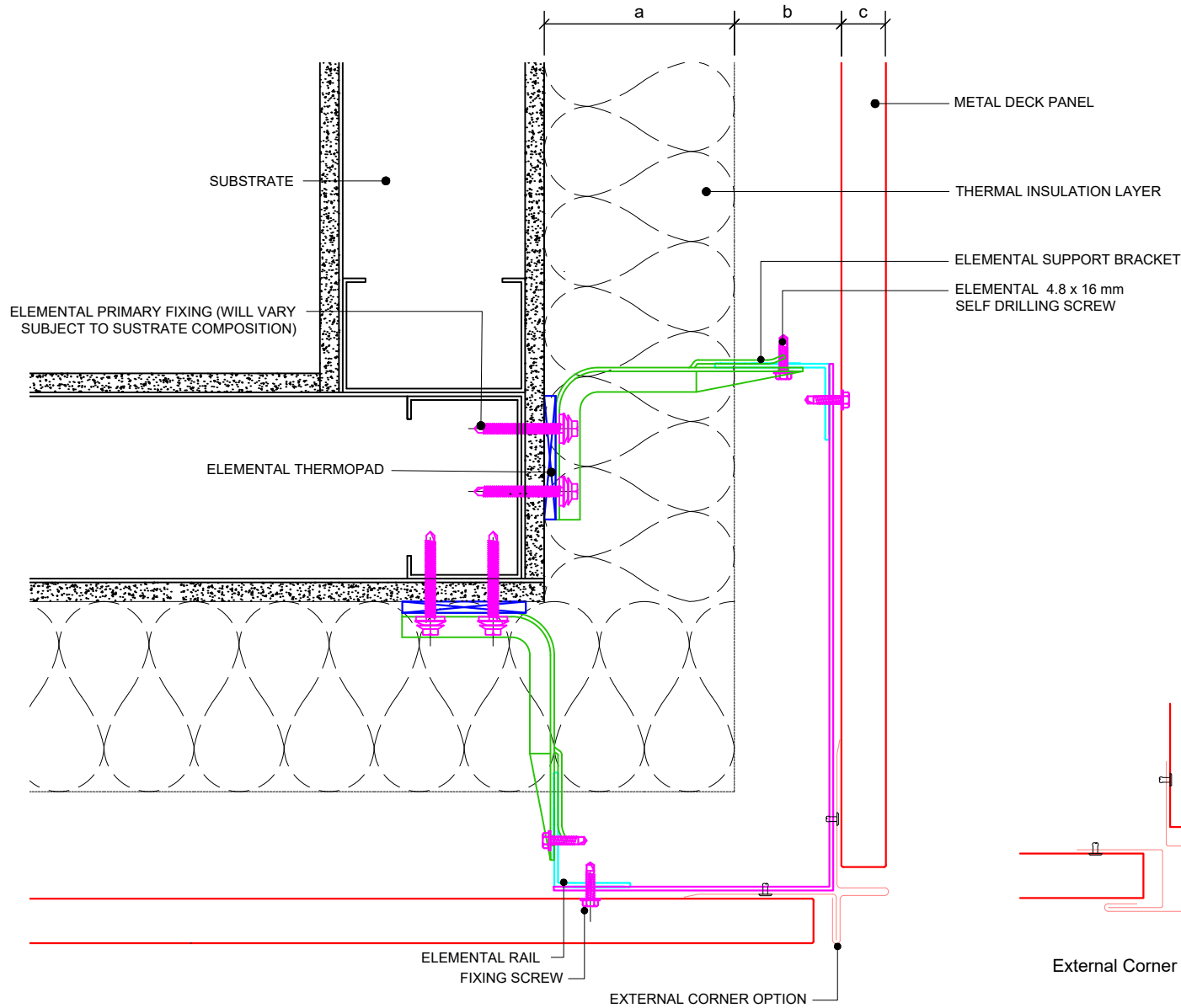
Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
d	Panel Joint - 8 mm min./ to match building movement joint
e	Building Structural Movement Joint
a+b	Clad Zone



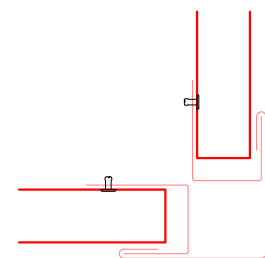
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Drawing Title	ELEMENTAL METAL DECK - FACE FIX BUILDING STRUCTURAL MOVEMENT JOINT										
Drawing No.	EL-SB-SHMD07	System:	EL-Screw Metal Deck	Size:	A4	Scale:	NTS	Drawn:	V.C.	Rev.	01

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Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
a+b	Clad Zone



External Corner Option



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Drawing Title

**ELEMENTAL METAL DECK - FACE FIX
 EXTERNAL CORNER DETAILS**

Drawing No.

EL-SB-SHMD08

System:

**EL-Screw
 Metal Deck**

Size:

A4

Scale:

NTS

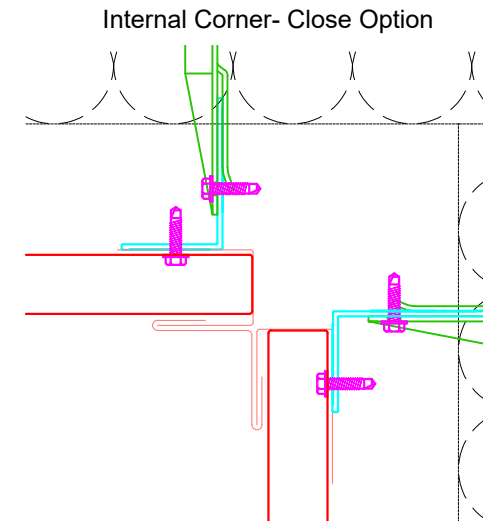
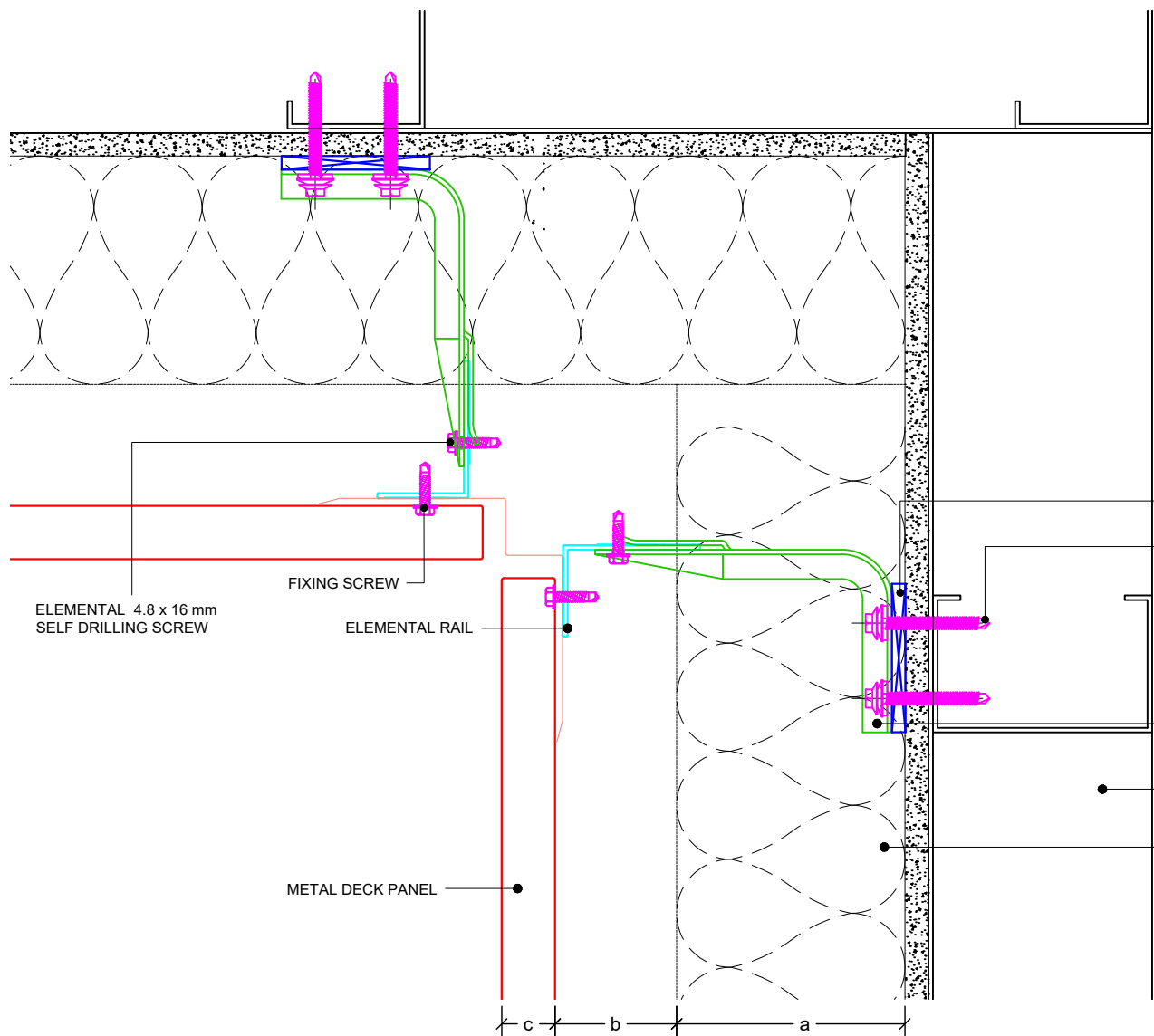
Drawn:

V.C.

Rev.

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ELEMENTAL 4.8 x 16 mm SELF DRILLING SCREW

FIXING SCREW

ELEMENTAL RAIL

METAL DECK PANEL

ELEMENTAL THERMOPAD

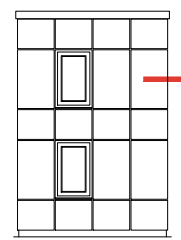
ELEMENTAL PRIMARY FIXING (WILL VARY SUBJECT TO SUSTRATE COMPOSITION)

ELEMENTAL SUPPORT BRACKET

SUBSTRATE

THERMAL INSULATION LAYER

c b a



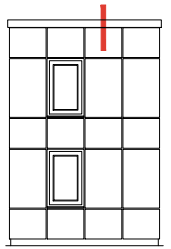
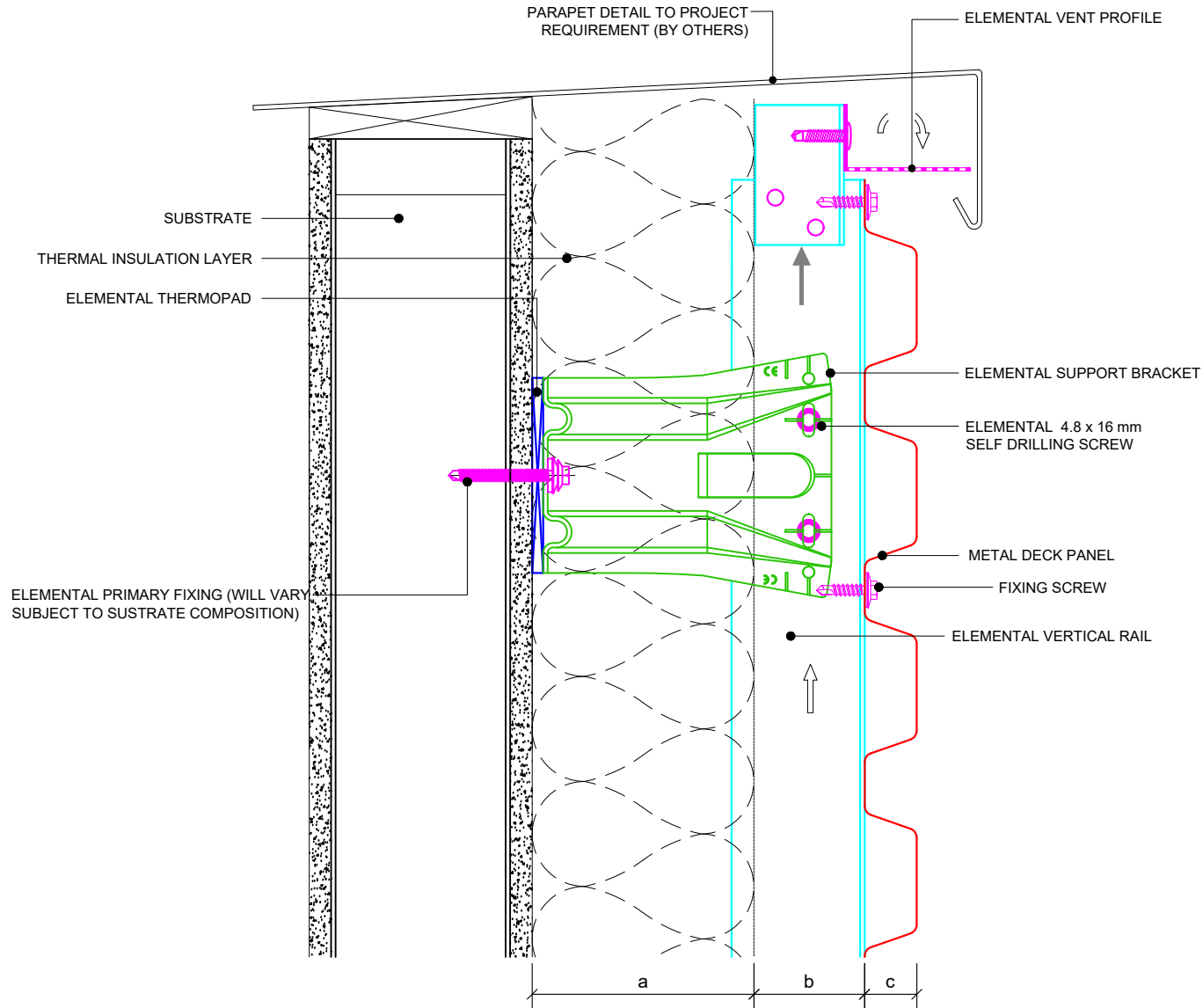
Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
a+b	Clad Zone



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Drawing Title	ELEMENTAL METAL DECK - FACE FIX INTERNAL CORNER-OPEN JOINT OPTION										
Drawing No.	EL-SB-SHMD09	System:	EL-Screw Metal Deck	Size:	A4	Scale:	NTS	Drawn:	V.C.	Rev.	01

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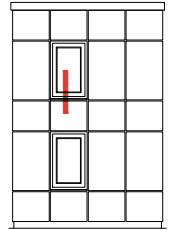
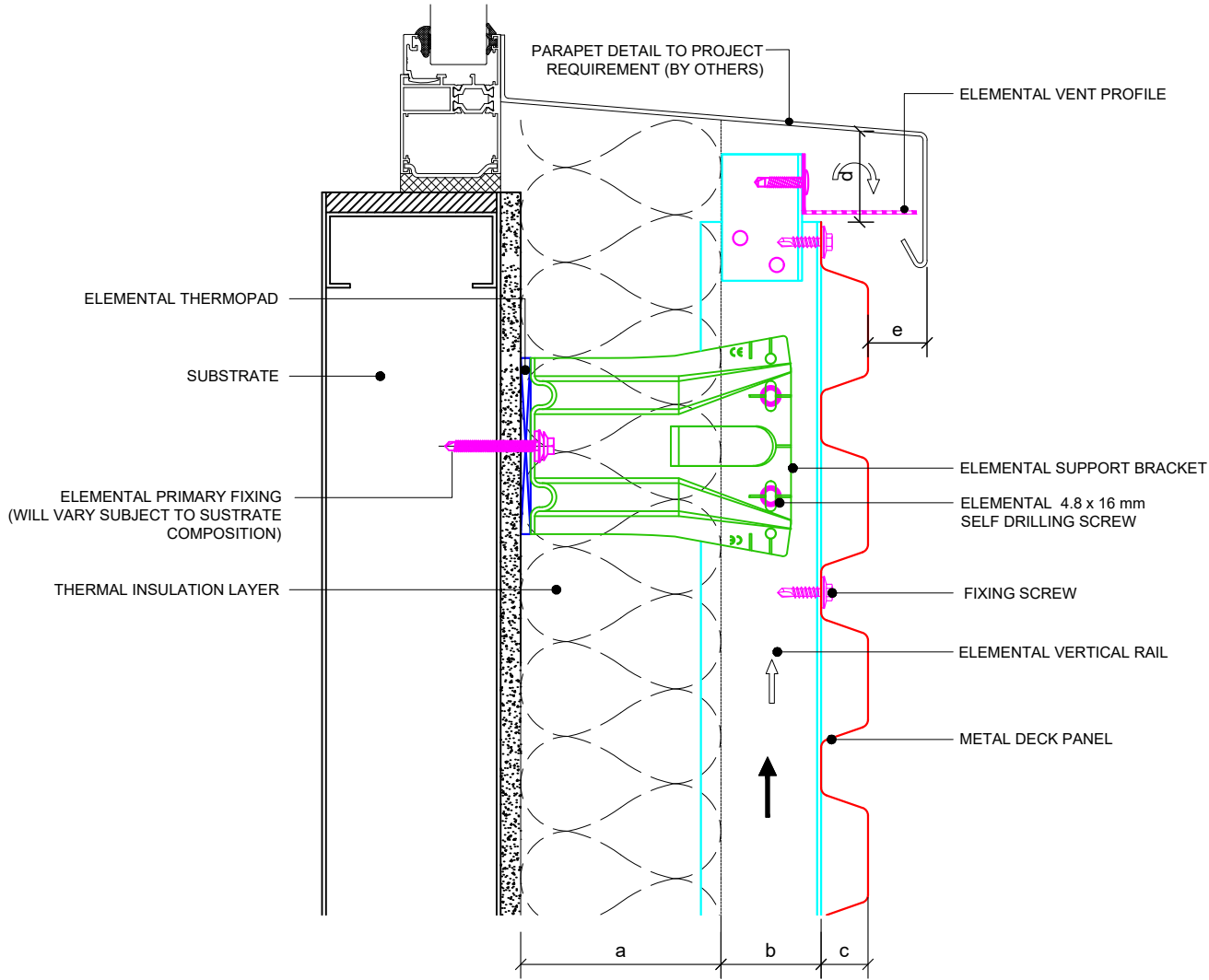
Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
a+b	Clad Zone



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Drawing Title	ELEMENTAL METAL DECK - FACE FIX GENERIC PARAPET DETAIL										
Drawing No.	EL-SB-SHMD10	System:	EL-Screw Metal Deck	Size:	A4	Scale:	NTS	Drawn:	V.C.	Rev.	01

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Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
d	Ventilation inlet / outlet gaps
e	≥ 40mm
a+b	Clad Zone



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Drawing Title

**ELEMENTAL METAL DECK - FACE FIX
 WINDOW CILL DETAIL**

Drawing No.

EL-SB-SHMD11

System:

**EL-Screw
 Metal Deck**

Size:

A4

Scale:

NTS

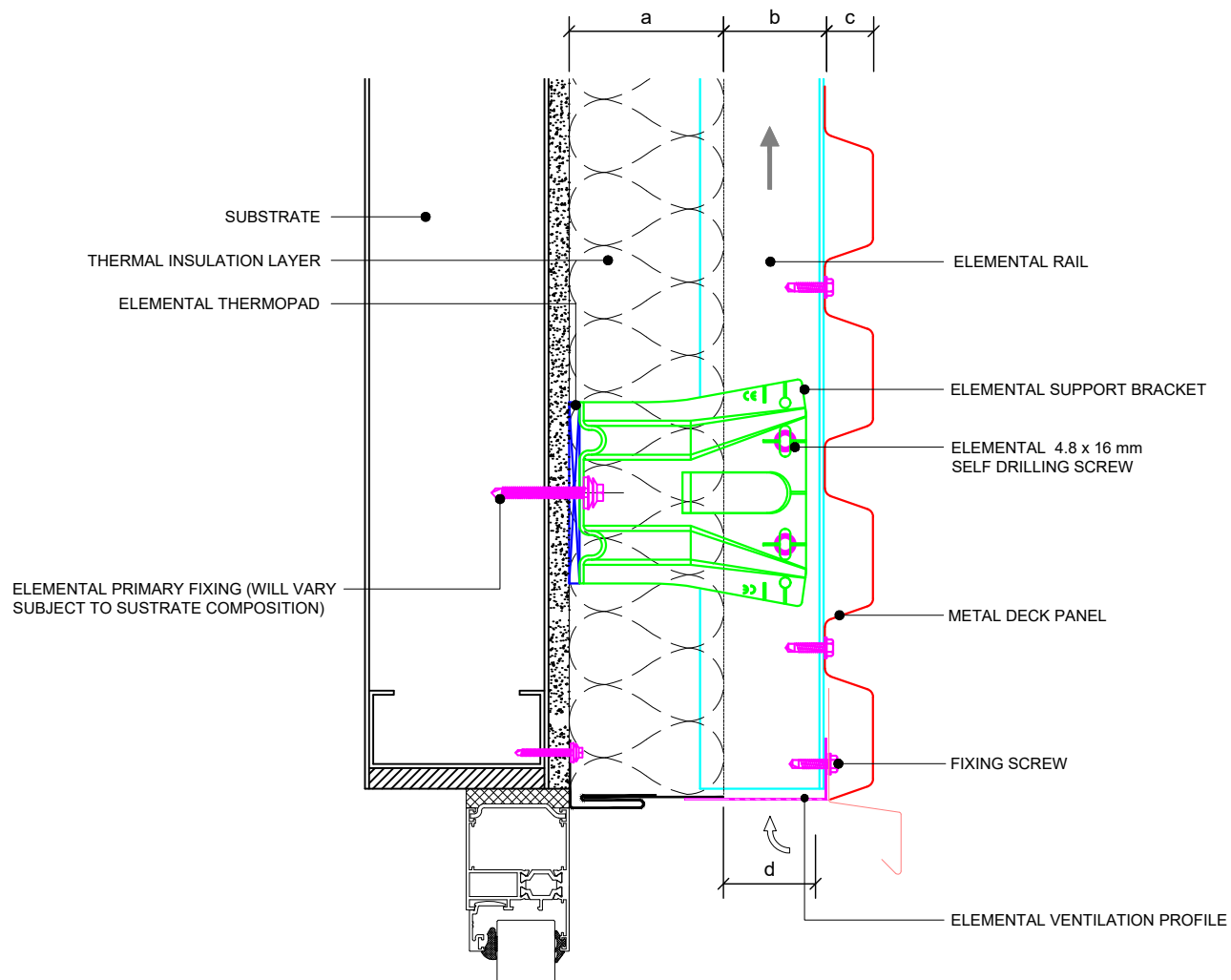
Drawn:

V.C.

Rev.

01

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Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
d	Ventilation inlet / outlet gaps
a+b	Clad Zone



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Drawing Title

**ELEMENTAL METAL DECK - FACE FIX
 WINDOW HEAD DETAIL**

Drawing No.

EL-SB-SHMD12

System:

**EL-Screw
 Metal Deck**

Size:

A4

Scale:

NTS

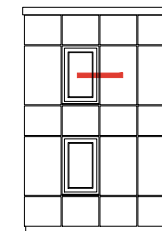
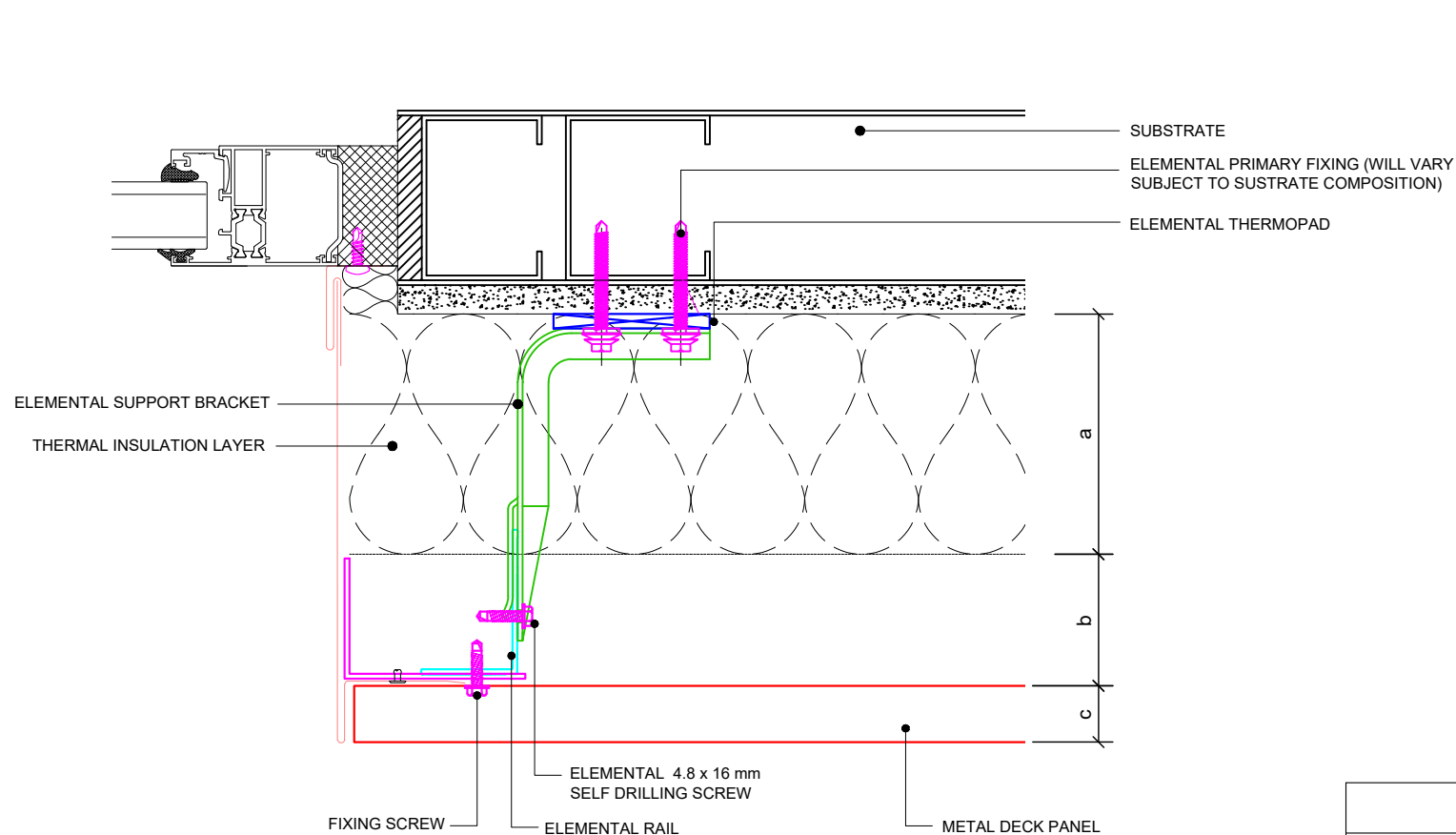
Drawn:

V.C.

Rev.

01

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Dimensions	
a	Insulation thickness (varies)
b	Free vertical ventilation gap
c	Panel nominal thickness
a+b	Clad Zone



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Drawing Title

**ELEMENTAL METAL DECK - FACE FIX
 WINDOW JAMB REVEAL DETAIL**

Drawing No.

EL-SB-SHMD13

System:

**EL-Screw
 Metal Deck**

Size:

A4

Scale:

NTS

Drawn:

V.C.

Rev.

01