Facade System



Ventilated facade

EL-SB-MD&SS

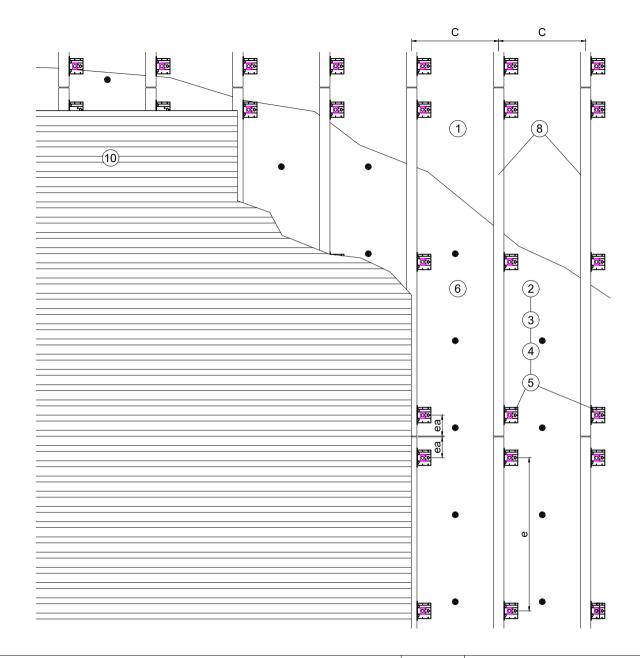
Elemental SFS-Bracket-Metal Deck & Standing Seam

METAL DECK & STANDING SEAM

2- Layers- Metal substructure

Contents:

EL-SB-MD&SS01	SYSTEM LAYOUT
EL-SB-MD&SS02	BRACKET TYPES AVAILABLE
EL-SB-MD&SS03	BASE DETAIL
EL-SB-MD&SS04	INTERMEDIATE SUPPORT DETAIL
EL-SB-MD&SS05	EXTERNAL CORNER DETAIL
EL-SB-MD&SS06	INTERNAL CORNER DETAIL
EL-SB-MD&SS07	GENERIC PARAPET DETAIL
EL-SB-MD&SS08	WINDOW CILL DETAIL
EL-SB-MD&SS09	WINDOW HEAD DETAIL
EL-SB-MD&SS10	WINDOW JAMB REVEAL DETAIL



- 1... Wall
- 2... Elemental Thermostop (preassembled)
- 3... Elemental wall bracket
- 4... Elemental washer
- 5... Fixing element (according to wall condition)

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- 6... Insulation
- 8... Support profile vertical
- 10... Facade cladding

C... profile distance

e... brackets distance

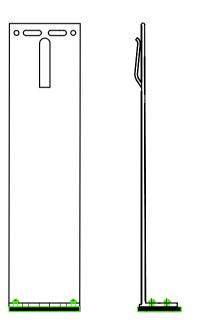
ea. brackets distance

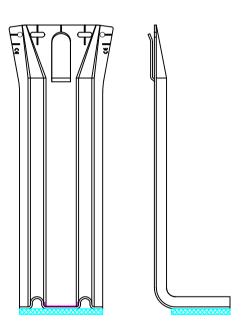


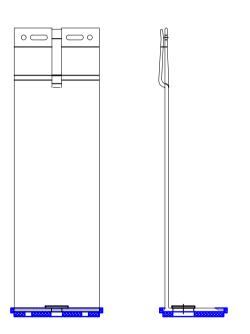
Dublin 18, D18 A264 Phone: +353 (0)1 293 8951 Email: info@elemental.ie

Drawing Title	ELEMENTAL METAL DECK & STANDING SEAM SYSTEM LAYOUT									
Drawing No.	EL-SB-MD&SS01	System:	EL-Metal Deck & Standing Seam	Size:	A4	Scale:	NTS	Drawn:	v.c.	Rev

BRACKET TYPES AVAILABLE FROM ELEMENTAL





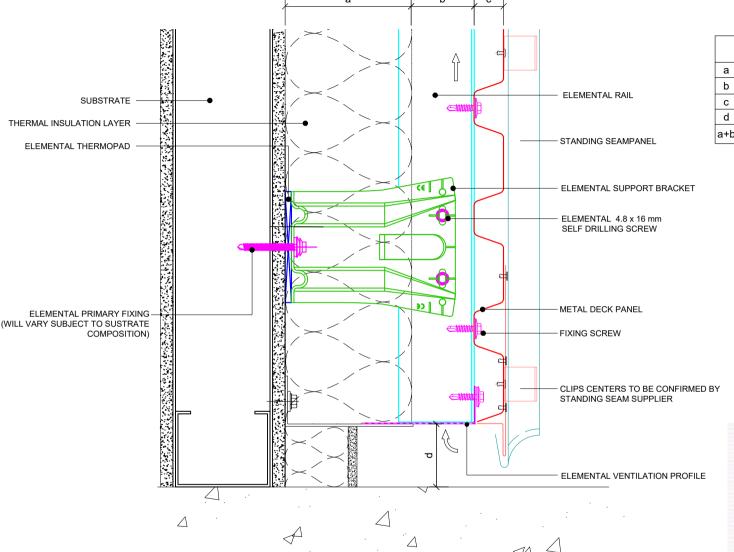




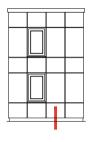
Elemental Architectural Cladding Specialists

•	Cubes Offices, Beacon South Quarter,
	Sandyford
	Dublin 18, D18 A264
	Phone: +353 (0)1 293 8951
	Email: info@elemental ie

Drawing Title			BRACKET	TYPES	S AVA	ILABLE	Ē				
Drawing No.	EL-SB-MD&SS02	System:	EL-Metal Deck & Standing Seam	Size:	A4	Scale:	NTS	Drawn:	v.c.	Rev.	01

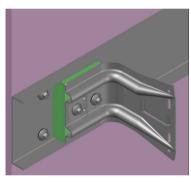


	Dimensions
а	Insulation thickness (varies)
b	Free vertical ventilation gap
С	Panel nominal thickness
d	Base distance - Minimum 50mm
a+b	Clad Zone

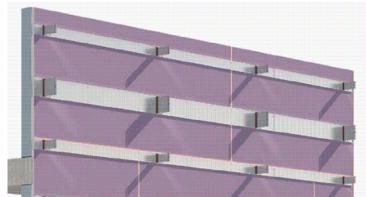


Note:

"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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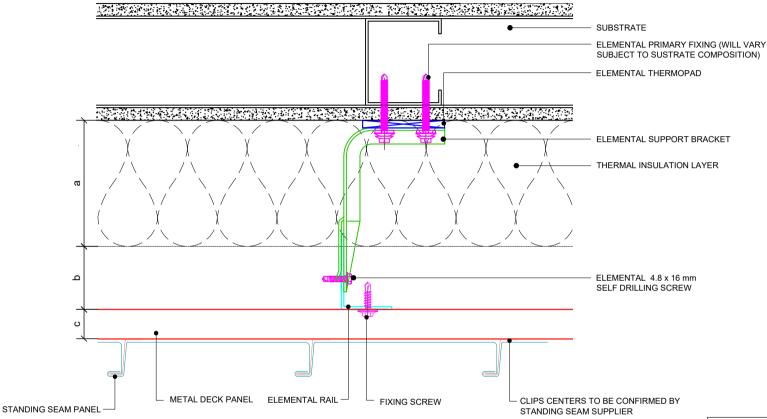
Elemental Architectural Cladding Specialists

#29 The Cubes Offices, Beacon South Quarter, Sandyford

Dublin 18, D18 A264 Phone: +353 (0)1 293 8951 Email: info@elemental.ie

Drawing Title	ELEMENTAL METAL DECK & STANDING SEAM BASE DETAIL									
Drawing No.	EL-SB-MD&SS03	System:	EL-Metal Deck &	Size:	A4	Scale:	NTS	Drawn:	v.c.	Rev.

Standing Seam



	_	

V.C. Rev.

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

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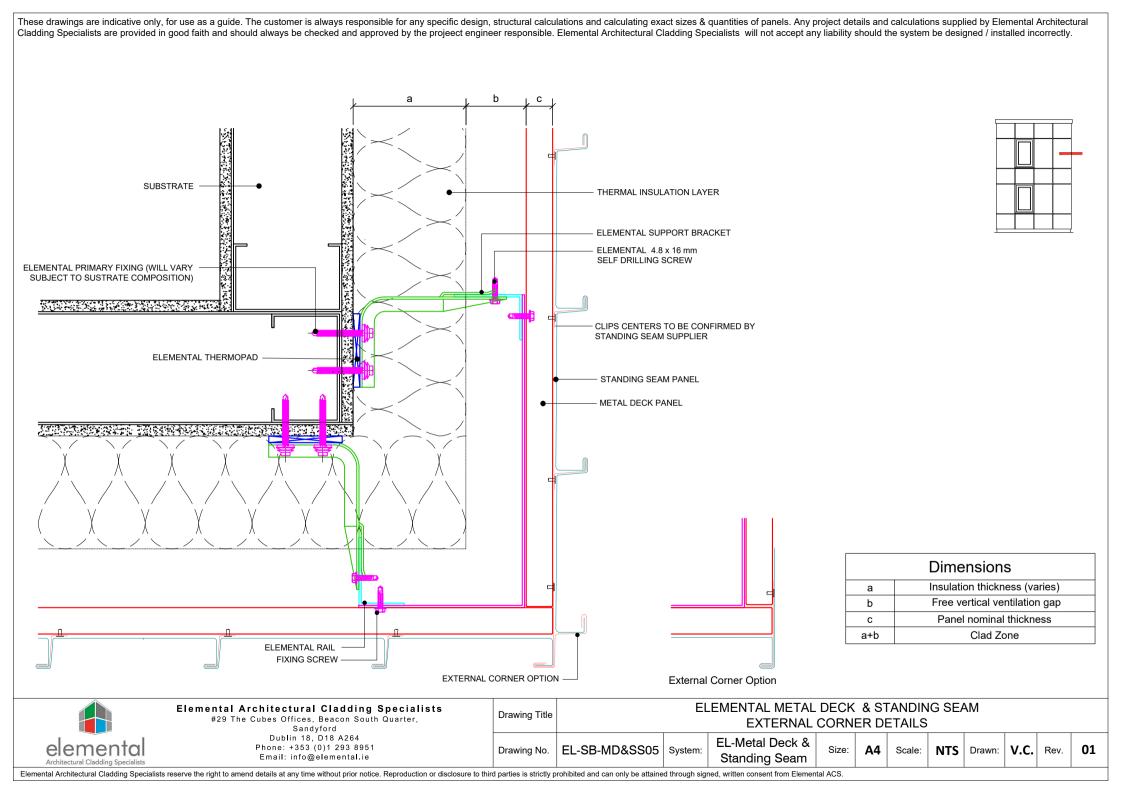
Elemental Architectural Cladding Specialists

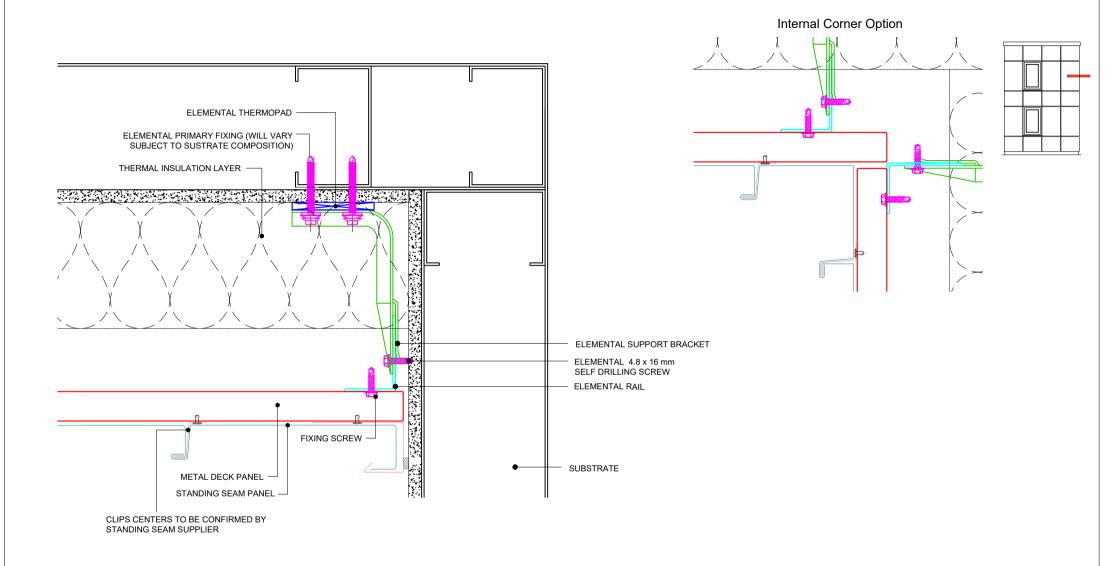
#29 The Cubes Offices, Beacon South Quarter, Sandyford Dublin 18, D18 A264

Dublin 18, D18 A264 Phone: +353 (0)1 293 8951 Email: info@elemental.ie

Drawing Title	ELEMENTAL METAL DECK & STANDING SEA						EAM	
			INTERMEDIA	ALE OF	PPOI	KIDEI	AIL	
Drawing No.	EL-SB-MD&SS04	System:	EL-Metal Deck &	Size:	A4	Scale:	NTS	Drawn:

Standing Seam





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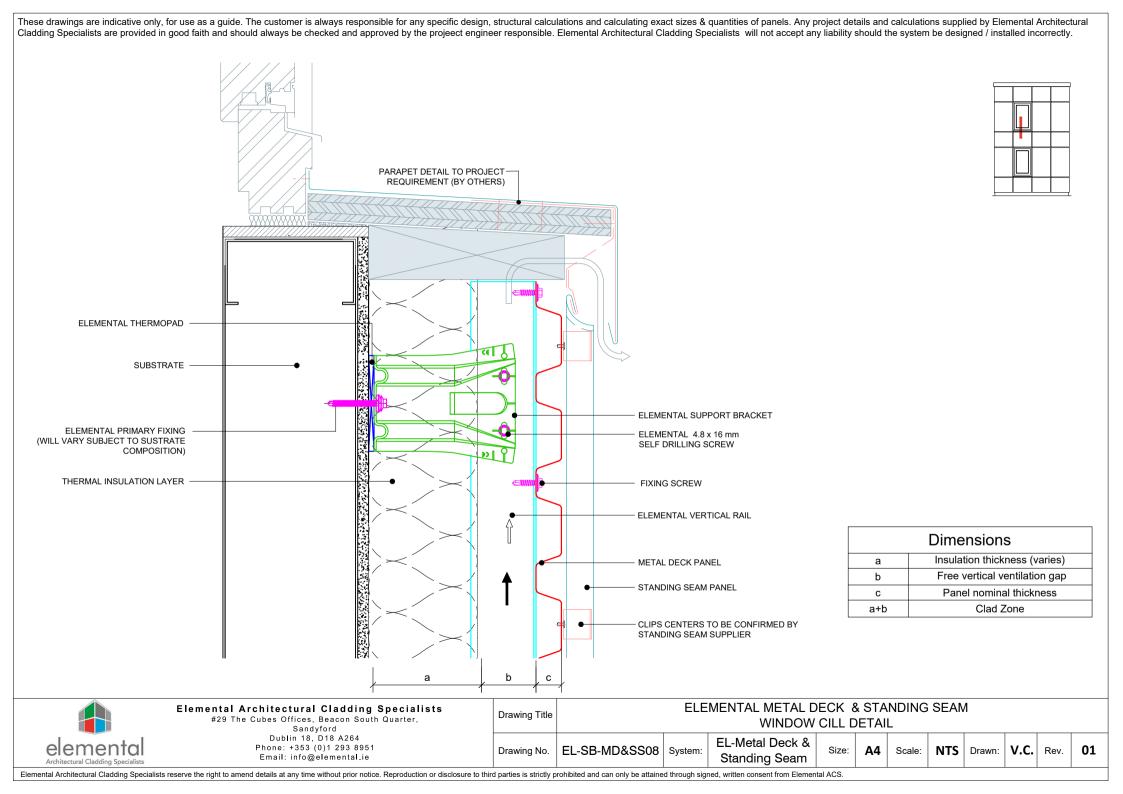
#29 The Cubes Offices, Beacon South Quarter, Sandyford Dublin 18, D18 A264

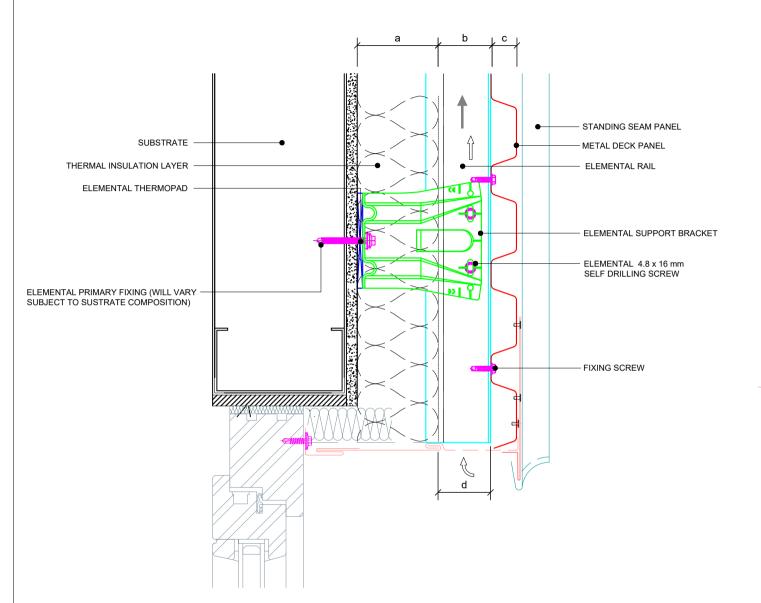
Sandyrord	
Dublin 18, D18 A264	
Phone: +353 (0)1 293 8951	
Email: info@elemental.ie	

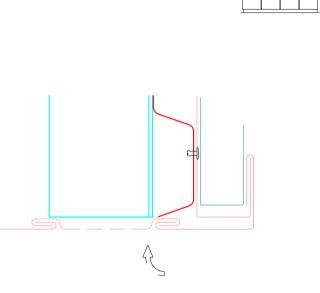
Drawing Title	ELEMENTAL METAL DECK & STANDING SEAM INTERNAL CORNER-OPEN JOINT OPTION										
Drawing No.	EL-SB-MD&SS06	System:	EL-Metal Deck &	Size:	A4	Scale:	NTS	Drawn:	v.c.	Rev.	

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These drawings are indicative only, for use as a guide. The customer is always responsible for any specific design, structural calculations and calculating exact sizes & quantities of panels. Any project details and calculations supplied by Elemental Architectural Cladding Specialists are provided in good faith and should always be checked and approved by the project engineer responsible. Elemental Architectural Cladding Specialists will not accept any liability should the system be designed / installed incorrectly. PARAPET DETAIL TO PROJECT REQUIREMENT (BY OTHERS) SUBSTRATE THERMAL INSULATION LAYER ELEMENTAL THERMOPAD **ELEMENTAL SUPPORT BRACKET** ELEMENTAL 4.8 x 16 mm SELF DRILLING SCREW FIXING SCREW METAL DECK PANEL ELEMENTAL PRIMARY FIXING (WILL VARY SUBJECT TO SUSTRATE COMPOSITION) ELEMENTAL VERTICAL RAIL **Dimensions** Insulation thickness (varies) STANDING SEAM PANEL Free vertical ventilation gap С Panel nominal thickness a+b Clad Zone а b **ELEMENTAL METAL DECK & STANDING SEAM** Elemental Architectural Cladding Specialists **Drawing Title** #29 The Cubes Offices, Beacon South Quarter, **GENERIC PARAPET DETAIL** Sandyford Dublin 18, D18 A264 EL-Metal Deck & Phone: +353 (0)1 293 8951 Drawing No. EL-SB-MD&SS07 System: Size: Α4 NTS Drawn: V.C. Rev. 01 Scale: Standing Seam Email: info@elemental.ie Elemental Architectural Cladding Specialists reserve the right to amend details at any time without prior notice. Reproduction or disclosure to third parties is strictly prohibited and can only be attained through signed, written consent from Elemental ACS.







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

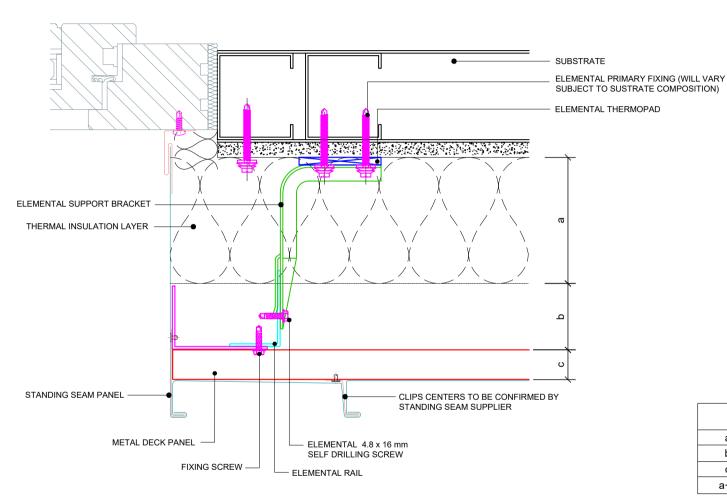


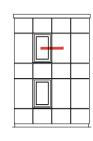
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Drawing Title	ELEMENTAL METAL DECK & STANDING SEAM WINDOW HEAD DETAIL										
Drawing No.	EL-SB-MD&SS09	System:	EL-Metal Deck & Standing Seam	Size:	A4	Scale:	NTS	Drawn:	v.c.	Rev.	01





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

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Drawing Title	ELEMENTAL METAL DECK - FACE FIX
Drawing Title	WINDOW JAMB REVEAL DETAIL

EL-SB-MD&SS10 System: Drawing No.

EL-Metal Deck & Standing Seam

Size: Α4

Scale:

NTS Drawn: V.C. Rev.

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