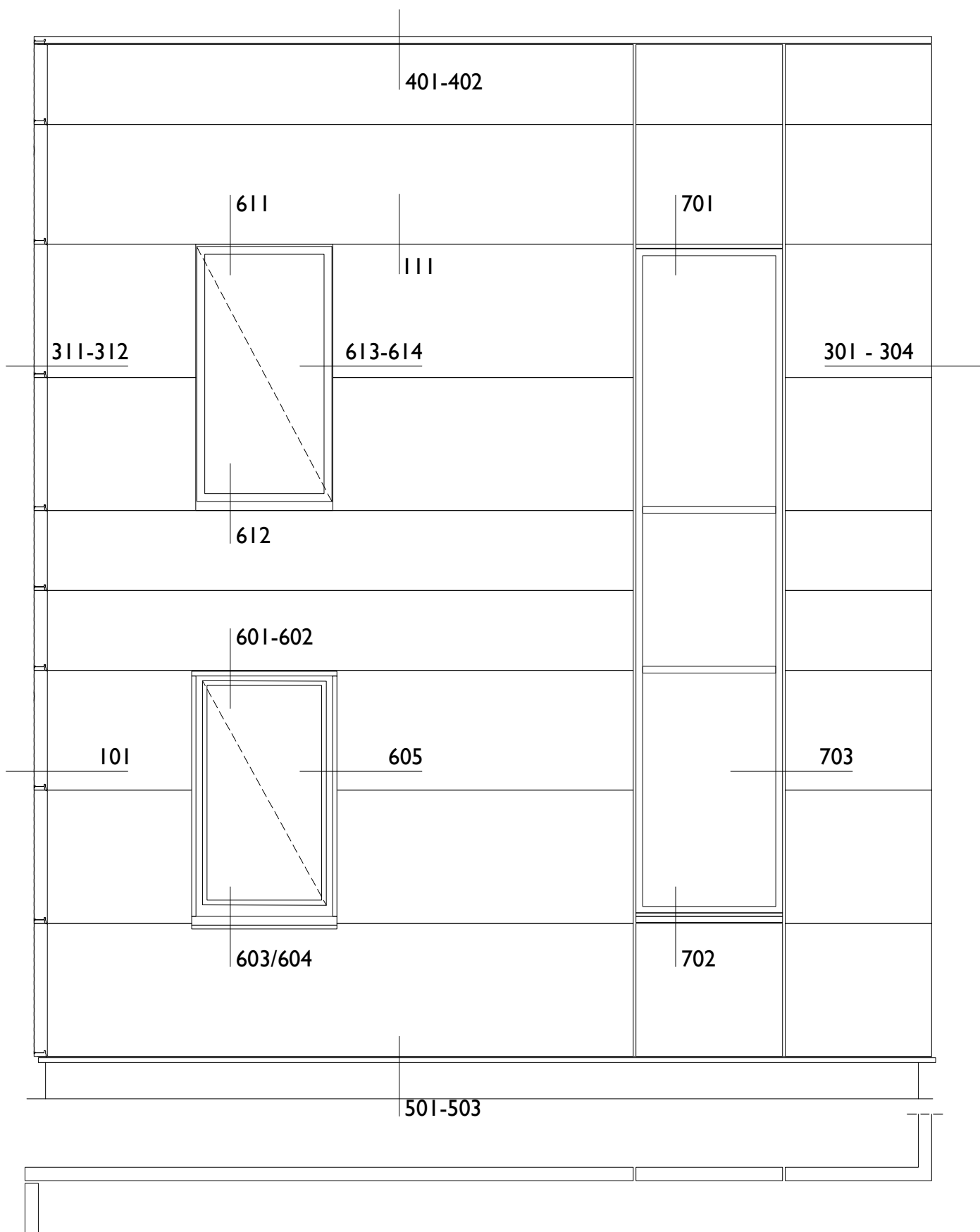




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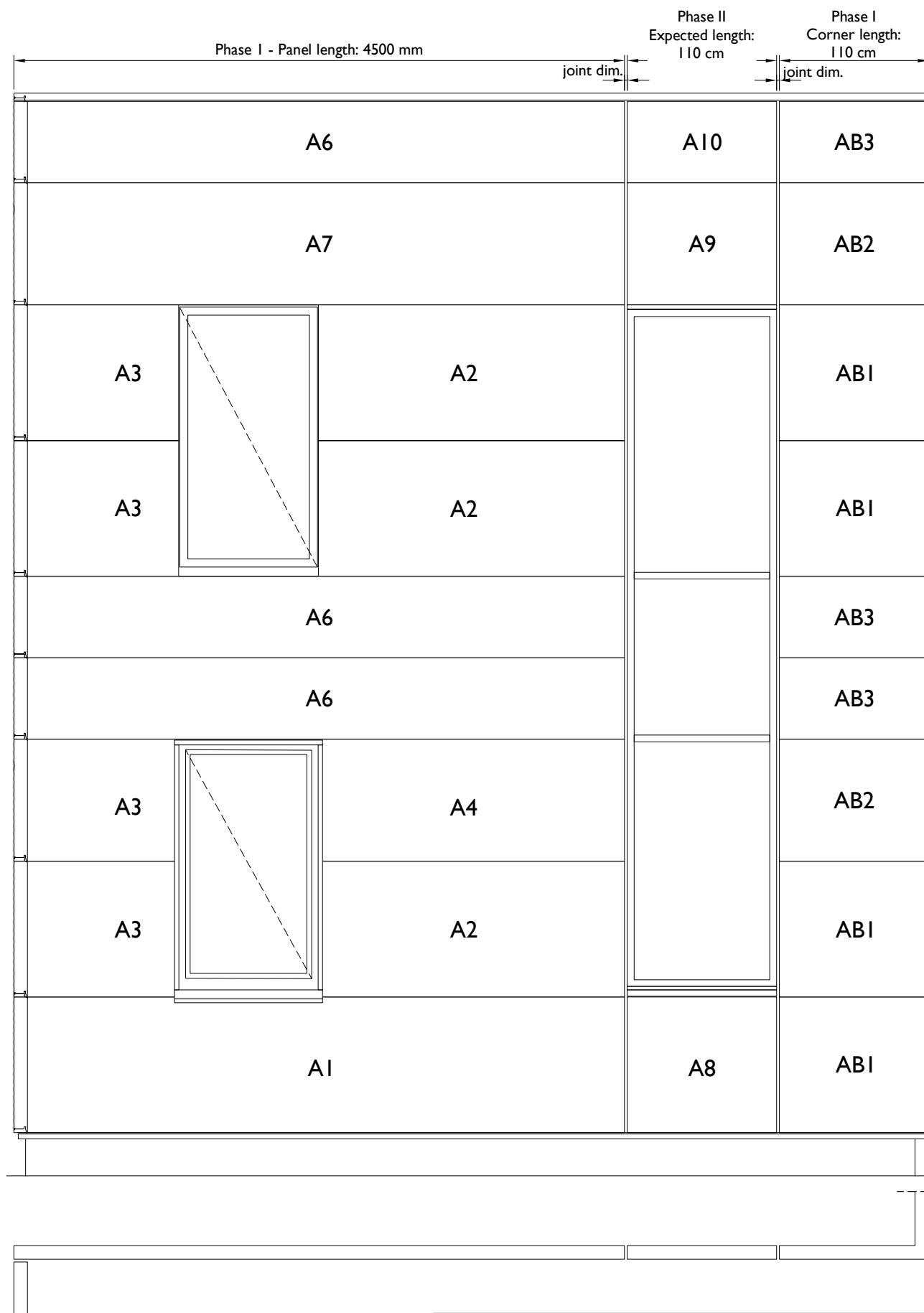
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Project: General Construction Details			Kingspan Facades Europe	
System: Evolution				
Drawing Title: Facade layout			www.kingspanfacades.com	
Drawn By: MS	Date: 2015-09-25			
Drawing N.: KF-EVO-001-xxxx-04	Rev: AH		© Kingspan 2014	



A1- panel reference
A- facade
I- dimensions
AB1- corner reference
AB- facades
I- dimensions

Project: General Construction Details

System: Evolution

Drawing Title: Facade layout - order form example

Drawn By: BB

Date: 2015-09-25

Drawing N.: KF-EVO-002-xxxx-04

Rev: AH

Kingspan Facades Europe

www.kingspanfacades.com
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Reveal 0 mm

Module width (M) 1000

Backing tray
IPN core
Top sheet

Reveal 0 mm

Module width (M) 900

Reveal 0 mm

Module width (M) 600

D
80/100/120/150

Reveal 10/20/50 mm

M 600/900/1000

Factory
applied
gasket

D
80/100/120/150

D
80/100/120/150

0 100mm

Project: General Construction Details

System: Evolution

Drawing Title: Vertical section

Drawn By: BB

Date: 2015-09-25

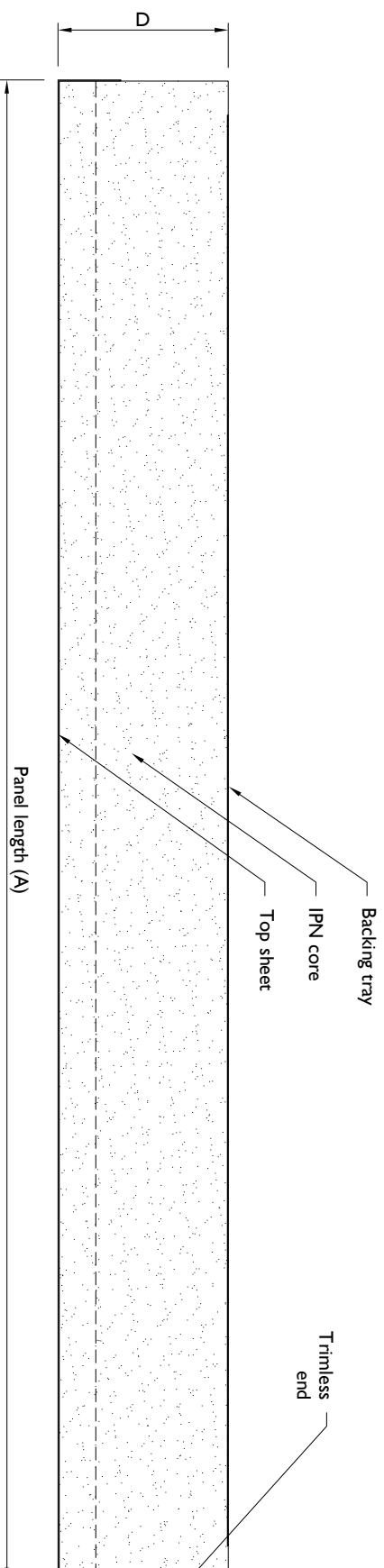
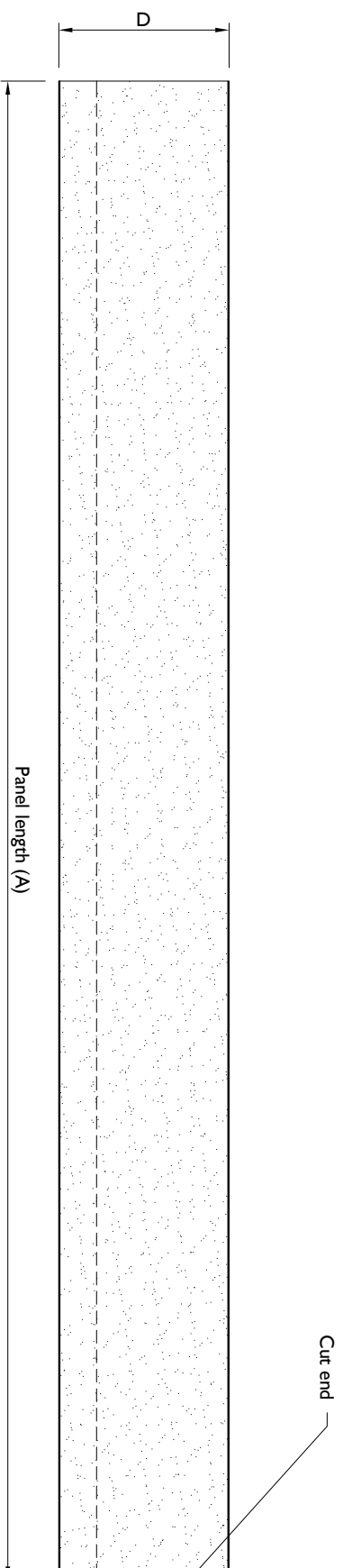
Drawing N.: KF-EVO-101-xxxx-04

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Horizontal section

Drawn By: BB

Date: 2015-09-25

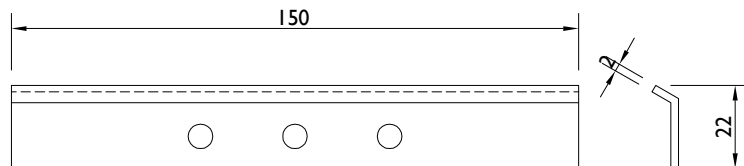
Drawing N.: KF-EVO-III-x-xxx-04

Rev: AH

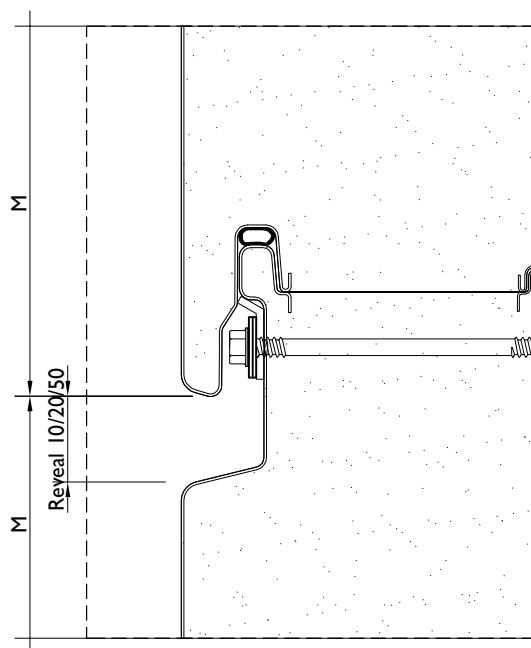
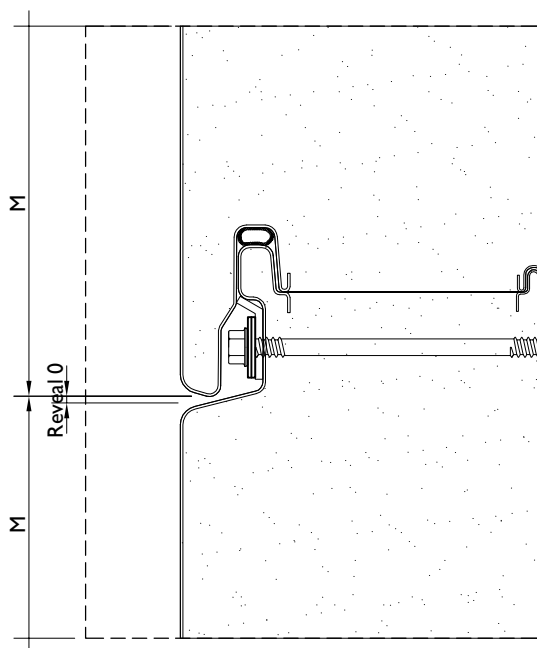
Kingspan Facades Europe

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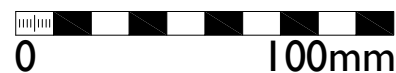






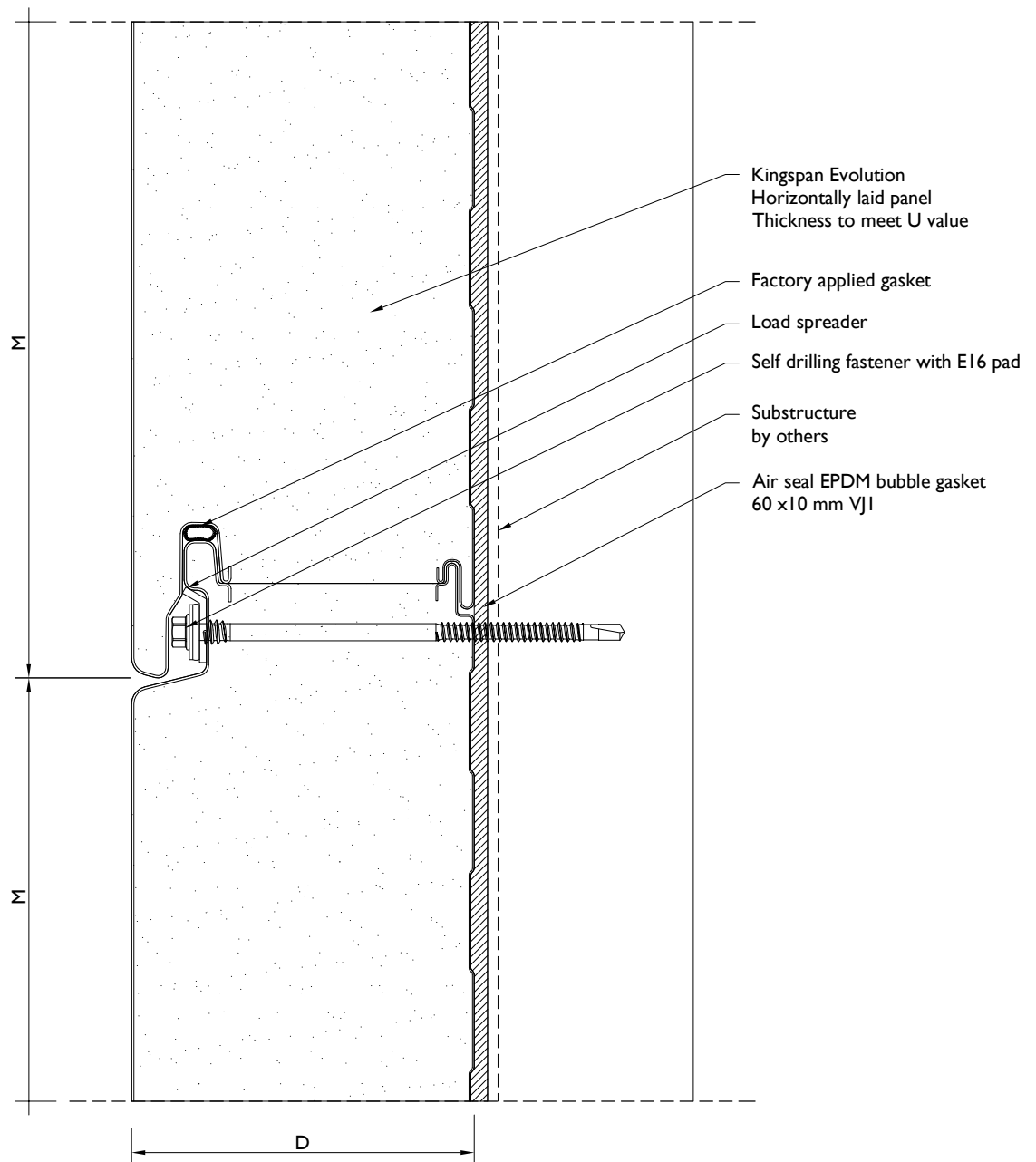
Load Spreader
Usage depends on statical calculation.



Application of Load Spreader


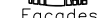


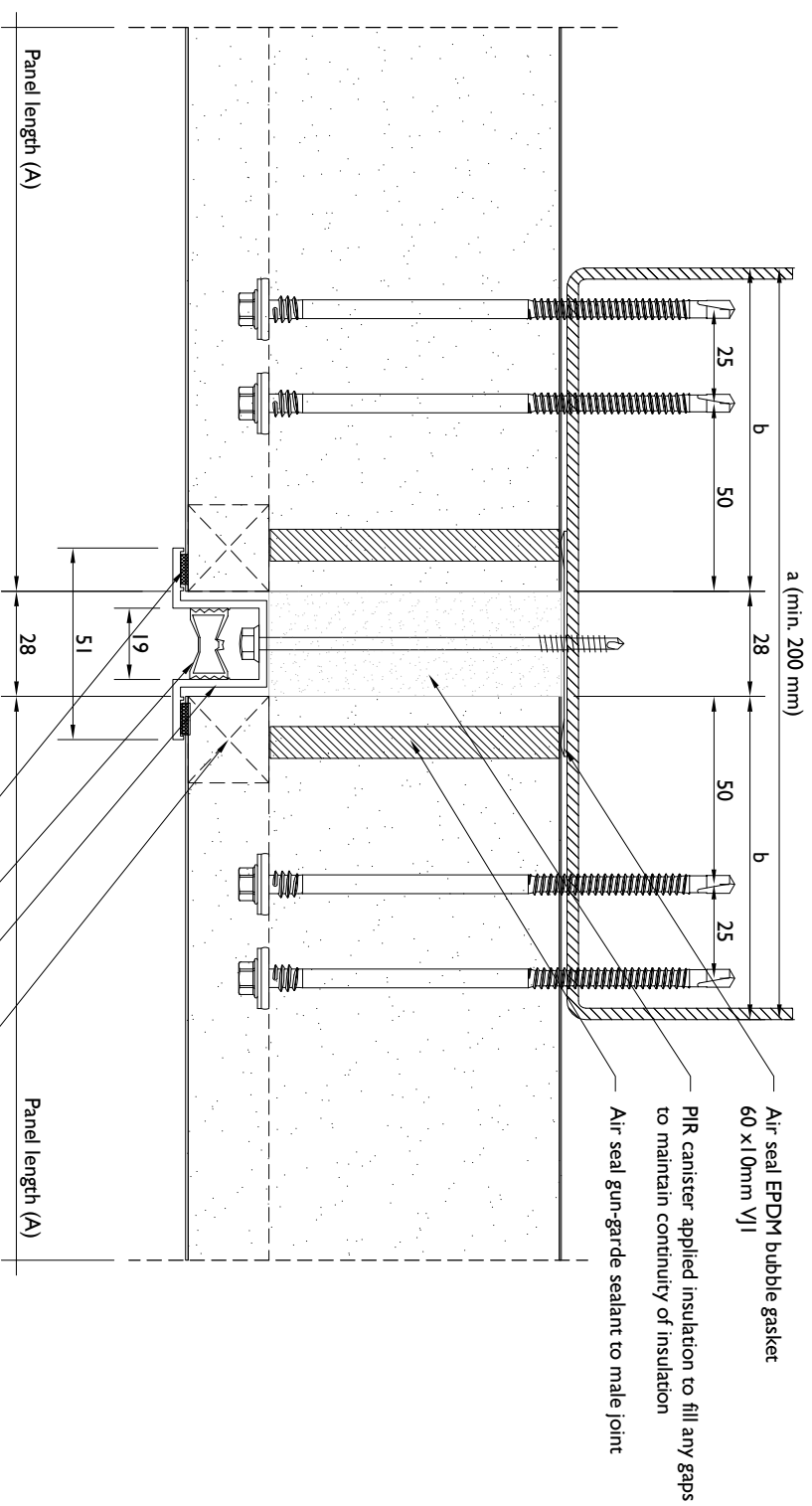
Project: General Construction Details		Kingspan Facades Europe	 Facades
System: Evolution			
Drawing Title: Load spreader		www.kingspanfacades.com © Kingspan 2014	 Kingspan
Drawn By: BB	Date: 2015-09-25		
Drawing N.: KF-EVO-121-xxxx-04	Rev: AH		



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Project: General Construction Details		Kingspan Facades Europe 
System: Evolution		
Drawing Title: Inline Black - horizontal joint		
Drawn By: MS	Date: 2019.03.13	
Drawing N.: KF-EVO-201-xxxx-04	Rev: 00	
		www.kingspanfacades.com © Kingspan 2014 



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Secondary steelwork is typically provided by the structural steelwork contractor.

Note

a & b - according to structural/static requirements

b - min. support width, 40 mm

Project: General Construction Details

System: Evolution

Drawing Title: Inline Black- vertical joint

Drawn By: BB

Date: 25.09.2015

Drawing N.: KF-EVO-202-xxxx-04

Rev: AH

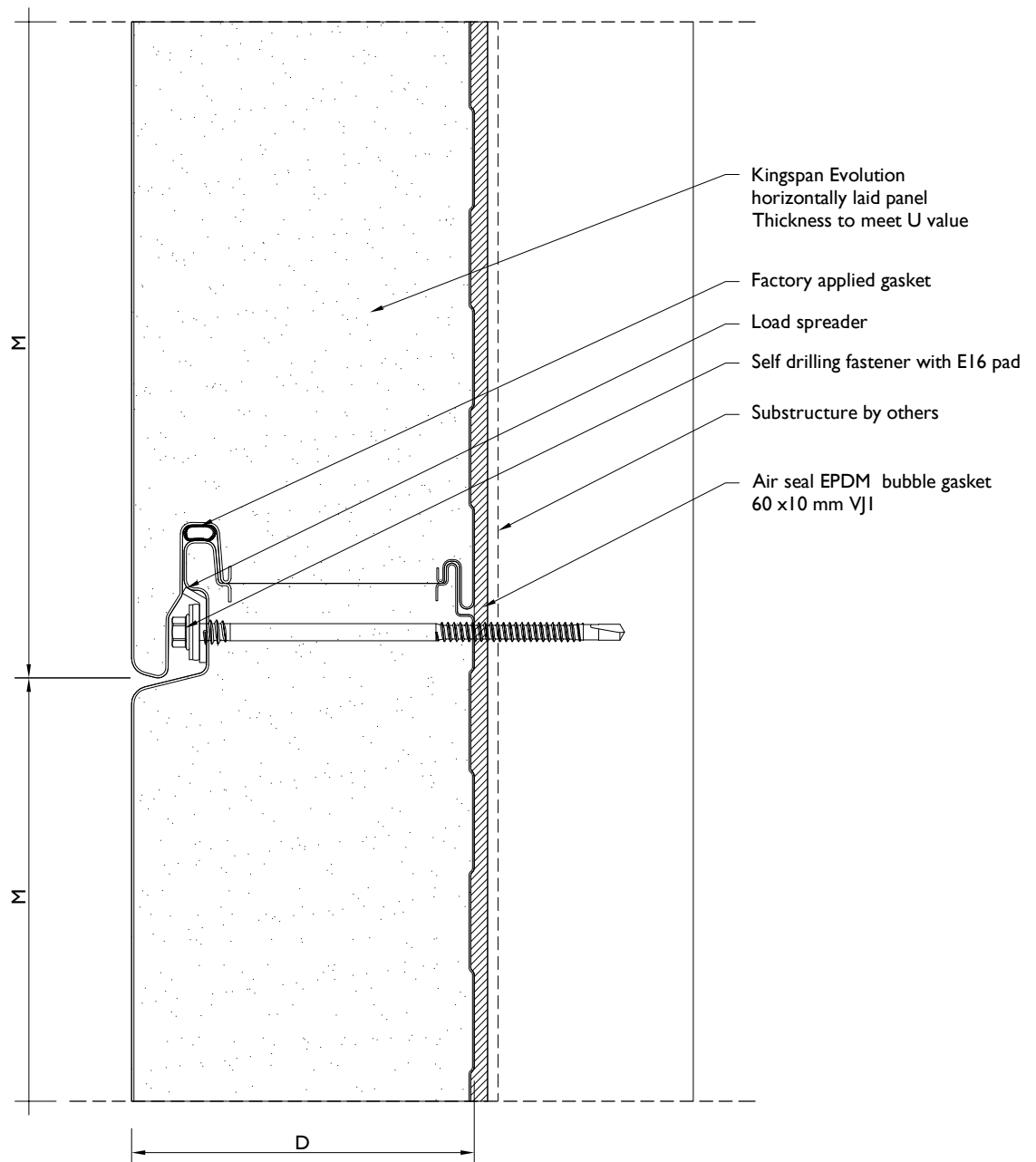
Kingspan Facades Europe



www.kingspanfacades.com


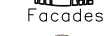
© Kingspan 2014

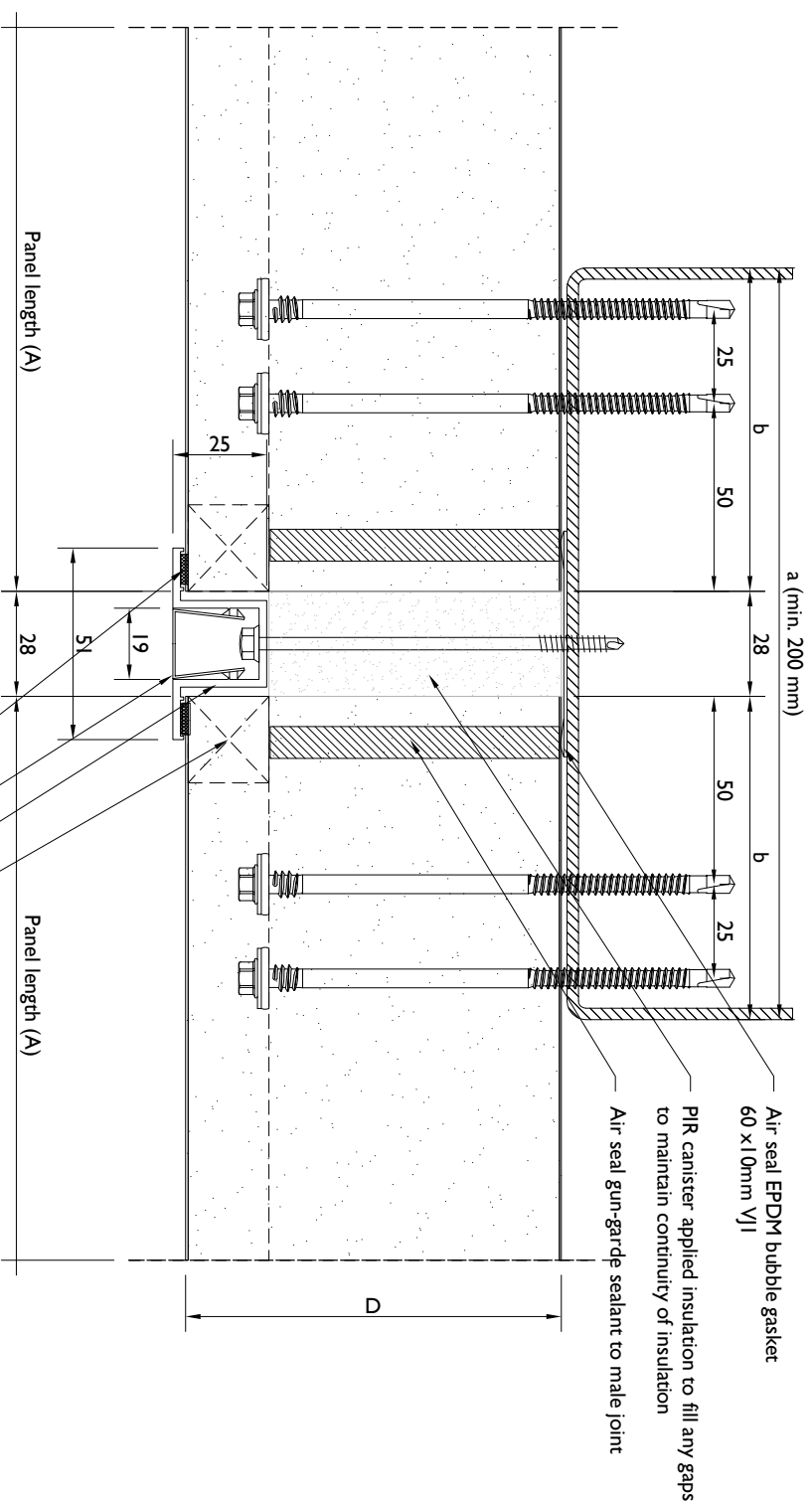




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Project: General Construction Details			Kingspan Facades Europe	 Facades
System: Evolution				
Drawing Title: Inline Silver - horizontal joint			www.kingspanfacades.com	 Kingspan
Drawn By: BB	Date: 25.09.2015			
Drawing N.: KF-EVO-211-xxxx-04	Rev: AH		© Kingspan 2014	



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Secondary steelwork is typically provided by the structural steelwork contractor.

Note

a & b - according to structural/static requirements

$a_{min} = 2 \times b + 28$

b - min. support width, 40 mm

Project: General Construction Details

System: Evolution

Drawing Title: Inline Silver - vertical joint

Drawn By: BB

Date: 25.09.2015

Drawing N.: KF-EVO-222-xxxx-04

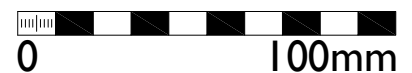
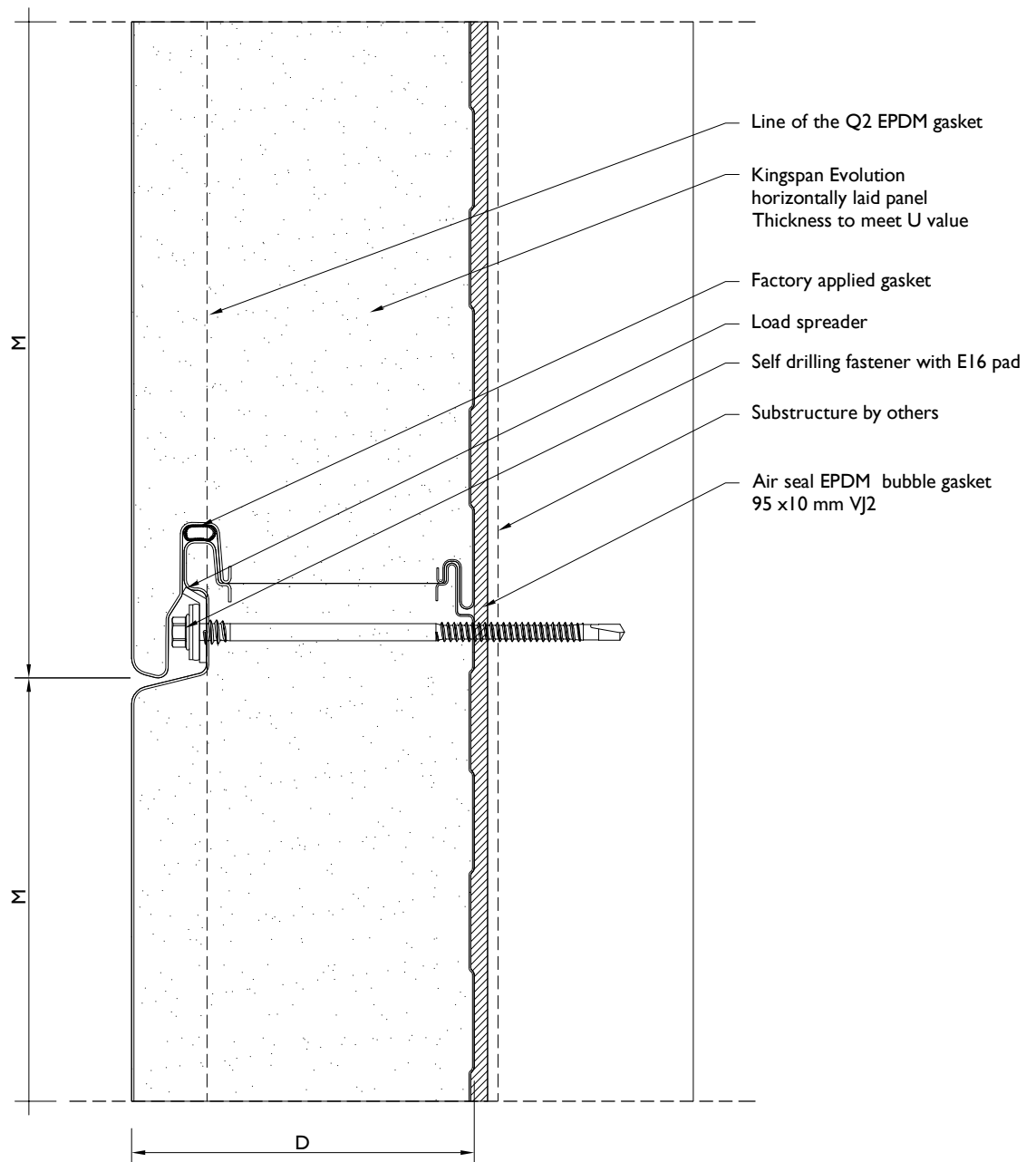
Rev: AH

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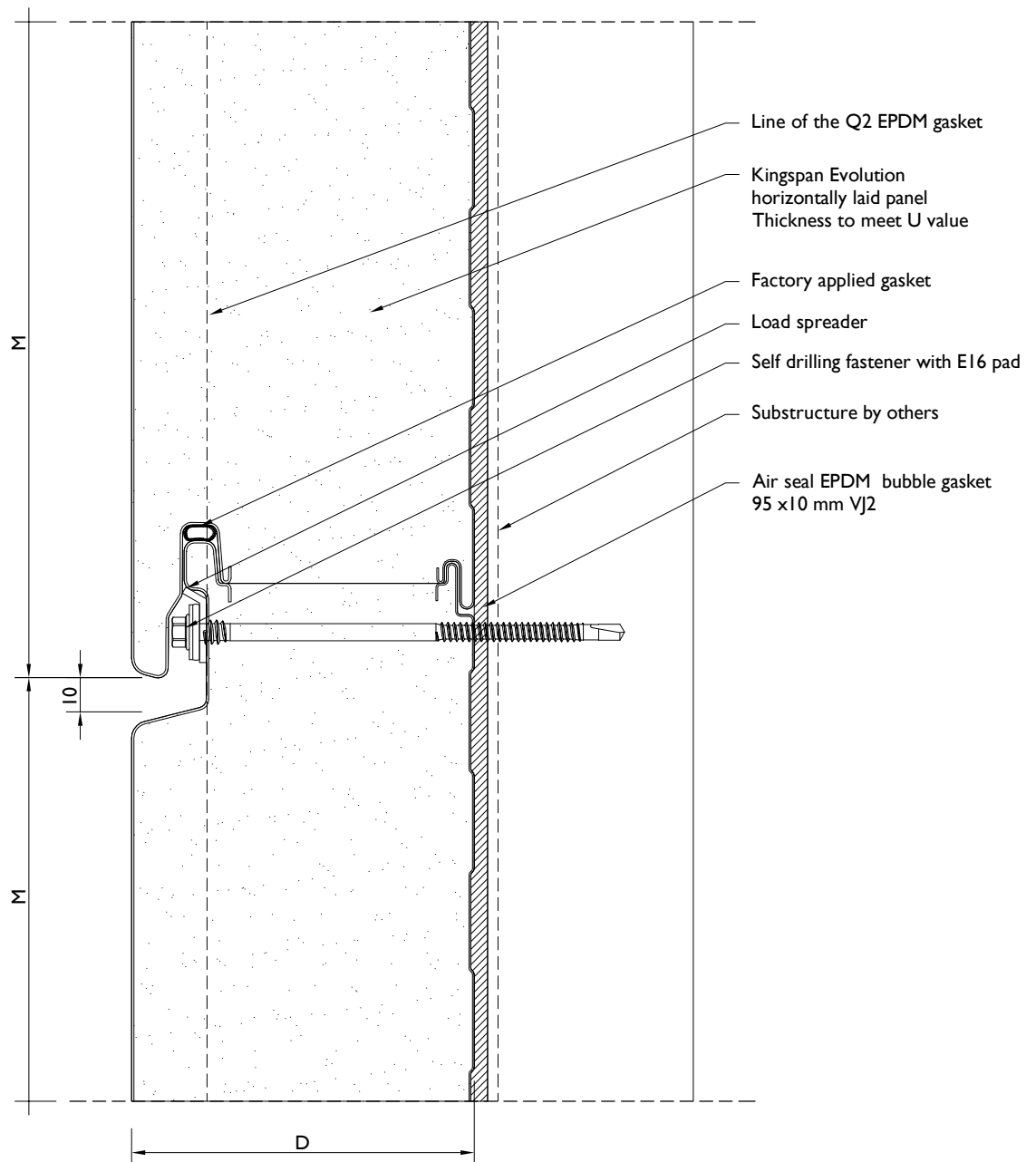




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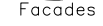
This is a generic construction detail. Supporting (secondary) steelwork member section types and sizes are indicative only. Secondary steelwork is typically provided by the structural steelwork contractor.

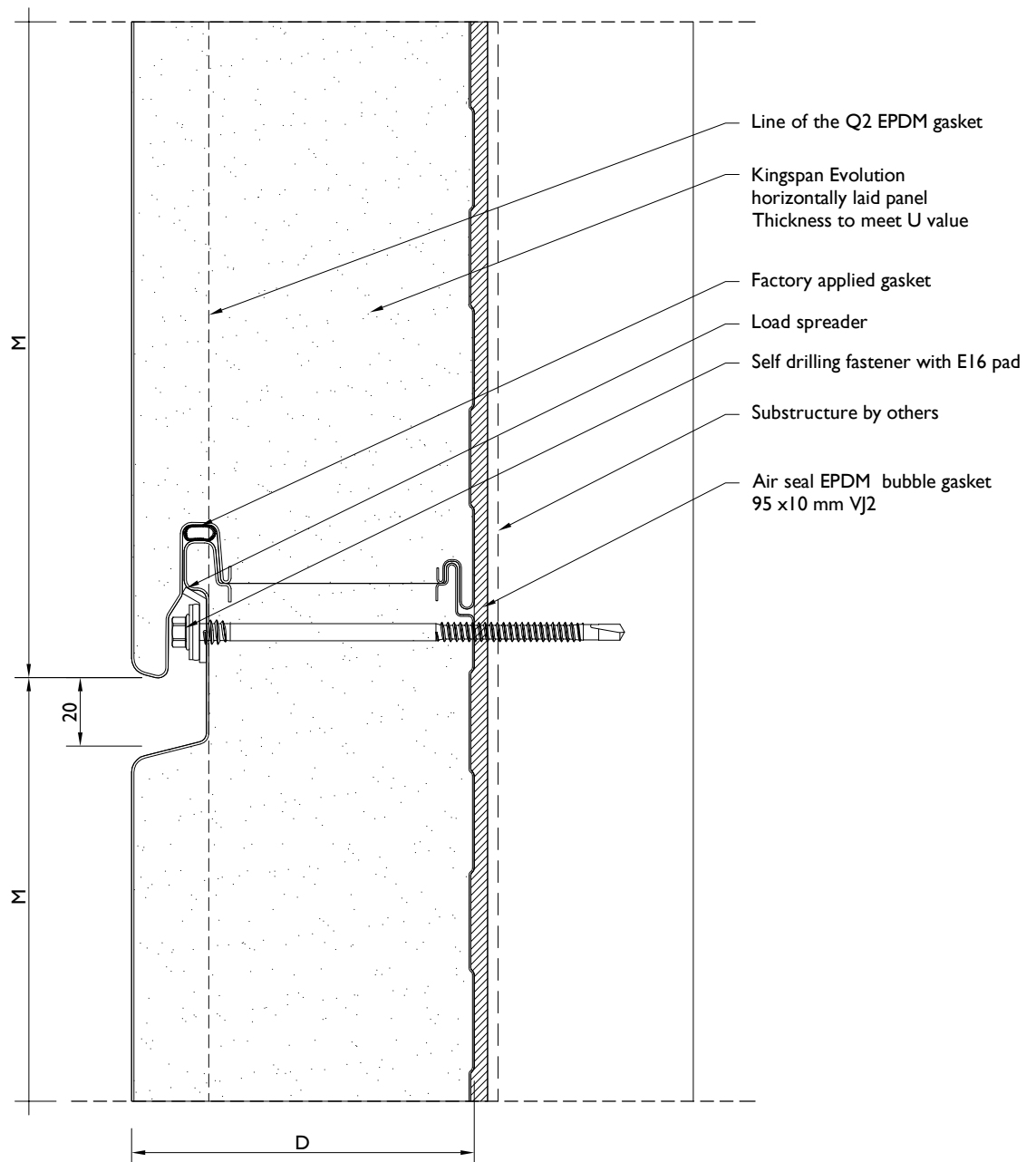
Project: General Construction Details		Kingspan Facades Europe	
System: Evolution			
Drawing Title: Q2 Horizontal joint Reveal 0		www.kingspanfacades.com	
Drawn By: BB	Date: 21.12.2017		
Drawing N.: BEVOC-231-xxxx-04	Rev: AH	© Kingspan 2014	



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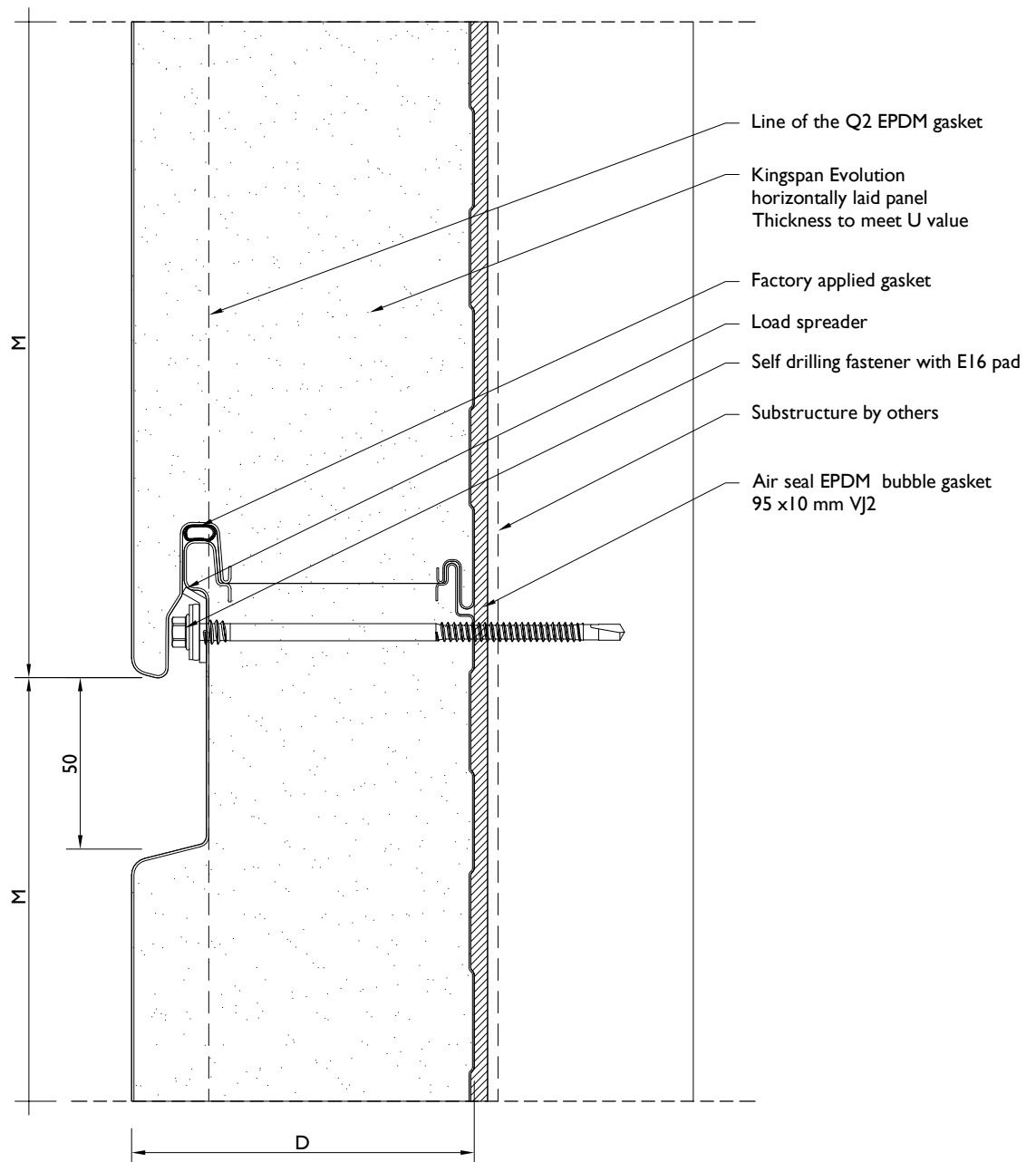
Project: General Construction Details		Kingspan Facades Europe	
System: Evolution			
Drawing Title: Q2 Horizontal joint Reveal 10		www.kingspanfacades.com	
Drawn By: BB	Date: 21.12.2017		
Drawing N.: BEVOC-232-xxxx-04	Rev: AH	© Kingspan 2014	



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Project: General Construction Details		Kingspan Facades Europe	
System: Evolution			
Drawing Title: Q2 Horizontal joint Reveal 20		www.kingspanfacades.com	
Drawn By: BB	Date: 21.12.2017		
Drawing N.: BEVOC-233-xxxx-04	Rev: AH	© Kingspan 2014	



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Project: General Construction Details

System: Evolution

Drawing Title: Q2 Horizontal joint Reveal 50

Drawn By: BB

Date: 21.12.2017

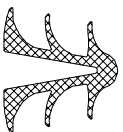
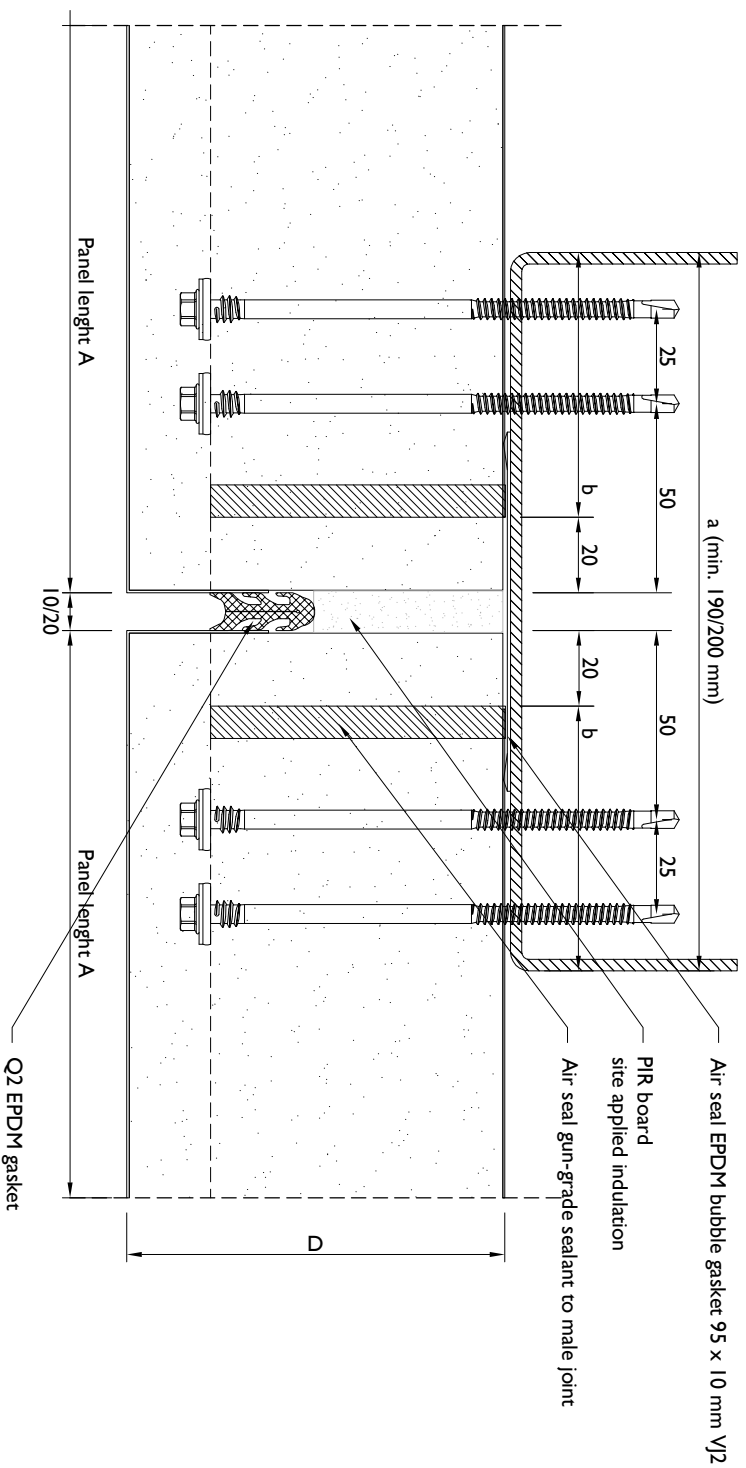
Drawing N.: BEVOC-234-xxxx-04

Rev: AH

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Push-in EPDM Gasket
for 10 mm joint

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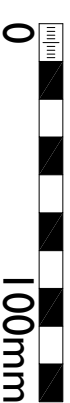
This is a generic construction detail. Supporting (secondary) steelwork member section types and sizes are indicative only.
Secondary steelwork is typically provided by the structural steelwork contractor.

Note

a & b - according to structural/static requirements

$a_{\min} = 2 \times b + \frac{50}{60}$

b - min. support width, 40 mm



Project: General Construction Details

System: Evolution

Drawing Title: Q2 Vertical joint

Drawn By: BB

Date: 21.12.2017

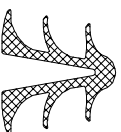
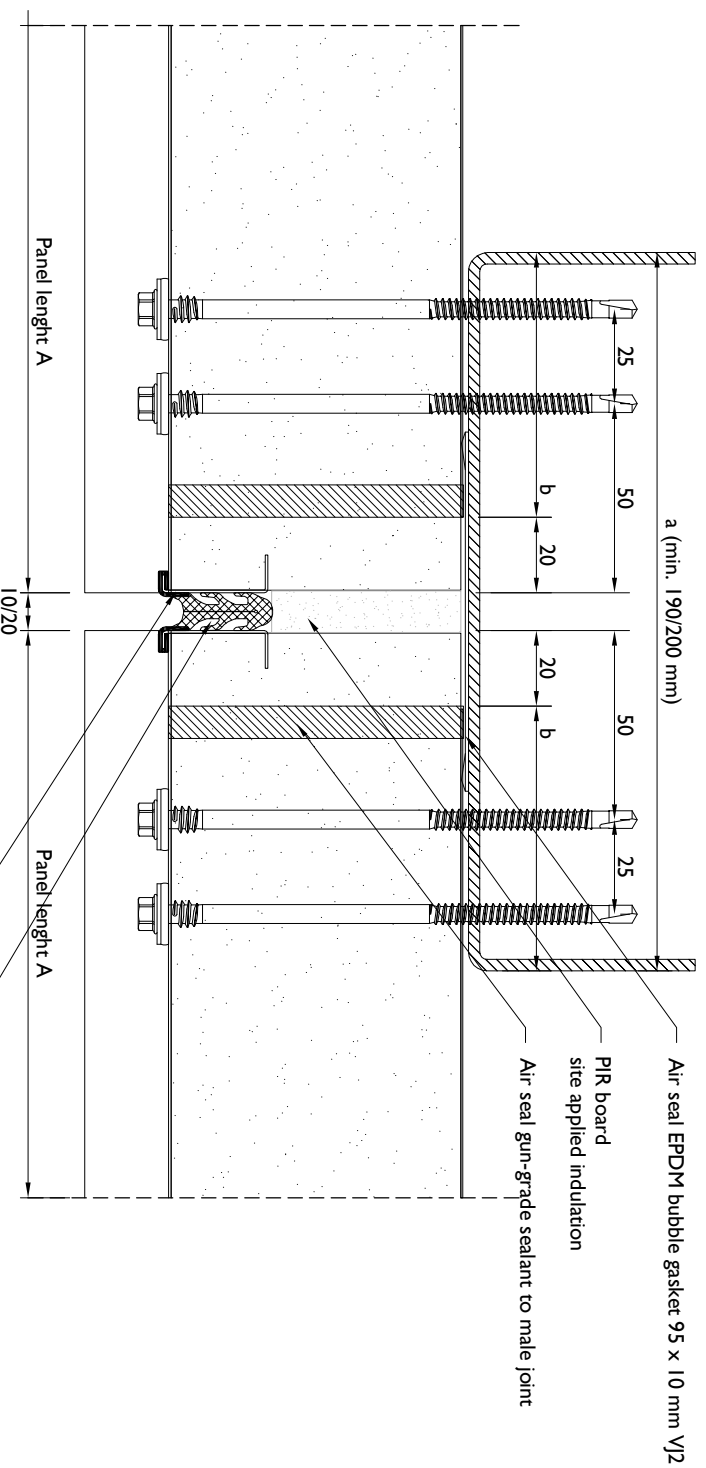
Drawing N.: BEVOC-235-xxxx-04

Rev: AH

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Push-in EPDM Gasket
for 10 mm joint

Q2 EPDM gasket

Factory applied reveal adapter
to maintain continuity
of air- and watertightness,
except for reveal 0



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This is a generic construction detail. Supporting (secondary) steelwork member section types and sizes are indicative only.

Secondary steelwork is typically provided by the structural steelwork contractor.

Note

a & b - according to structural/static requirements

$a_{min} = 2 \times b + 50/60$

b - min. support width, 40 mm

Project: General Construction Details

System: Evolution

Drawing Title: Q2 Vertical joint with reveal adapter

Drawn By: BB

Date: 21.12.2017

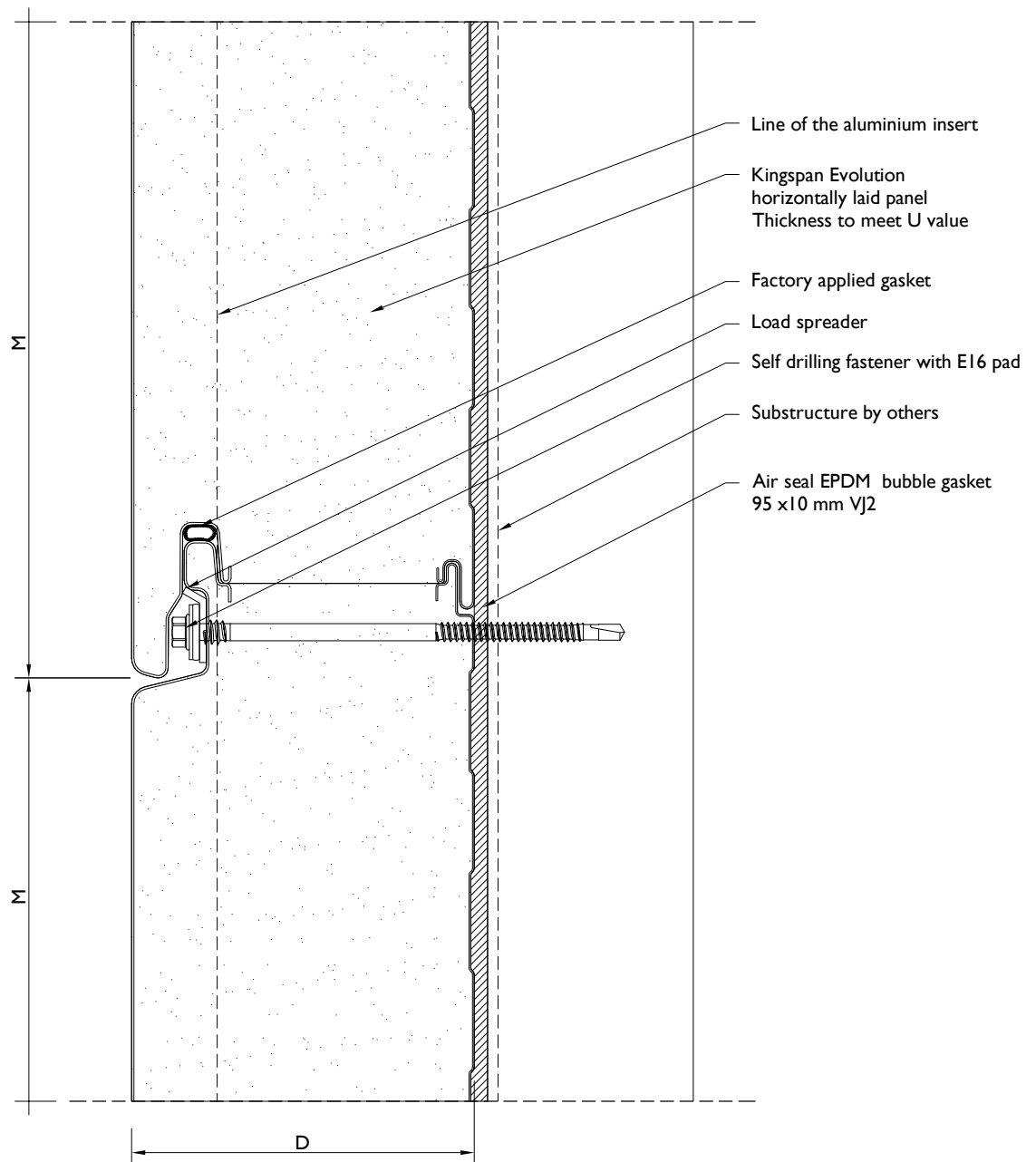
Drawing N.: BEVOC-236-xxxx-04

Rev: AH

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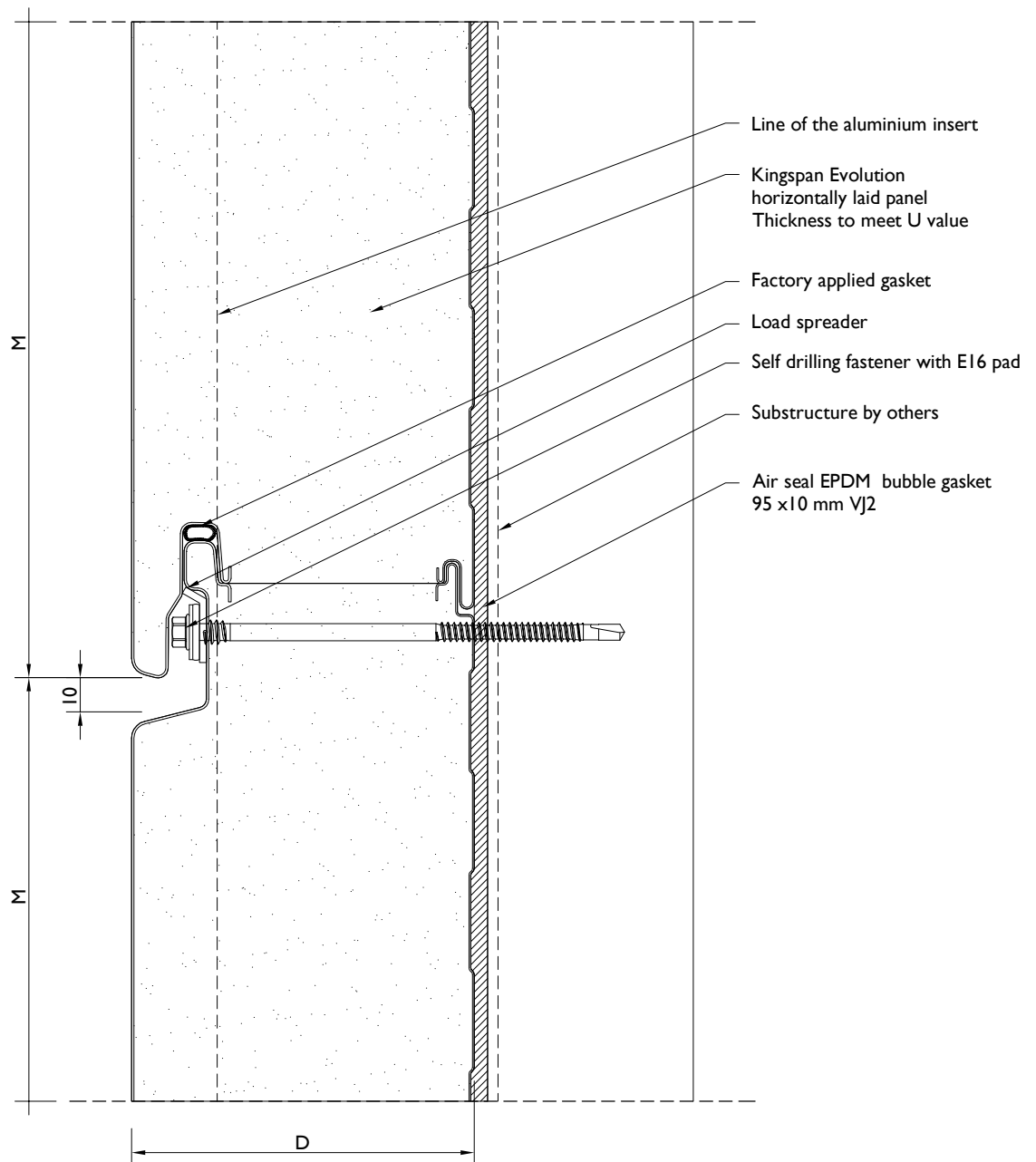




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Project: General Construction Details		Kingspan Facades Europe	
System: Evolution			
Drawing Title: Q2 Horizontal joint Reveal 0		www.kingspanfacades.com	
Drawn By: BB	Date: 21.12.2017		
Drawing N.: BEVOC-241-xxxx-04	Rev: AH	© Kingspan 2014	



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Project: General Construction Details

System: Evolution

Drawing Title: Q2 Horizontal joint Reveal 10

Drawn By: BB

Date: 21.12.2017

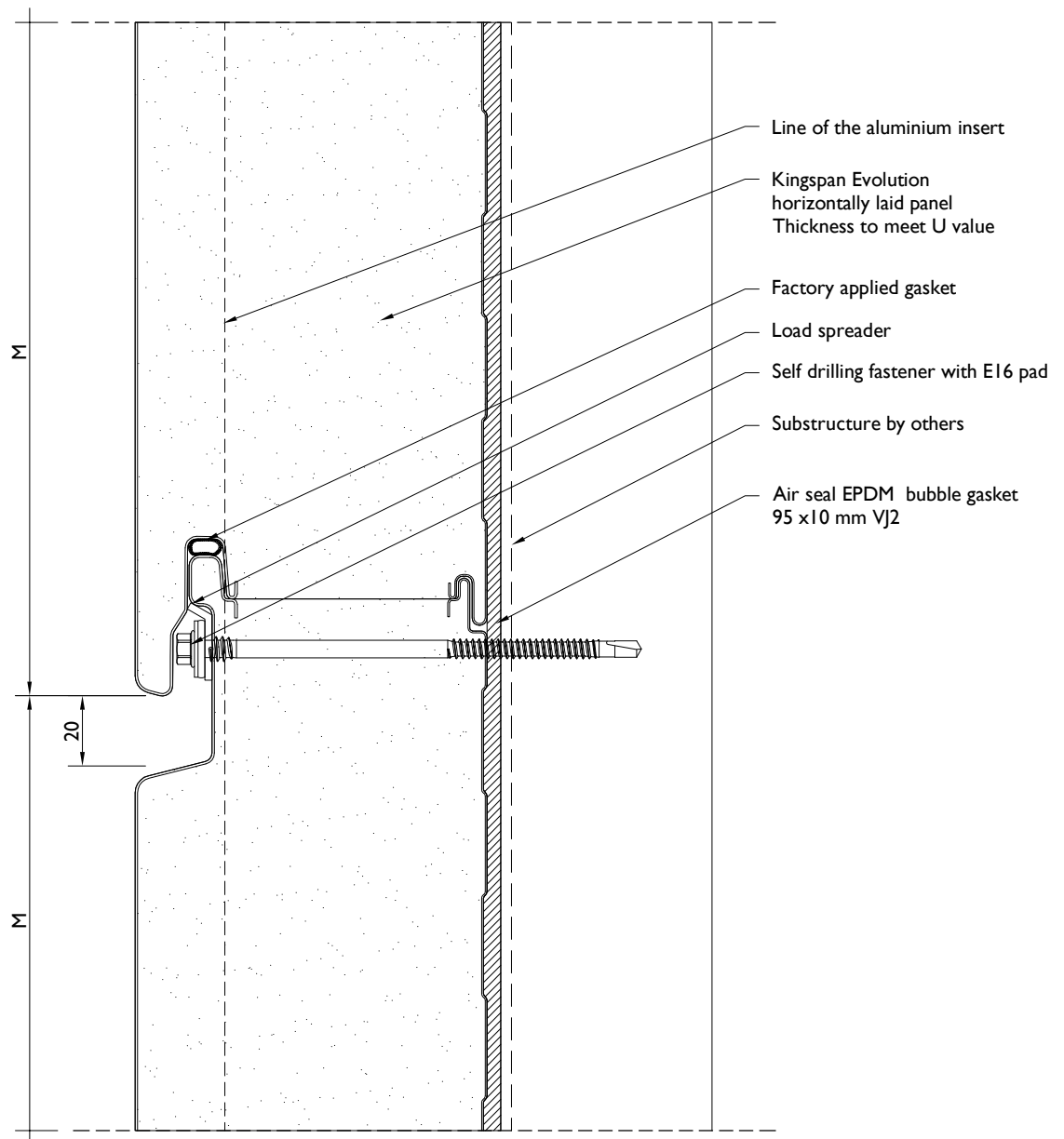
Drawing N.: BEVOC-242-xxxx-04

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Q2 Horizontal joint Reveal 20

Drawn By: BB

Date: 2015-09-25

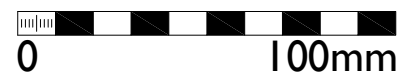
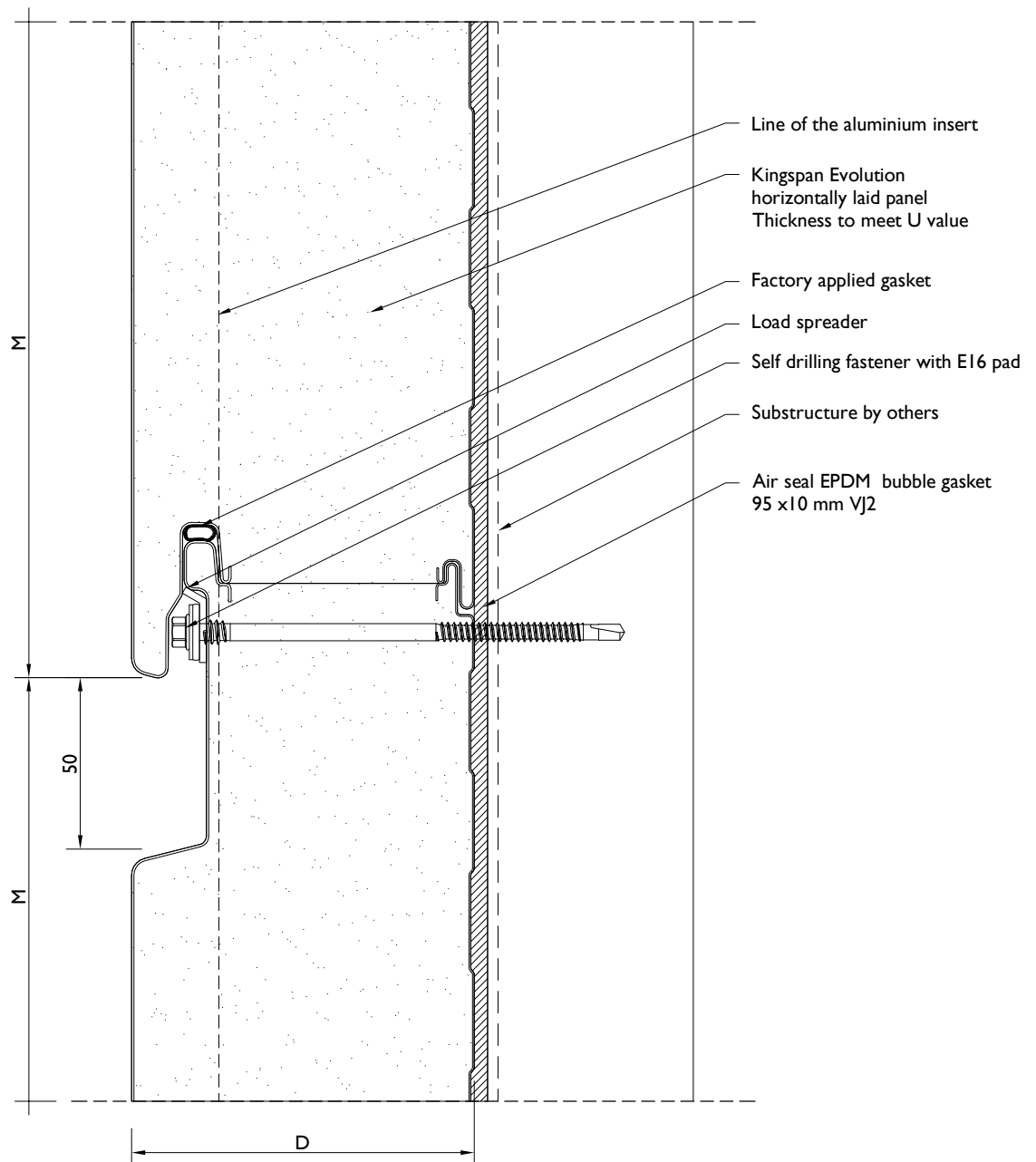
Drawing N.: BEVOC-243-xxxx-04

Rev: AH

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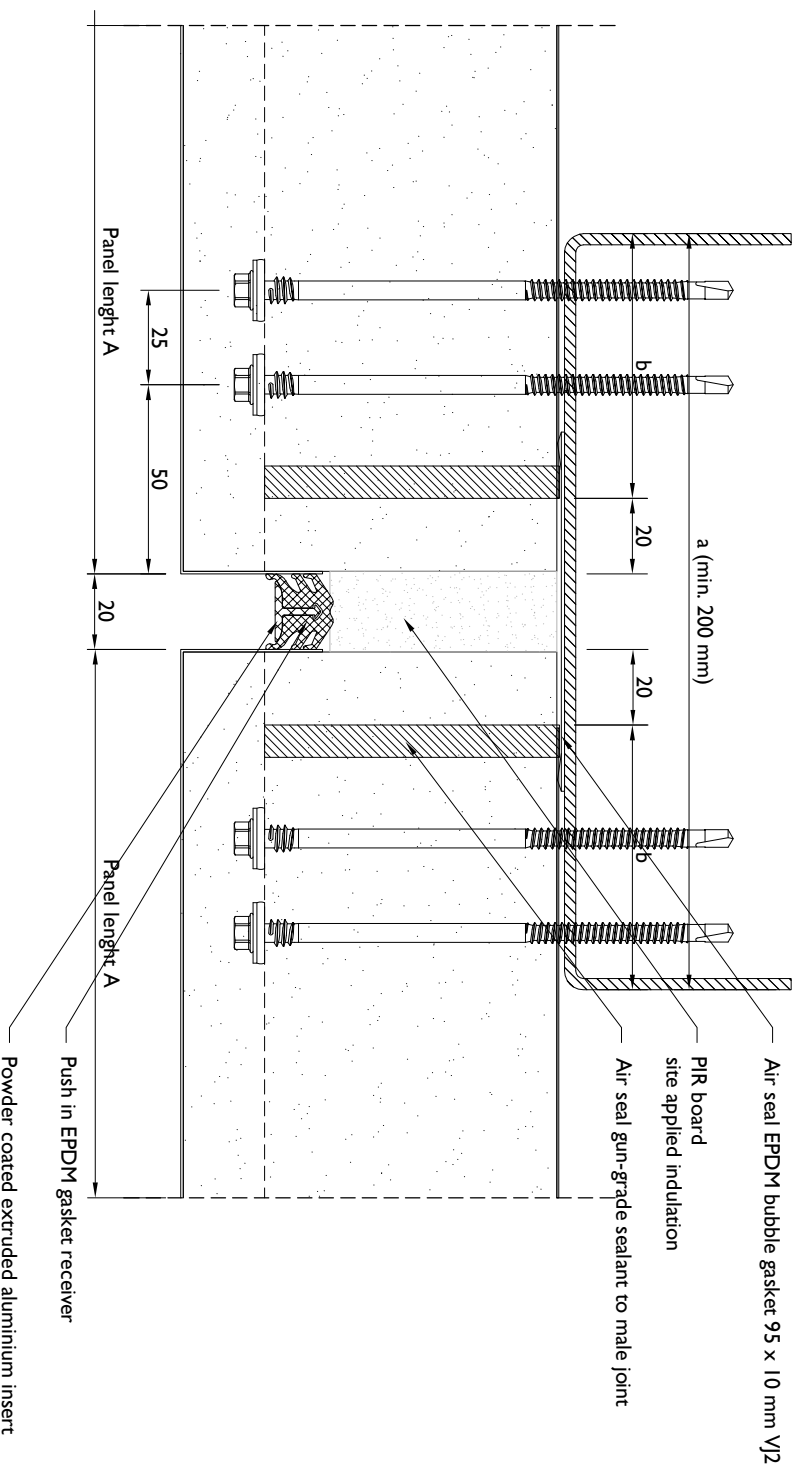




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This is a generic construction detail. Supporting (secondary) steelwork member section types and sizes are indicative only. Secondary steelwork is typically provided by the structural steelwork contractor.

Project: General Construction Details		Kingspan Facades Europe	
System: Evolution			
Drawing Title: Q2 Horizontal joint Reveal 50		www.kingspanfacades.com	
Drawn By: BB	Date: 2015-09-25		
Drawing N.: BEVOC-244-xxxx-04	Rev: AH	© Kingspan 2014	



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Secondary steelwork is typically provided by the structural steelwork contractor.

Note

a & b - according to structural/static requirements

$a_{min} = 2 \times b + 60$

b - min. support width, 40 mm

Project: General Construction Details

System: Evolution

Drawing Title: Q2A Vertical joint

Drawn By: BB

Date: 2015-09-25

Drawing N.: BEVOC-245-xxxx-04

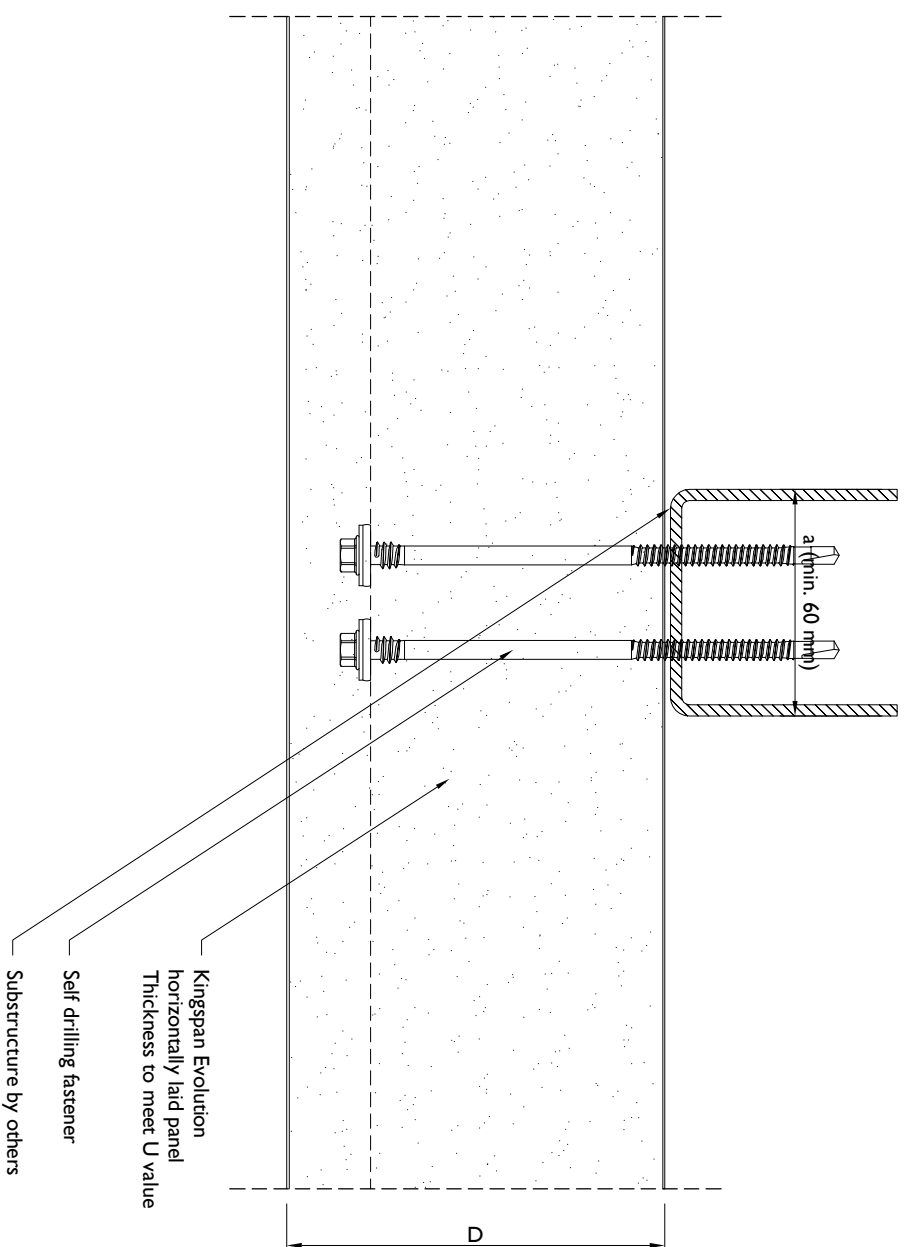
Rev: AH

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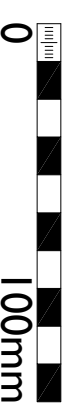






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Secondary steelwork is typically provided by the structural steelwork contractor.

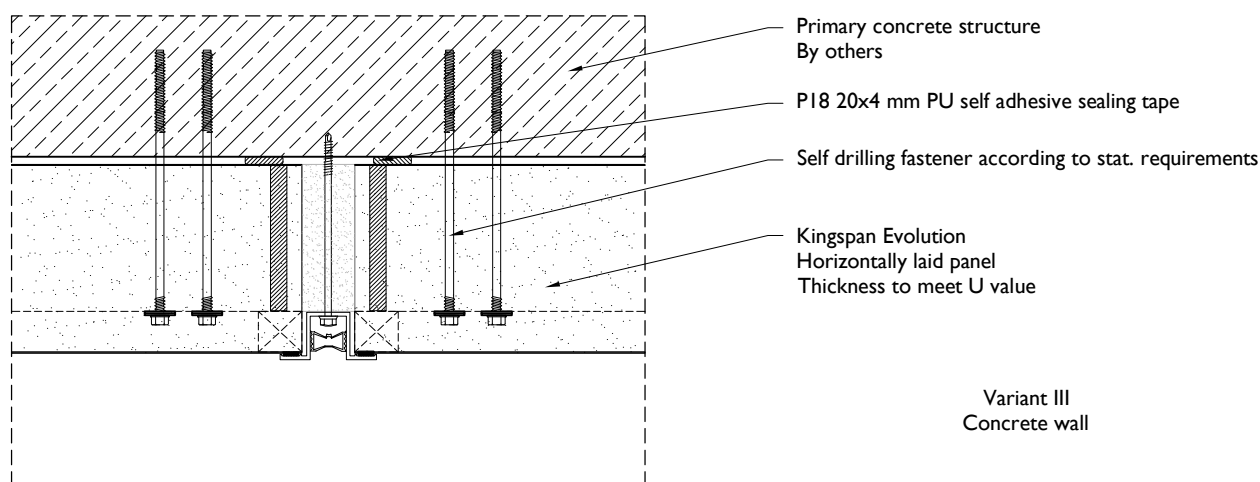
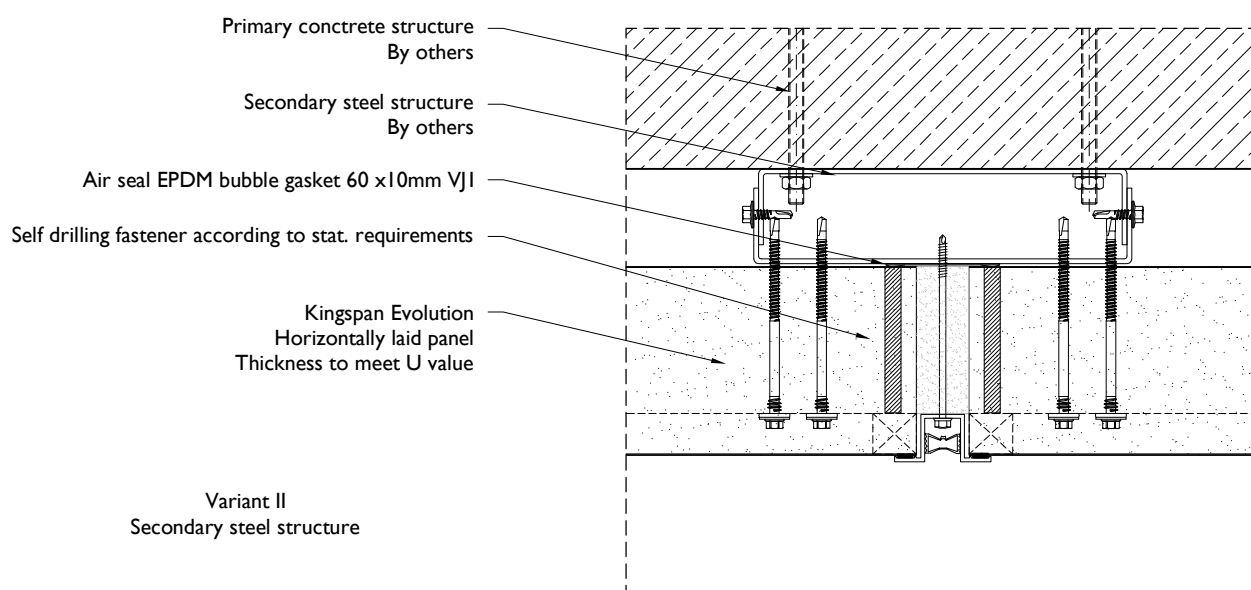
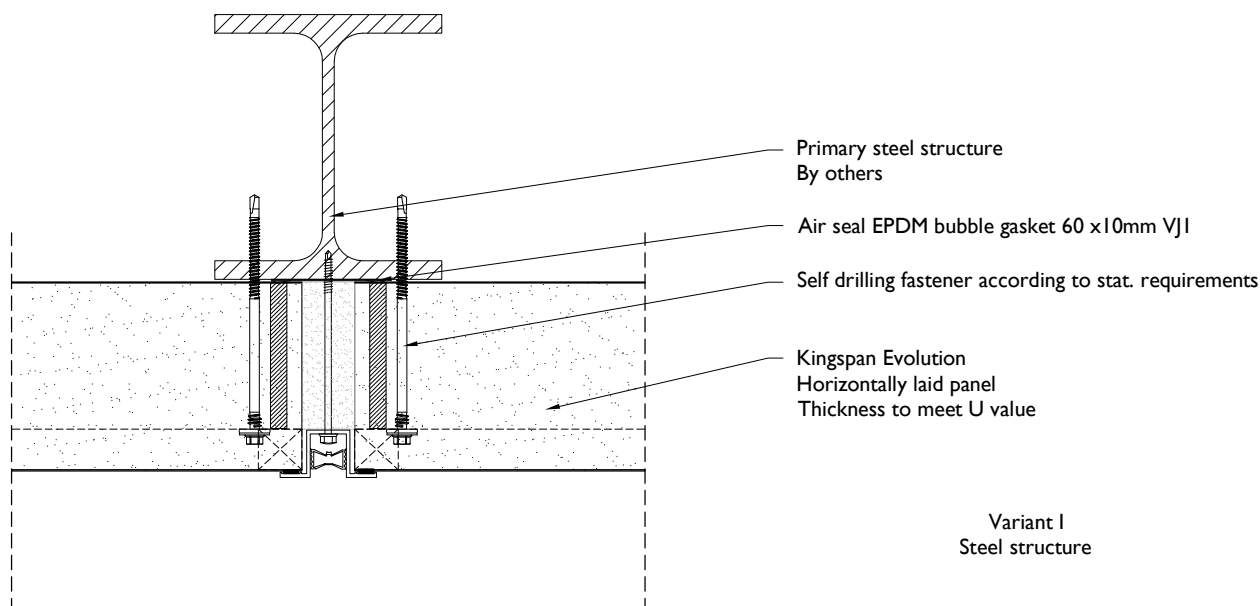
Note
a - according to structural/static requirements



Project: General Construction Details		Kingspan Facades Europe	
System: Evolution		 Facades	
Drawing Title: Intermediate support			
Drawn By: BB	Date: 21.12.2017		
Drawing N.: KF-EVO-251-xxxx-04	Rev: AH	www.kingspanfacades.com © Kingspan 2014	







Comment

a - according to static requirements
a_{min} = 40 mm



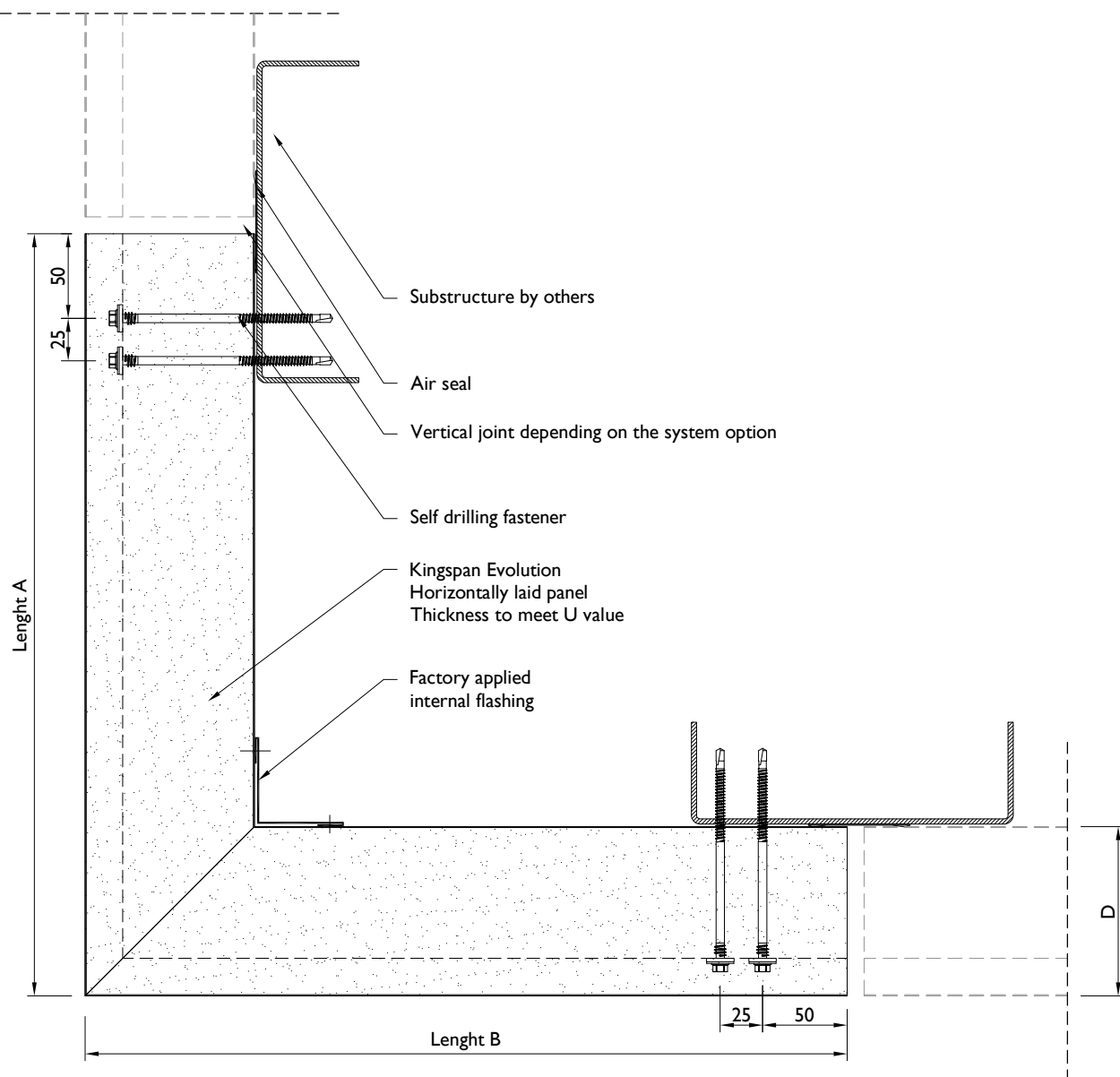
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Project:	General Construction Details	Kingspan Facades Europe
System:	Evolution	
Drawing Title:	Primary constructions - variants	
Drawn By:	BB	Date: 2015-09-25
Drawing N.:	KF-EVO-252-xxxx-04	Rev: AH

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Corner Panel						
Joint Option	A min.	A max.	B min.	B max.	Lenght max.	Angle
Inline Silver	250	1500	250	4500	6000	90-180
Inline Black						
Aluframe						
Light	D + 200	1500	D + 200	2500	4000	90-180
Q2						
Q2A						

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This is a generic construction detail. Supporting (secondary) steelwork member section types and sizes are indicative only. Secondary steelwork is typically provided by the structural steelwork contractor.

Project: General Construction Details

System: Evolution

Drawing Title: External corner

Drawn By: BB

Date: 2015-09-25

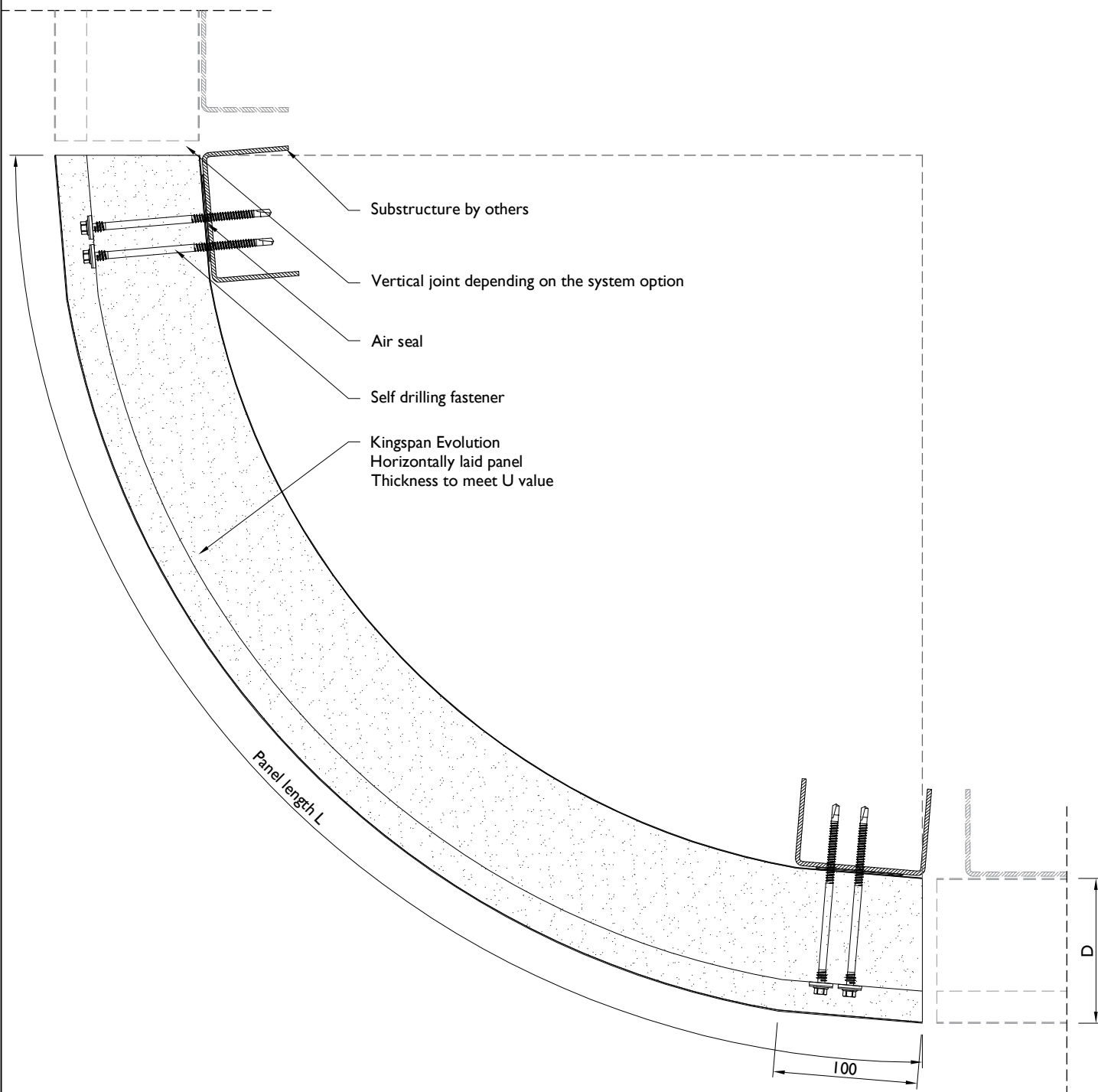
Drawing N.: KF-EVO-301-xxxx-04

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Curved corner

Drawn By: BB

Date: 2015-09-25

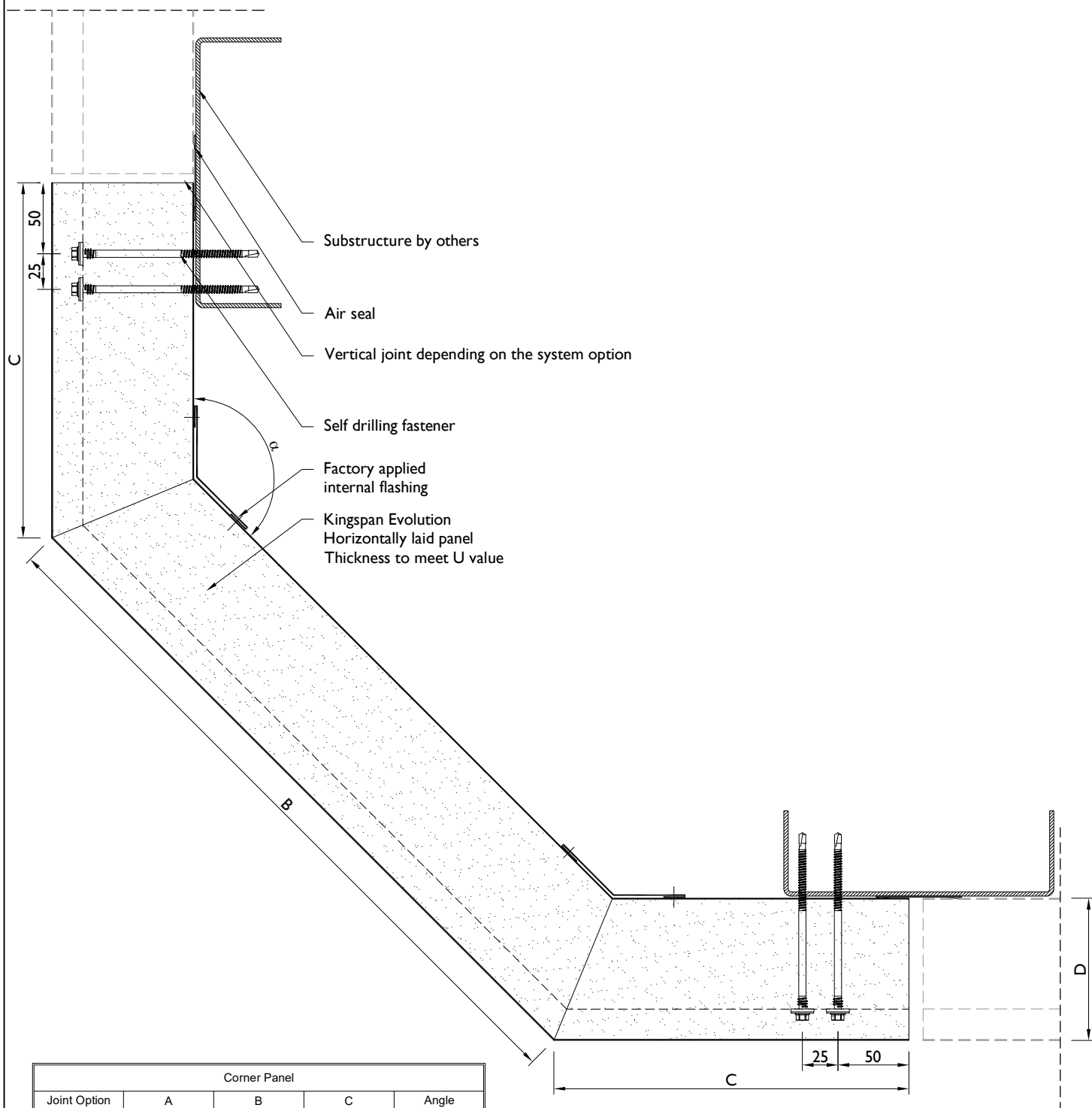
Drawing N.: KF-EVO-302-xxxx-04

Rev: AH

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Corner Panel				
Joint Option	A	B	C	Angle
Inline Silver	250 - 1500 mm	300 - 3000 mm	250 - 1500 mm	90-180
Inline Black				
Aluframe				
Light				
Q2	Please contact Benchmark team			
Q2A				

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Project: General Construction Details

System: Evolution

Drawing Title: Chamfered corner

Drawn By: BB

Date: 2015-09-25

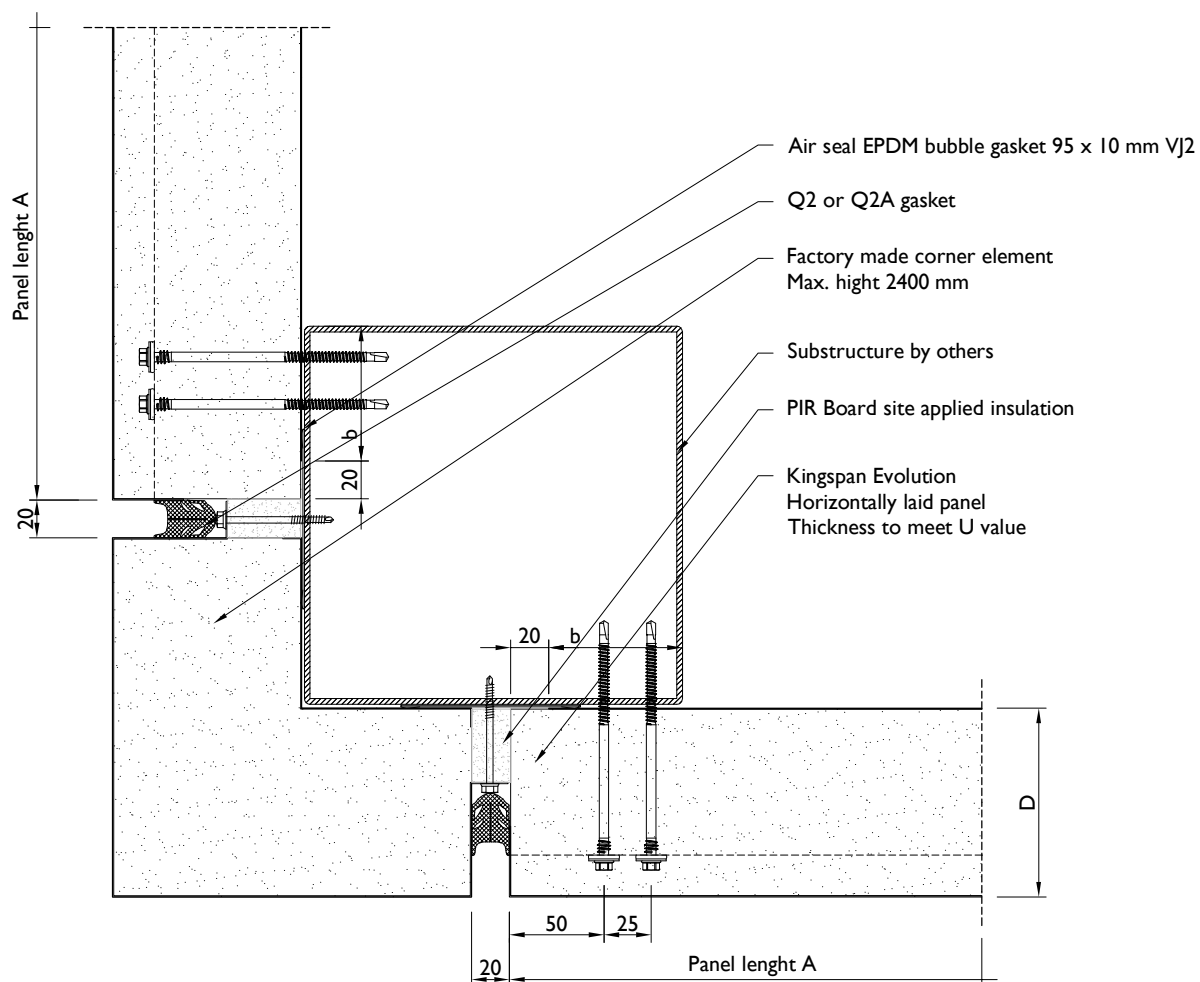
Drawing N.: KF-EVO-303-xxxx-04

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Corner with corner element

Drawn By: BB

Date: 2015-09-25

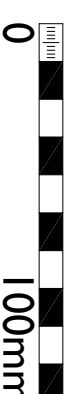
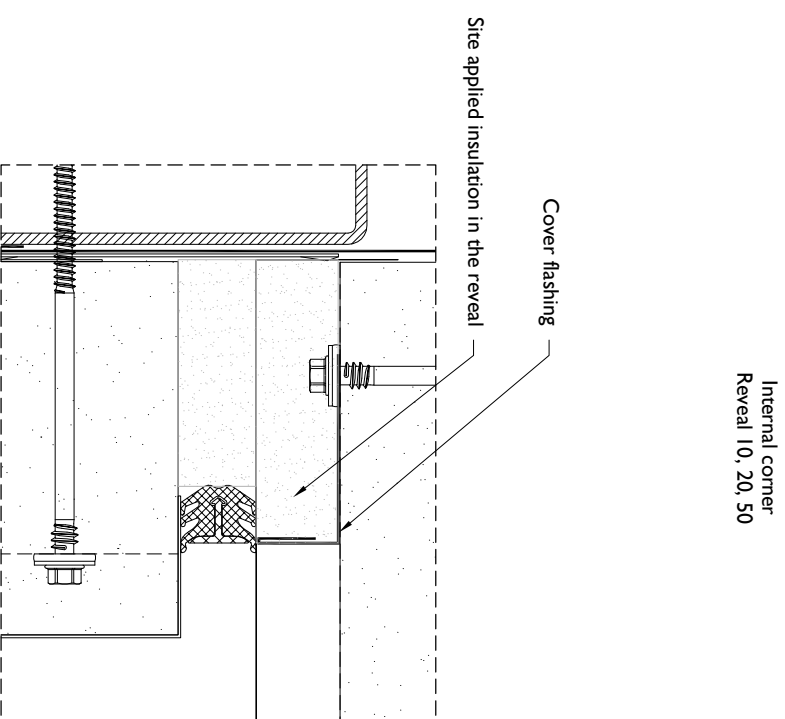
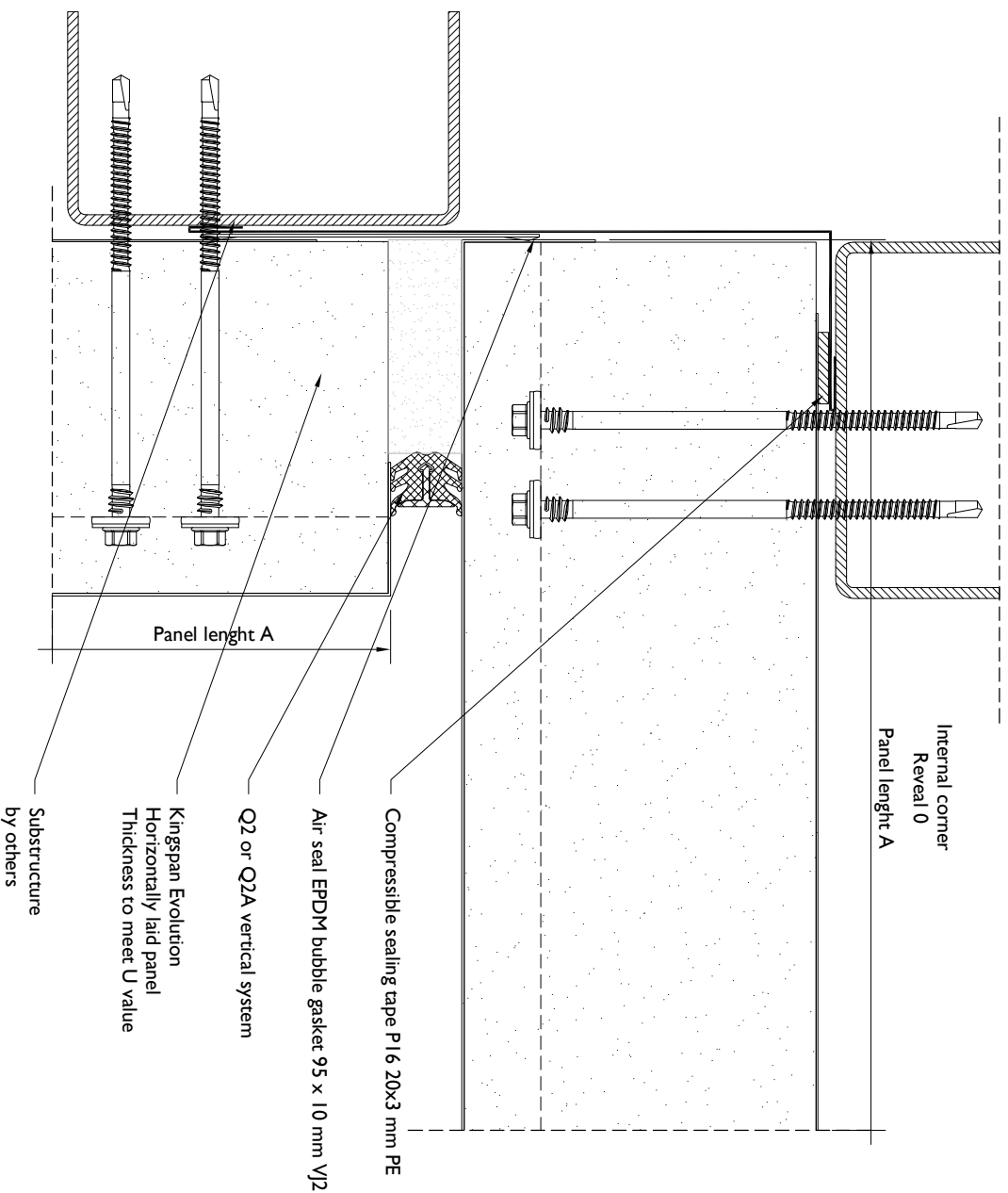
Drawing N.: KF-EVO-304-xxxx-04

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Internal corner with gasket I

Drawn By: BB

Date: 21.12.2017

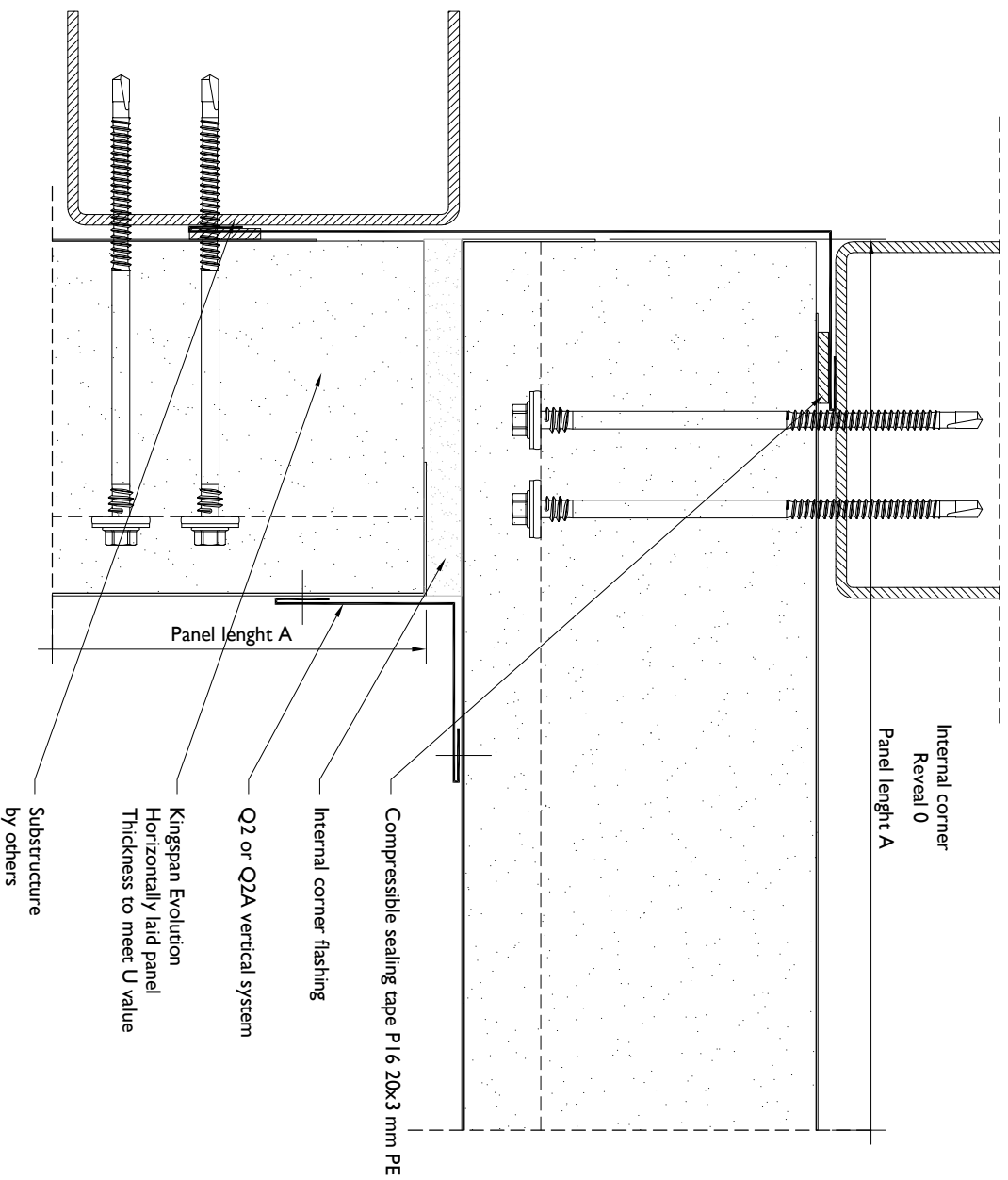
Drawing N.: KF-EVO-311-xxxx-01

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Internal corner with flashing

Drawn By: BB

Date: 21.12.2017

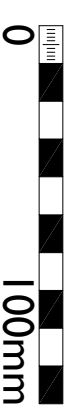
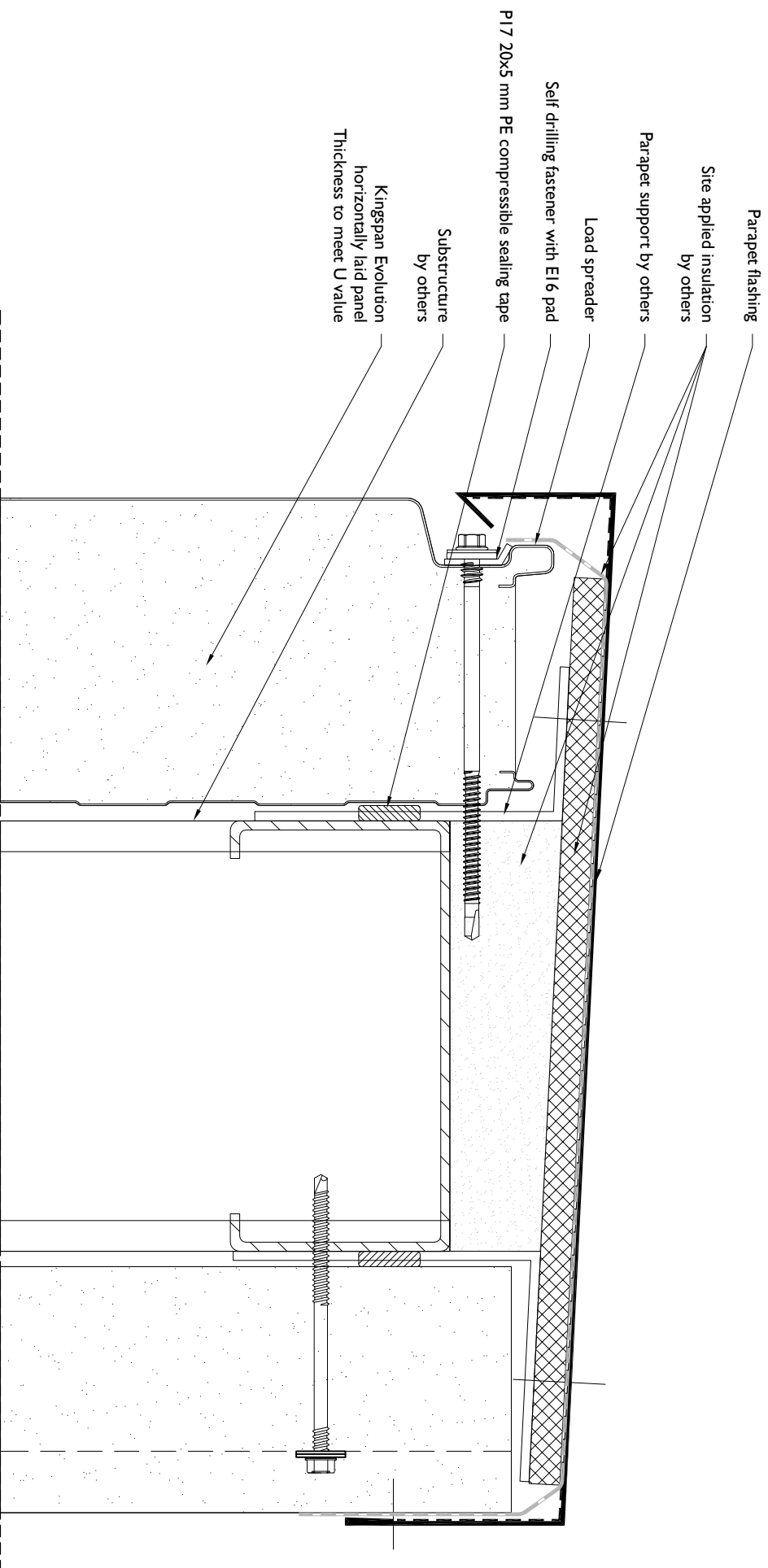
Drawing N.: KF-EVO-312-xxxx-01

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Modular parapet

Drawn By: BB

Date: 21.12.2017

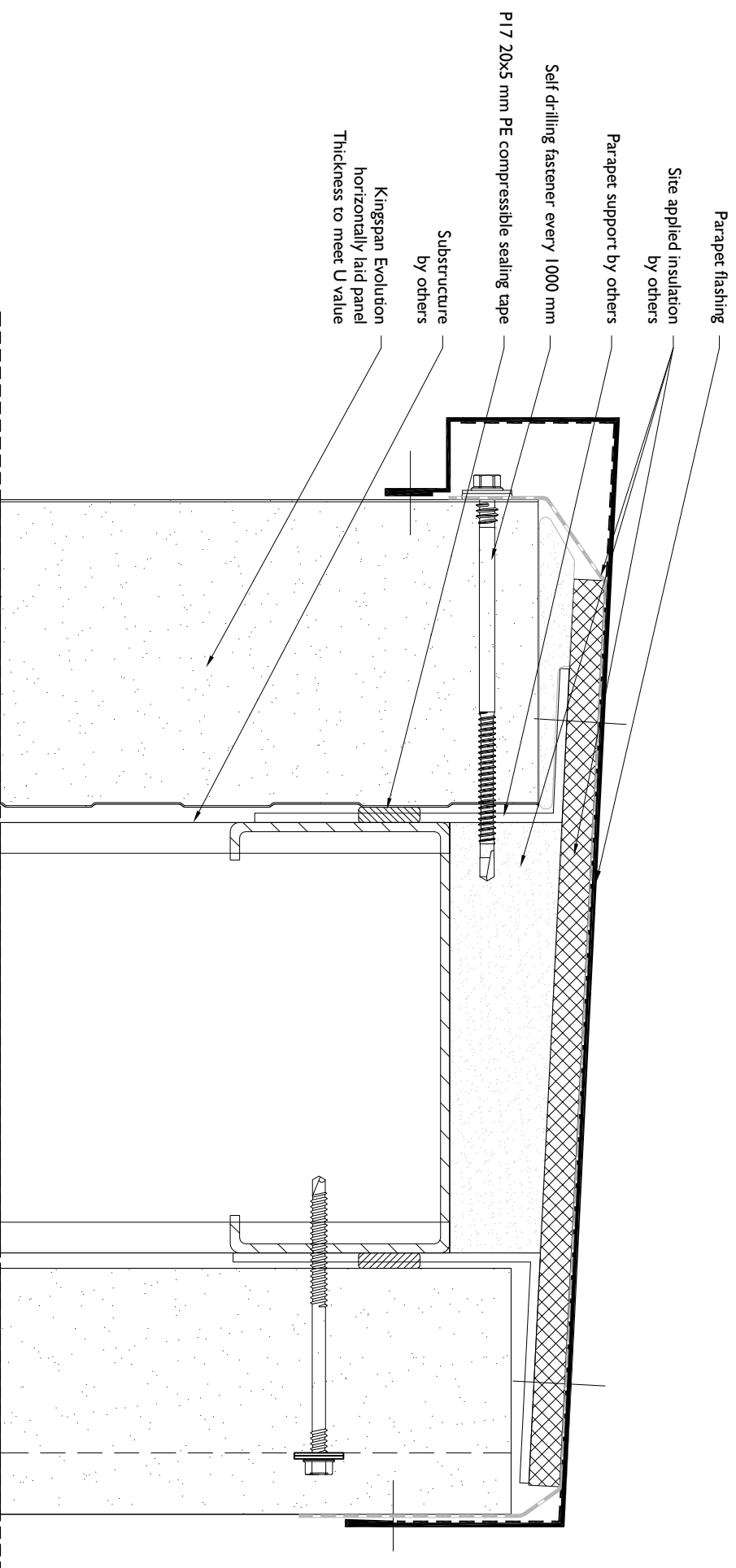
Drawing N.: KF-EVO-401-xxxx-01

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Nonmodular parapet

Drawn By: BB

Date: 21.12.2017

Drawing N.: KF-EVO-402-xxxx-01

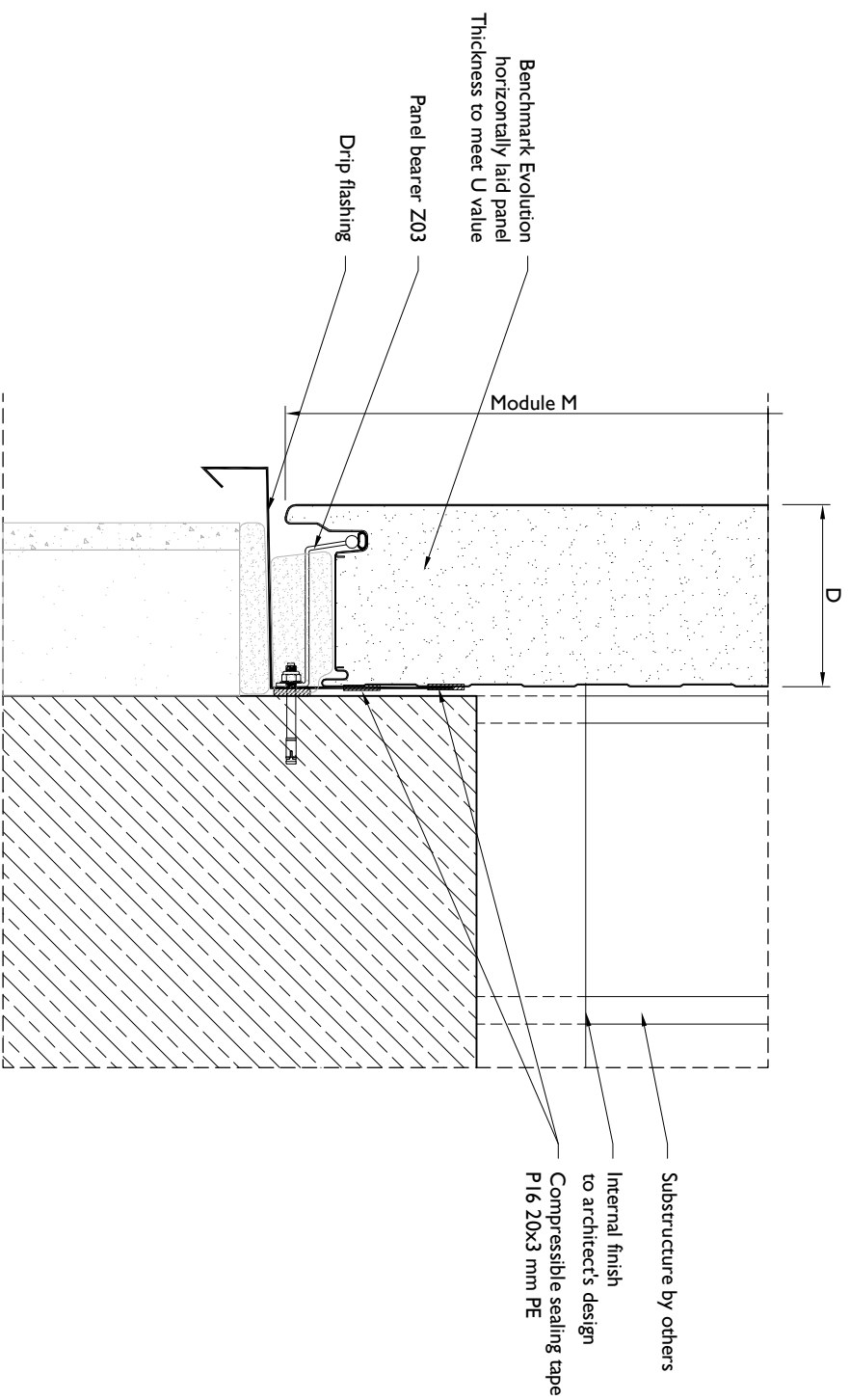
Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Drip detail

Drawn By: BB

Date: 2015-09-25

Drawing N.: KF-EVO-501-x-xxx-04

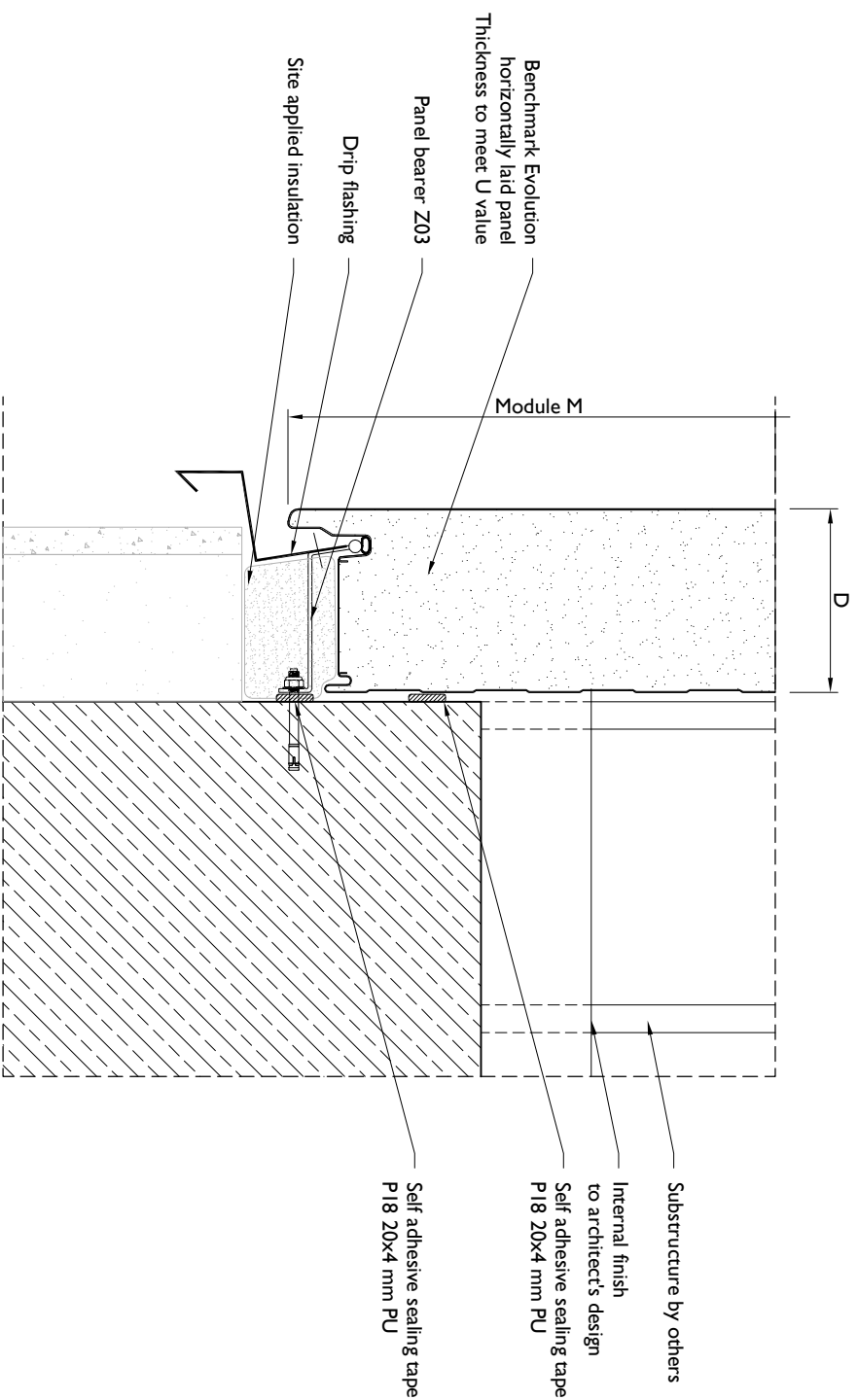
Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Drip detail

Drawn By: BB

Date: 2015-09-25

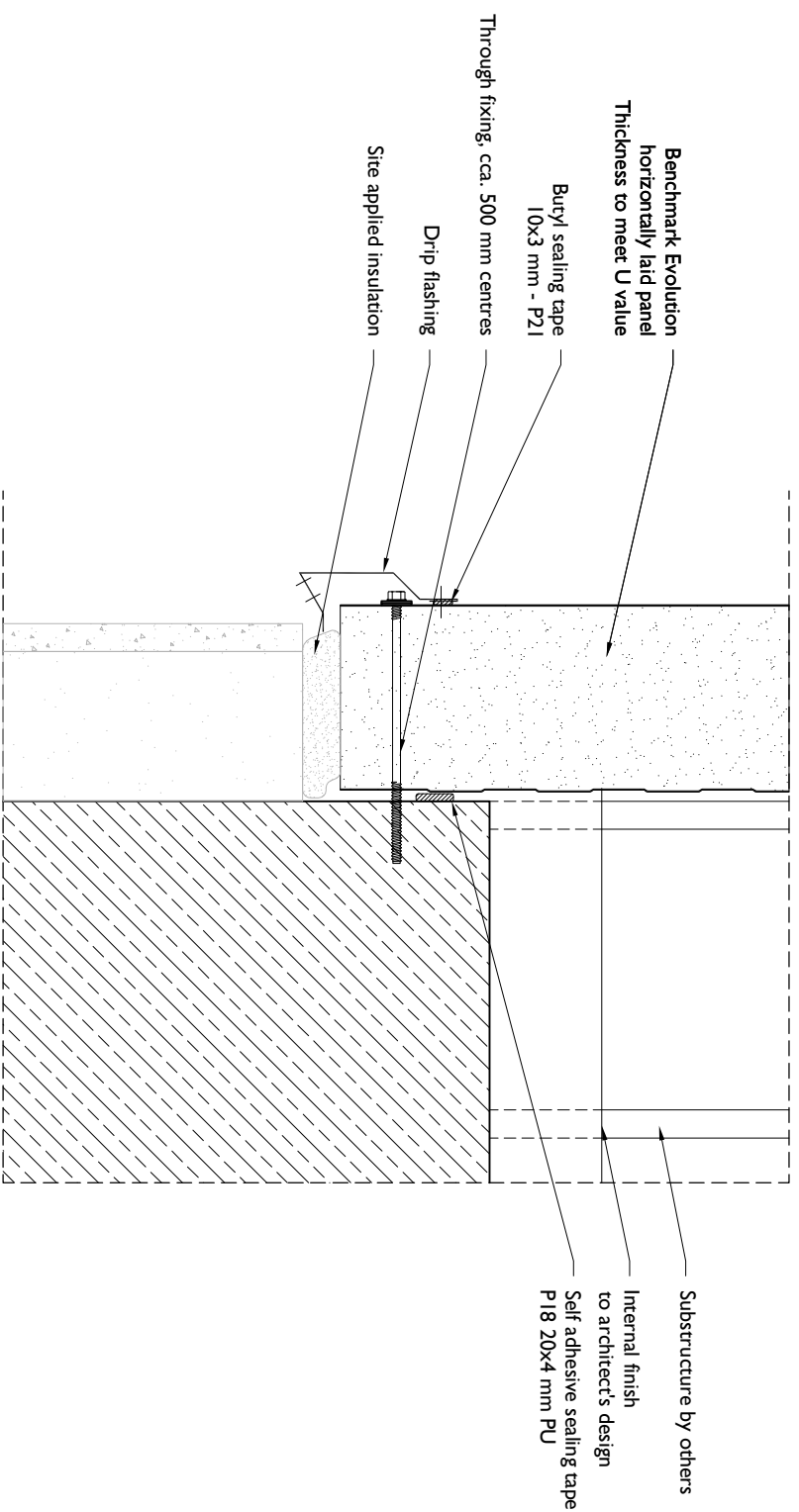
Drawing N.: KF-EVO-502-xxxx-04

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Drip detail with cut panel

Drawn By: BB Date: 2015-09-25

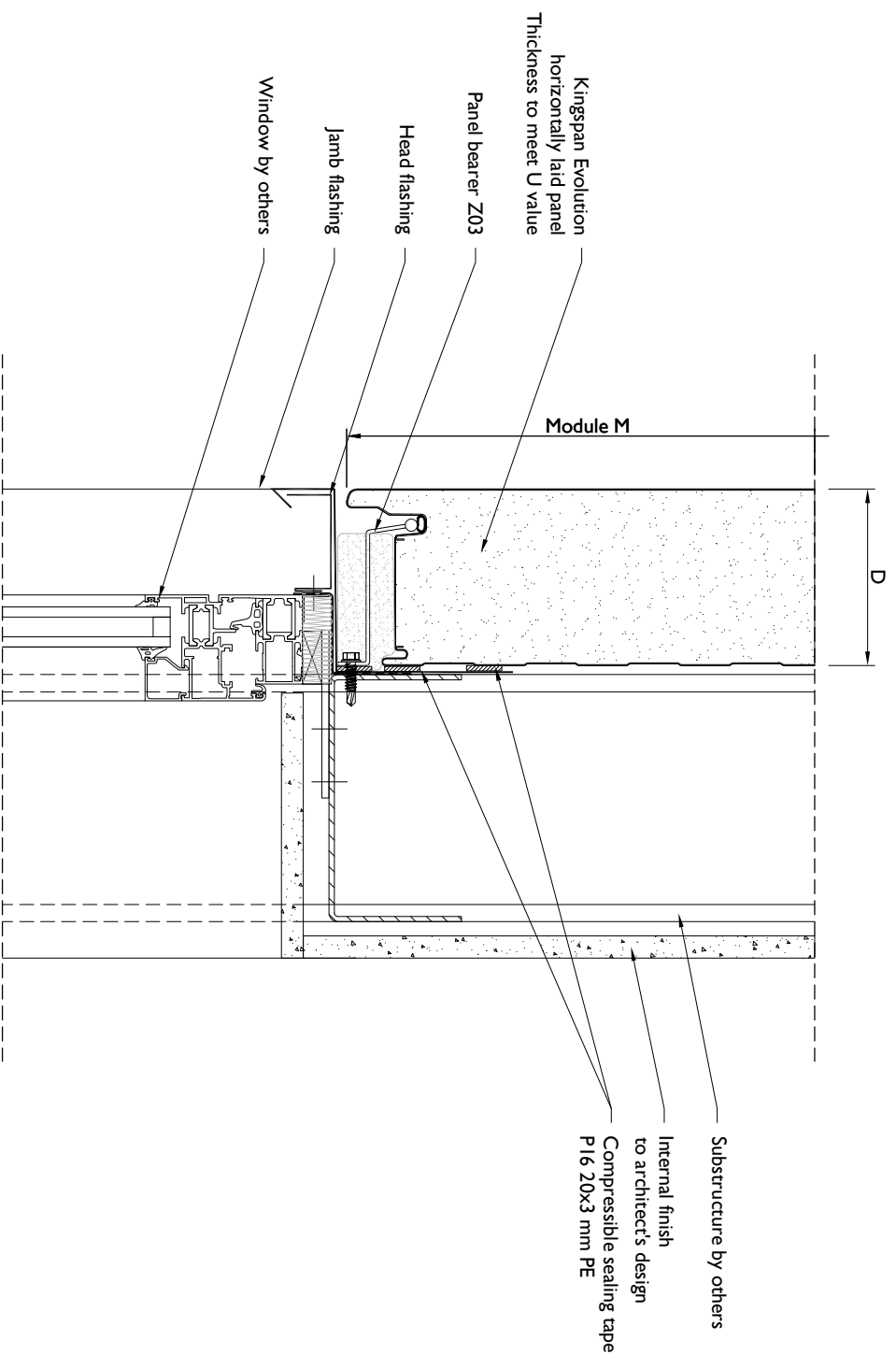
Drawing N.: KF-EVO-503-xxxx-04 Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Modular window - head detail

Drawn By: BB

Date: 2015-09-25

Drawing N.: KF-EVO-601-xxxx-04

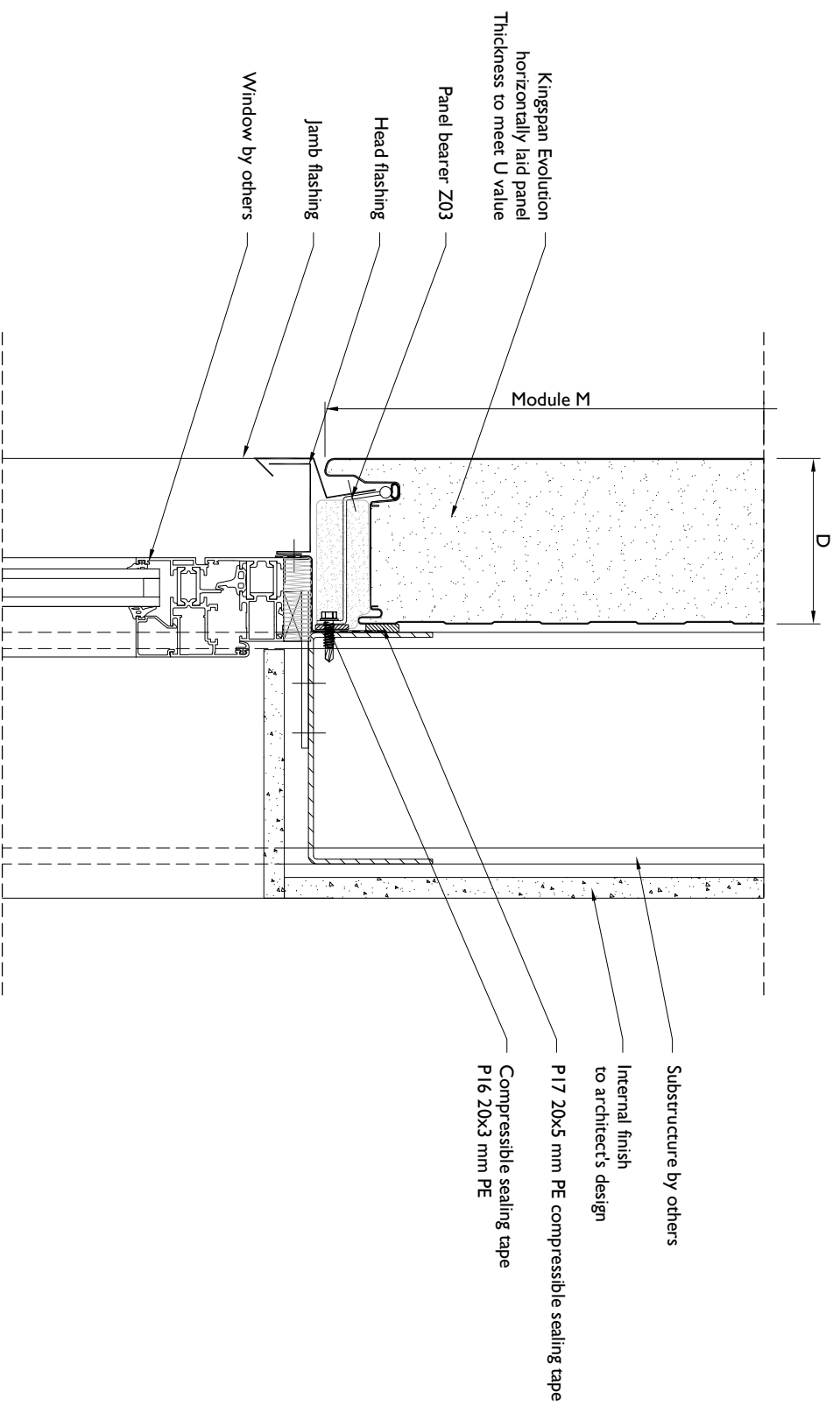
Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Modular window - head detail

Drawn By: BB

Date: 2015-09-25

Drawing N.: KF-EVO-602-xxxx-04

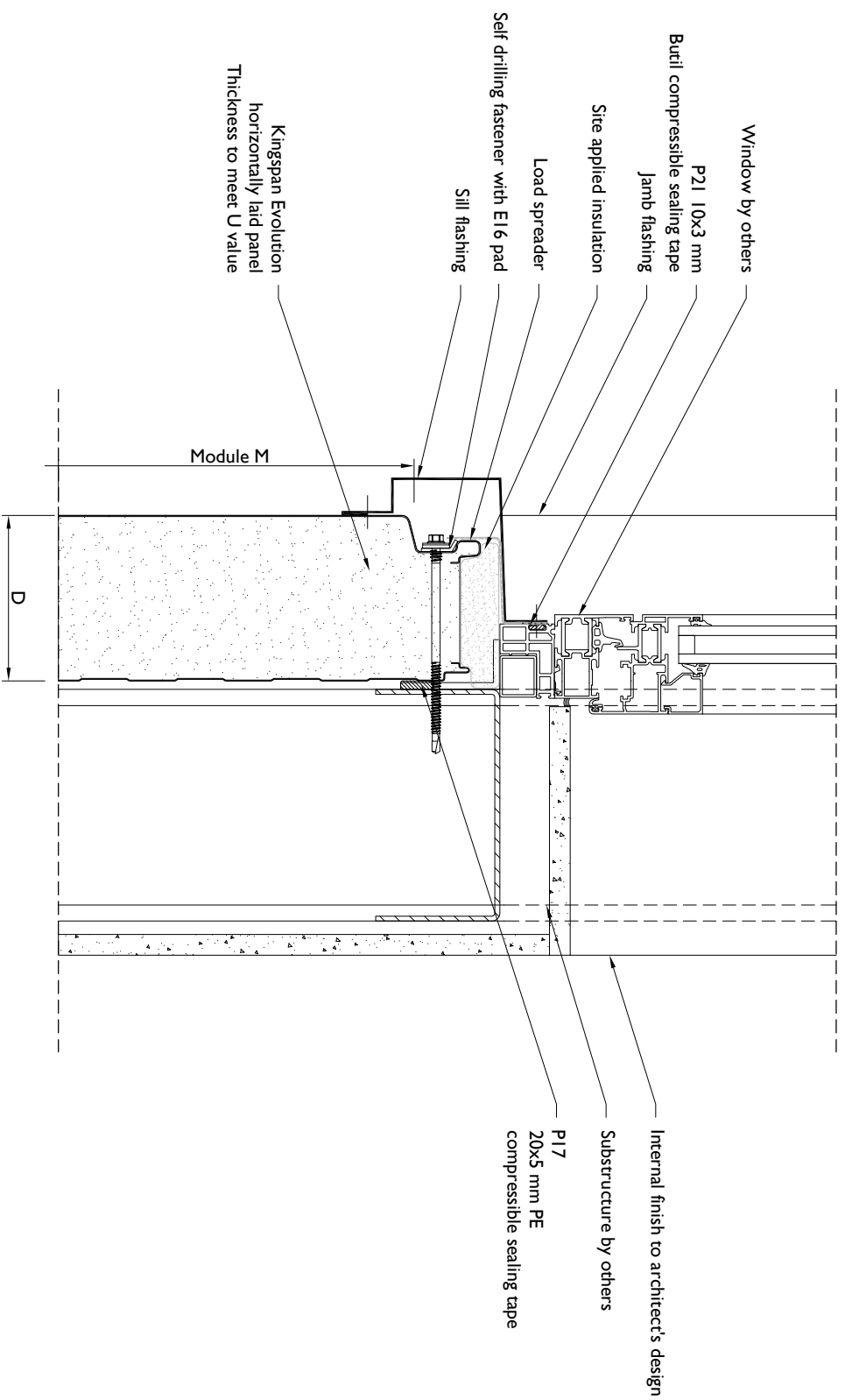
Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Modular window - sill detail

Drawn By: BB

Date: 2015-09-25

Drawing N.: KF-EVO-603-xxxx-04

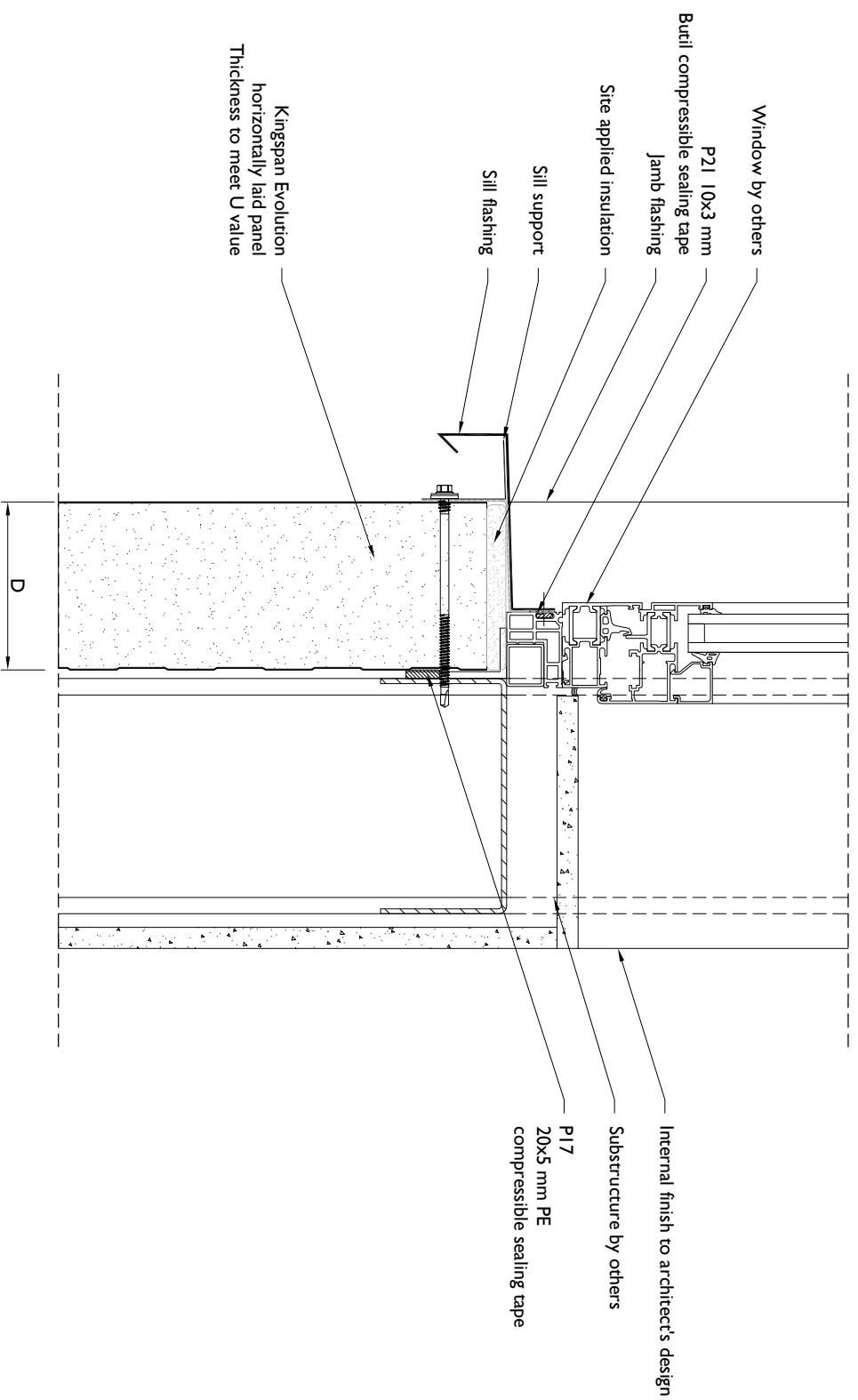
Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Nonmodular window - sill detail

Drawn By: BB

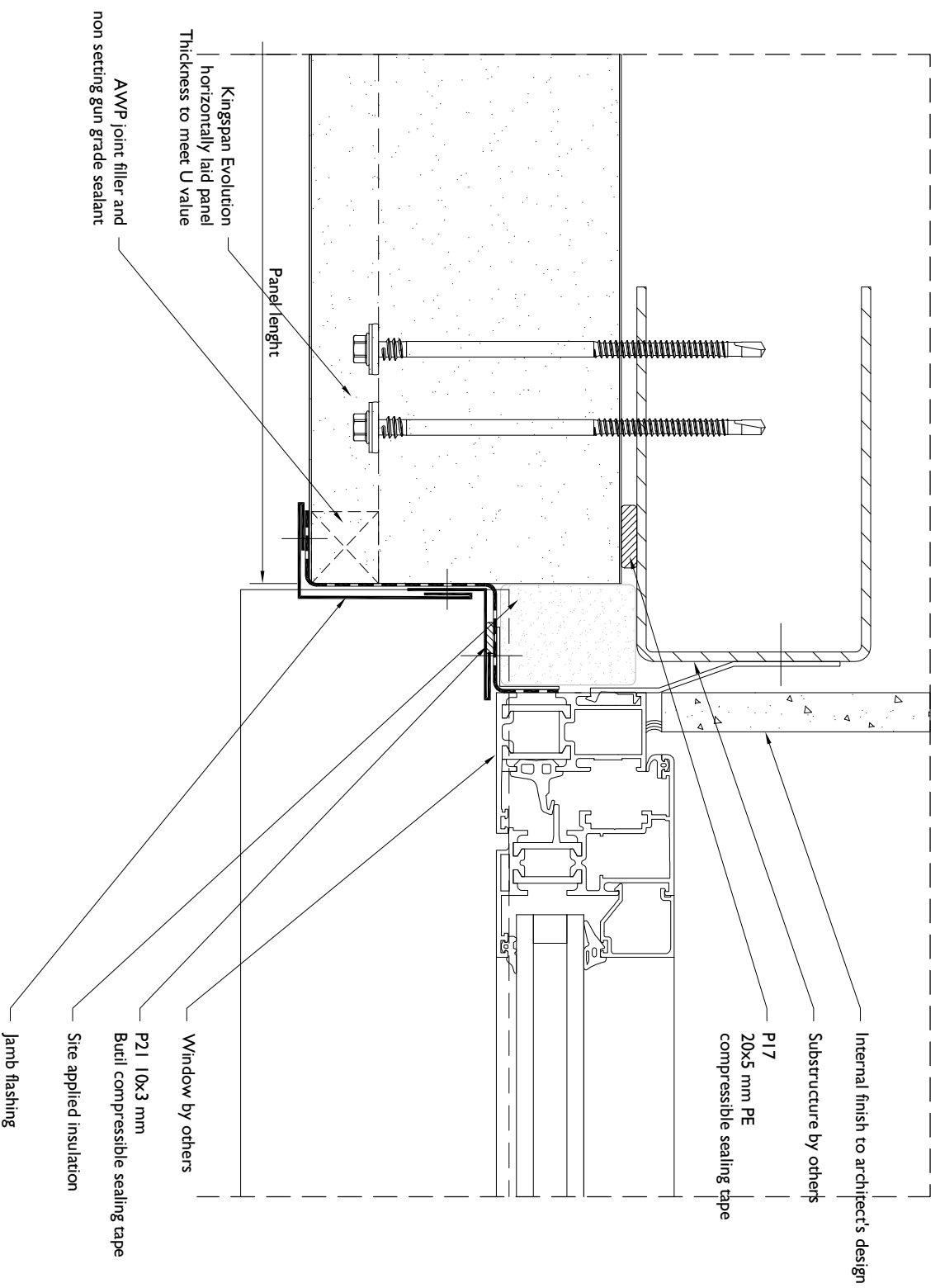
Date: 2015-09-25

Drawing N.: KF-EVO-604-xxxx-04

Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Nonmodular window - jamb detail

Drawn By: BB

Date: 21.12.2017

Drawing N.: KF-EVO-605-xxxx-04

Rev: AH

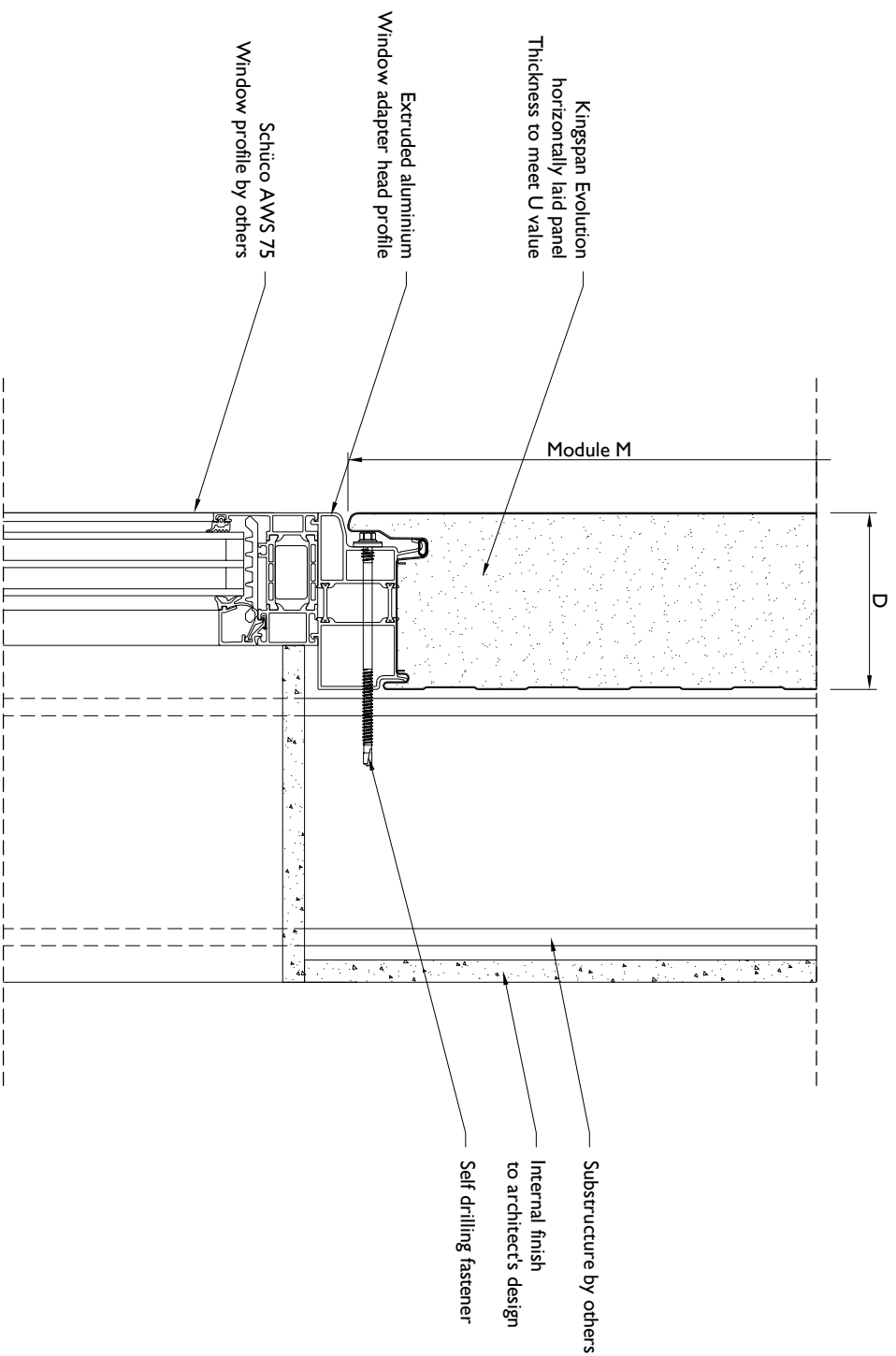
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Project: General Construction Details

System: Evolution

Drawing Title: Modular window - head detail

Drawn By: BB

Date: 2015-09-25

Drawing N.: KF-EVO-611-xxxx-04

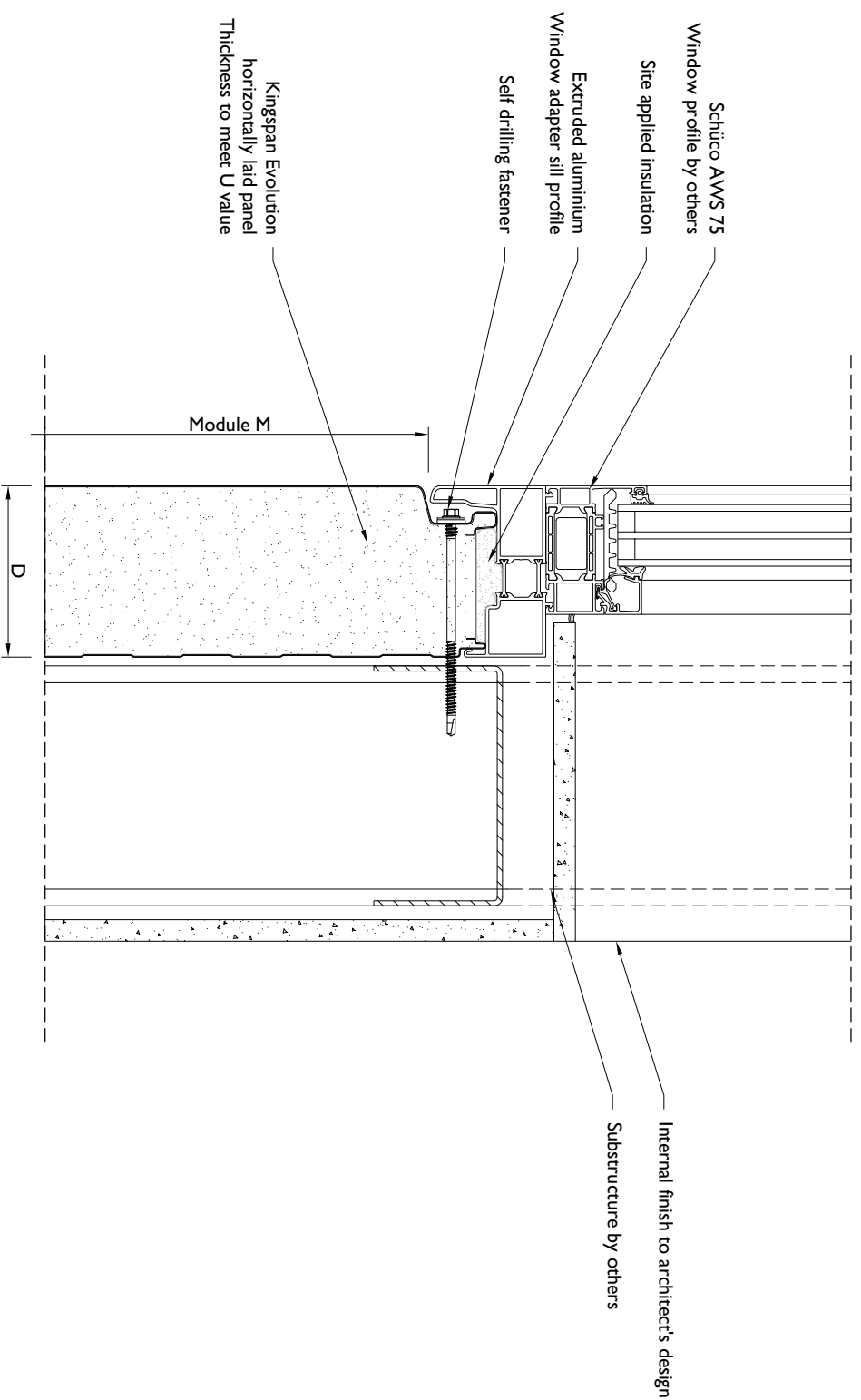
Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Window sill with window adapter

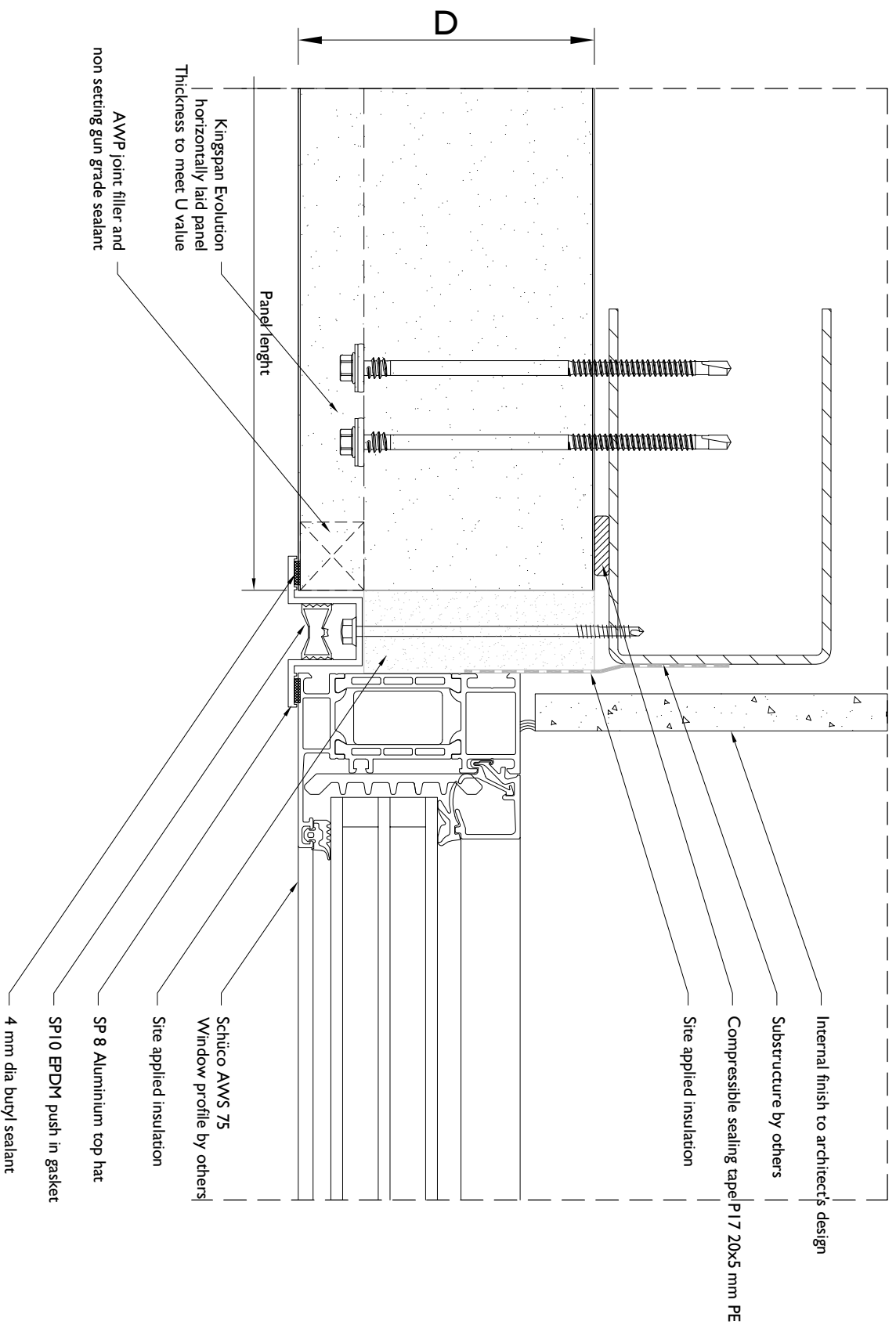
Drawn By: BB Date: 2015-09-25

Drawing N.: KF-EVO-612-xxxx-01 Rev: AH

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




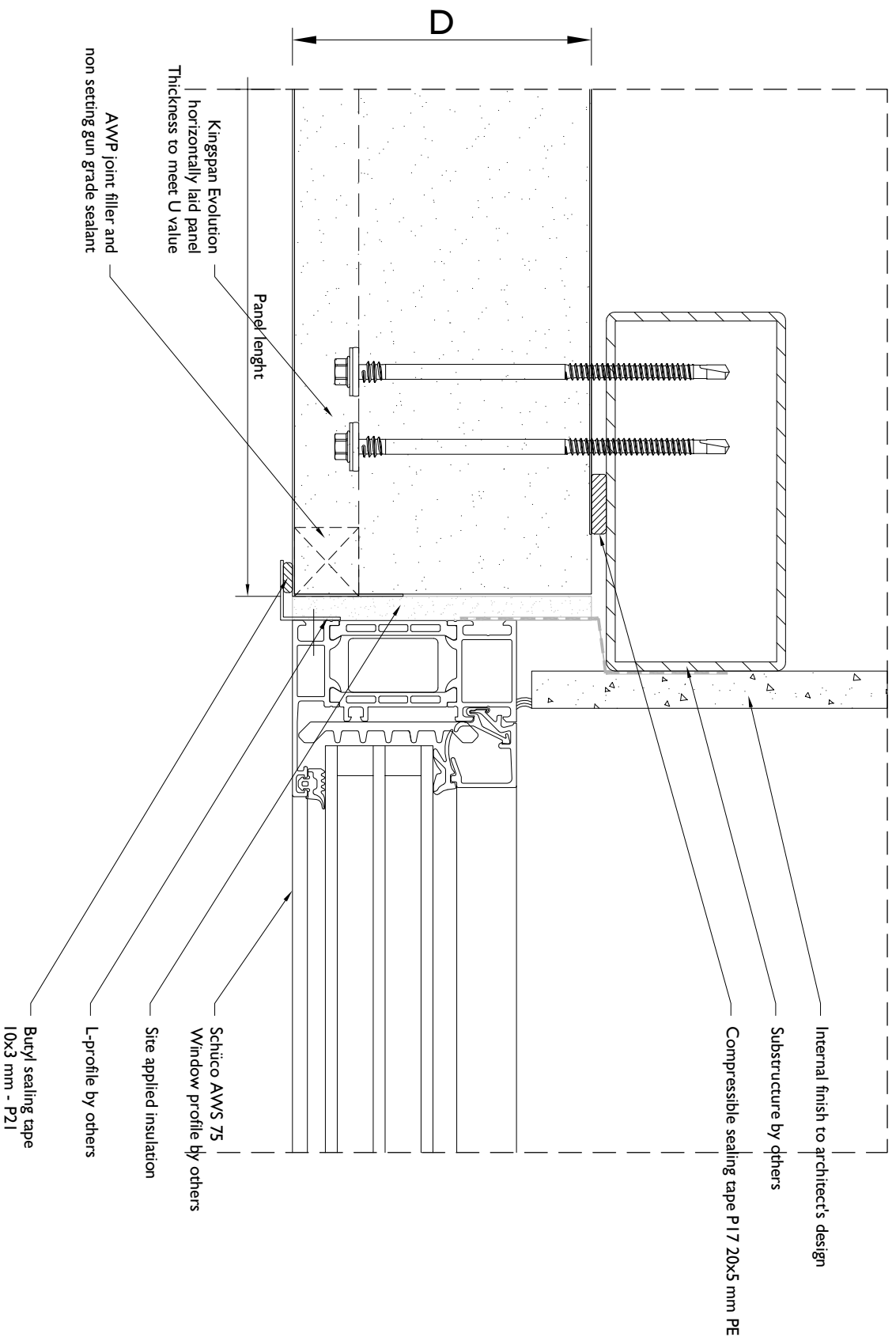
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Project: General Construction Details		Kingspan Facades Europe	
System: Evolution		 Facades	
Drawing Title: Window jamb with top hat profile			
Drawn By: BB			
Date: 21.12.2017			
Drawing N.: KF-EVO-613-xxxx-04		Rev: AH	
www.kingspanfacades.com		© Kingspan 2014	

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Project: General Construction Details

System: Evolution

Drawing Title: Window jamb with recessed gasket

Drawn By: BB

Date: 21.12.2017

Drawing N.: KF-EVO-614-xxxx-01

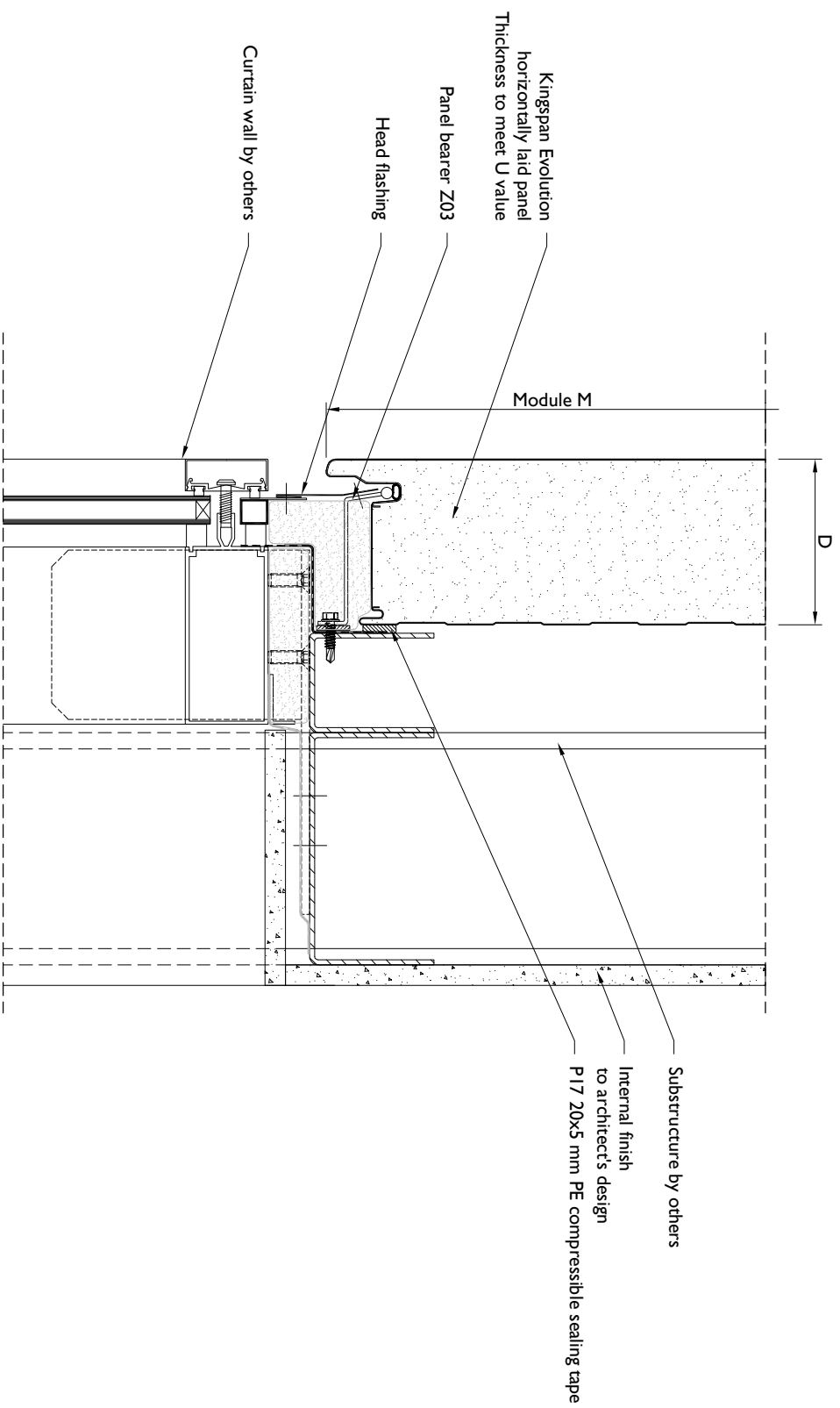
Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Curtain wall - head detail

Drawn By: BB Date: 2015-09-25

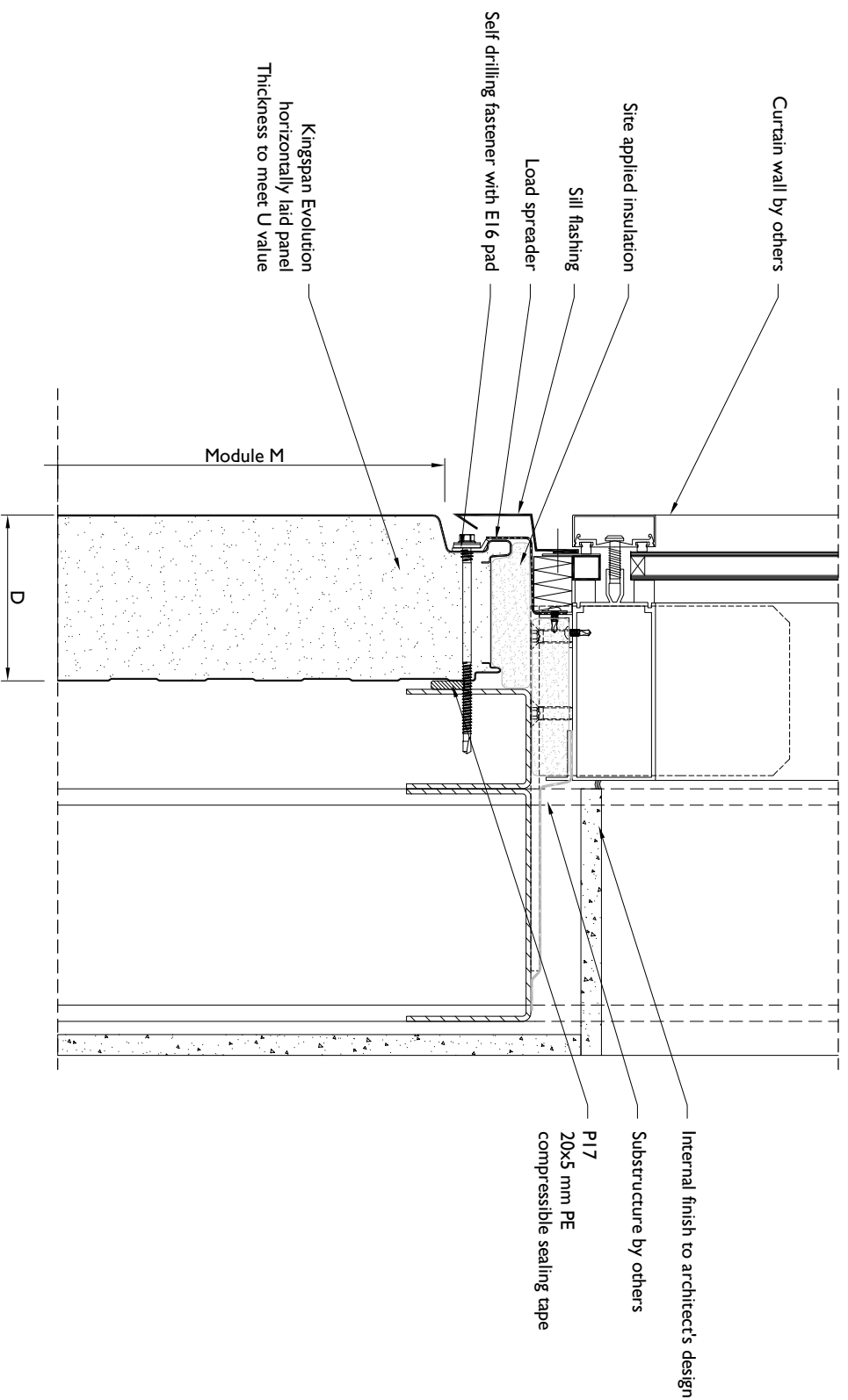
Drawing N.: KF-EVO-701-xxxx-04 Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Curtain wall - sill detail

Drawn By: BB

Date: 2015-09-25

Drawing N.: KF-EVO-702-xxxx-04

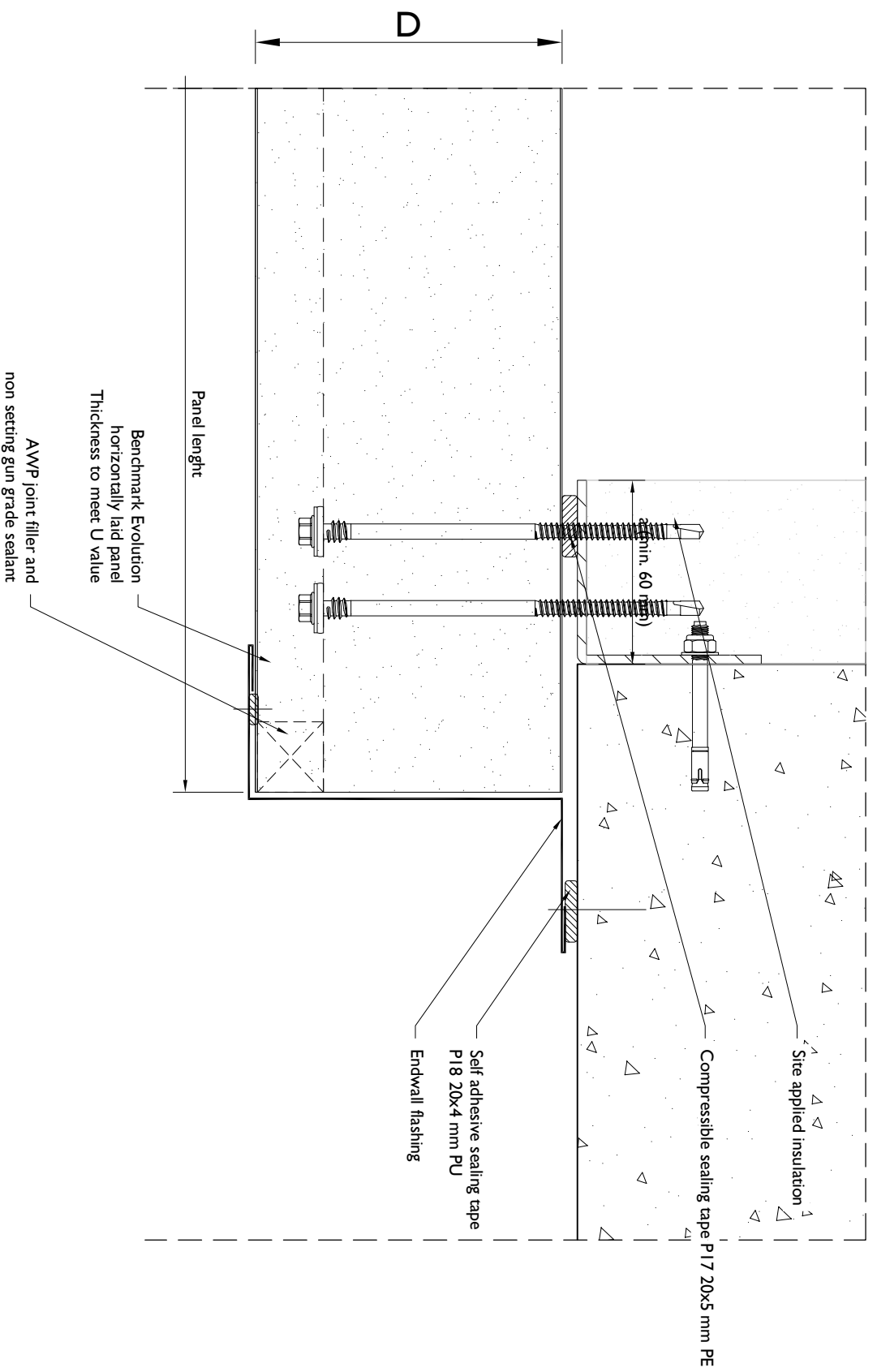
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Project: General Construction Details

System: Evolution

Drawing Title: Endwall detail

Drawn By: BB

Date: 21.12.2017

Drawing N.: KF-EVO-801-xxxx-01

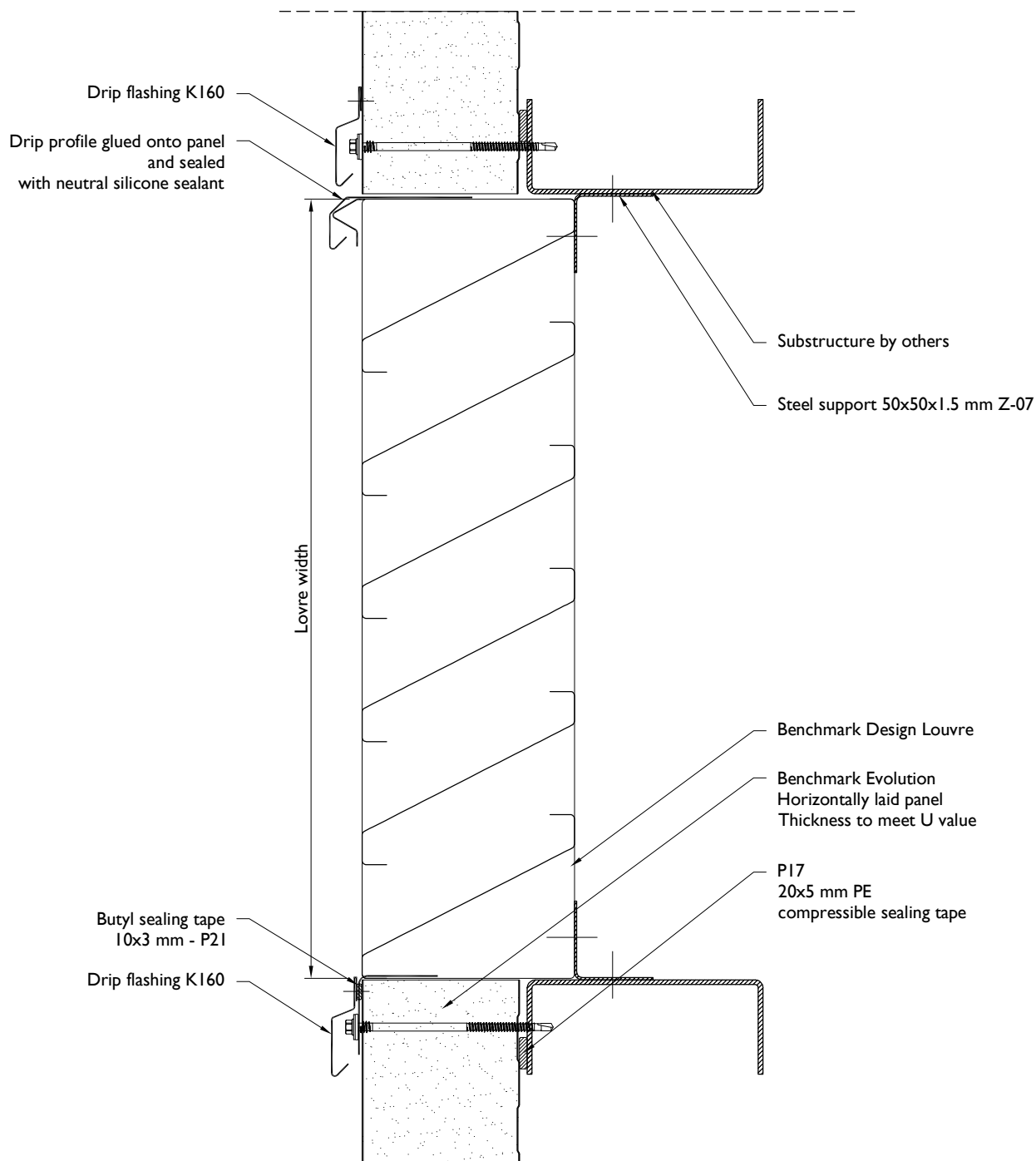
Rev: AH

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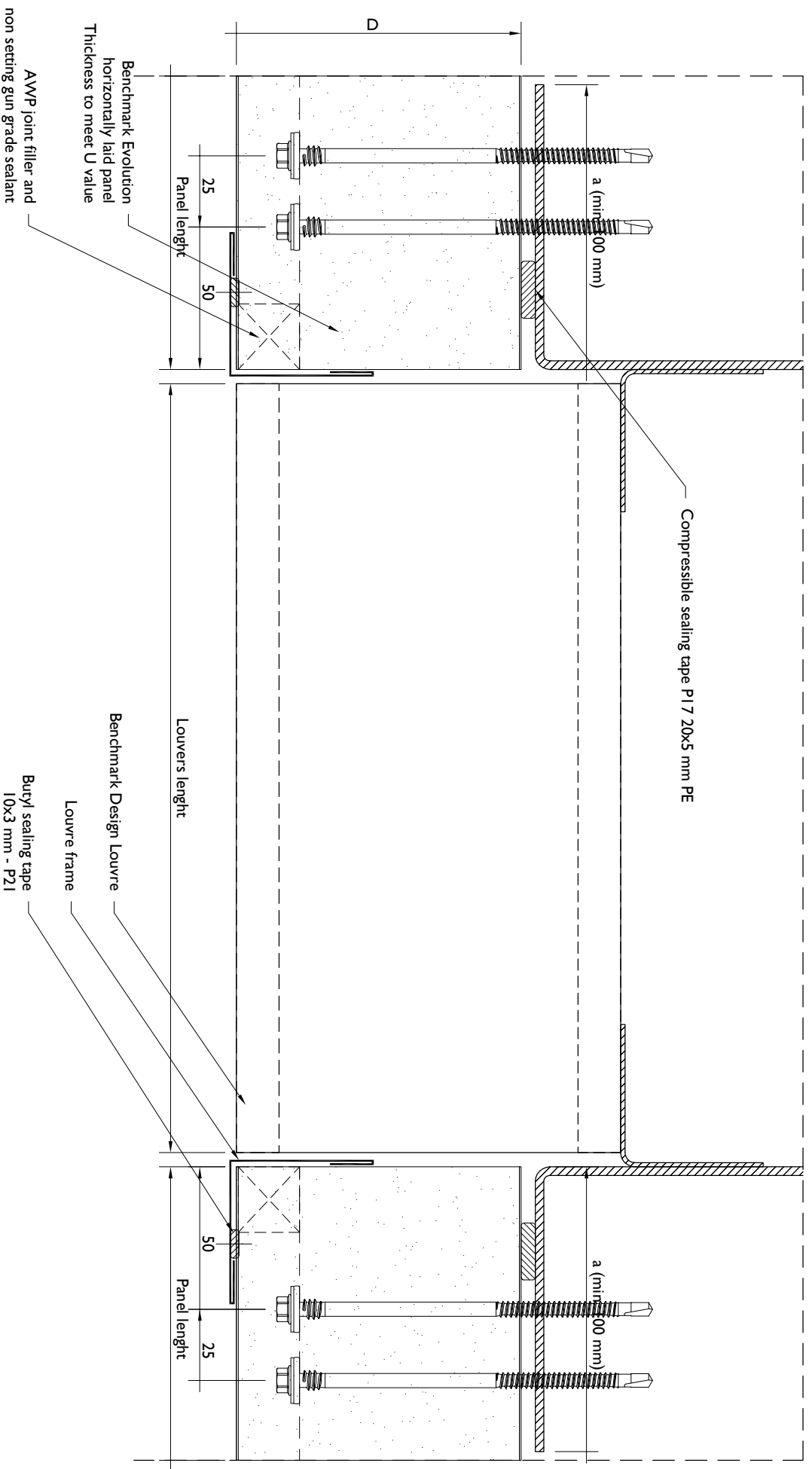




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Project: General Construction Details		Kingspan Facades Europe	
System: Evolution			
Drawing Title: Louvre vertical section		www.kingspanfacades.com	
Drawn By: BB	Date: 2015-09-25		
Drawing N.: KF-EVO-901-xxxx-04	Rev: AH	© Kingspan 2014	



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Project: General Construction Details

System: Evolution

Drawing Title: Louvre horizontal section

Drawn By: BB

Date: 21.12.2017

Drawing N.: KF-EVO-902-xxxx-01

Rev: AH

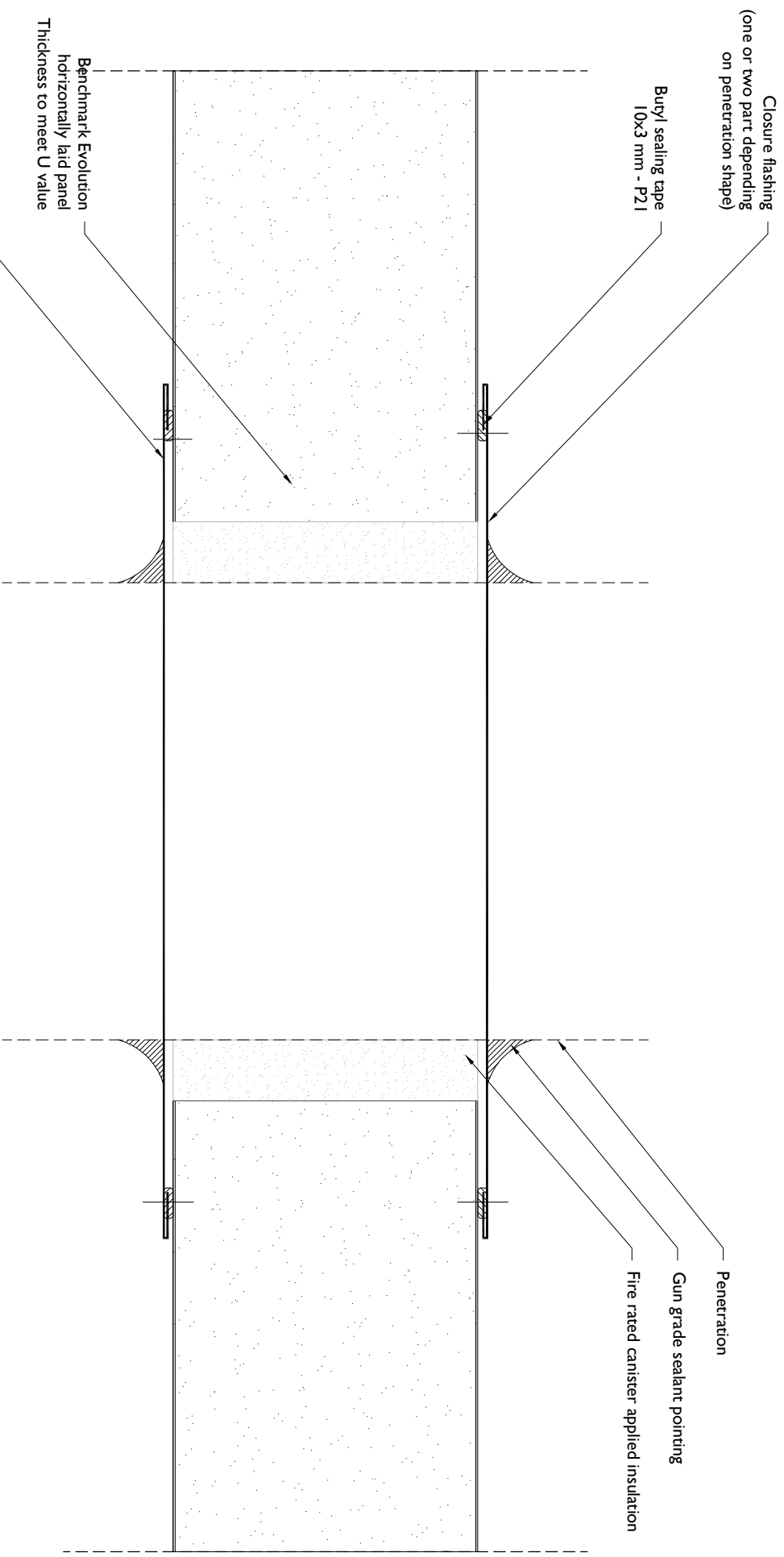
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Note

Where the penetration size exceeds 300 mm trimming supports must be provided.

Project: General Construction Details

System: Evolution

Drawing Title: Penetration detail

Drawn By: BB

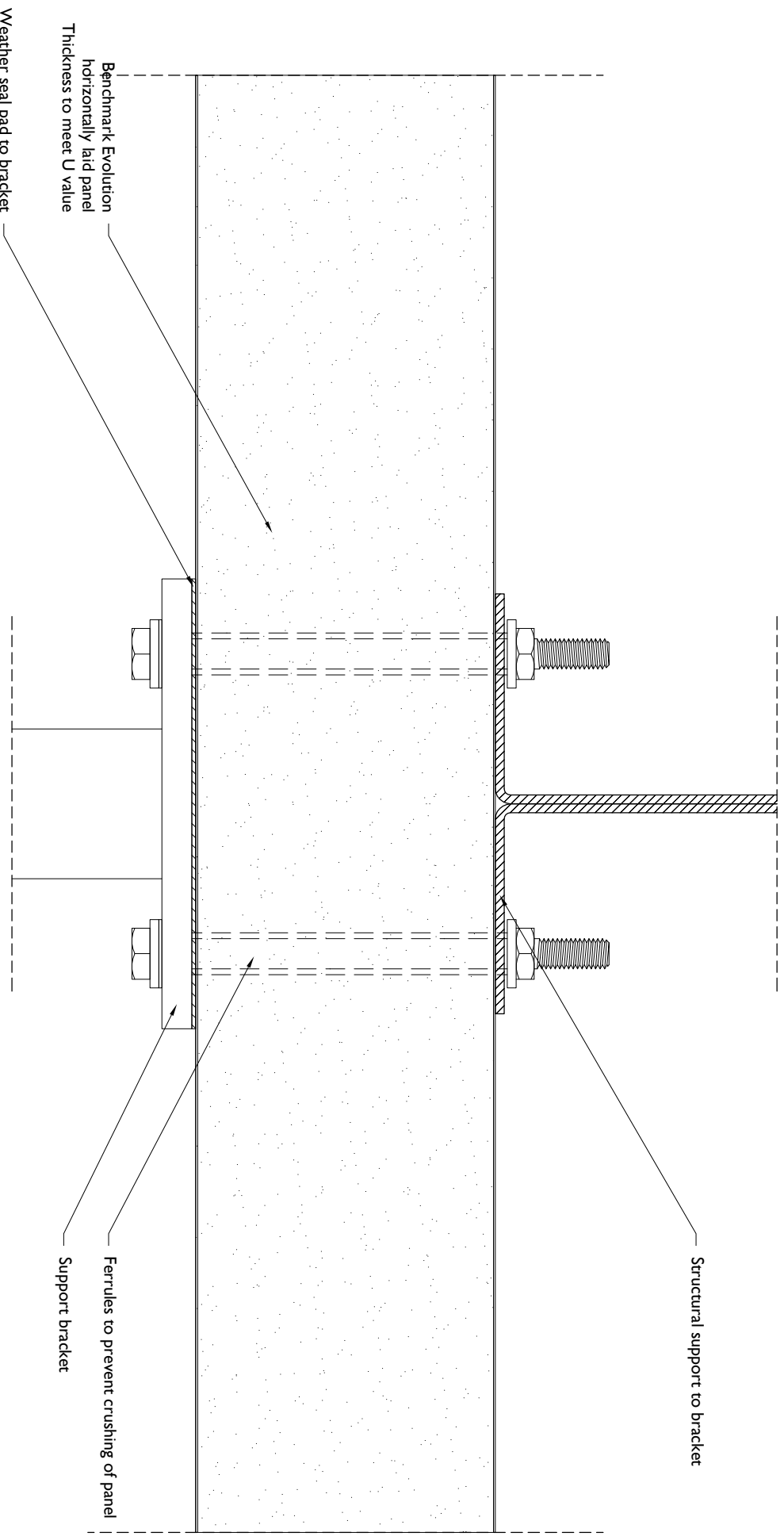
Date: 21.12.2017

Drawing N.: KF-EVO-1001-xxxx-04Rev: AH

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Project: General Construction Details

System: Evolution

Drawing Title: Support bracket

Drawn By: BB

Date: 21.12.2017

Drawing N.: KF-EVO-1002-xxxx-04Rev: AH

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