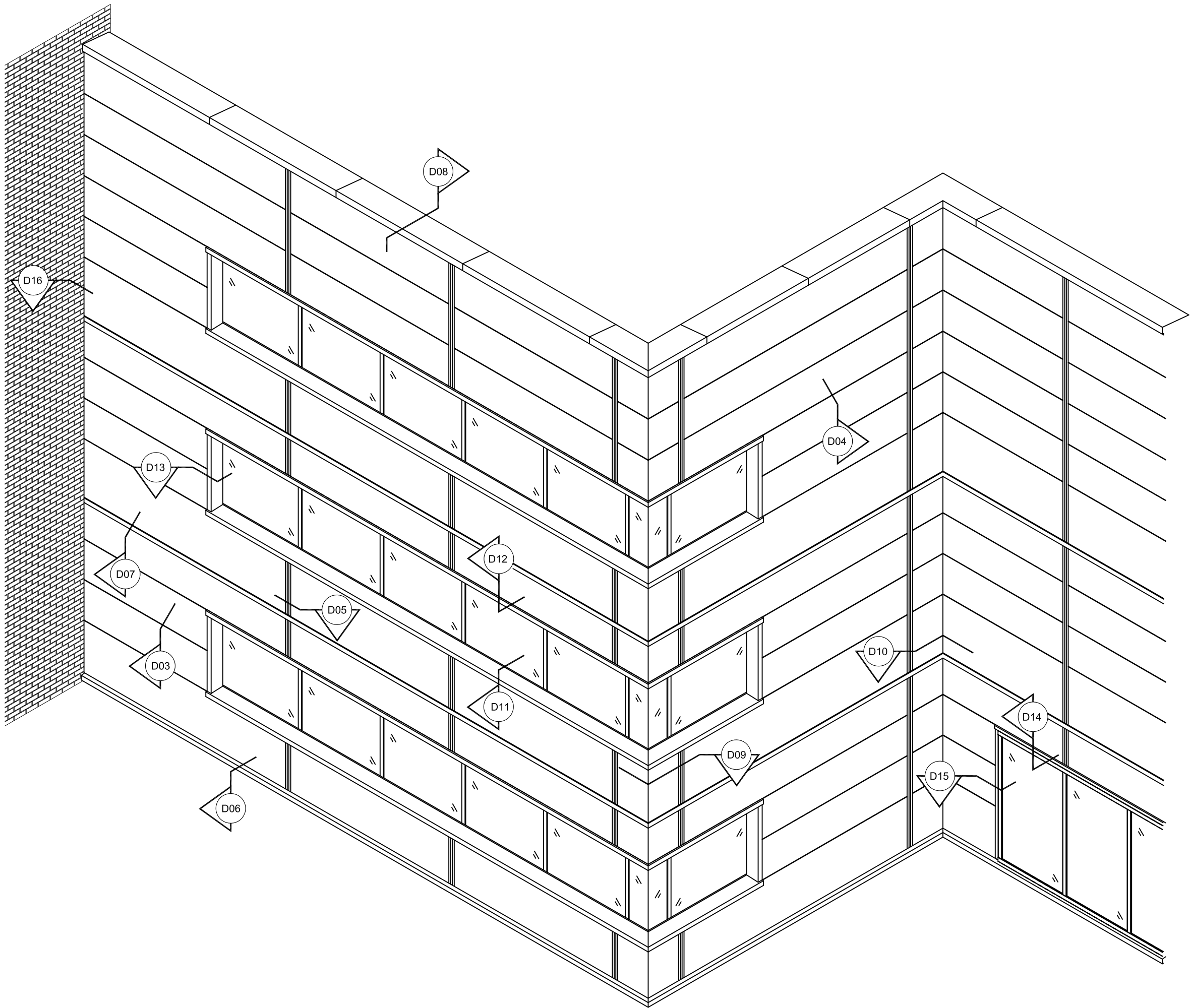




Notes:

Rev	Description	Chkd	Date



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Client

Project

Drawing Title
Evolution Axis
Key to Generic Details

Status

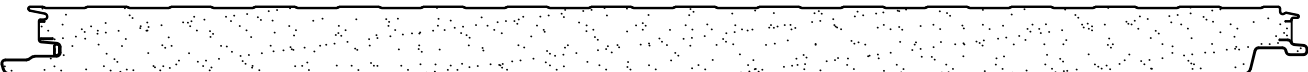
Drawn by BT	Checked by	Date 18/01/19
Drawing Number KF/EA/SFS/D01		Revision

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Evolution Axis Quadcore



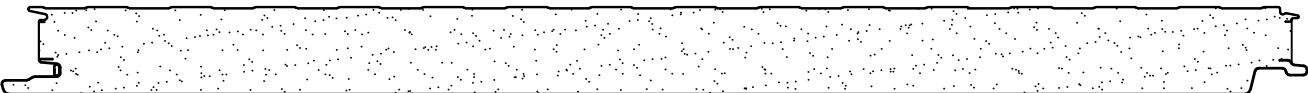
Thickness 45mm
U Value 0.46 W/m²K



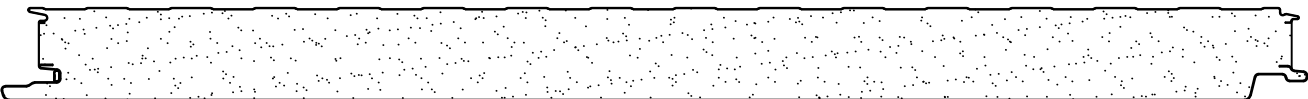
Thickness 54mm
U Value 0.35 W/m²K



Thickness 60mm
U Value 0.32 W/m²K



Thickness 70mm
U Value 0.27 W/m²K



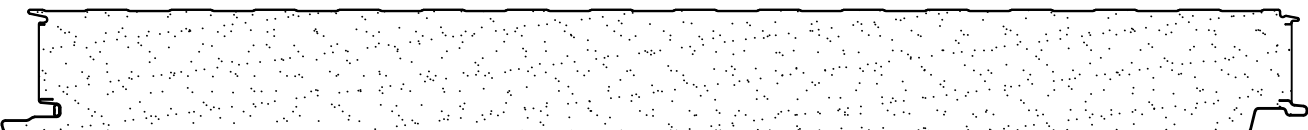
Thickness 74mm
U Value 0.25 W/m²K



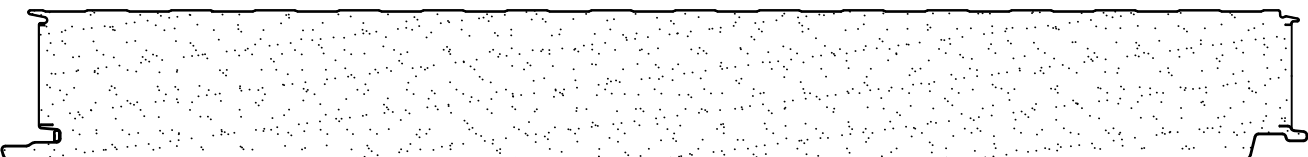
Thickness 80mm
U Value 0.23 W/m²K



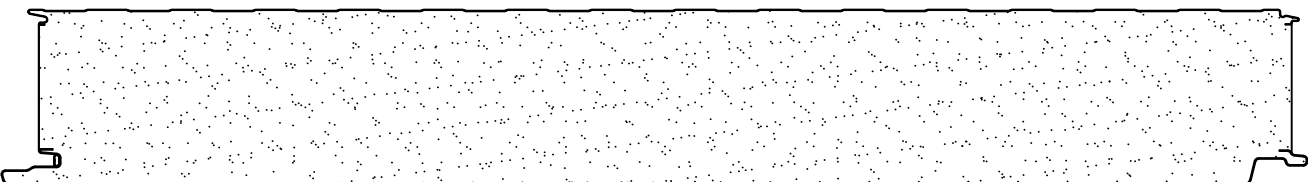
Thickness 88mm
U Value 0.21 W/m²K



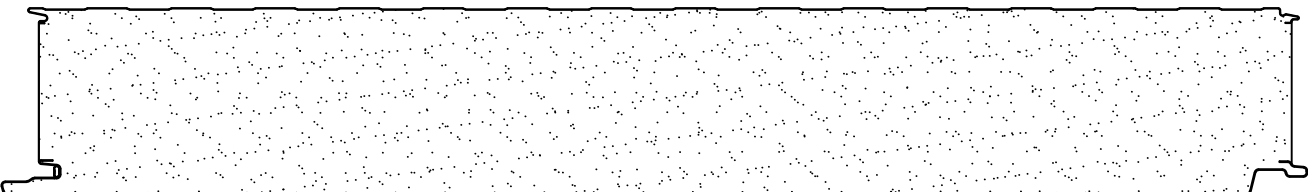
Thickness 100mm
U Value 0.19 W/m²K



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:

A	Additional thicknesses added		20/08/20
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Rev	Description	Chkd	Date
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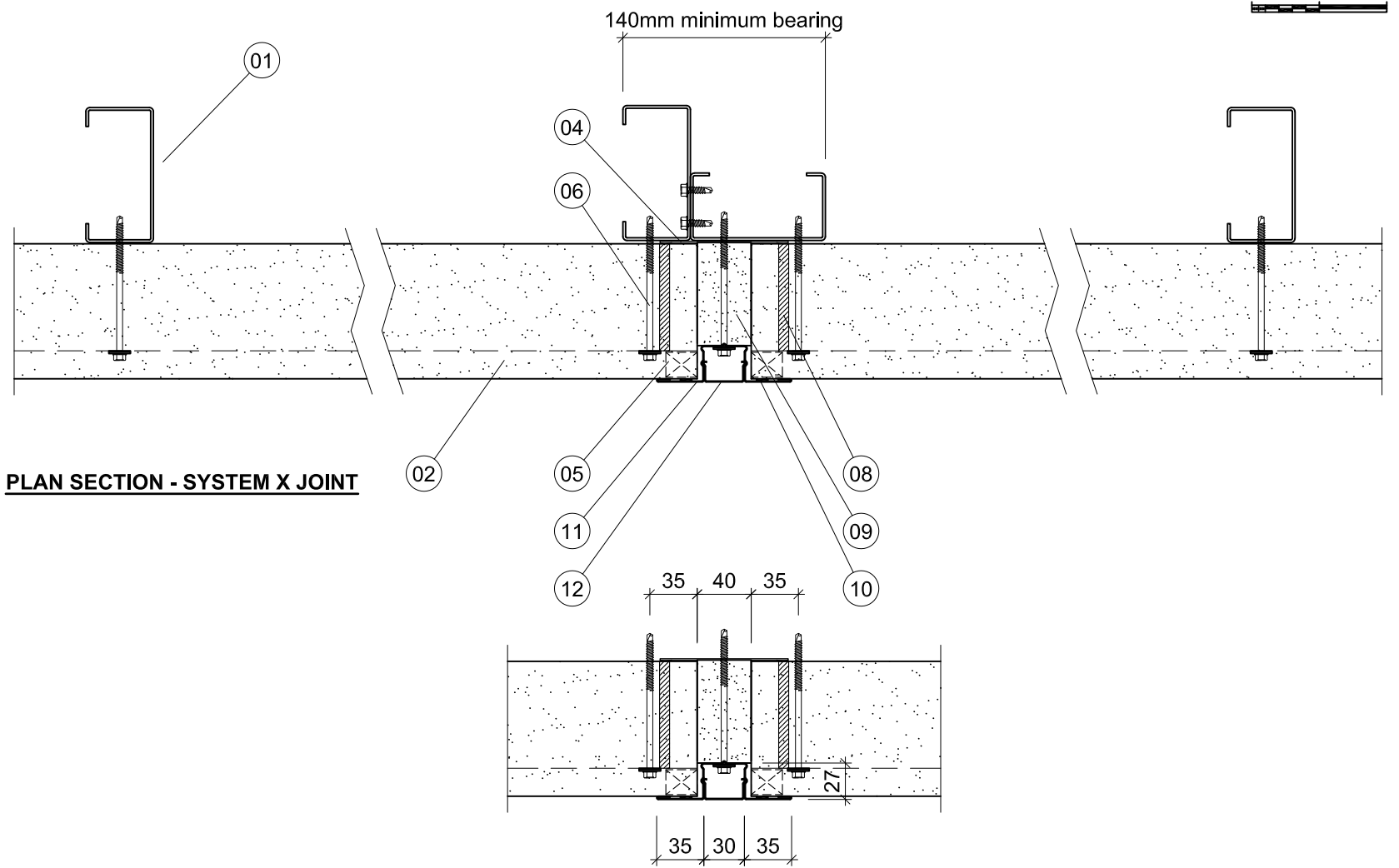
Drawing Title
Evolution Axis Panels

Status

Drawn by	Checked by	Date
BT		18/01/19

Drawing Number	Revision
KF/EA/SFS/D02	A

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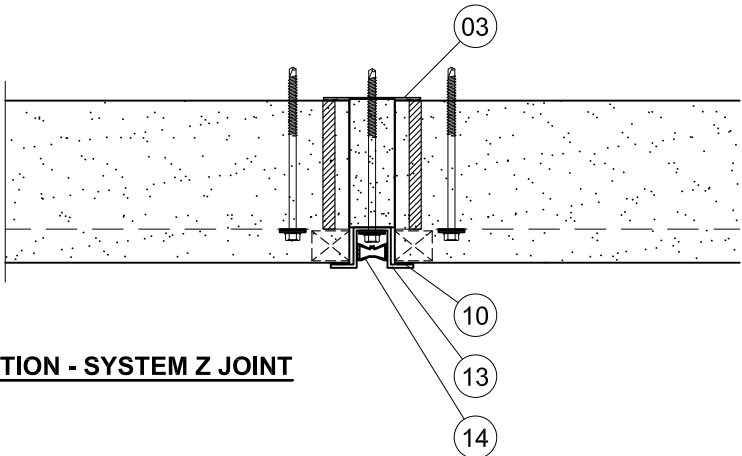


PLAN SECTION - SYSTEM X JOINT

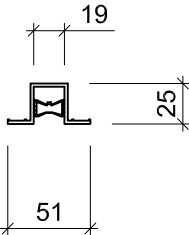
SYSTEM X JOINT JOINT ARRANGEMENT



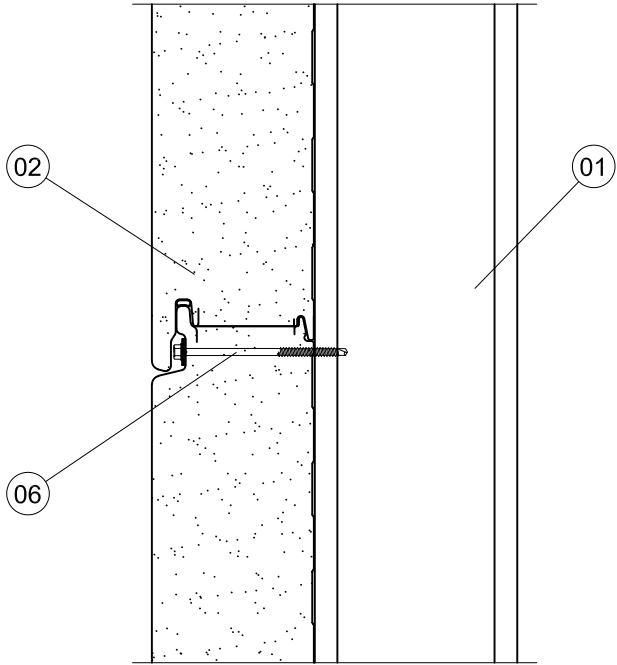
Recessed snap on cover flashing option



PLAN SECTION - SYSTEM Z JOINT



(Alternative insert)



VERTICAL SECTION - SYSTEM X AND Z

- 01 SFS
- 02 Evolution Axis Panel
- 03 VJ1 Gasket
- 04 VJ2 Gasket
- 05 AWP Filler
- 06 Panel fasteners
- 08 Air Seal - Gun grade sealant to male joint
- 09 PIR board insulation
- 10 4mm dia bead of butyl rubber sealant
- 11 Snap on receiver flashing Ref: SP5
- 12 Snap on cover flashing Ref: SP7
- 13 Extruded aluminium top hat section Ref: SP8
- 14 Push in gasket Ref: SP10
- 15 Aluminium trim Ref: SP9

Notes:

Rev	Description	Chkd	Date
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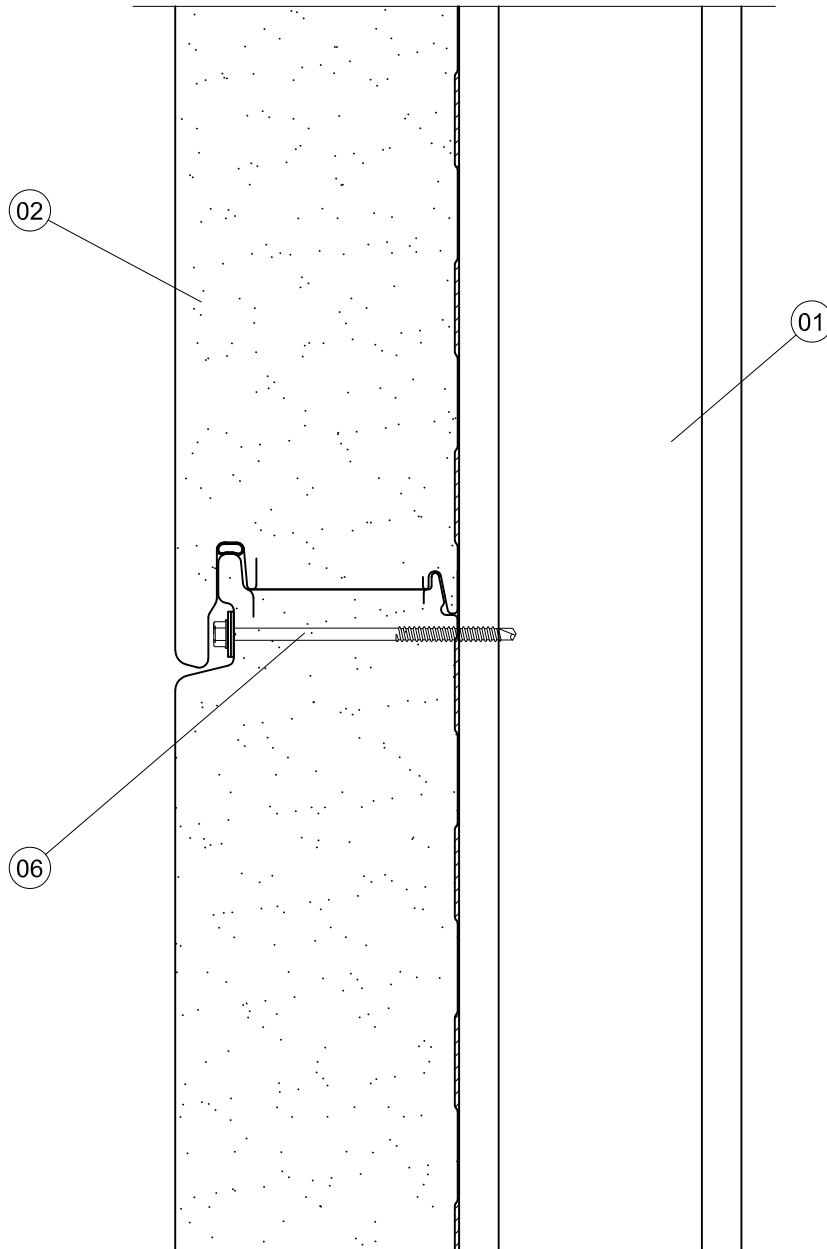
Drawing Title
Evolution Axis
System Layout

Status

Drawn by BT	Checked by	Date 18/01/19
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Drawing Number KF/EA/SFS/D03	Revision
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Horizontal Joint

- 01 SFS
- 02 Evolution Axis Panel
- 06 Panel fasteners

Notes:

Rev	Description	Chkd	Date
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Project

Drawing Title
**Evolution Axis
Horizontal Joint**

Status

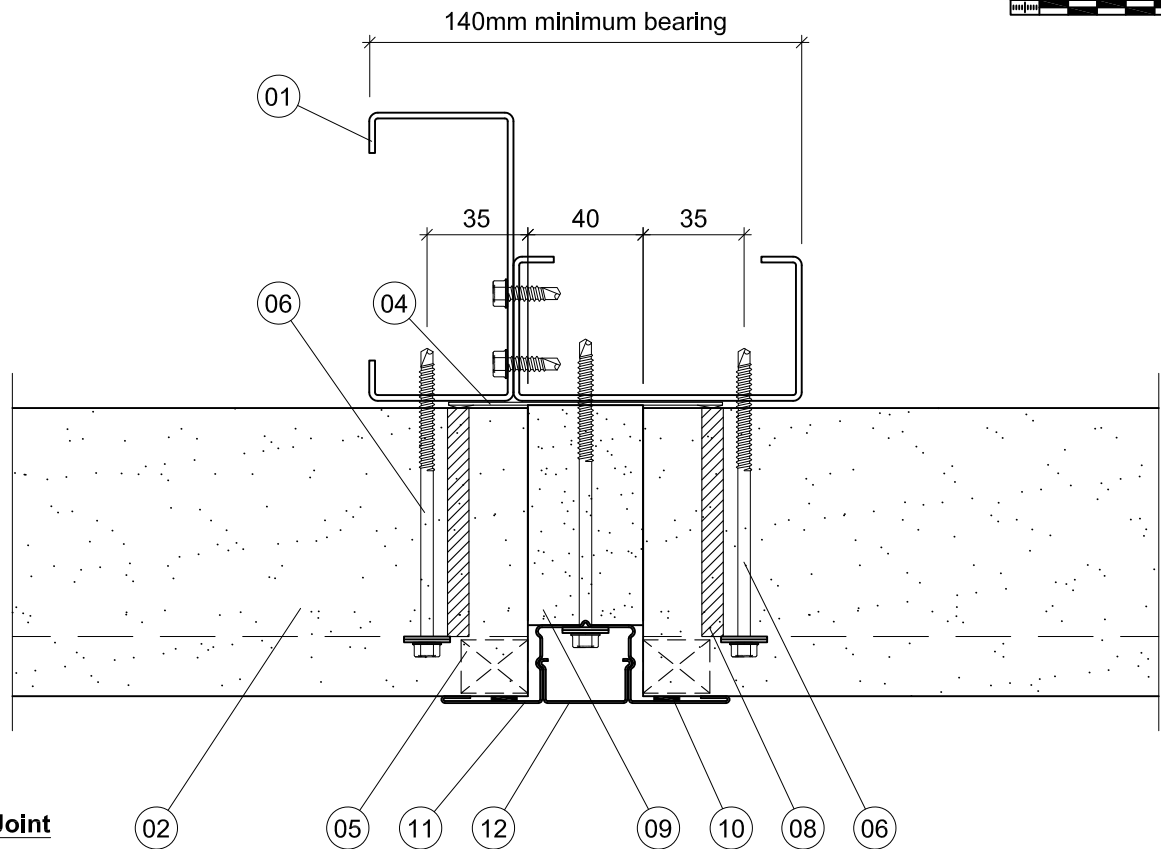
Drawn by BT	Checked by	Date 18/01/19
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Drawing Number KF/EA/SFS/D04	Revision
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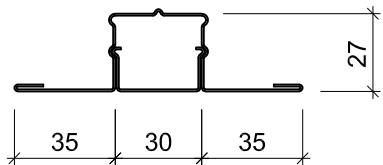
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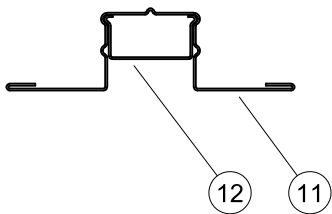
Notes:



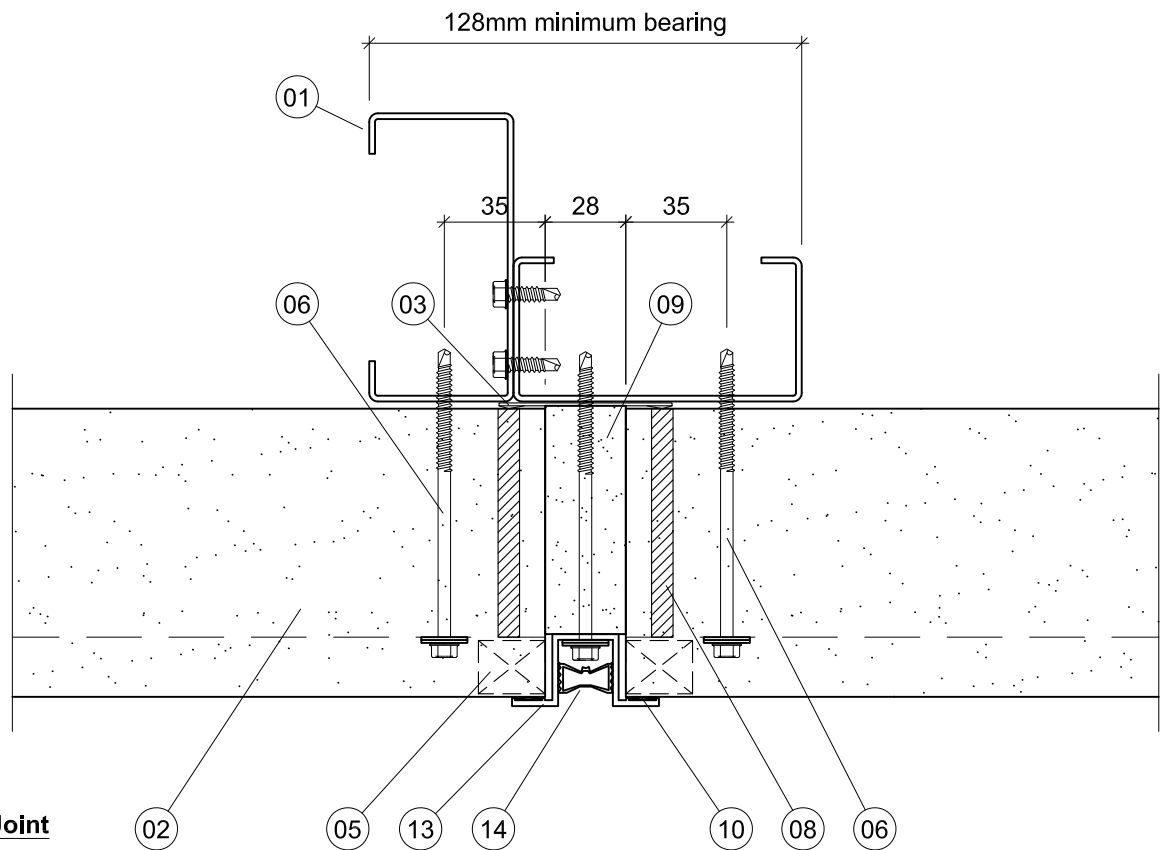
System X Vertical Joint



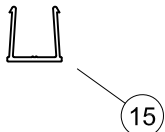
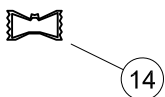
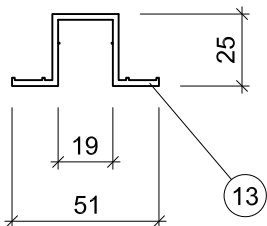
Flush snap on cover flashing option



Recessed snap on cover flashing option



System Z Vertical Joint



- 01 SFS
- 02 Evolution Axis Panel
- 03 VJ1 Gasket
- 04 VJ2 Gasket
- 05 AWP Filler
- 06 Panel fasteners
- 08 Air Seal - Gun grade sealant to male joint
- 09 PIR board insulation
- 10 4mm dia bead of butyl rubber sealant
- 11 Snap on receiver flashing Ref: SP5
- 12 Snap on cover flashing Ref: SP7
- 13 Extruded aluminium top hat section Ref: SP8
- 14 Push in gasket Ref: SP10
- 15 Aluminium trim Ref: SP9

Rev	Description	Chkd	Date
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Project

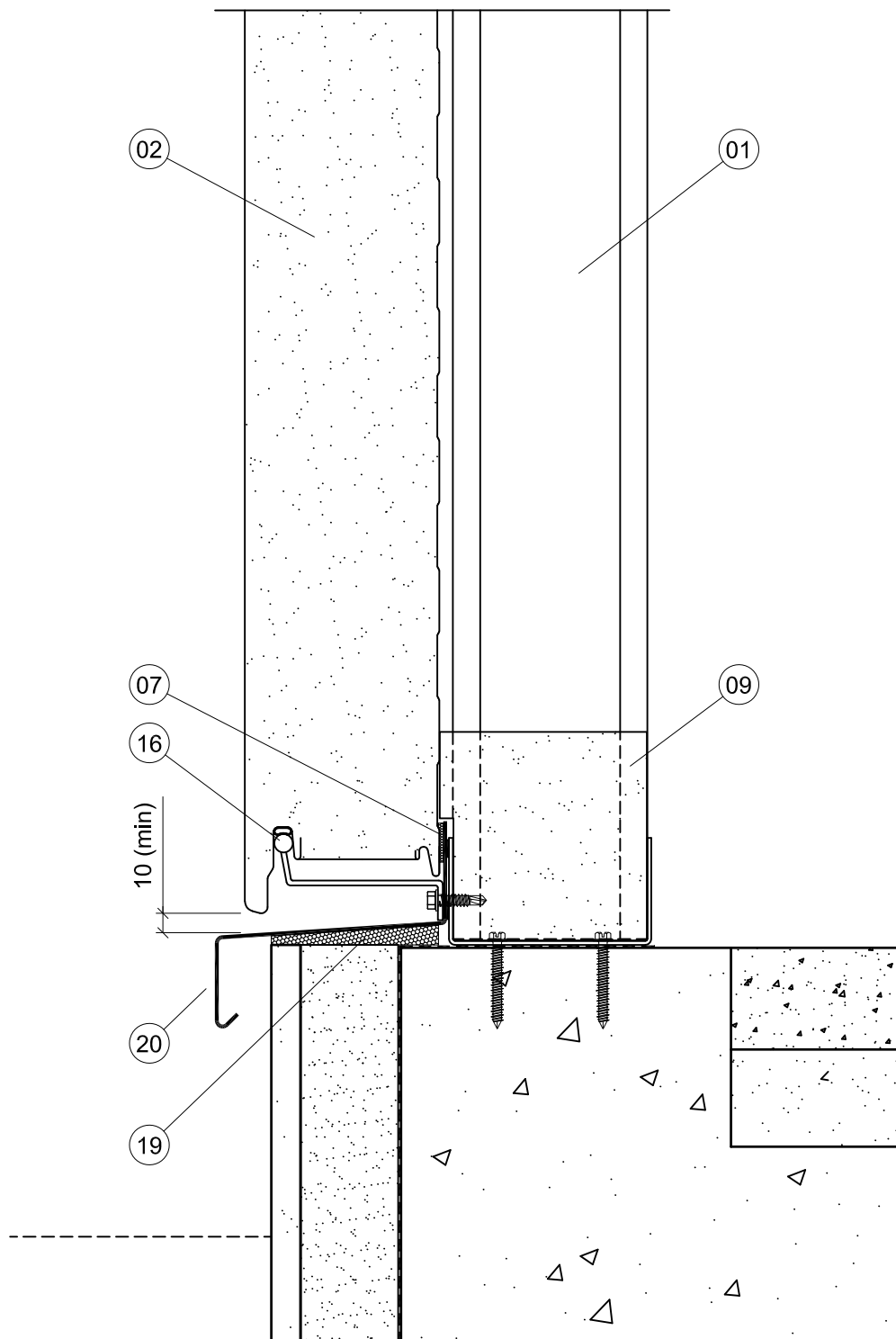
Drawing Title
Evolution Axis
Vertical Joint Options

Status

Drawn by	Checked by	Date
BT		18/01/19

Drawing Number	Revision
KF/EA/SFS/D05	

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- 01 SFS
02 Evolution Axis Panel
07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
09 PIR board insulation
16 Panel bearers
19 Closed cell PVC foam seal
20 Drip flashing

A Air seal updated to 20 x 9mm self-adhesive closed cell PVC foam tape 07/12/23

Rev	Description	Chkd	Date
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Client

Project

Drawing Title

Evolution Axis
Drip Detail

Status

Drawn by

BT

Checked by

Date

18/01/19

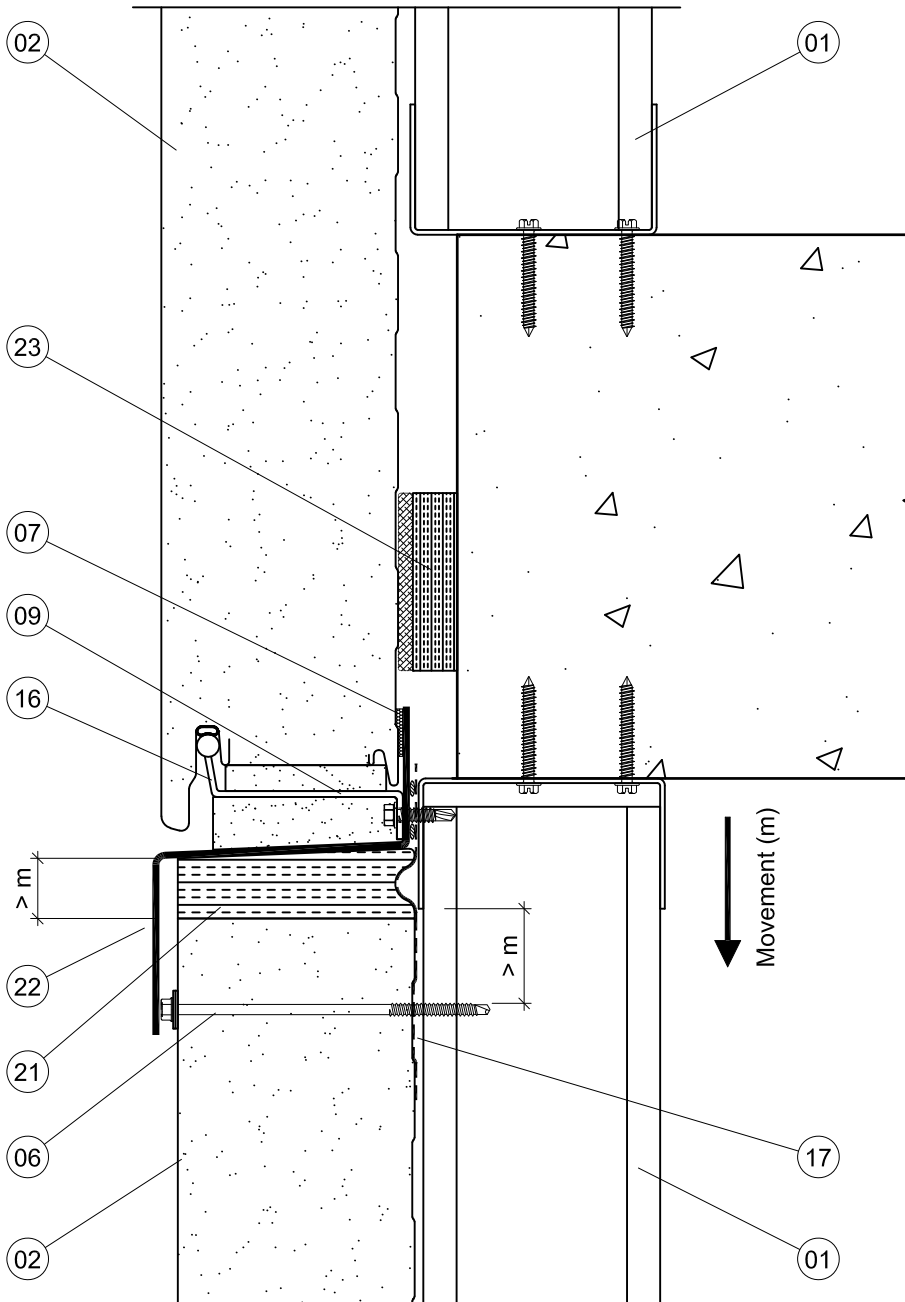
Drawing Number

KF/EA/SFS/D06

Revision

A

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- 01 SFS
- 02 Evolution Axis Panel
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 09 PIR board insulation
- 16 Panel bearers
- 17 EPDM Membrane (internal air seal)
- 21 K-Roc Insulation
- 23 Intumescent fire stop

Notes:

A	Air seal updated to 20 x 9mm self-adhesive closed cell PVC foam tape	01/12/23
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Rev	Description	Chkd	Date
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Project

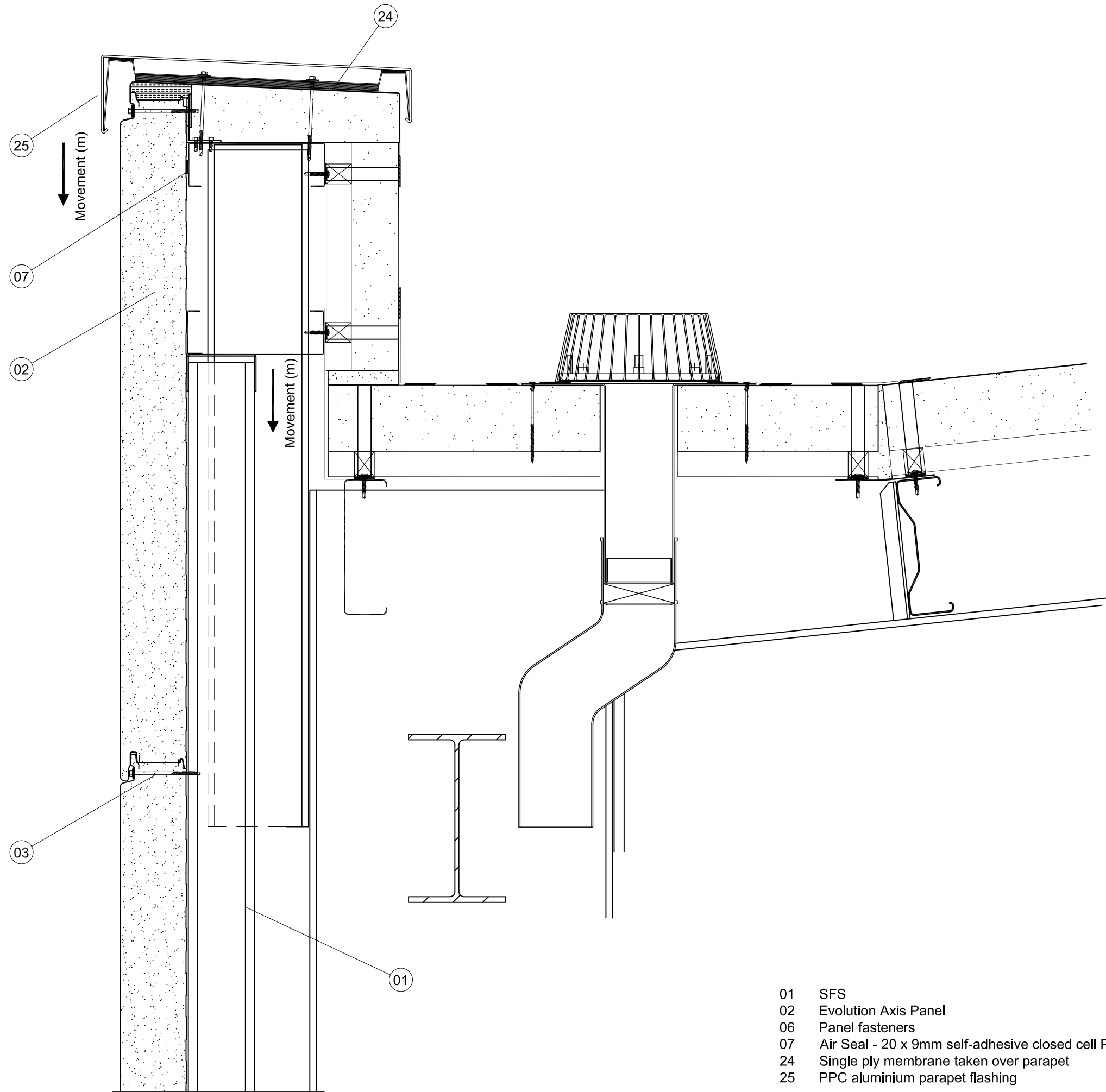
Drawing Title
**Evolution Axis
Horizontal Movement Joint**

Status

Drawn by BT	Checked by	Date 18/01/19
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Drawing Number KF/EA/SFS/D07	Revision A
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- 01 SFS
02 Evolution Axis Panel
06 Panel fasteners
07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
24 Single ply membrane taken over parapet
25 PPC aluminium parapet flashing

Notes:

A	Air seal updated to 20 x 9mm self-adhesive closed cell PVC foam tape	01/12/23
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Rev	Description	Chkd	Date
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Project

Drawing Title
**Evolution Axis
Parapet Detail**

Status

Drawn by BT	Checked by	Date 18/01/19
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Drawing Number KF/EA/SFS/D08	Revision A
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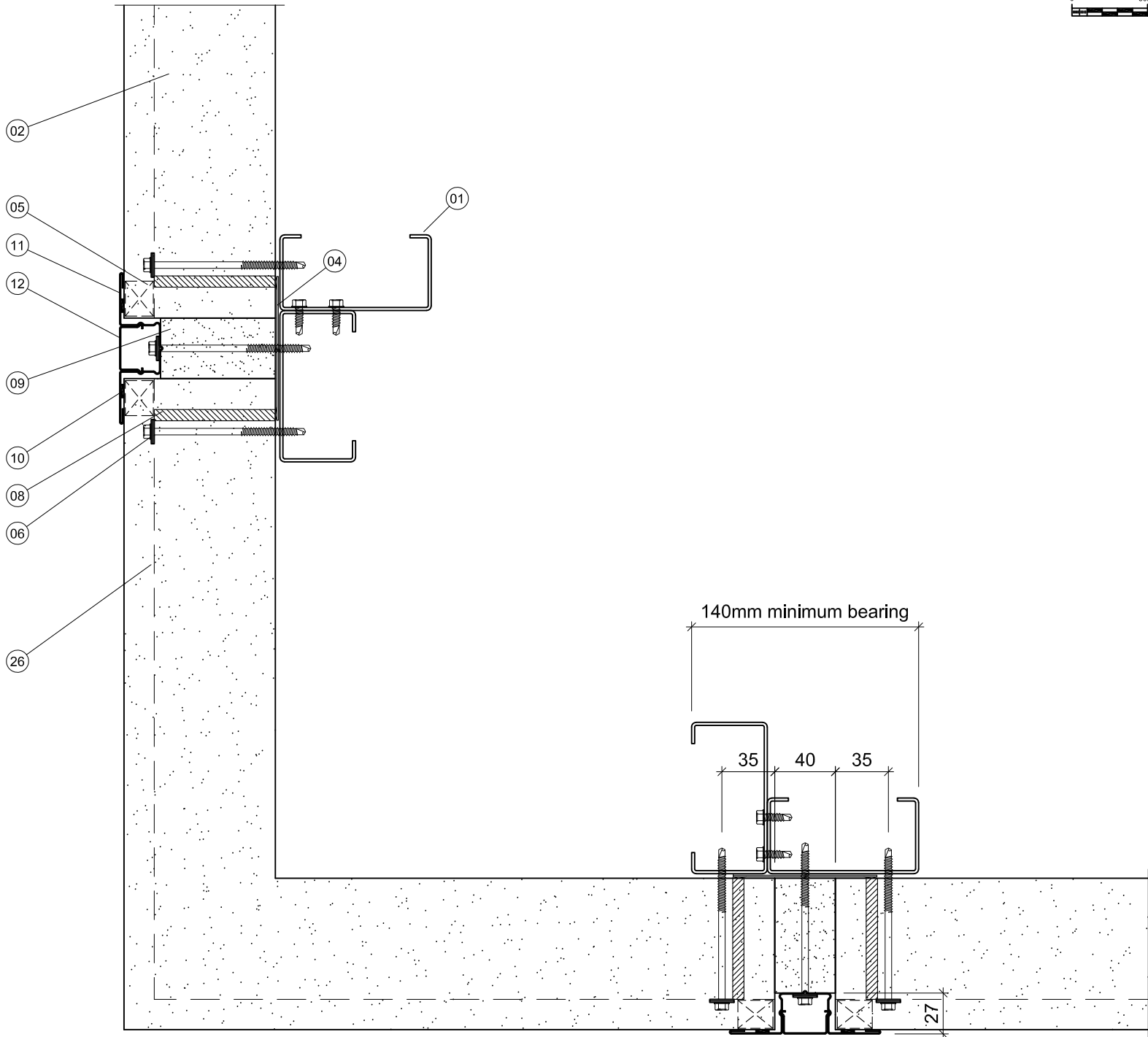
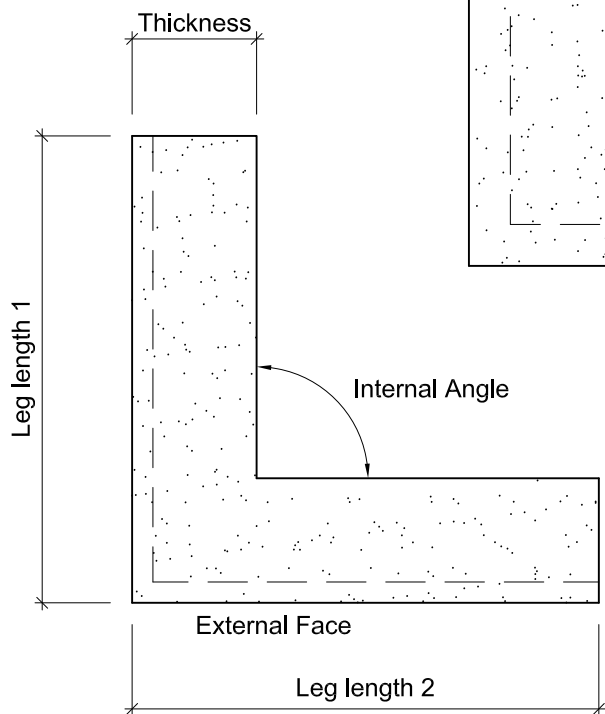
- 01 SFS
02 Evolution Axis Panel
04 VJ2 Gasket
05 AWP Filler
06 Panel fasteners
08 Air Seal - Gun grade sealant to male joint
09 PIR board insulation
10 4mm dia bead of butyl rubber sealant
11 Snap on receiver flashing Ref: SP5
12 Snap on cover flashing Ref: SP7
13 Extruded aluminium top hat section Ref: SP8
14 Push in gasket Ref: SP10
15 Aluminium trim Ref: SP9
26 Factory formed external corner

Maximum Unit Size:- Leg length 1 + Leg length 2 <= 6500mm)

Minimum leg length:-

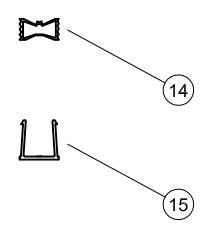
- 45, 60, 70mm thick panels - 150mm
80mm thick panels - 160mm
100mm thick panels - 180mm
120mm thick panels - 200mm
140mm thick panels - 220mm
150mm thick panels - 230mm

Internal Angle - Maximum 179° Minimum 90°



Recessed snap on cover flashing option

Sytem Z joint style



Notes:

Rev	Description	Chkd	Date
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Project

Drawing Title
Evolution Axis
External Corner Detail

Status

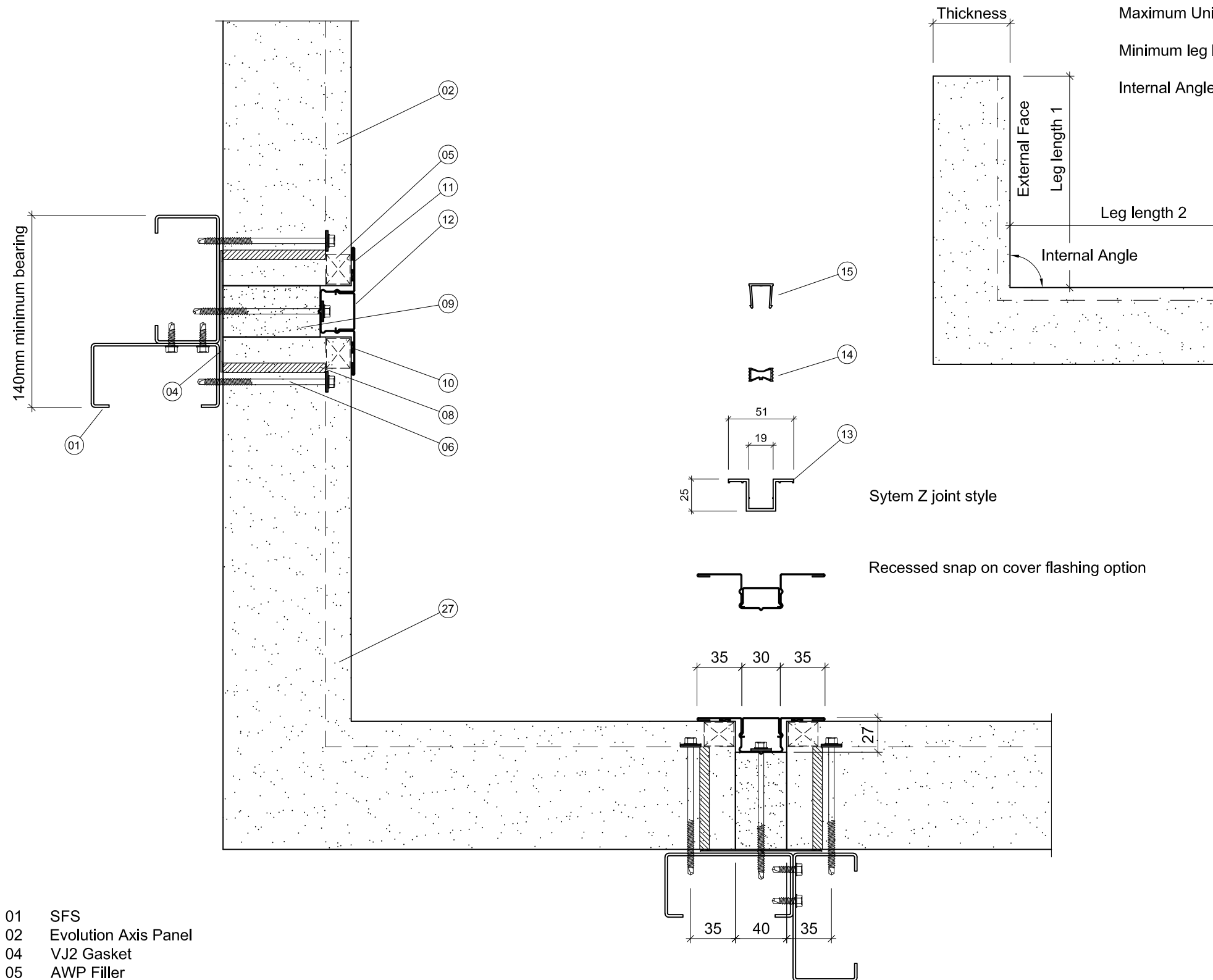
Drawn by BT	Checked by	Date 18/01/19
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Drawing Number KF/EA/SFS/D09	Revision
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Notes:



Maximum Unit Size:- Leg length 1 + Leg length 2 <= 6500mm
Minimum leg length =150mm
Internal Angle - Maximum 179° Minimum 77°

- 01 SFS
- 02 Evolution Axis Panel
- 04 VJ2 Gasket
- 05 AWP Filler
- 06 Panel fasteners
- 08 Air Seal - Gun grade sealant to male joint
- 09 PIR board insulation
- 10 4mm dia bead of butyl rubber sealant
- 11 Snap on receiver flashing Ref: SP5
- 12 Snap on cover flashing Ref: SP7
- 13 Extruded aluminium top hat section Ref: SP8
- 14 Push in gasket Ref: SP10
- 15 Aluminium trim Ref: SP9
- 27 Factory formed internal corner



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Client

Project

Drawing Title

Evolution Axis
Internal Corner Detail

Status

Drawn by

BT

Checked by

Date

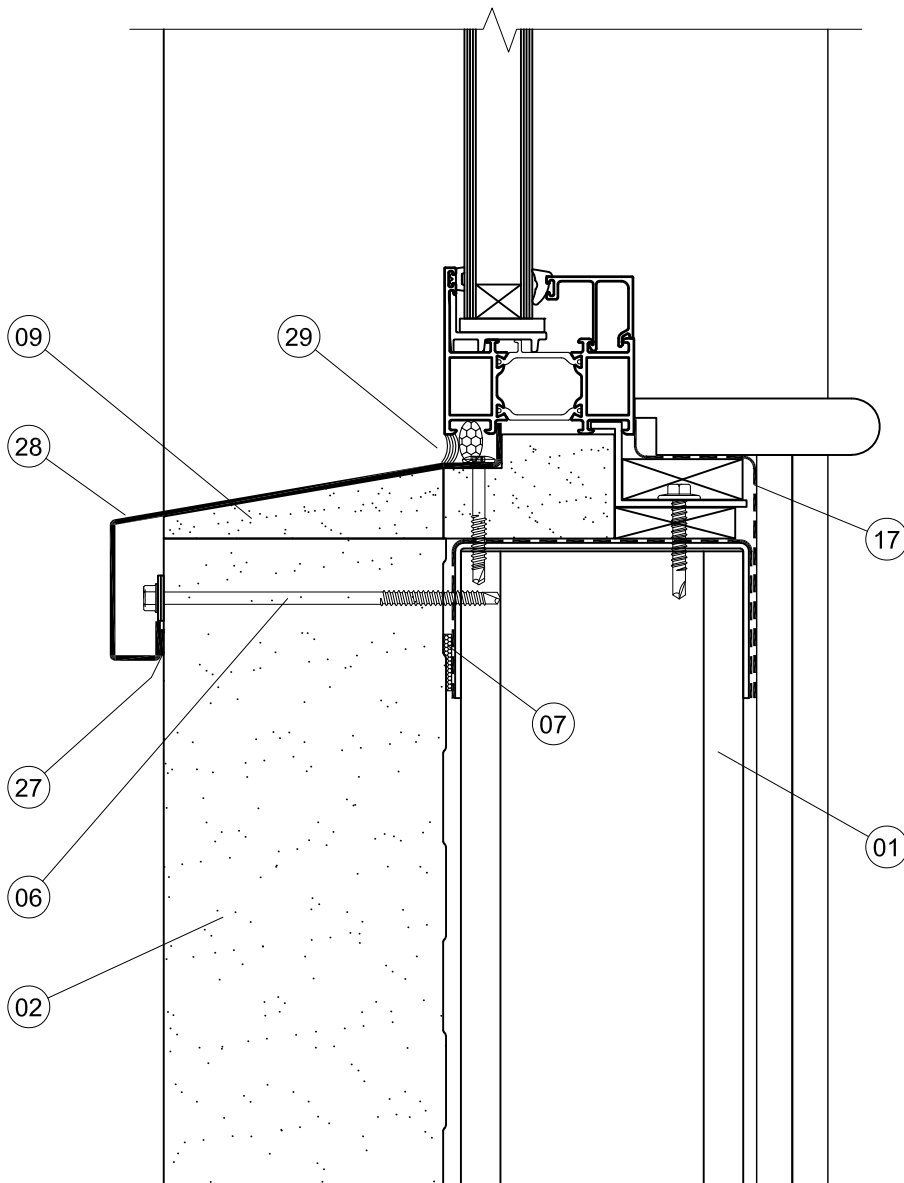
18/01/19

Drawing Number

KF/EA/SFS/D10

Revision

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- 01 SFS
- 02 Evolution Axis Panel
- 06 Panel fasteners
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 09 PIR board insulation
- 17 EPDM Membrane (internal air seal)
- 27 9 x 3mm butyl rubber sealant
- 28 Window sill flashing
- 29 Weather seal by window installer

Notes:

A	Air seal updated to 20 x 9mm self-adhesive closed cell PVC foam tape	01/12/23
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Rev	Description	Chkd	Date
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Project

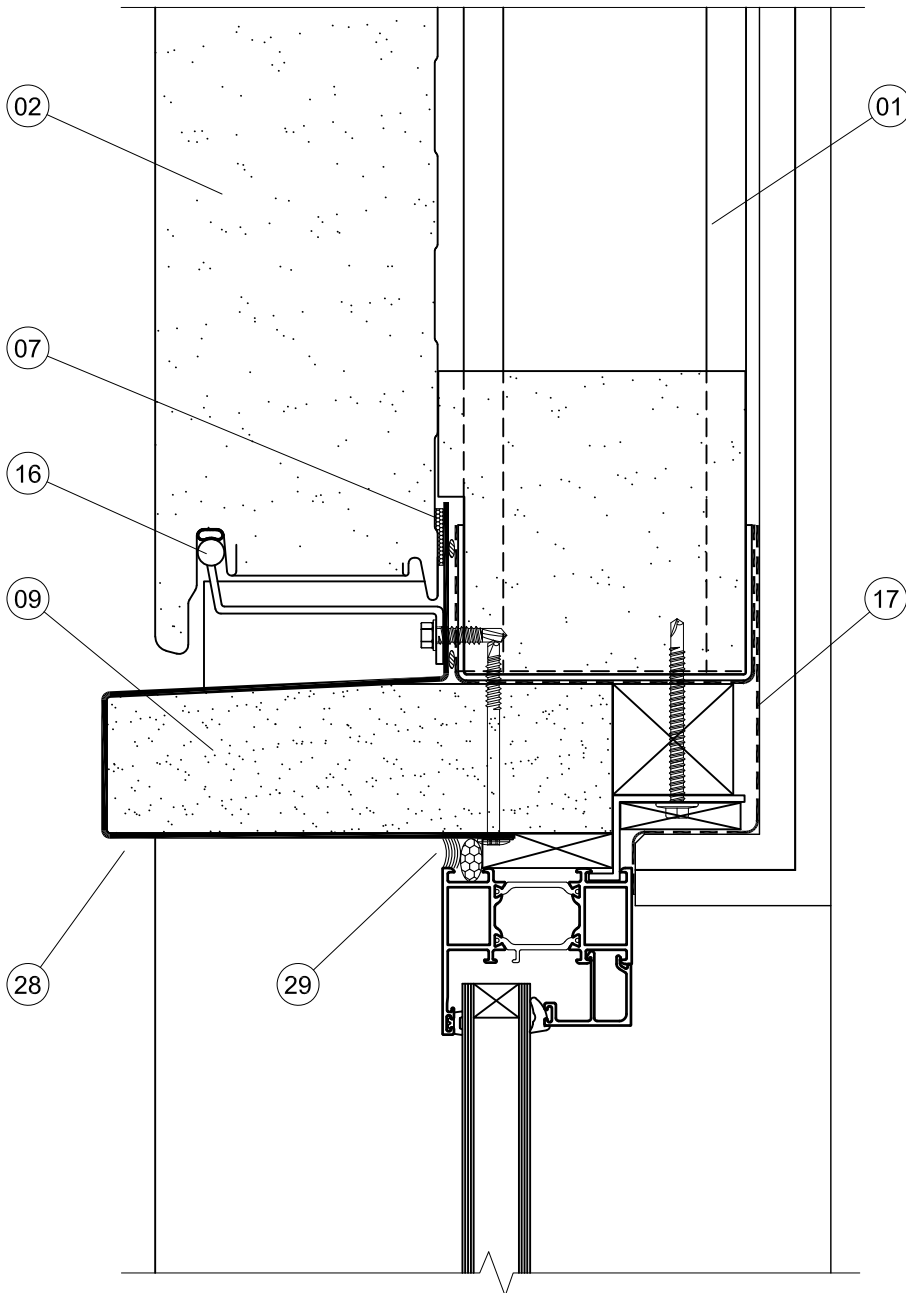
Drawing Title
**Evolution Axis
Window Sill Detail**

Status

Drawn by BT	Checked by	Date 18/01/19
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Drawing Number KF/EA/SFS/D11	Revision A
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- 01 SFS
- 02 Evolution Axis Panel
- 07 Air Seal - 20 x 9mm elf-adhesive closed cell PVC foam tape
- 09 PIR board insulation
- 16 Panel bearers
- 17 EPDM Membrane (internal air seal)
- 29 Weather seal by window installer
- 30 Window head flashing

Notes:

Rev	Description	Chkd	Date
A	Air seal updated to 20 x 9mm self-adhesive closed cell PVC foam tape		01/12/23

Rev	Description	Chkd	Date
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Client

Project

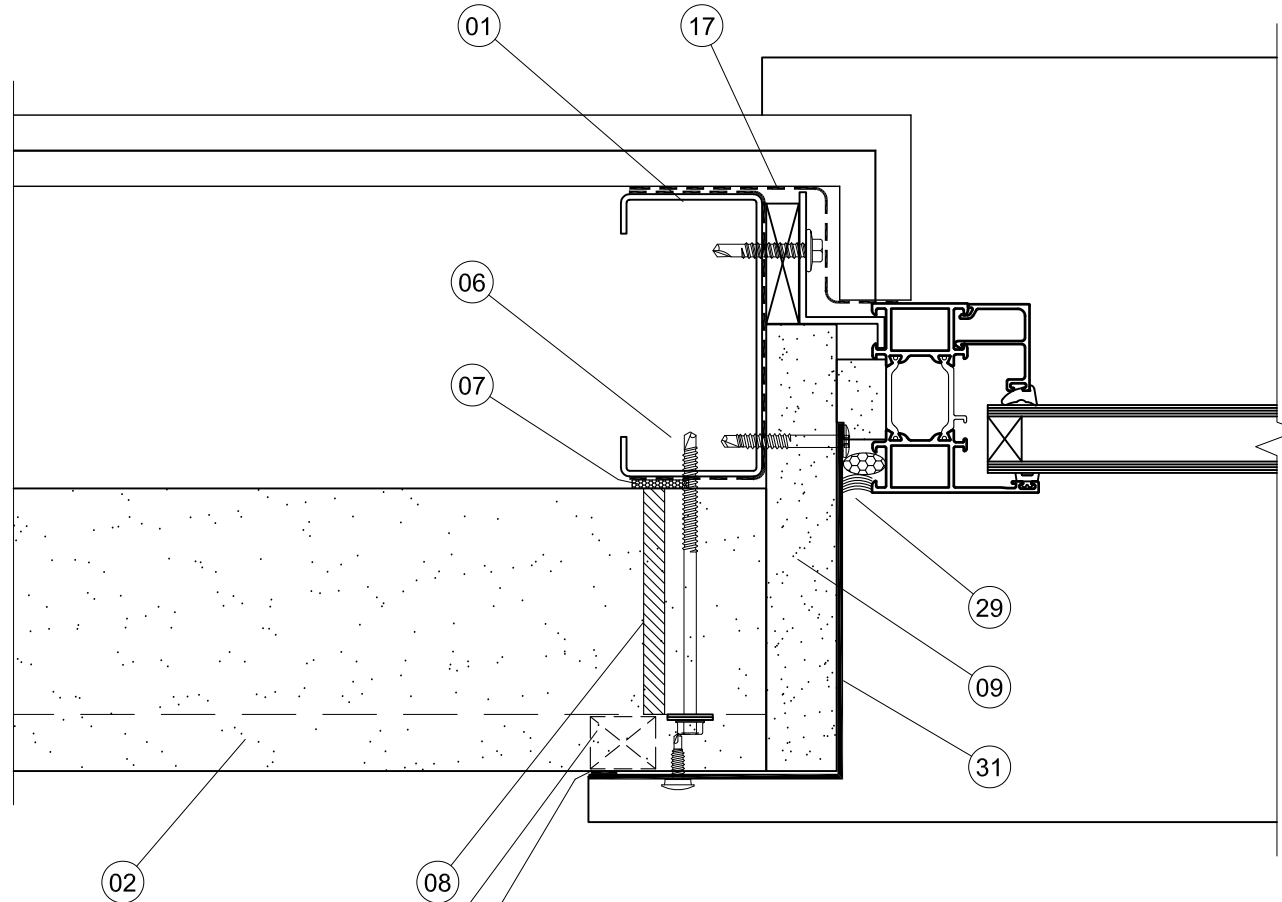
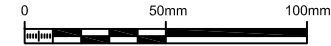
Drawing Title
**Evolution Axis
Window Head Detail**

Status

Drawn by BT	Checked by	Date 18/01/19
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Drawing Number KF/EA/SFS/D12	Revision A
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- 01 SFS
- 02 Evolution Axis Panel
- 05 AWP Filler
- 06 Panel fasteners
- 07 Air Seal - Continuous bead of gun grade sealant
- 08 Air seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 09 PIR board insulation
- 17 EPDM Membrane (internal air seal)
- 27 9 x 3mm butyl rubber seal
- 29 Weather seal by window installer
- 31 Window jamb flashing

Notes:

A	Air seal updated to 20 x 9mm self-adhesive closed cell PVC foam tape	01/12/23
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Rev	Description	Chkd	Date
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Drawing Title

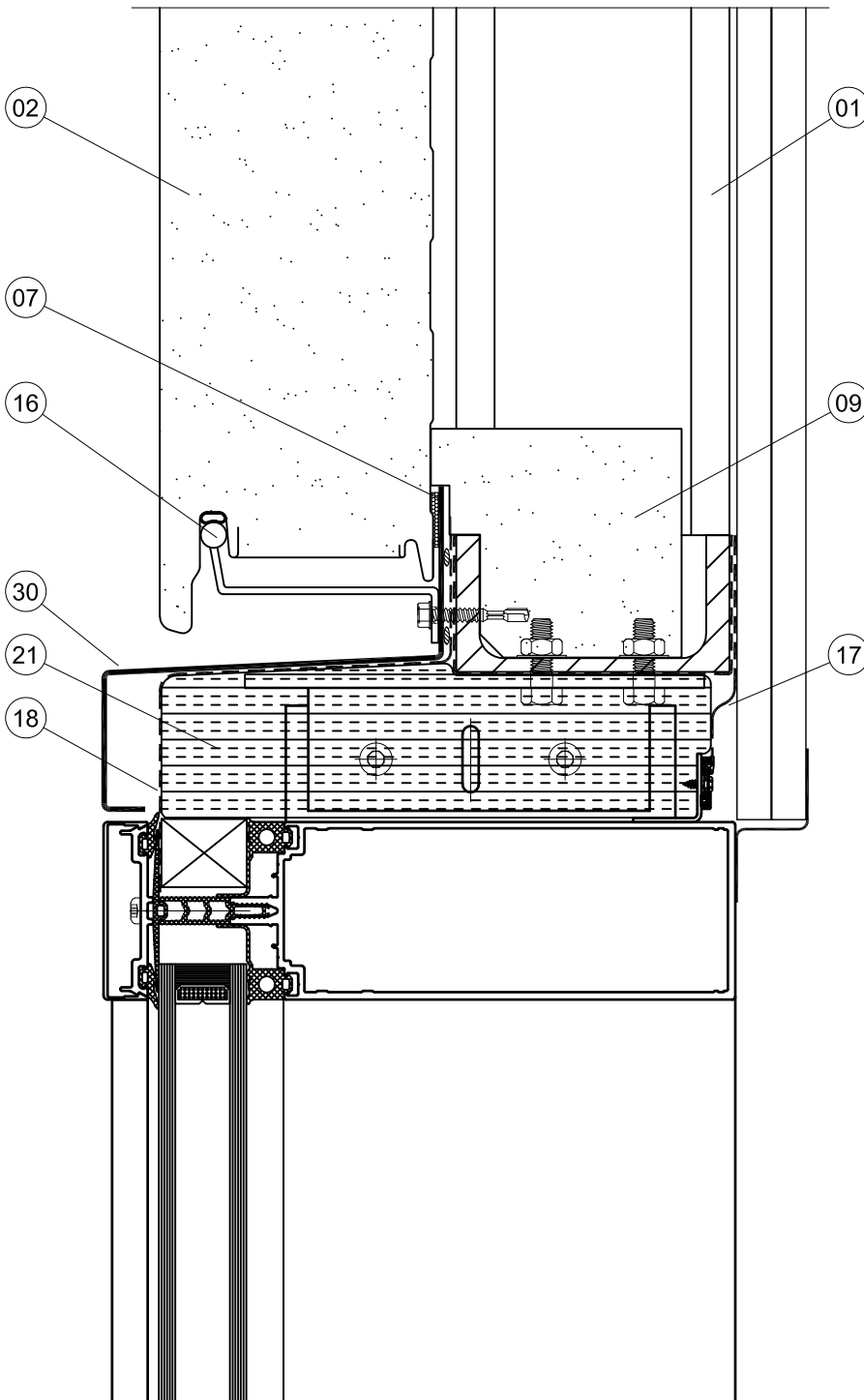
**Evolution Axis
Window Jamb Detail**

Status

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BT		18/01/19

Drawing Number	Revision
KF/EA/SFS/D13	A

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- 01 SFS
- 02 Evolution Axis Panel
- 07 Air Seal - 20 x 9mm self-adhesive closed cell PVC foam tape
- 09 PIR board insulation
- 16 Panel bearers
- 17 EPDM Membrane (internal air seal)
- 18 EPDM Membrane (external weather seal)
- 21 K-Roc Insulation
- 30 Window head flashing

Notes:

A	Air seal updated to 20 x 9mm self-adhesive closed cell PVC foam tape	01/12/23
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Rev	Description	Chkd	Date
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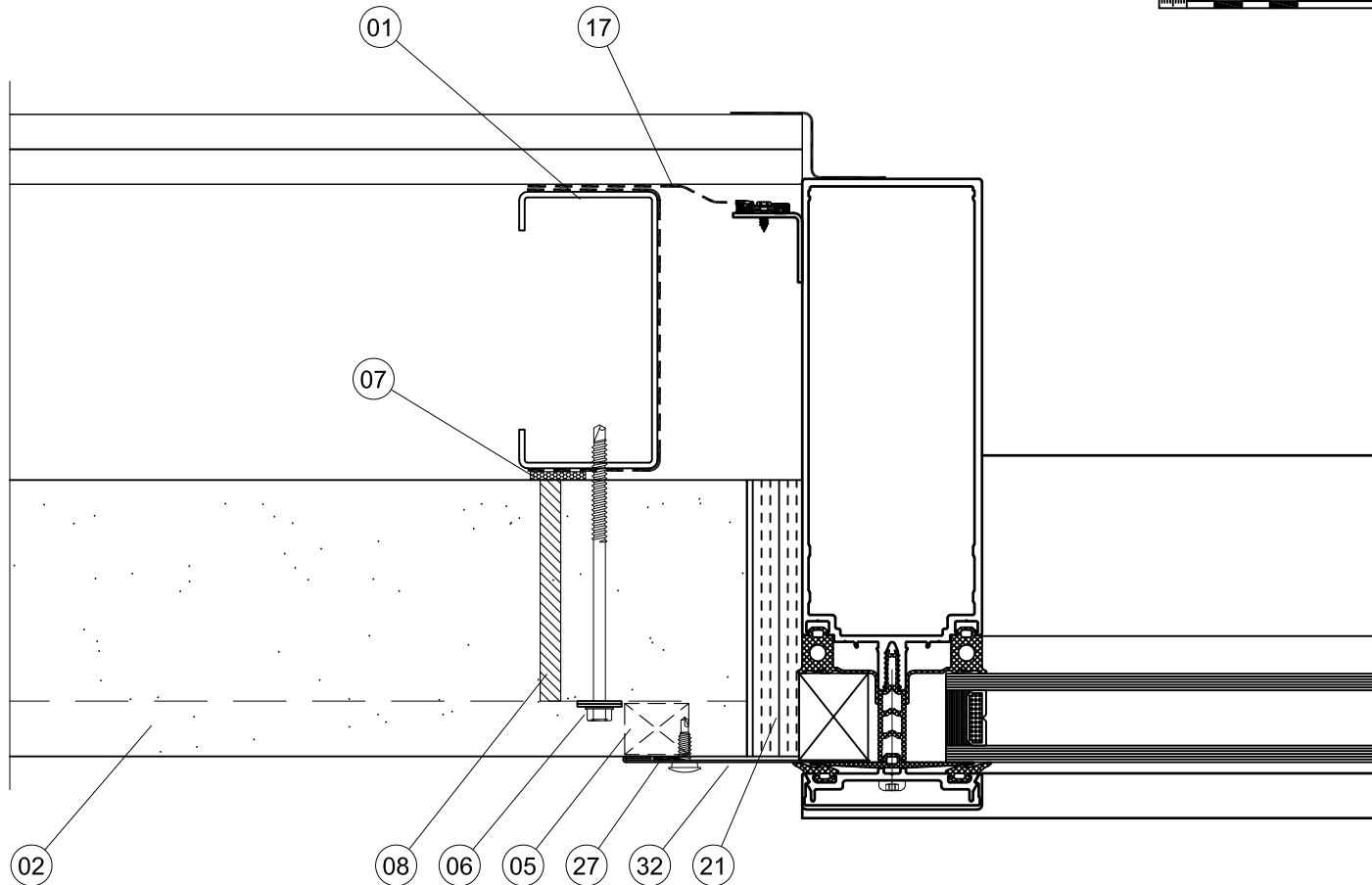
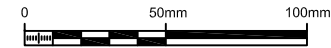
Drawing Title
**Evolution Axis
Curtain Wall Head Detail**

Status

Drawn by BT	Checked by	Date 18/01/19
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Drawing Number KF/EA/SFS/D14	Revision A
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- 01 SFS
- 02 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
- 17 EPDM Membrane (internal air seal)
- 21 K-Roc Insulation
- 27 9 x 3mm butyl rubber seal
- 32 Abutment flashing

Notes:

A	Air seal updated to 20 x 9mm self-adhesive closed cell PVC foam tape	01/12/23
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Rev	Description	Chkd	Date
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Client

Project

Drawing Title

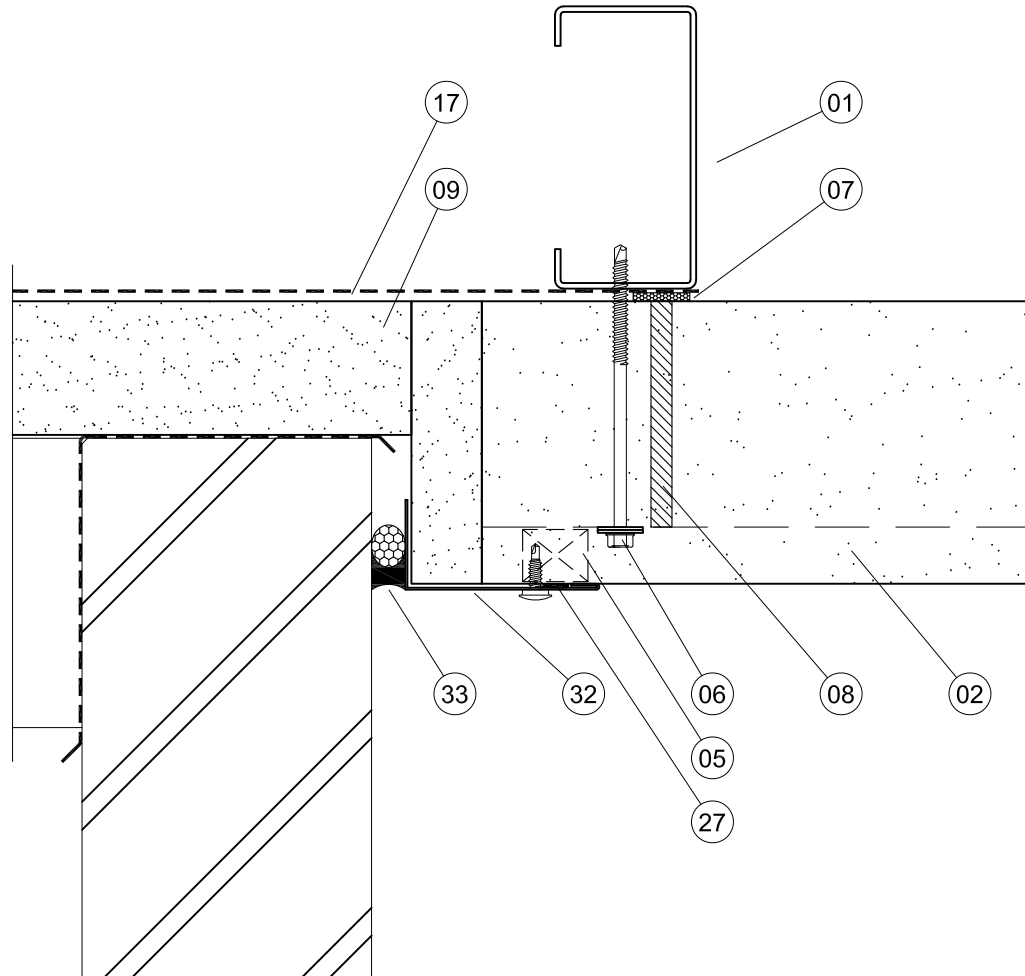
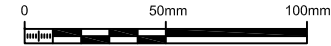
**Evolution Axis
Curtain Wall Jamb Detail**

Status

Drawn by	Checked by	Date
BT		18/01/19

Drawing Number	Revision
KF/EA/SFS/D15	A

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- 01 SFS
- 02 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
- 17 EPDM Membrane (internal air seal)
- 27 9 x 3mm butyl rubber seal
- 32 Abutment flashing
- 33 Backing rod and sealant

Notes:

A	Air seal updated to 20 x 9mm self-adhesive closed cell PVC foam tape	07/12/23
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Rev	Description	Chkd	Date
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Project

Drawing Title

**Evolution Axis
Abutment Detail**

Status

Drawn by	Checked by	Date
BT		18/01/19

Drawing Number	Revision
KF/EA/SFS/D16	A

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