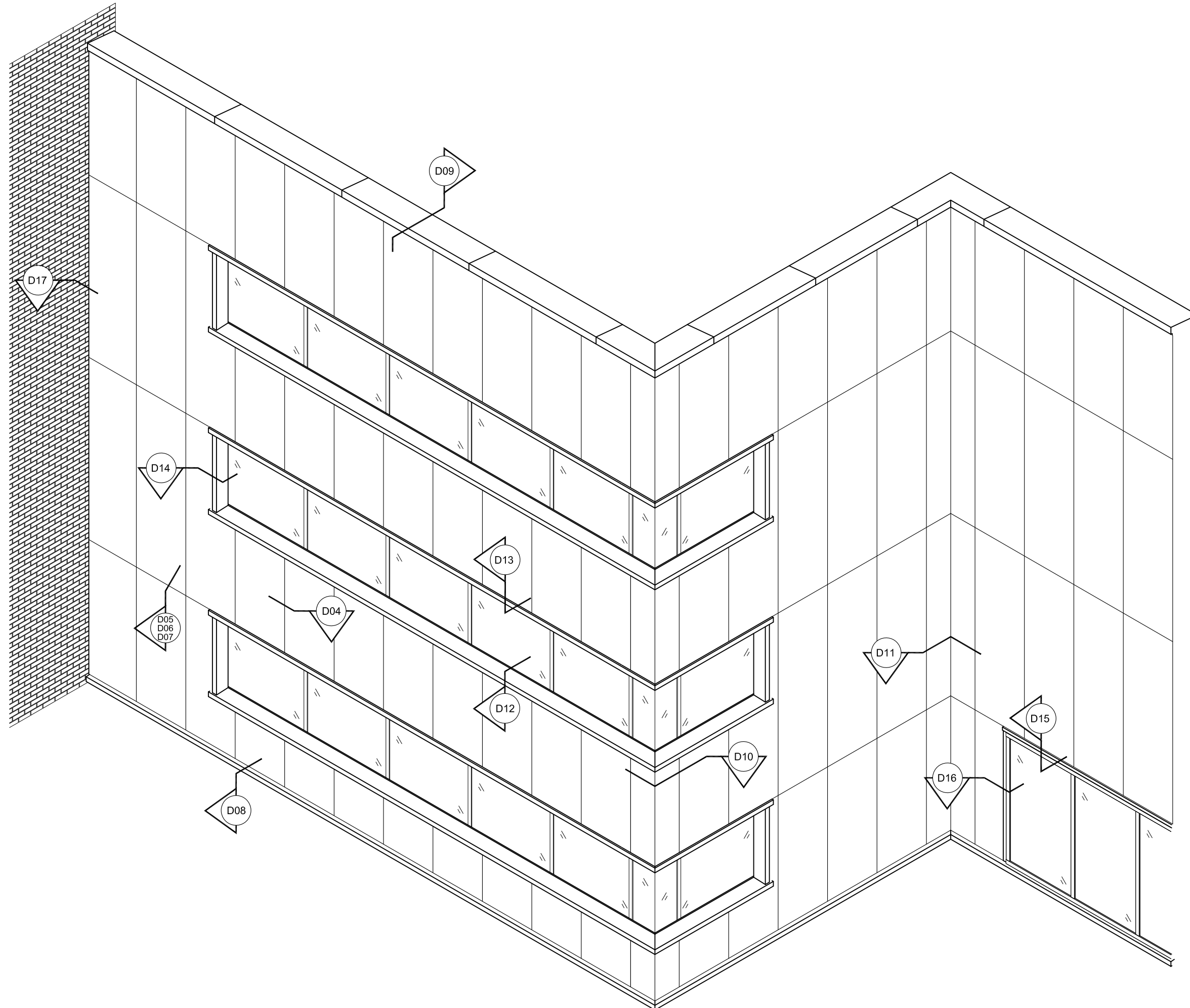




Notes:

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Project

Drawing Title
Evolution Axis (vertically laid) -
Key to Generic Details

Status

Drawn by BT	Checked by	Date 04/11/21
Drawing Number KF/EA/MB/D01		Revision

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Evolution Axis Quadcore



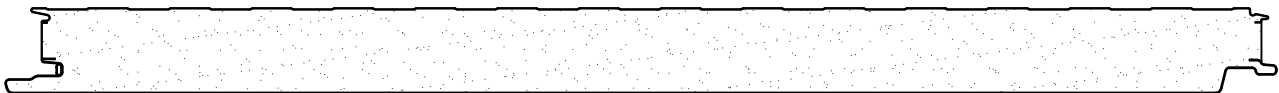
Thickness 45mm
U Value 0.46 W/m²K



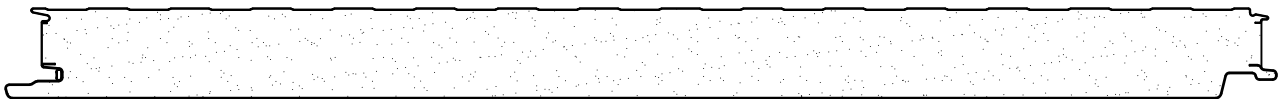
Thickness 54mm
U Value 0.35 W/m²K



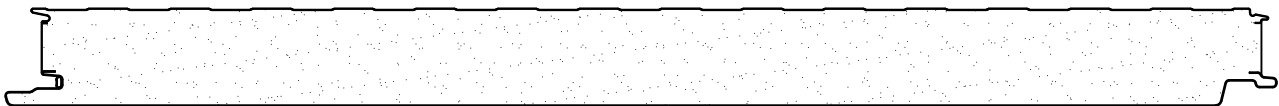
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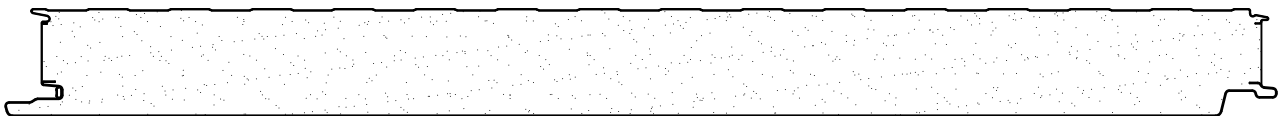
Thickness 70mm
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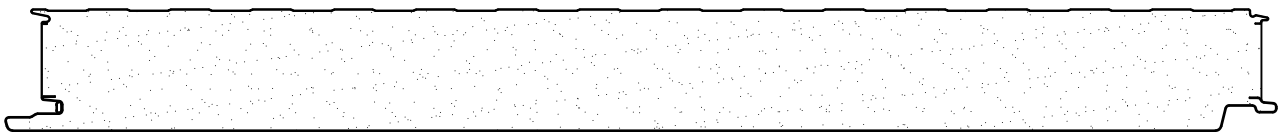
Thickness 74mm
U Value 0.25 W/m²K



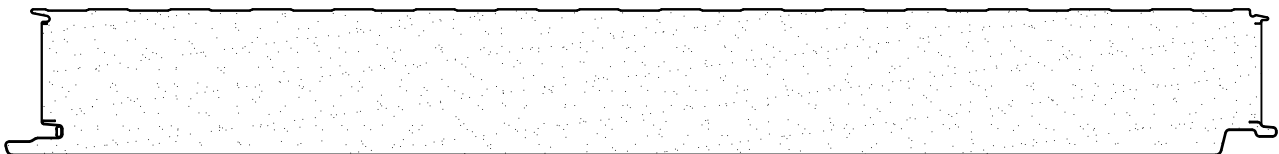
Thickness 80mm
U Value 0.23 W/m²K



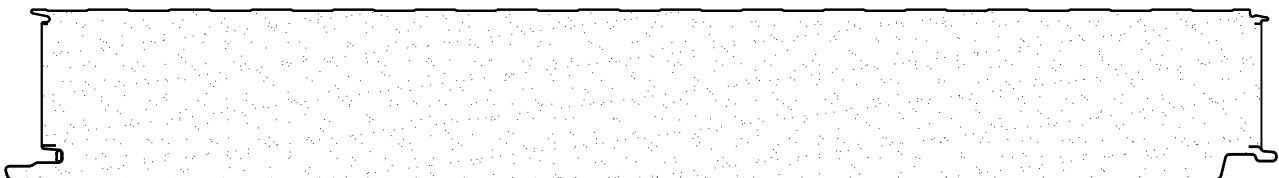
Thickness 88mm
U Value 0.21 W/m²K



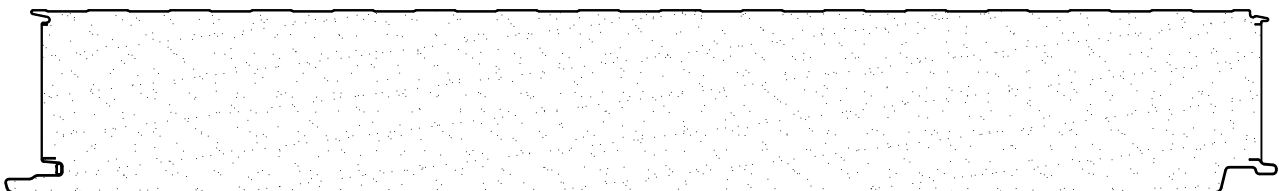
Thickness 100mm
U Value 0.19 W/m²K



Thickness 120mm
U Value 0.15 W/m²K



Thickness 140mm
U Value 0.13 W/m²K



Thickness 150mm
U Value 0.12 W/m²K

Standard Cover widths - 600, 900 and 1000mm

Non-standard cover widths - 601 to 899 and 901 to 999 in 1mm increments.
Subject to minimum order quantity of 100 lin M per non-standard cover width

Notes:

Rev	Description	Chkd	Date
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Drawing Title

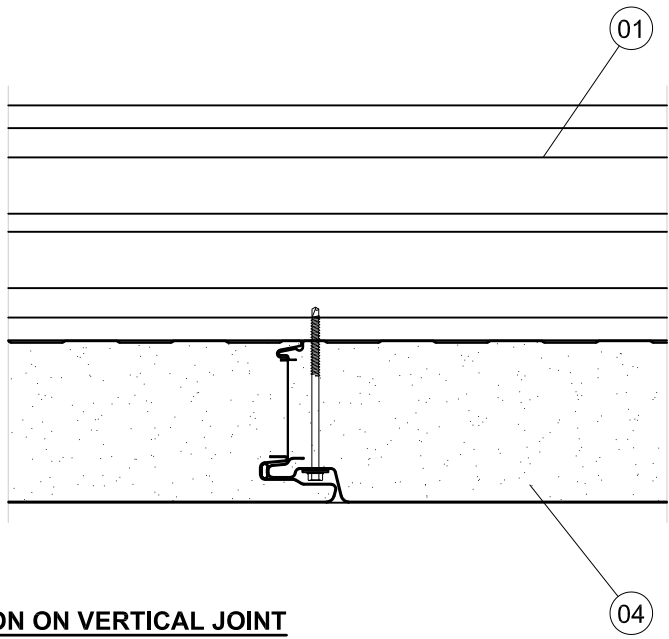
Evolution Axis Panels

Status

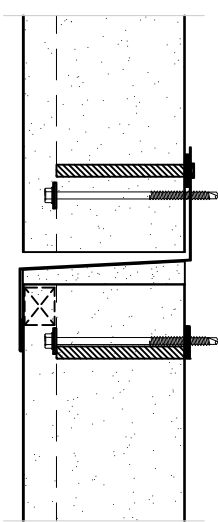
Drawn by	Checked by	Date
BT		04/11/21

Drawing Number	Revision
KF/EA/MB/D02	

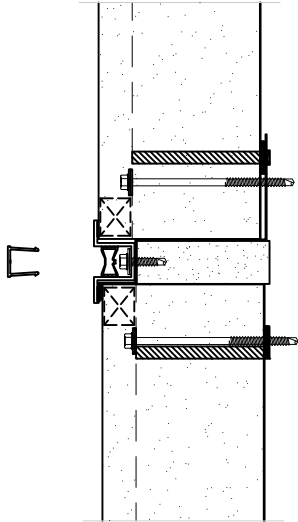
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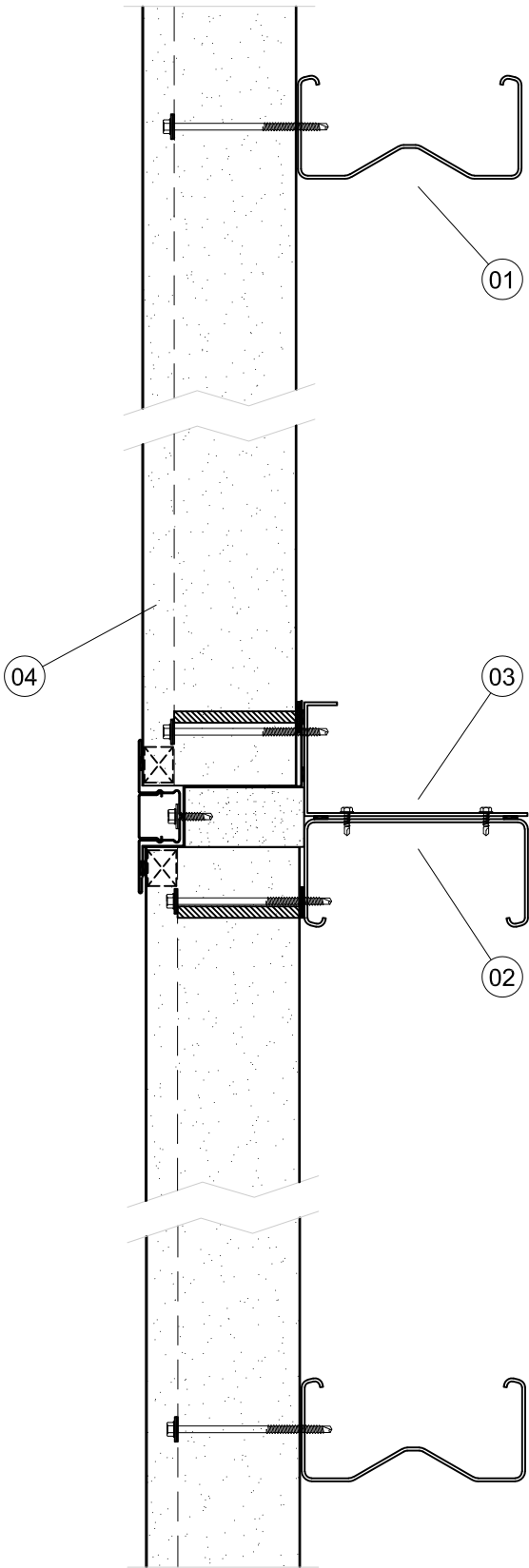
PLAN SECTION ON VERTICAL JOINT



HORIZONTAL FLASHING



SYSTEM Z JOINT



VERTICAL SECTION - SYSTEM X JOINT

- 01 Multibeam Rail
- 02 Multichannel Rail
- 03 1.6mm thk galv'd m.s. flange extension sealed to rail
- 04 Evolution Axis Panel



Notes:

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Project

Drawing Title

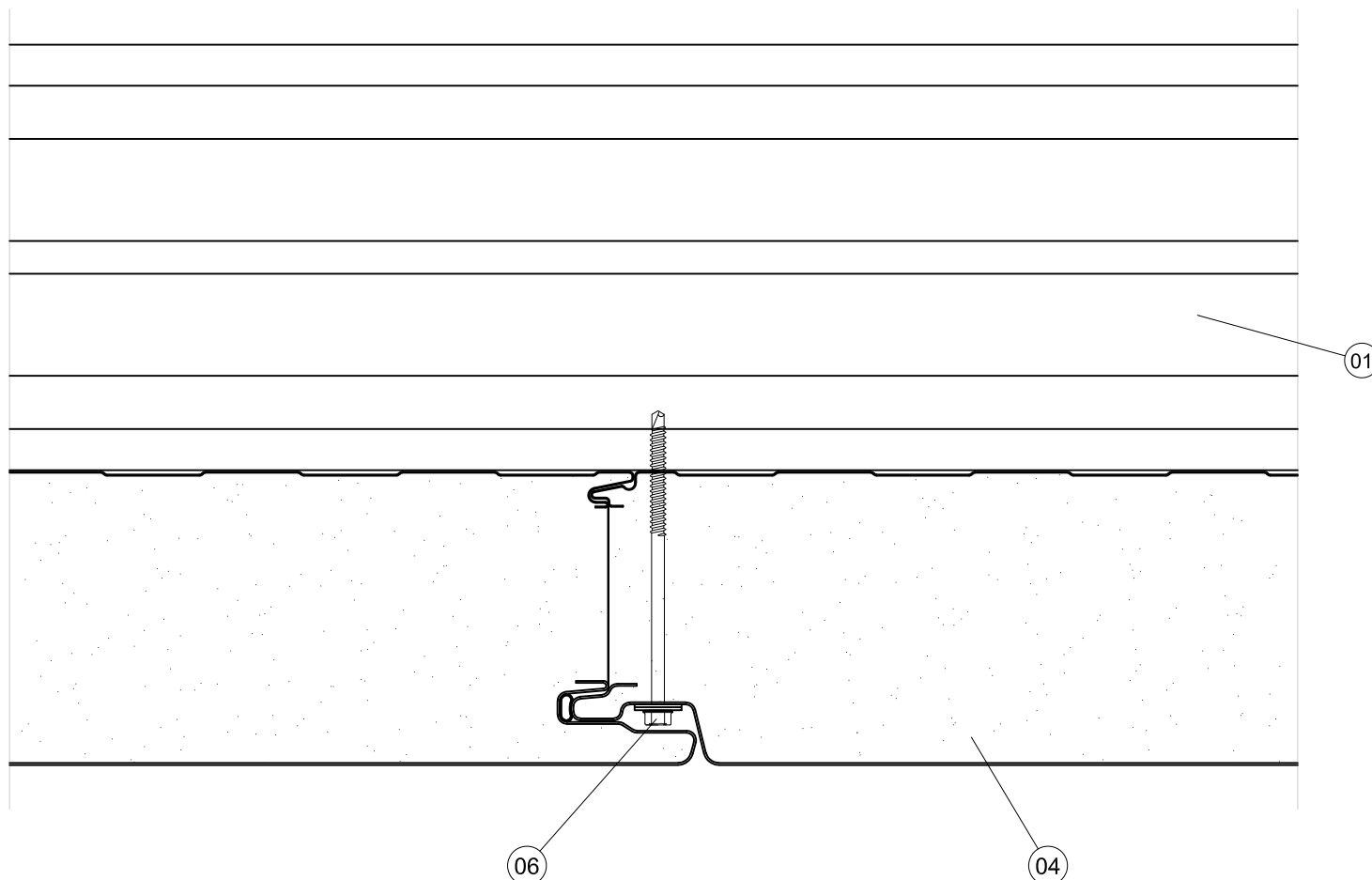
Evolution Axis - System Layout

Status

Drawn by BT	Checked by	Date 04/11/21
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Drawing Number KF/EA/MB/D03	Revision
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PLAN SECTION ON VERTICAL JOINT

- 01 Multibeam Rail
- 04 Evolution Axis Panel
- 06 Panel fasteners

Notes:

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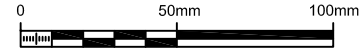
Project

Drawing Title
Evolution Axis - Vertical Joint

Status

Drawn by BT	Checked by	Date 04/11/21
Drawing Number KF/EA/MB/D04		Revision

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Project

Drawing Title

**Evolution Axis - System X
Horizontal Joint**

Status

Drawn by

BT

Checked by

Date

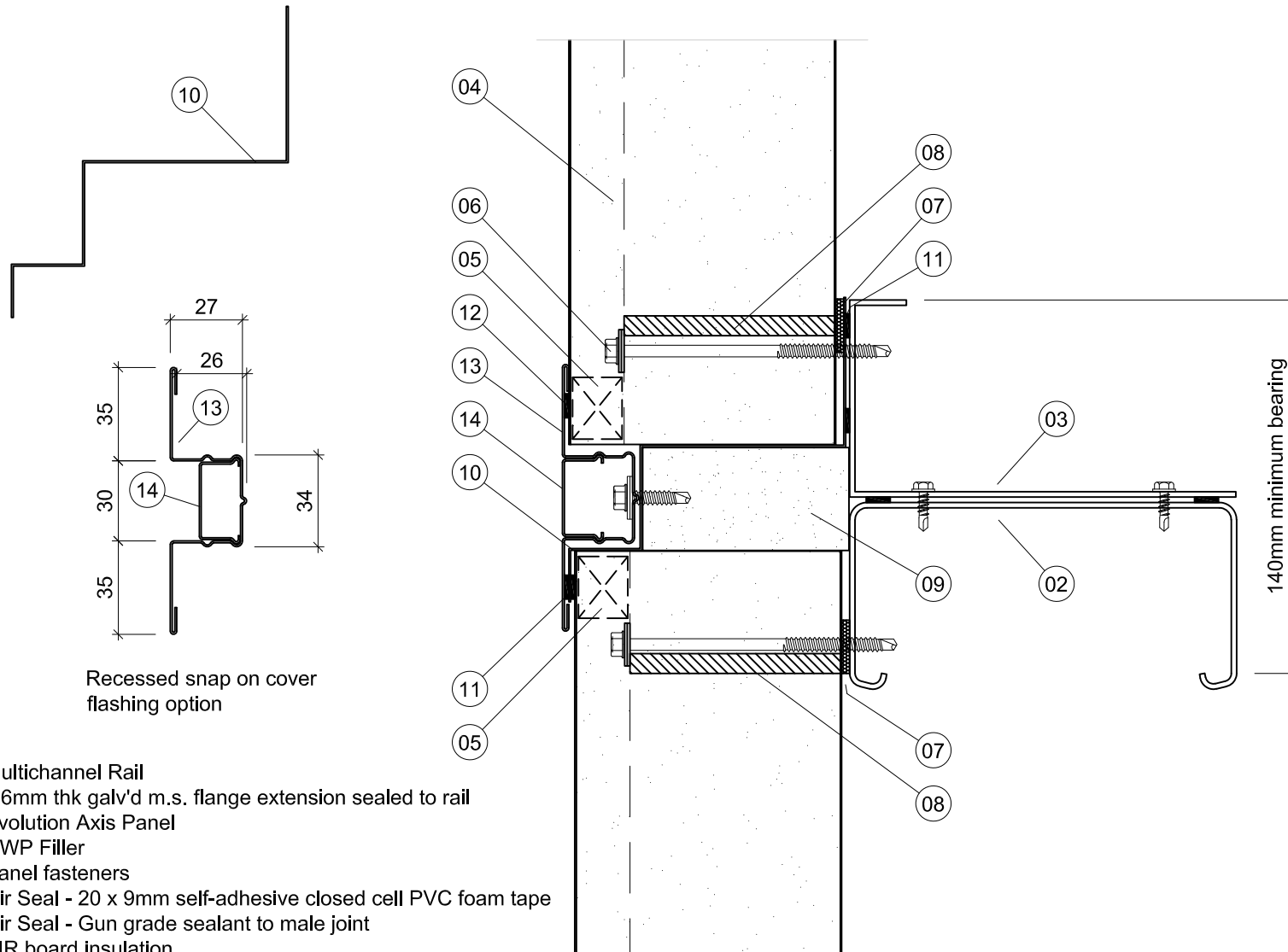
04/11/21

Drawing Number

KF/EA/MB/D05

Revision

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Recessed snap on cover
flashing option

- 02 Multichannel Rail
- 03 1.6mm thk galv'd m.s. flange extension sealed to rail
- 04 Evolution Axis Panel
- 05 AWP Filler
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 08 Air Seal - Gun grade sealant to male joint
- 09 PIR board insulation
- 10 Internal closure flashing
- 11 9 x 1.5mm butyl rubber sealant
- 12 4mm dia bead of butyl rubber sealant
- 13 Snap on receiver flashing Ref: SP5
- 14 Snap on cover flashing Ref: SP7



Notes:

Rev	Description	Chkd	Date



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Project

Drawing Title

**Evolution Axis -
System Z Horizontal Joint**

Status

Drawn by

BT

Checked by

Date

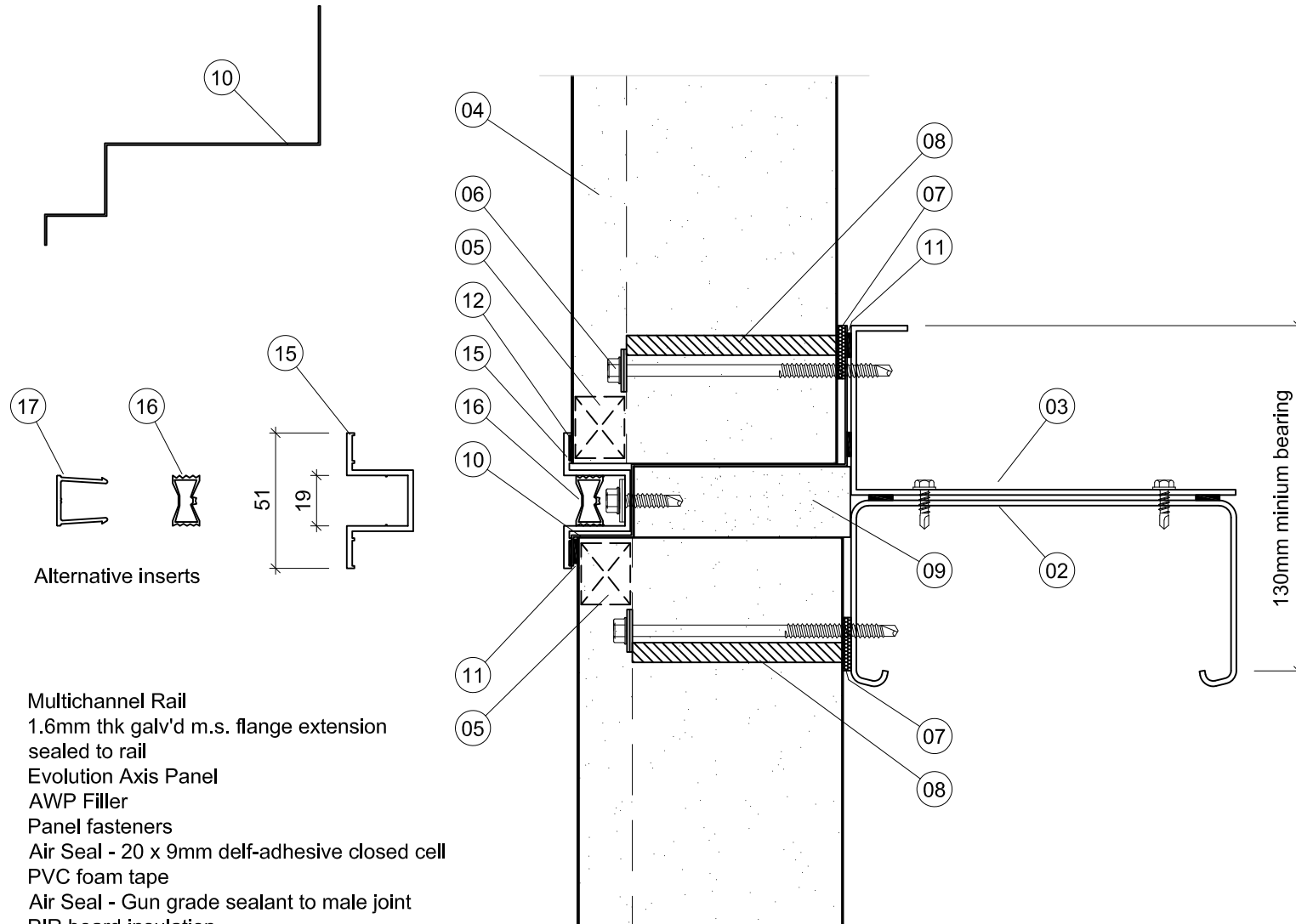
04/11/21

Drawing Number

KF/EA/MB/D06

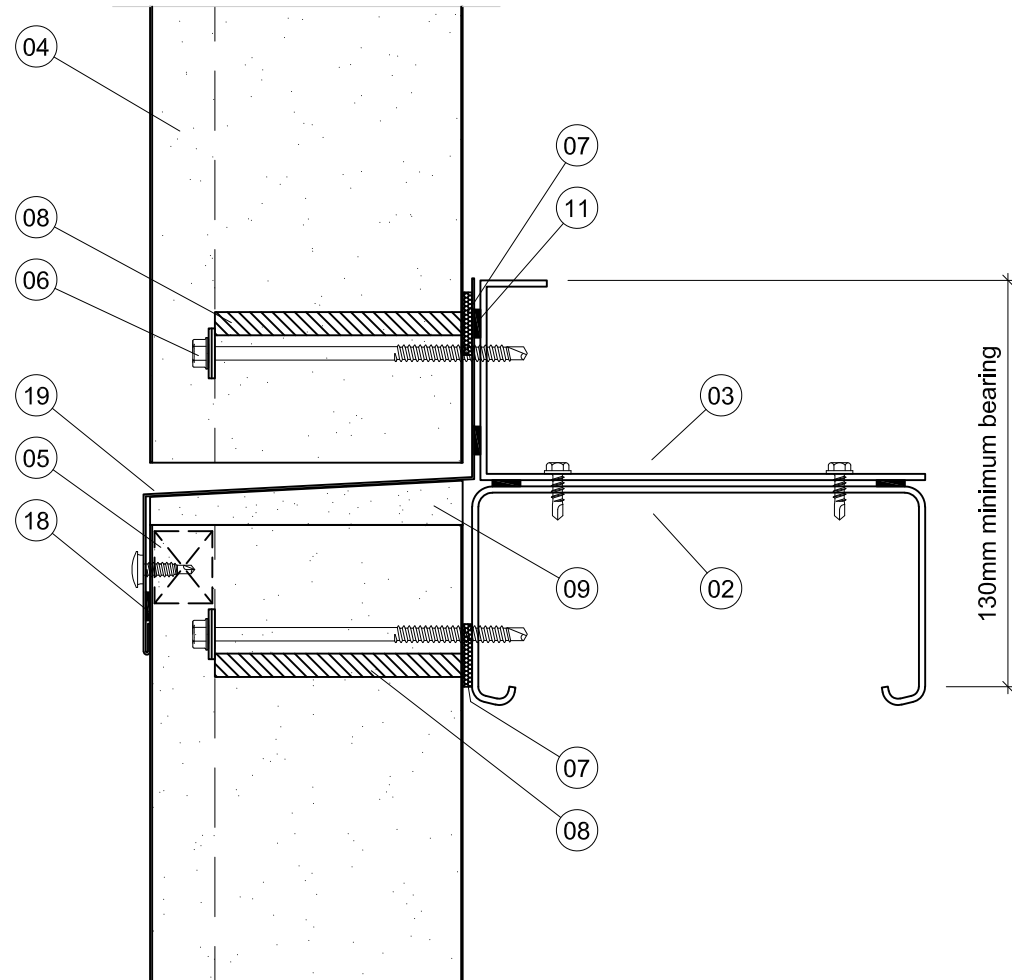
Revision

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Alternative inserts

- 02 Multichannel Rail
- 03 1.6mm thk galv'd m.s. flange extension sealed to rail
- 04 Evolution Axis Panel
- 05 AWP Filler
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm delf-adhesive closed cell PVC foam tape
- 08 Air Seal - Gun grade sealant to male joint
- 09 PIR board insulation
- 10 Internal closure flashing
- 11 9 x 1.5mm butyl rubber sealant
- 12 4mm dia bead of butyl rubber sealant
- 15 Extruded aluminium top hat section Ref: SP8
- 16 Push in gasket Ref: SP10
- 17 Aluminium trim Ref: SP9



- 02 Multichannel Rail
03 1.6mm thk galv'd m.s. flange extension sealed to rail
04 Evolution Axis Panel
05 AWP Filler
06 Panel fasteners
07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
08 Air Seal - Gun grade sealant to male joint

- 09 PIR board insulation
11 9 x 1.5mm butyl rubber sealant
18 9 x 3mm butyl rubber sealant
19 Horizontal flashing

Notes:

Rev	Description	Chkd	Date



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Client

Project

Drawing Title

**Evolution Axis - Stack Joint with
Horizontal Flashing**

Status

Drawn by

BT

Checked by

Date

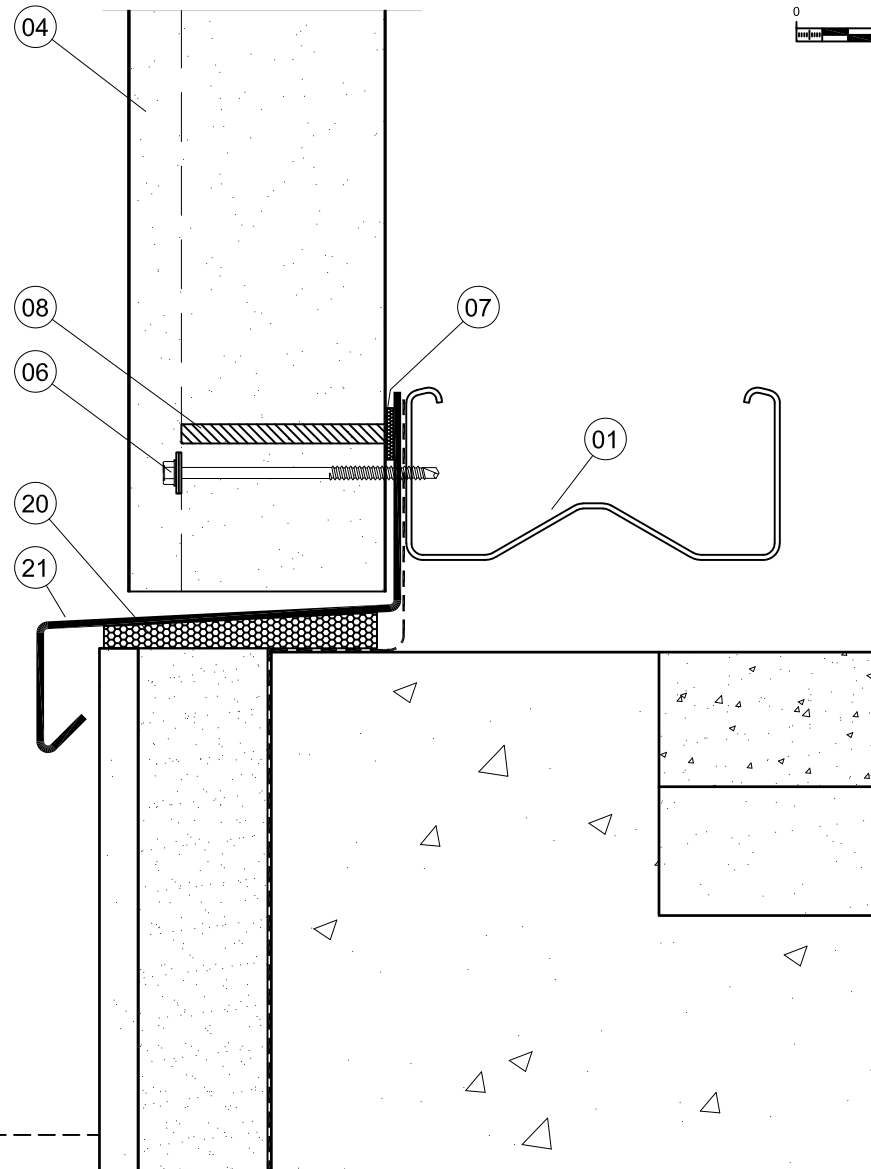
04/11/21

Drawing Number

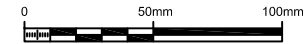
KF/EA/MB/D07

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- 01 Multibeam Rail
- 04 Evolution Axis Panel
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 08 Air Seal - Gun grade sealant to male joint
- 20 PVC foam seal
- 21 Drip flashing



Notes:

Rev	Description	Chkd	Date
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Drawing Title

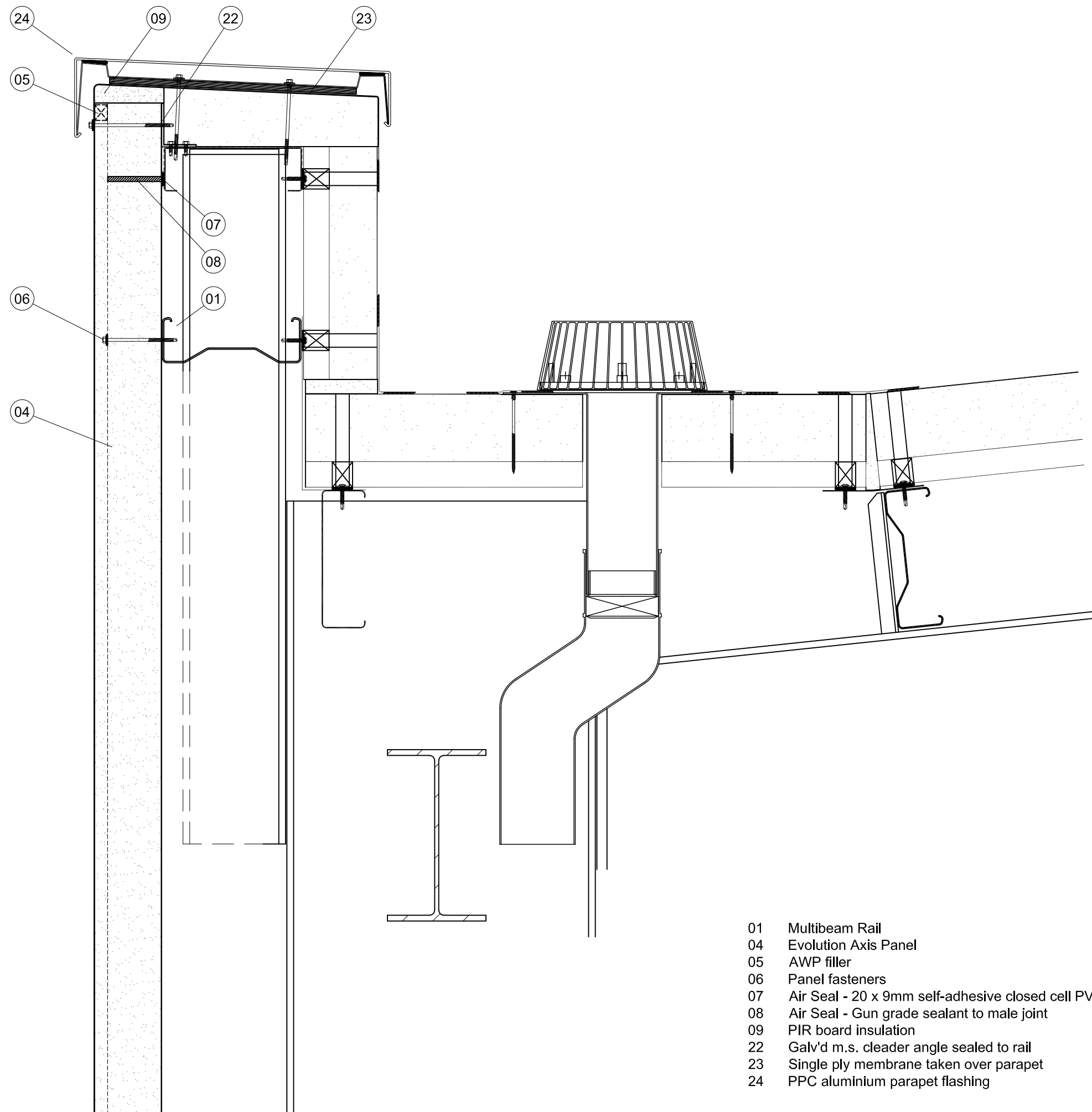
Evolution Axis - Drip Detail

Status

Drawn by	Checked by	Date
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Drawing Number	Revision
KF/EA/MB/D08	

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- 01 Multibeam Rail
- 04 Evolution Axis Panel
- 05 AWP filler
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 08 Air Seal - Gun grade sealant to male joint
- 09 PIR board insulation
- 22 Galv'd m.s. cleader angle sealed to rail
- 23 Single ply membrane taken over parapet
- 24 PPC aluminium parapet flashing

Notes:

Rev	Description	Chkd	Date

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Client

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Drawing Title

Evolution Axis - Parapet Detail

Status

Drawn by	Checked by	Date
BT		04/11/21

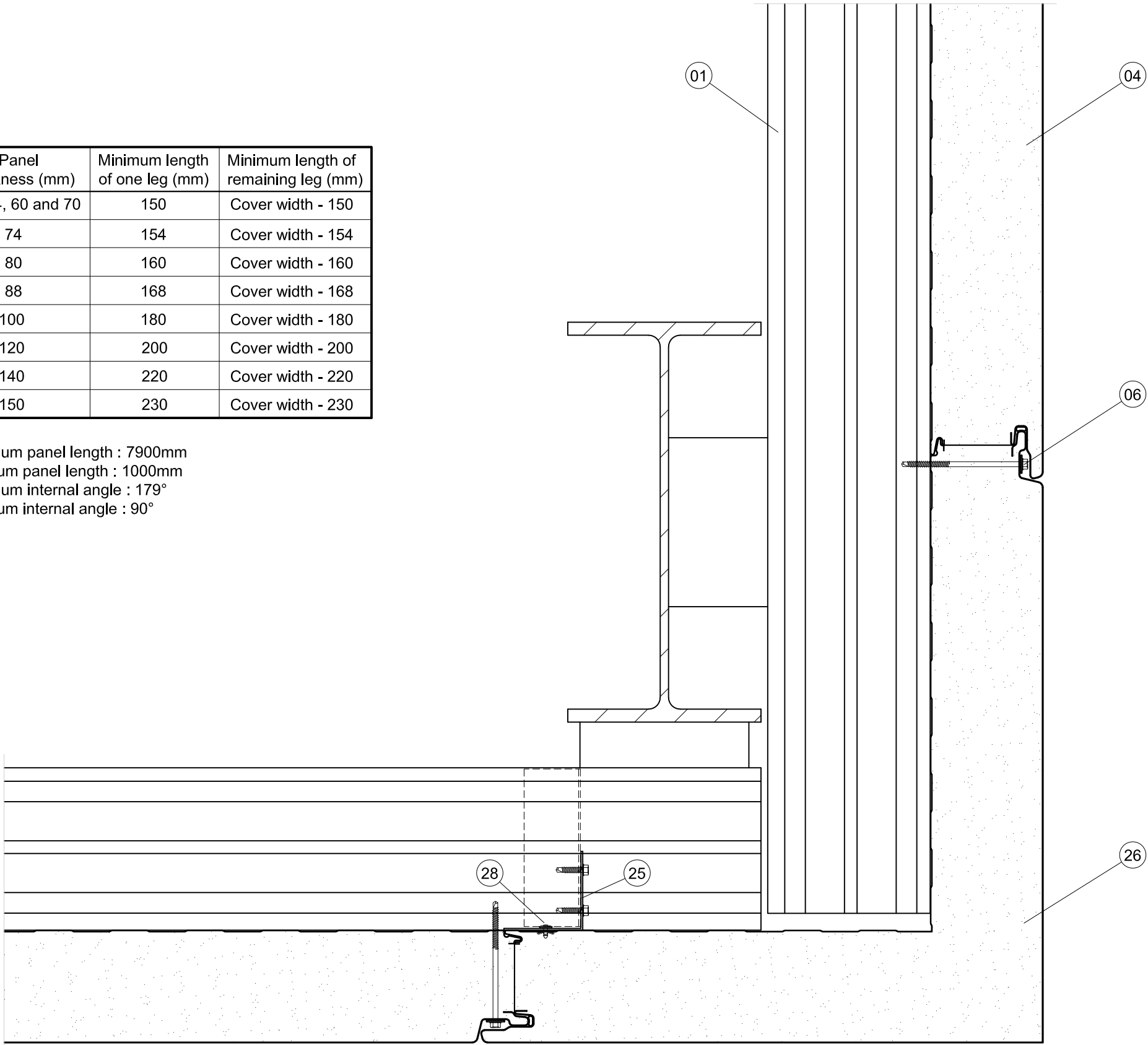
Drawing Number	Revision
KF/EA/MB/D09	

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Panel Thickness (mm)	Minimum length of one leg (mm)	Minimum length of remaining leg (mm)
45, 54, 60 and 70	150	Cover width - 150
74	154	Cover width - 154
80	160	Cover width - 160
88	168	Cover width - 168
100	180	Cover width - 180
120	200	Cover width - 200
140	220	Cover width - 220
150	230	Cover width - 230

Maximum panel length : 7900mm
Minimum panel length : 1000mm
Maximum internal angle : 179°
Minimum internal angle : 90°



- 01 Multibeam Rail
- 04 Evolution Axis Panel
- 06 Panel fasteners
- 25 Continuous galv'd m.s. cleader angle cleated to rails
- 26 Factory formed external corner
- 28 Corner panel retention fasteners at maximum 300mm cr/s

Notes:

Rev	Description	Chkd	Date
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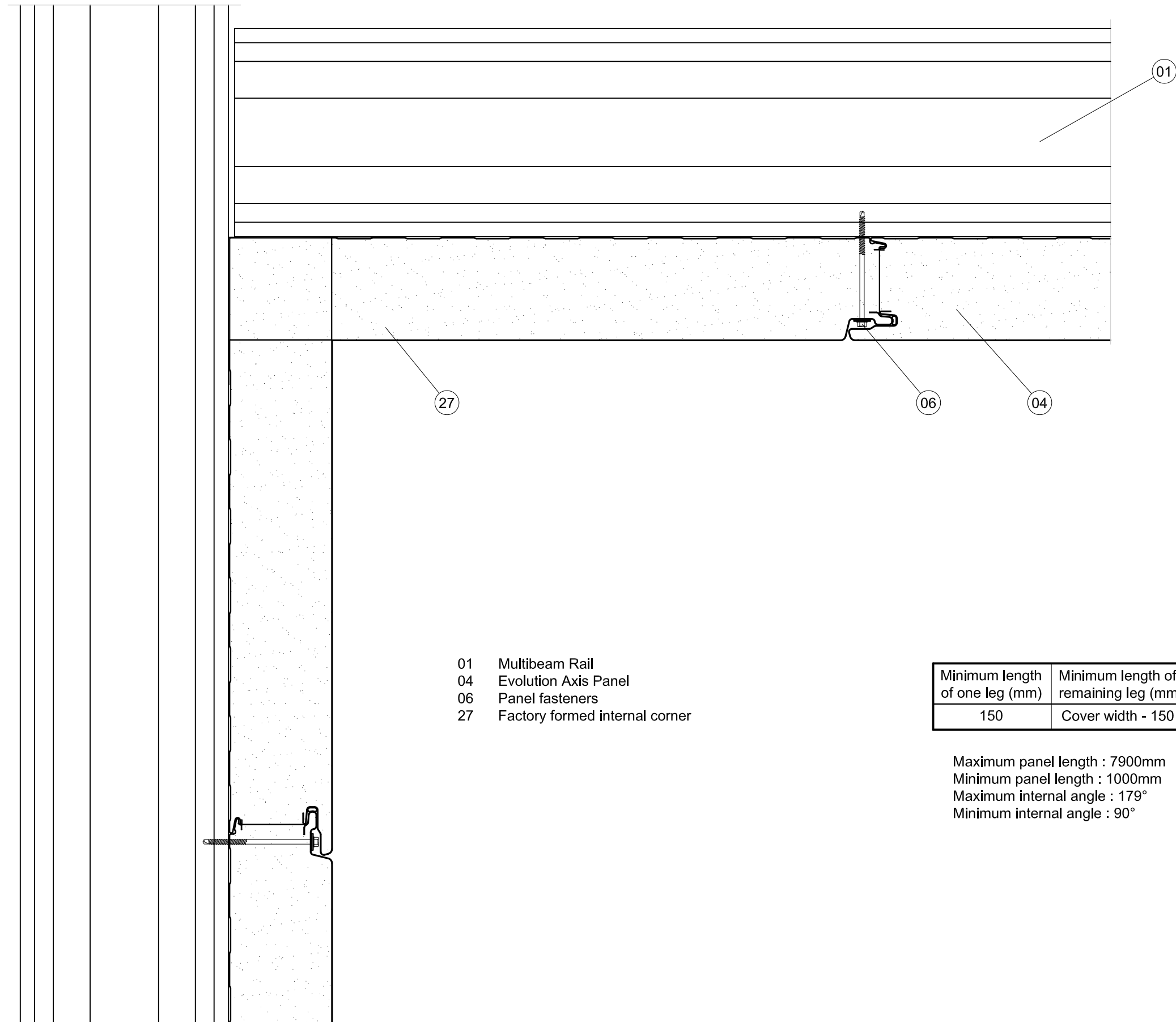
Drawing Title
**Evolution Axis - External Corner
Detail**

Status

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Drawing Number	Revision
KF/EA/MB/D10	

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Rev

Description

Chkd

Date



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Drawing Title

Evolution Axis - Internal Corner Detail

Status

Drawn by

BT

Checked by

Date

04/11/21

Drawing Number

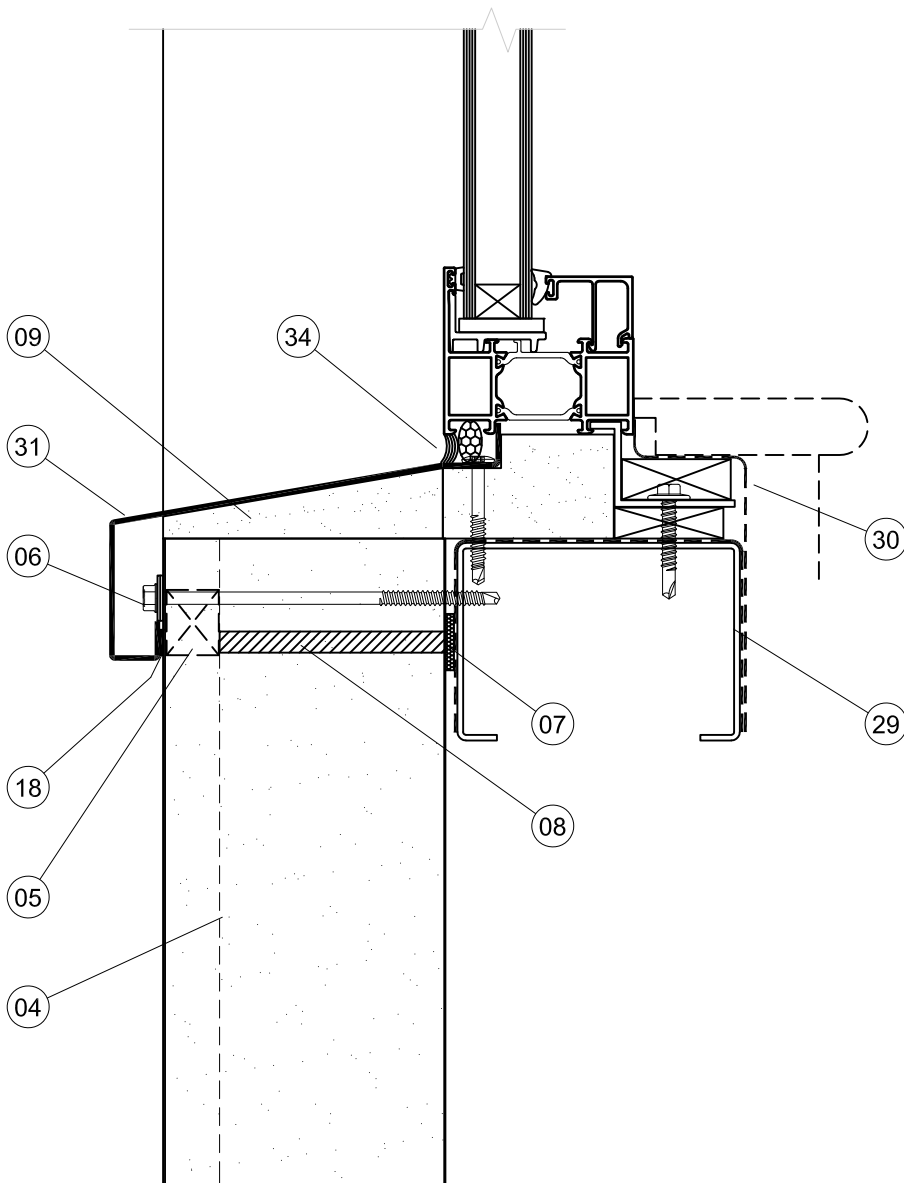
KF/EA/MB/D11

Revision

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Notes:



- 04 Evolution Axis Panel
- 05 AWP Filler
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 08 Air Seal - Gun grade sealant to male joint
- 09 PIR board insulation
- 18 9 x 3mm butyl rubber sealant
- 29 Structural framing
- 30 EPDM Membrane (internal air seal)
- 31 Window sill flashing
- 34 Weather seal by window installer



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Drawing Title

**Evolution Axis - Window Sill
Detail**

Status

Drawn by

BT

Checked by

Date

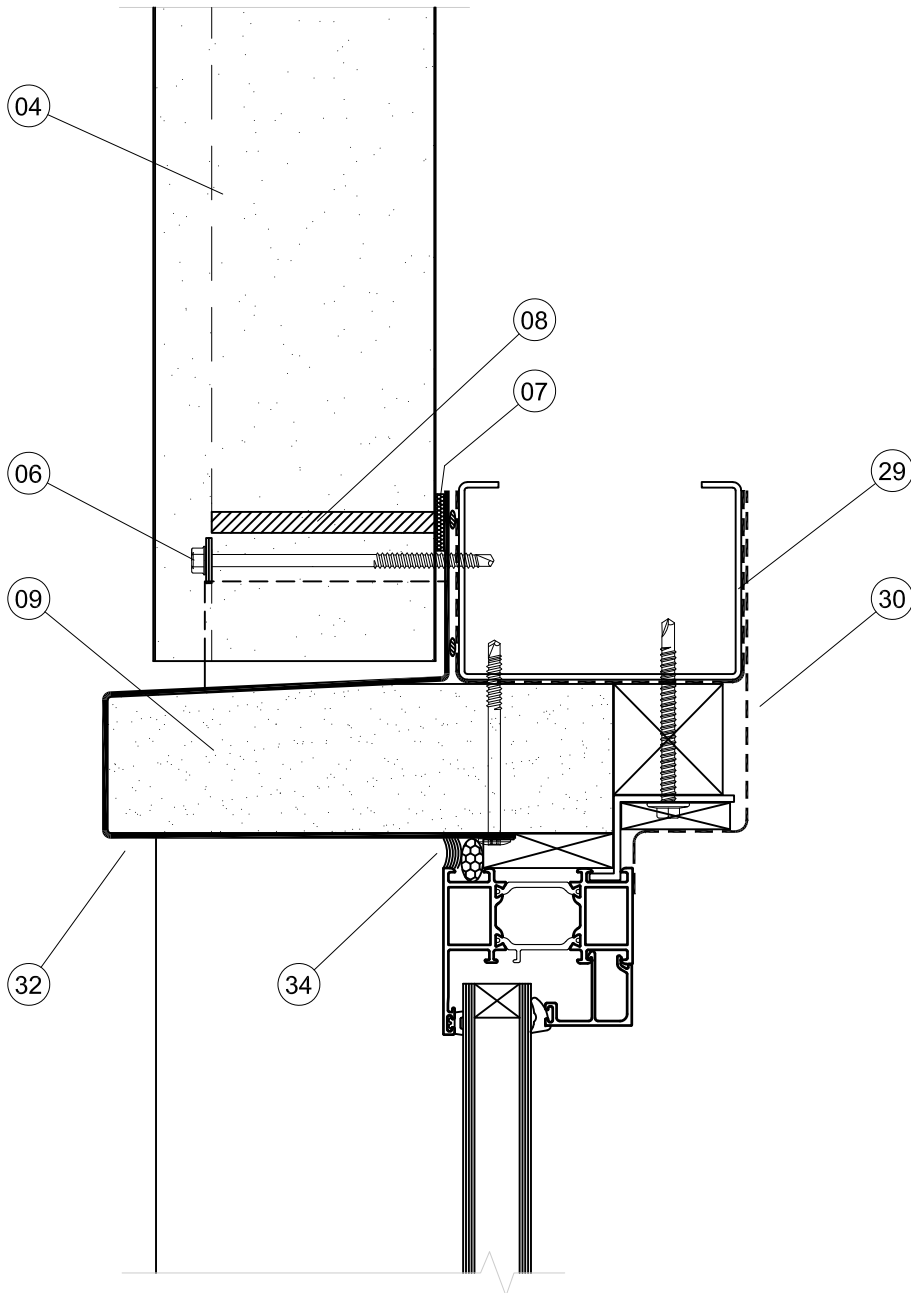
04/11/21

Drawing Number

KF/EA/MB/D12

Revision

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- 04 Evolution Axis Panel
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 08 Air Seal - Gun grade sealant to male joint
- 09 PIR board insulation
- 18 9 x 3mm butyl rubber sealant
- 29 Structural framing
- 30 EPDM Membrane (internal air seal)
- 32 Window head flashing
- 34 Weather seal by window installer

Notes:

Rev	Description	Chkd	Date
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Drawing Title

**Evolution Axis - Window Head
Detail**

Status

Drawn by

BT

Checked by

Date

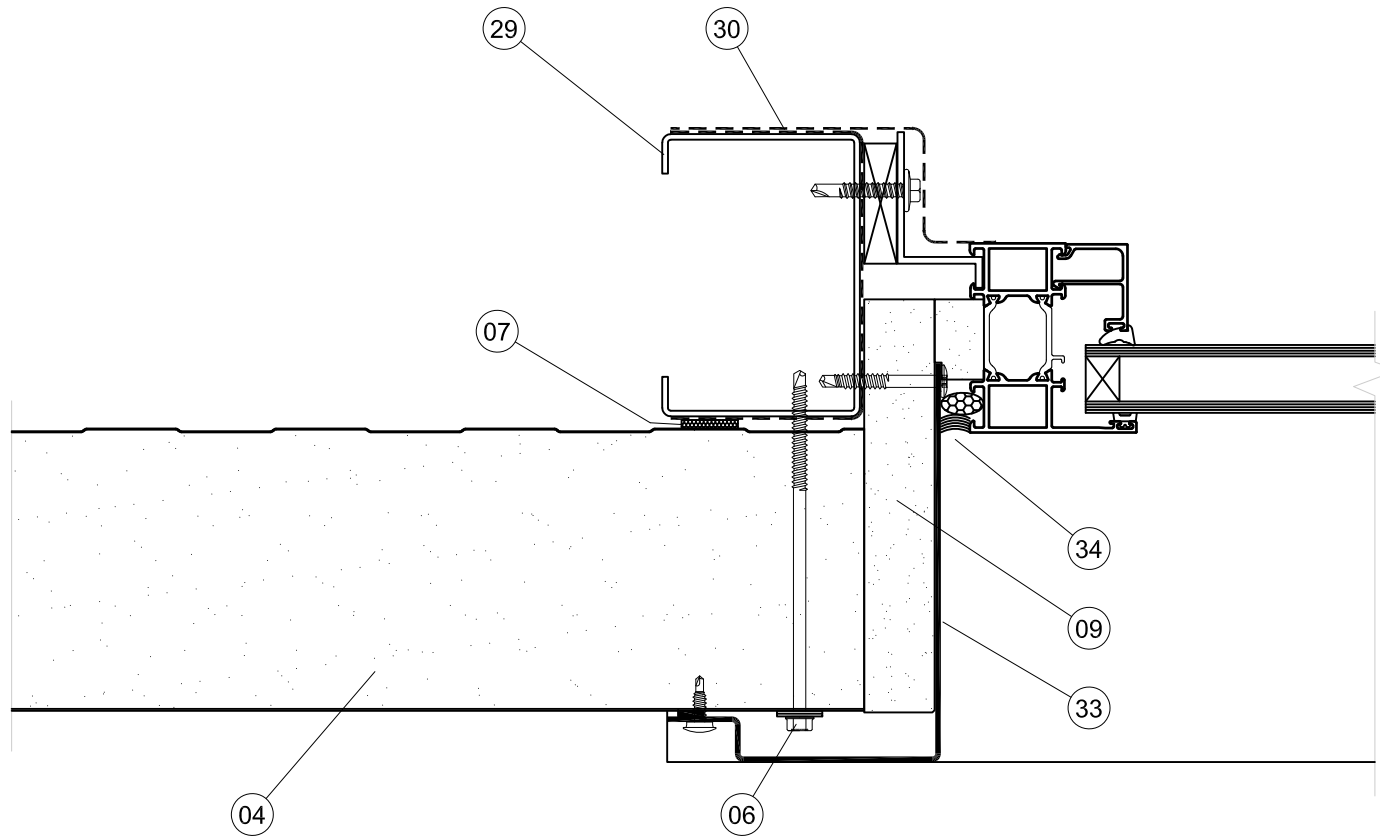
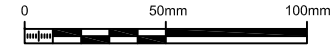
04/11/21

Drawing Number

KF/EA/MB/D13

Revision

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- 04 Evolution Axis Panel
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 09 PIR board insulation
- 18 9x3mm butyl rubber seal
- 29 Structural framing
- 30 EPDM Membrane (internal air seal)
- 33 Window jamb flashing
- 34 Weather seal by window installer

Notes:

Rev	Description	Chkd	Date
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Client

Project

Drawing Title

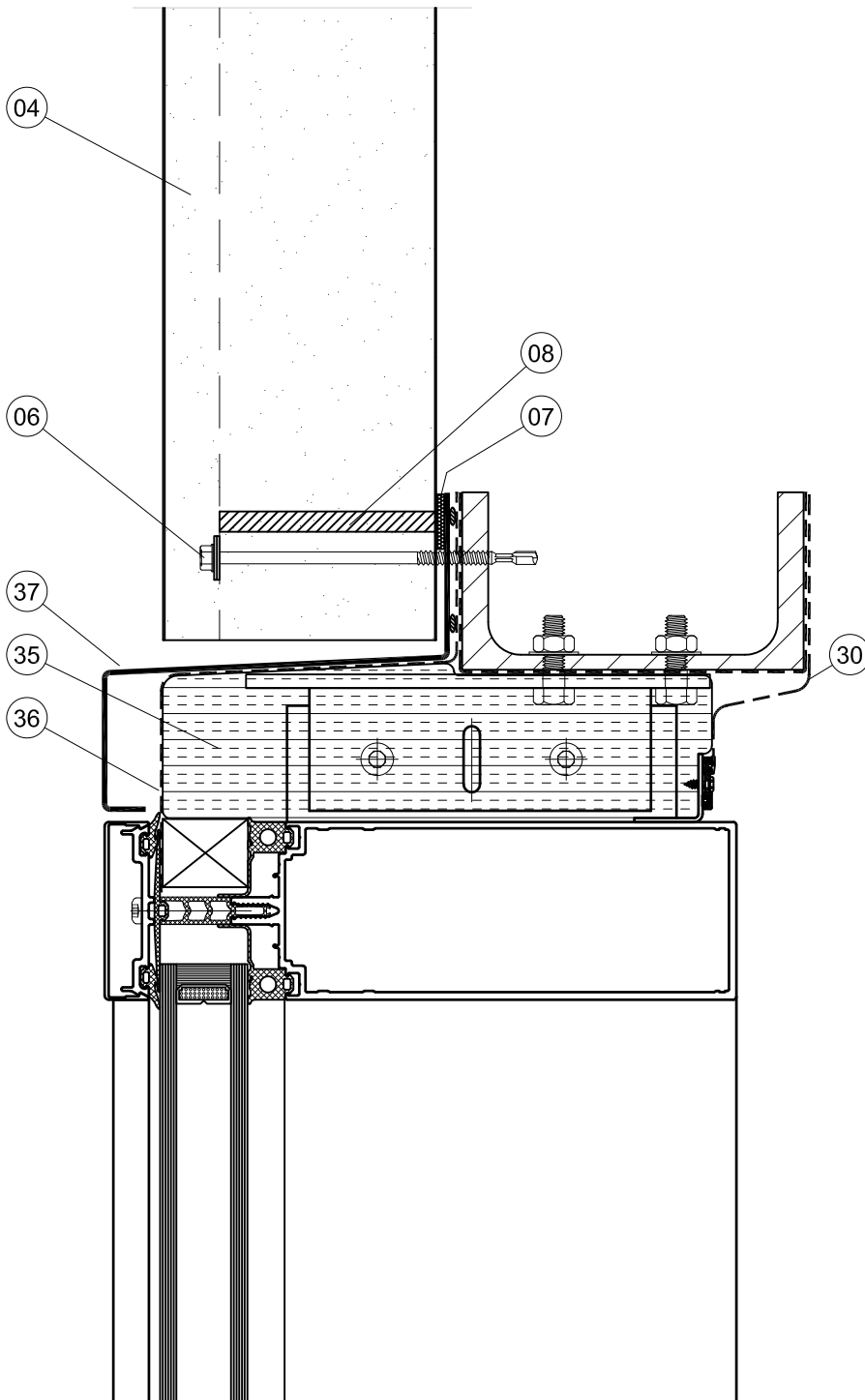
**Evolution Axis - Window Jamb
Detail**

Status

Drawn by	Checked by	Date
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Drawing Number	Revision
KF/EA/MB/D14	

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- 04 Evolution Axis Panel
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 08 Air Seal - Gun grade sealant to male joint
- 30 EPDM Membrane (internal air seal)
- 35 Mineral fibre insulation
- 36 Polyester based membrane
- 37 Curtain wall head flashing

Notes:

Rev	Description	Chkd	Date



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Project

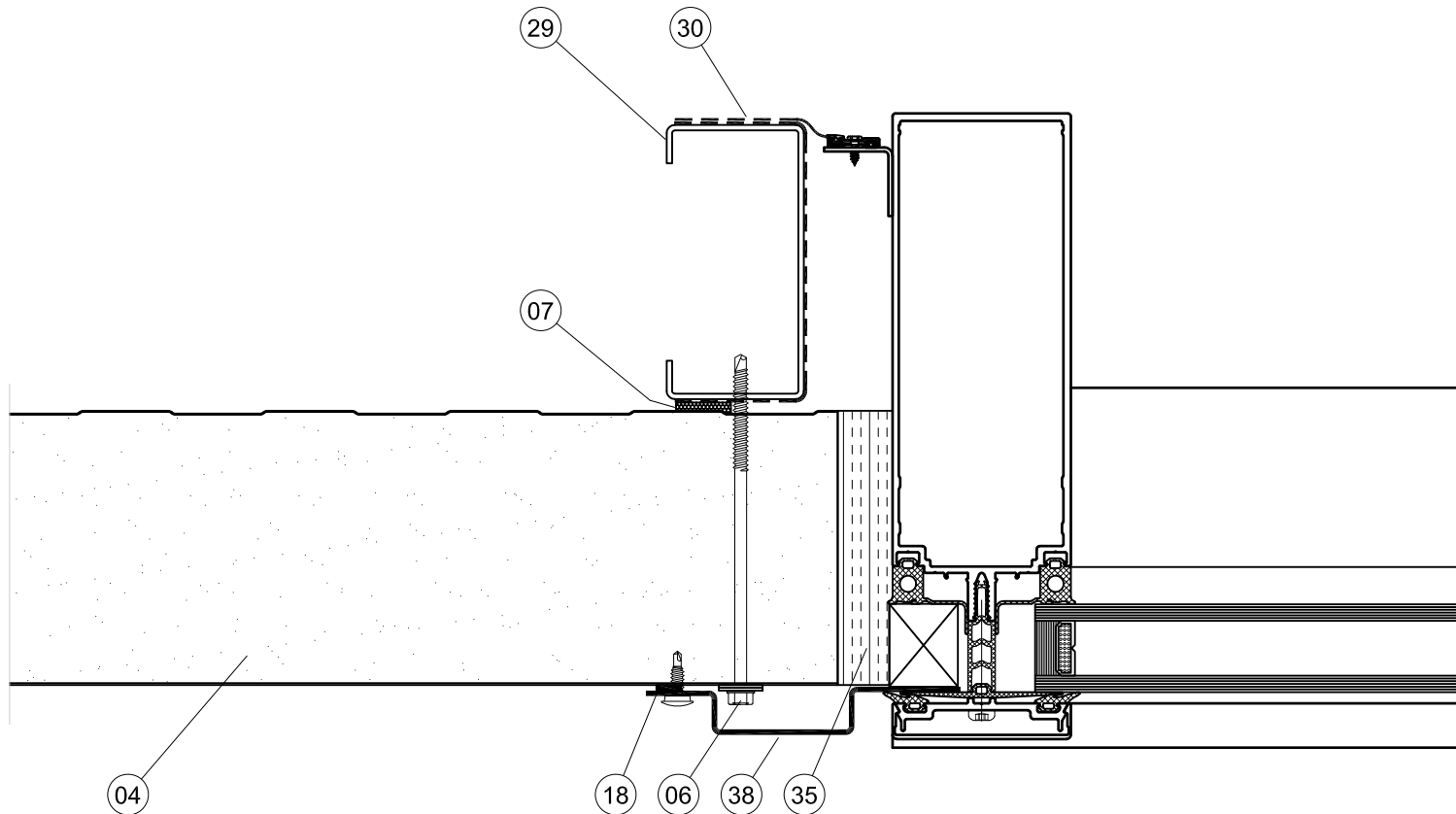
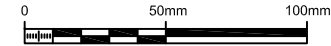
Drawing Title
**Evolution Axis - Curtain Wall
Head Detail**

Status

Drawn by BT	Checked by	Date 04/11/21
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Drawing Number KF/EA/MB/D15	Revision
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- 04 Evolution Axis Panel
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 18 9 x 3mm butyl rubber seal
- 29 Structural framing
- 30 EPDM Membrane (internal air seal)
- 35 Mineral fibre insulation
- 38 Curtain wall jamb flashing

Notes:

Rev	Description	Chkd	Date
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Drawing Title

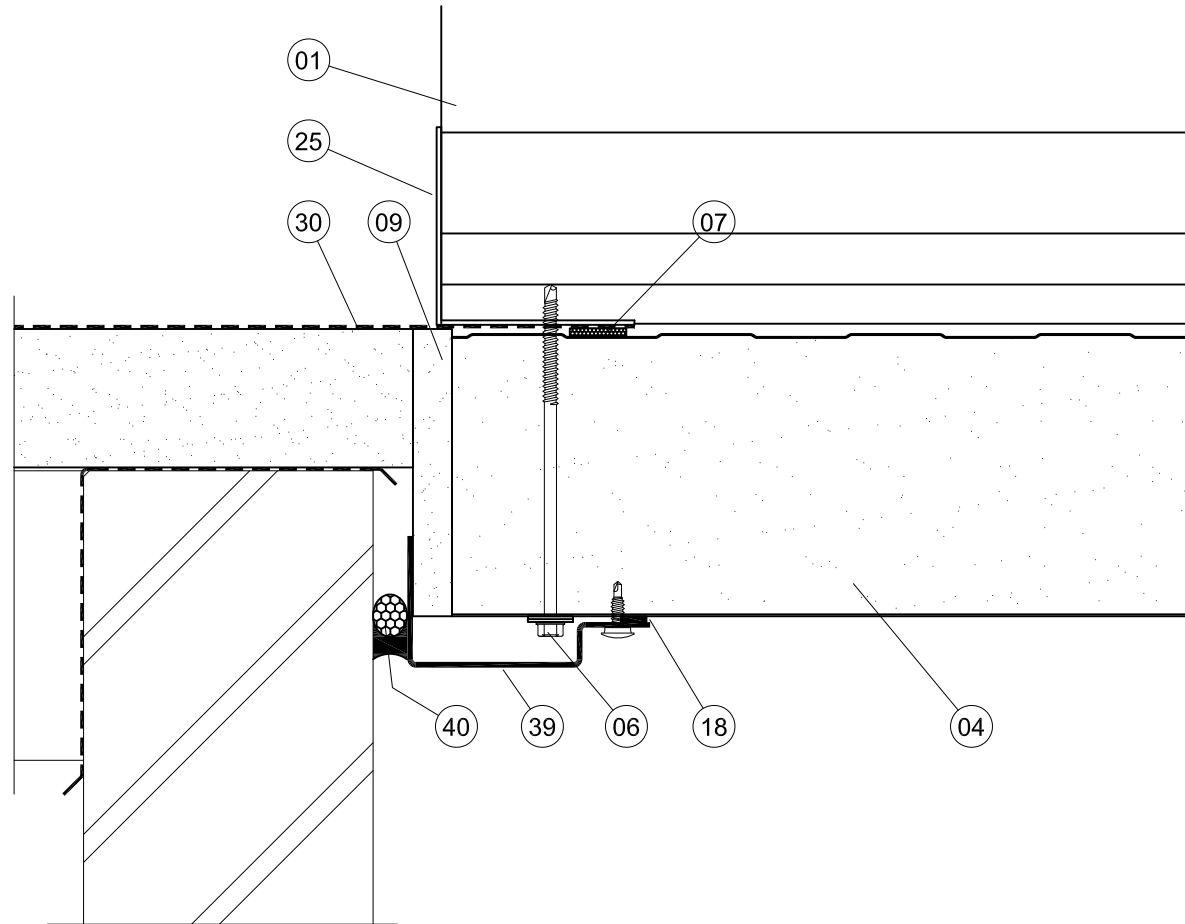
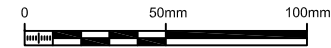
**Evolution Axis - Curtain Wall
Jamb Detail**

Status

Drawn by	Checked by	Date
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Drawing Number	Revision
KF/EA/MB/D16	

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- 01 Multibeam Rail
- 04 Evolution Axis Panel
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 09 PIR board insulation
- 18 9 x 3mm butyl rubber seal
- 25 Continuous galv'd m.s. cleader angle cleated to rails
- 30 EPDM Membrane (internal air seal)
- 39 Abutment flashing
- 40 Backing rod and sealant

Notes:

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Drawing Title

Evolution Axis - Abutment Detail

Status

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Drawing Number	Revision
KF/EA/MB/D17	

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