

Wetherby Wall Systems

Steel Frame - Cavity Spacer Rail

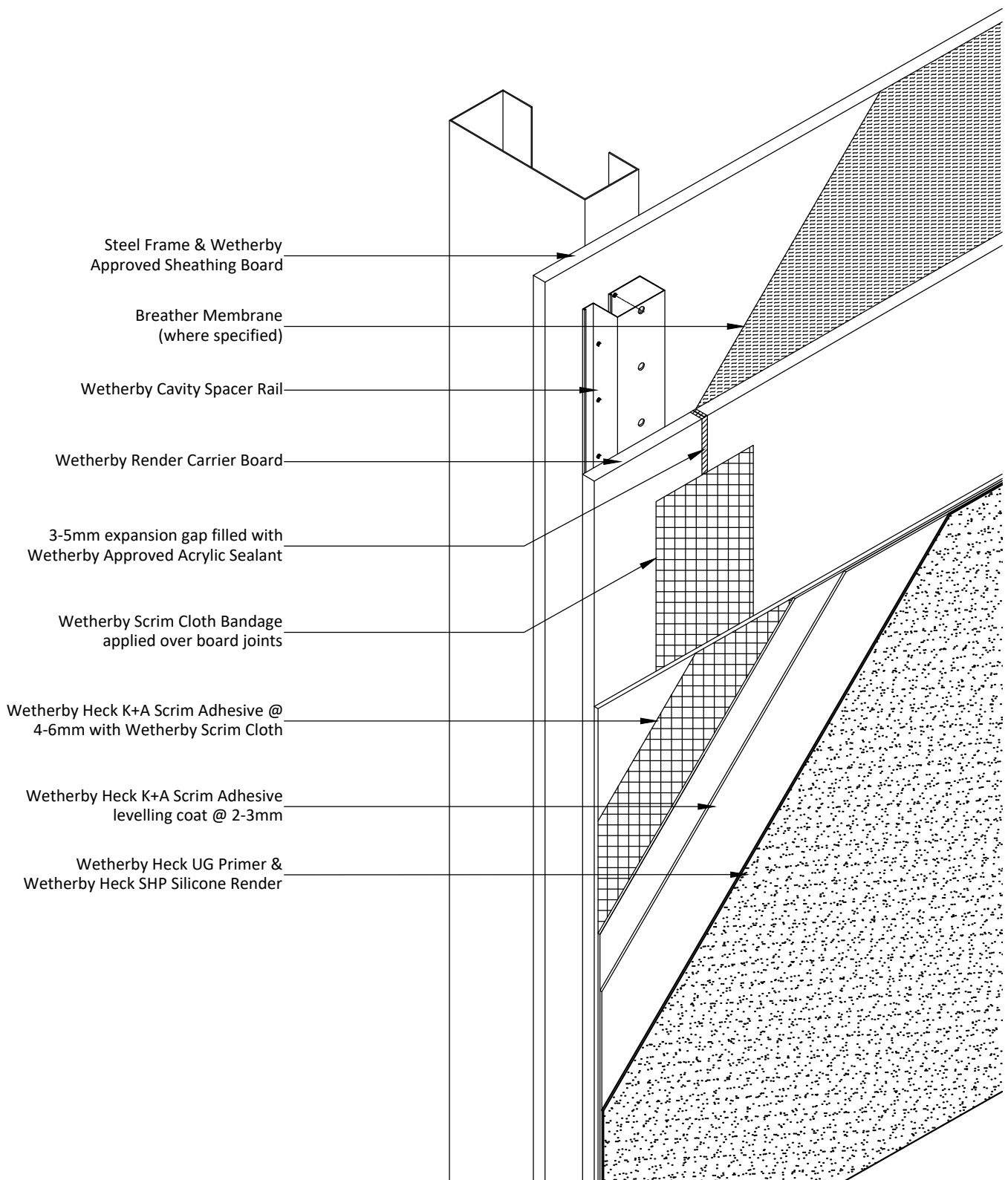
Carrier Board with Silicone Render

Sunflower Cafe, Merthyr Tydfil



The following Wetherby detail drawing set is specific to the above named project and is non-transferable to a different project.

This detail drawing set is only valid for 6 months from issue date, due to the changing industry regulations and requirements.



Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Isometric Detail

Drawing No:

JG_26-03597-RCB-S-RR-SIL-0001

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

Wetherby Wall Systems Ltd

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Wall Systems Part of ROCKWOOL Group

1 Kid Glove Road, Golborne, WA3 3GS

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2400

1200

2400 x 1200mm Board

min. 25no. fixings per board

585

600

600

585

15

15

15

15

50

50

50

50

285

285

285

285

250

250

250

250

15

15

15

15

50

50

50

50

3-5mm expansion gaps between adjacent boards

50mm

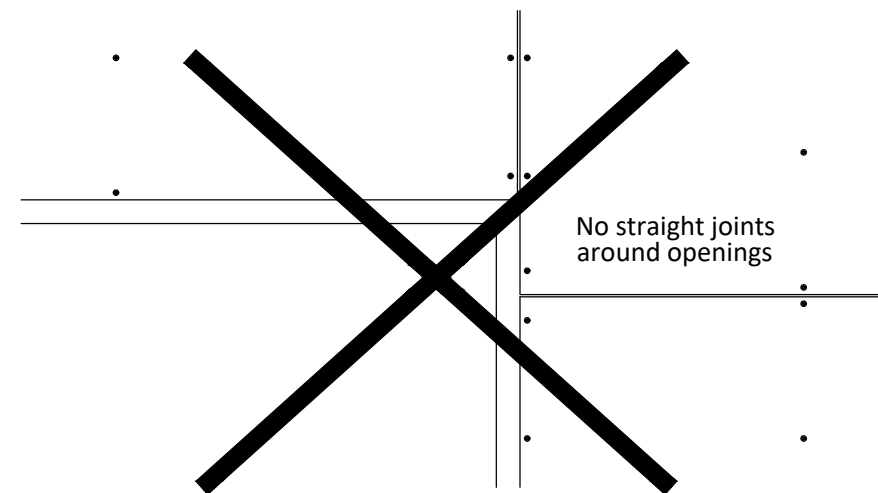
15mm

Wetherby Approved Acrylic Sealant

Anticipated centre line of board joints

circa. 2mm thick Wetherby Heck K+A Scrim Adhesive with 100mm wide Scrim Cloth applied centrally over the board joint and trowelled through.

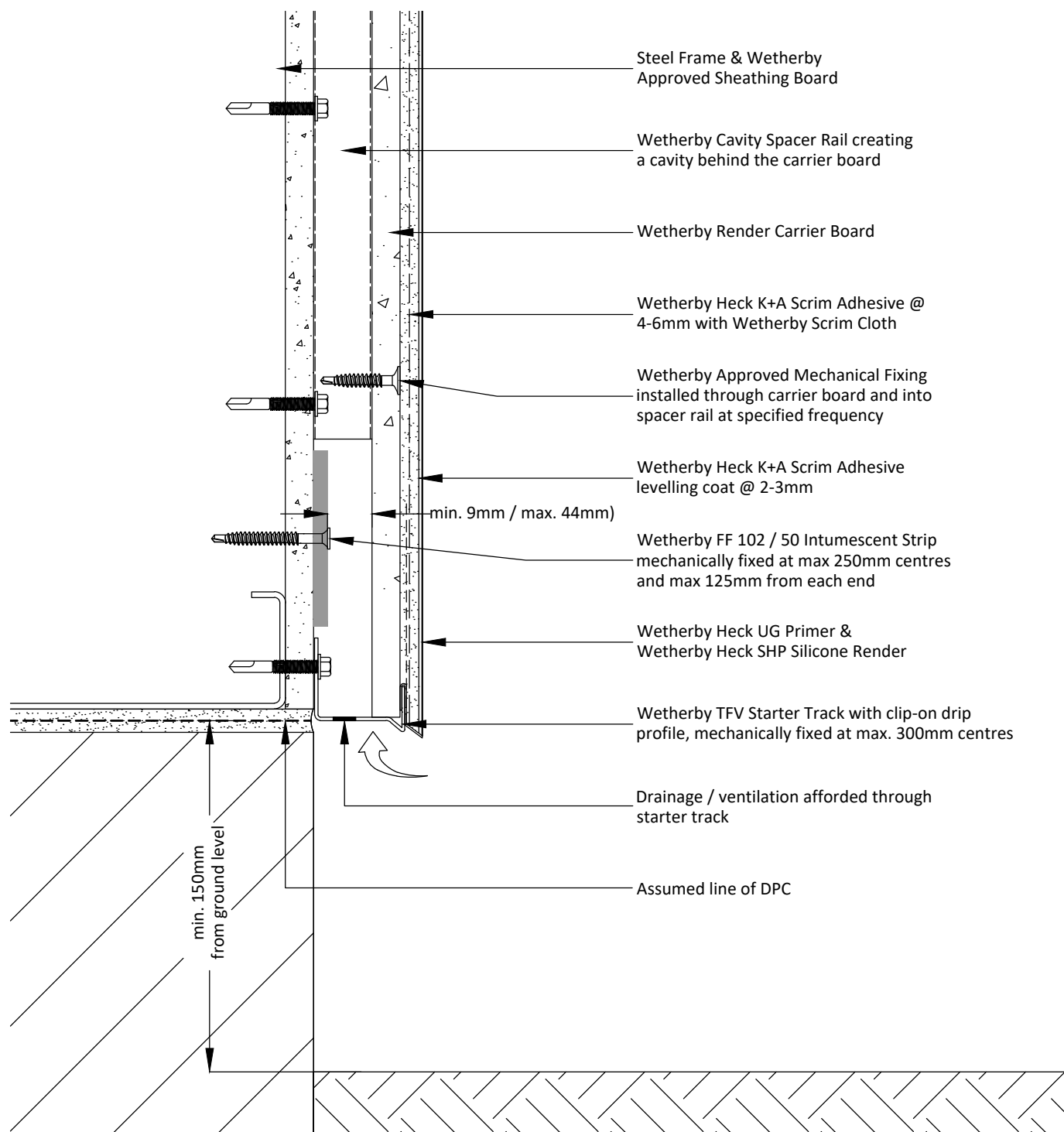
EQ EQ



- 1 - Main area elevations to follow a minimum of 25 no. mechanical fixings per 2400 x 1200mm board (subject to wind loads).
- 2 - Minimum 600mm bond overlap (based on supporting profiles being fixed at 600mm centres as standard).
- 3 - Minimum 200mm flag-cuts (L-shapes) around openings.
- 4 - Boards must always fall centrally on cavity spacer rails.
- 5 - Boards must be stagger-bonded at all external building corners & openings.

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Sunflower Cafe, Merthyr Tydfil	Checked by: N.K	
Drawing Title:	Revision: -	
Render Carrier Board Layout - 2400 x 1200mm	Scale: NTS	
Drawing No:	Date: 21.05.2026	
JG_26-03597-RCB-S-RR-SIL-0002	Drawing Set: WWS-45	

Detail drawings must be read in conjunction with the Wetherby project specific specification.



Notes:

- 1 - Detail creates a potential cold bridge. Insulation may be required below DPC.
- 2 - Intumescent Strip position / requirements to be confirmed subject to project specific detailing.
- 3 - If packing out of the batten is required and/or the cavity depth is inconsistent, 100mm wide strips of A1 CPB can be used to pack out behind the intumescent strip ensuring a minimum 9mm cavity and maximum 44mm cavity is maintained when measured from the front of the intumescent strip and rear of the carrier board. (subject to agreement from all parties).
- 4 - Alternative base ventilation/drainage profiles available on request.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Standard Base Detail (Intumescent Strip)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-1000

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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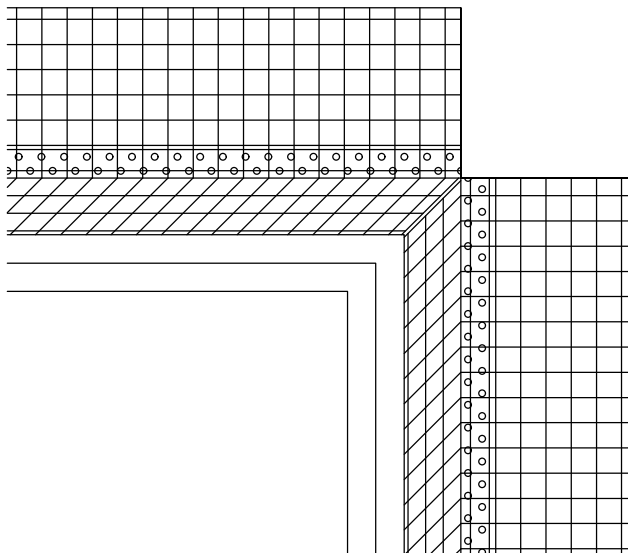
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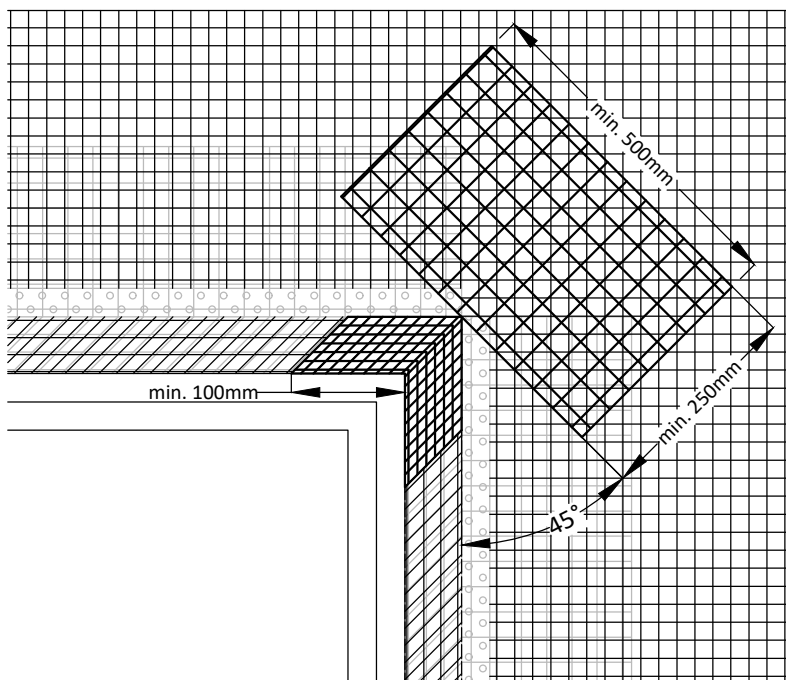
A

Corner bead installed to head and reveal/jamb



B

Reinforcing mesh installed and cut tight to the body of the corner bead with additional min. 500 x 250mm reinforcing mesh stress patch applied diagonally across the opening at approx. 45° angle and additional min. 100 x 100mm mesh strip to internal angle of opening



Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Stress Patch Detail

Drawing No:

JG_26-03597-RCB-S-RR-SIL-2000

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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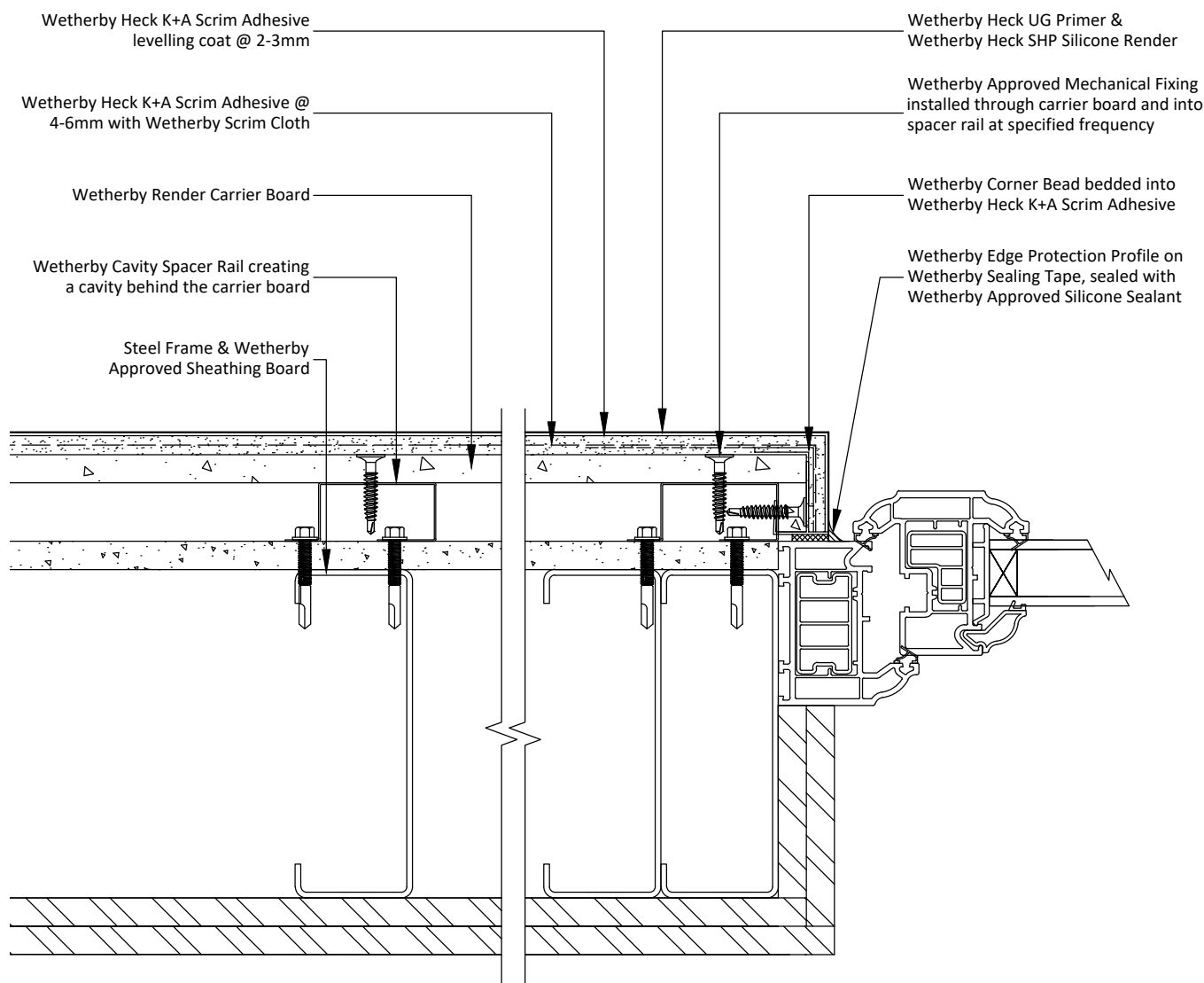
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Notes:

- 1 - The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific window detailing / requirements.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Reveal Detail A (Galv Rail)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-2001A

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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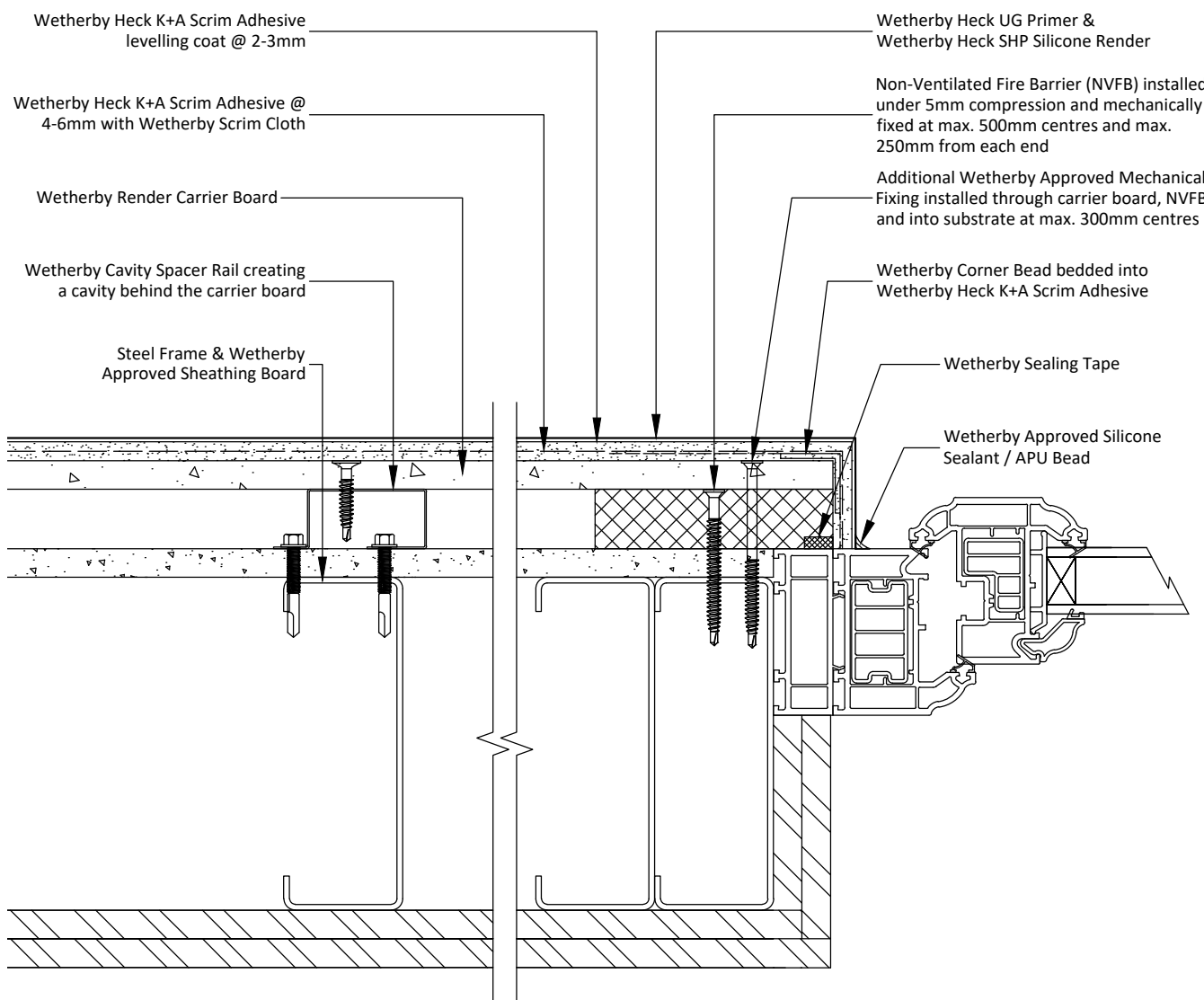
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Notes:

- 1 - Non-Ventilated Fire Barrier must be installed under min. 5mm compression and must be mechanically fixed at max. 500mm centres and 250mm from each end. Contact Wetherby Technical Services for further guidance.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Reveal Detail B (NVFB)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-2001B

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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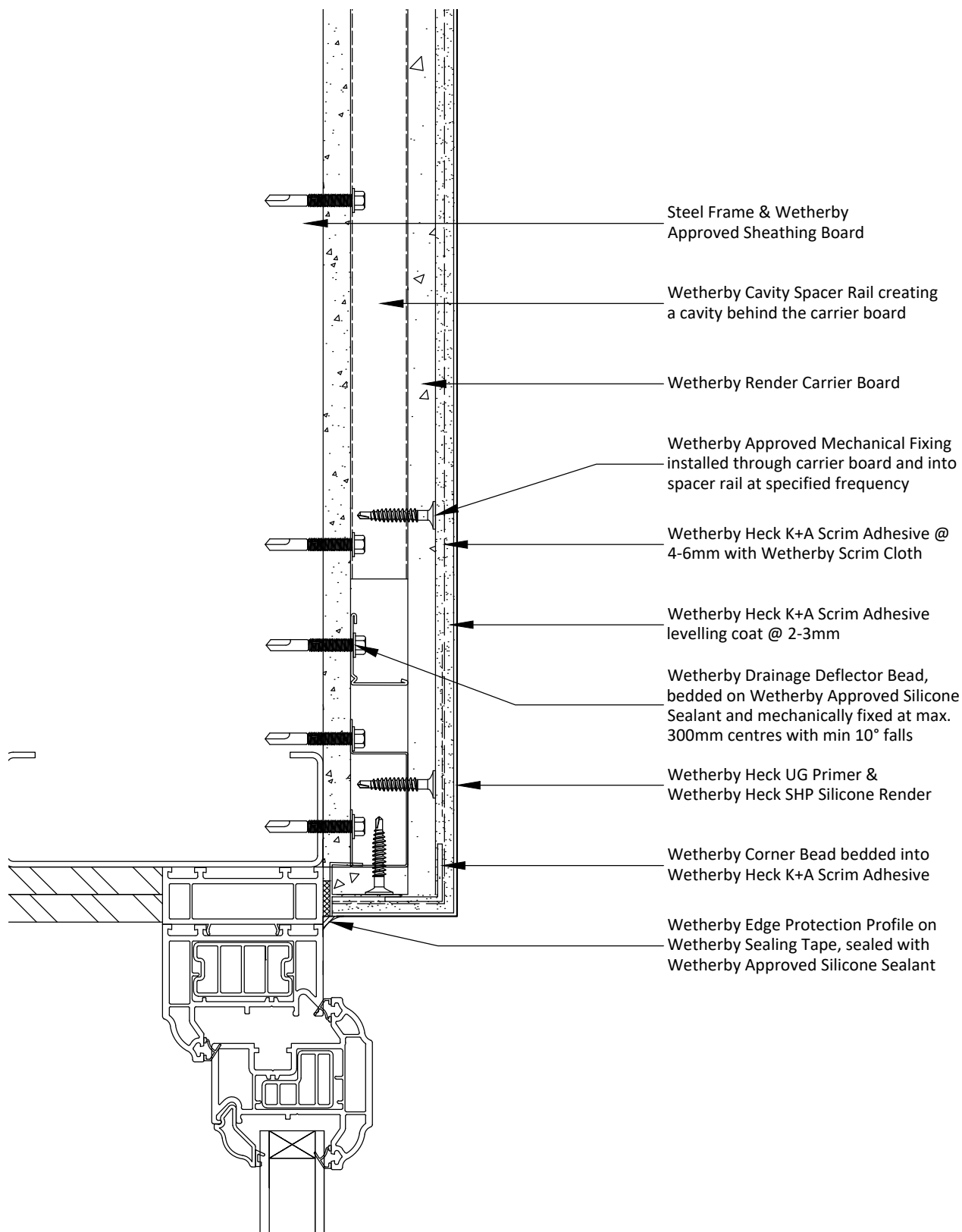
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Notes:

- 1 - The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific window detailing / requirements.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Head Detail A (Galv Rail)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-2002A

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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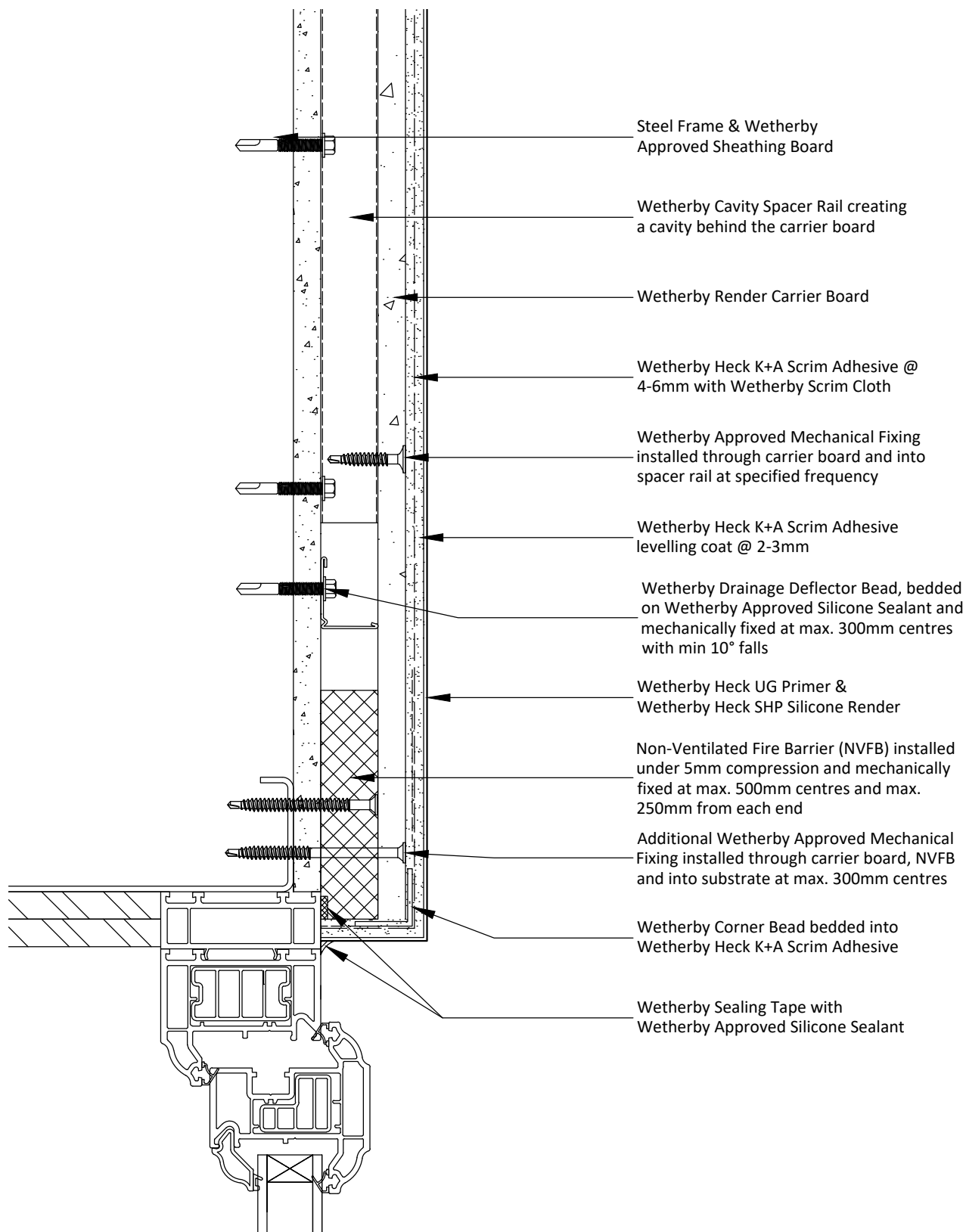
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Notes:

1 - Non-Ventilated Fire Barrier must be installed under min. 5mm compression and must be mechanically fixed at max. 500mm centres and 250mm from each end. Contact Wetherby Technical Services for further guidance.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Head Detail B (NVFB)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-2002B

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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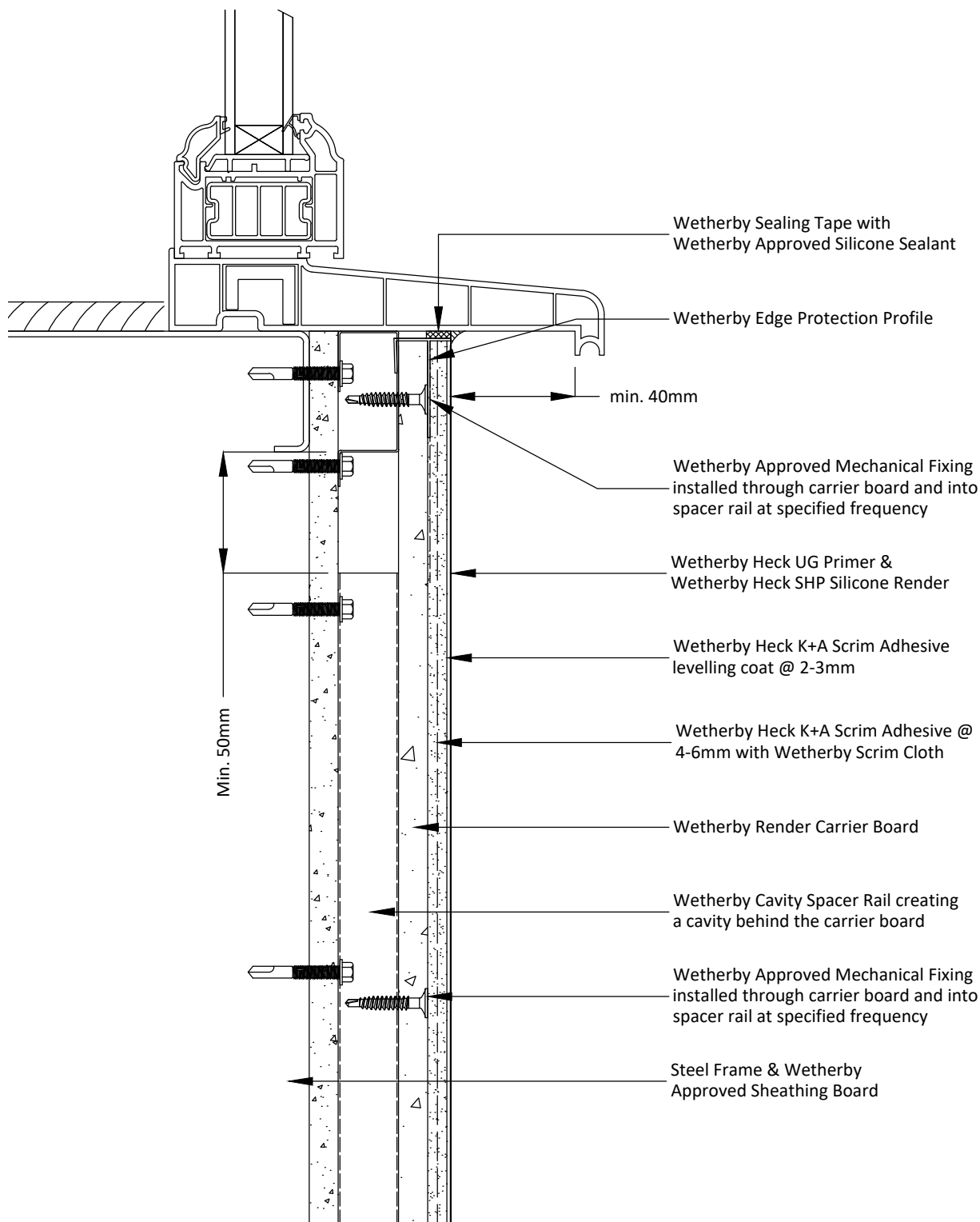
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Notes:

- 1 - The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific window detailing / requirements.
- 2 - The above detail does not allow for ventilation at the window sill on the basis that cross ventilation will be afforded around the opening via the 50mm ventilation gap between the cavity spacer rails.
Where a ventilated sill detail is required, contact Wetherby Technical Services for further guidance.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Window Sill Detail A (Galv Rail)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-2003A

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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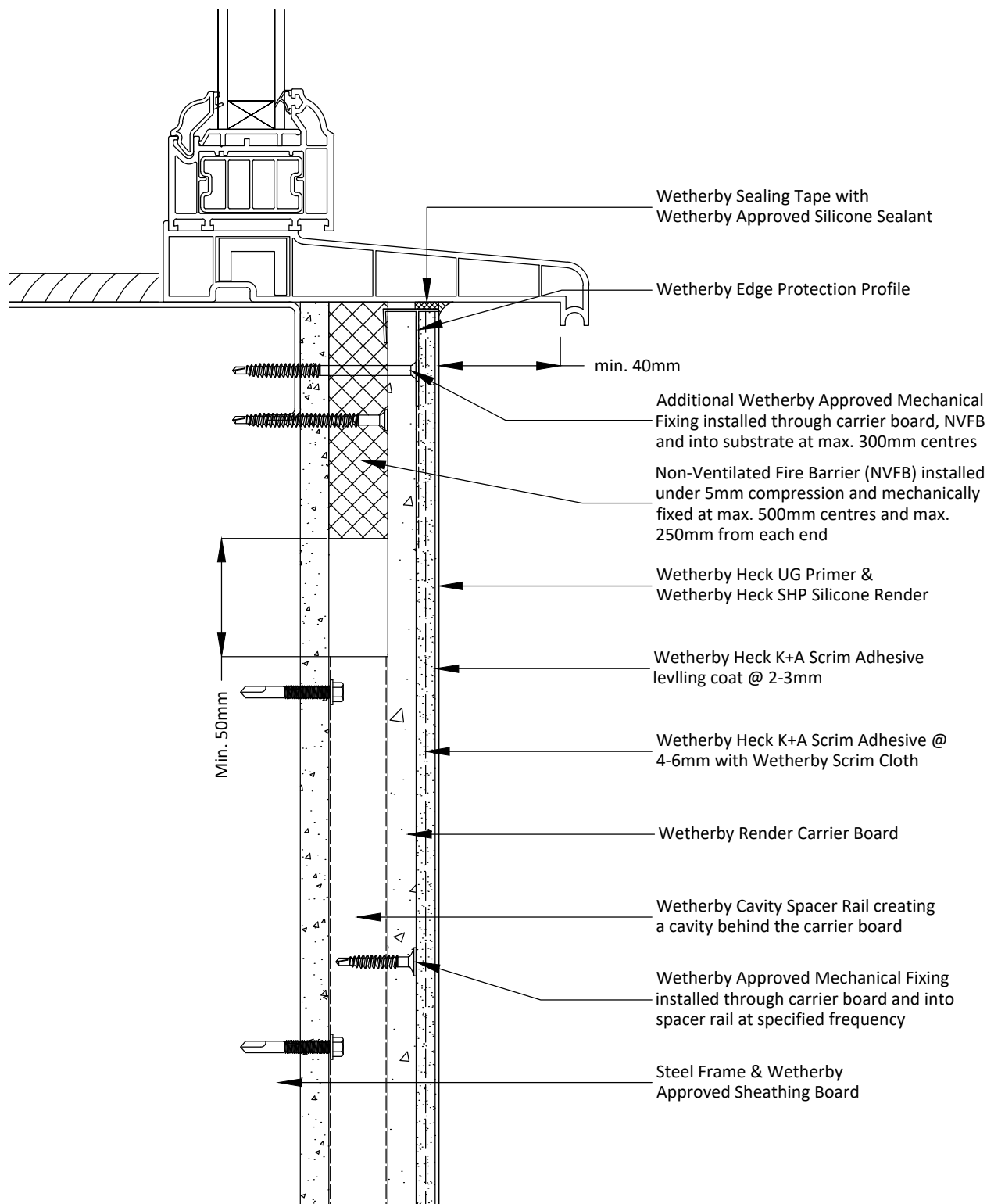
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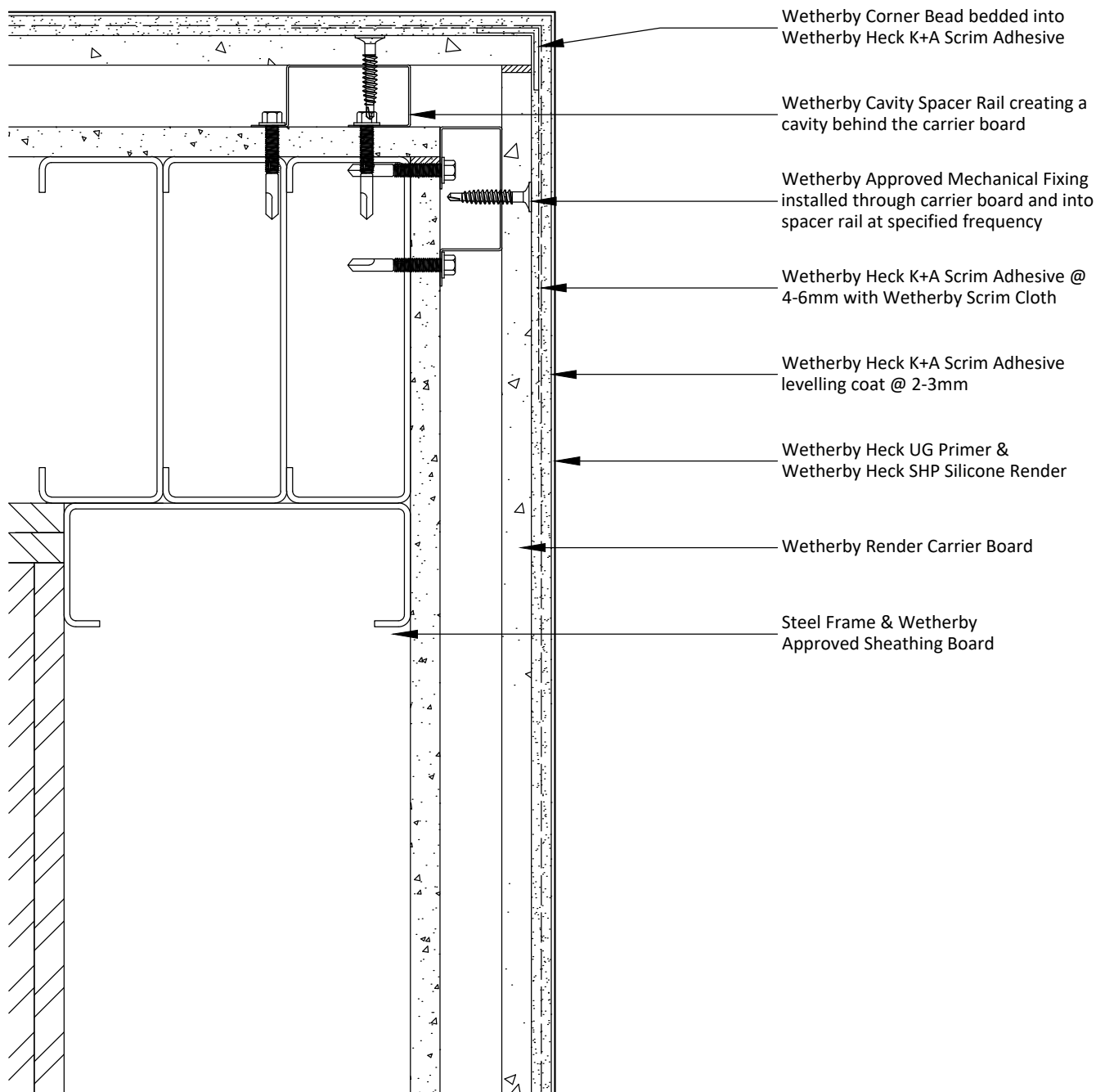


Notes:

- 1 - Non-Ventilated Fire Barrier must be installed under min. 5mm compression and must be mechanically fixed at max. 500mm centres and 250mm from each end. Contact Wetherby Technical Services for further guidance.
- 2 - The above detail does not allow for ventilation at the window sill on the basis that cross ventilation will be afforded around the opening via the 50mm ventilation gap between the spacer rail and NVFB fire barrier. Where a ventilated sill detail is required, contact Wetherby Technical Services for further guidance.

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Sunflower Cafe, Merthyr Tydfil	Checked by: N.K		
Drawing Title:	Revision: -		
Window Sill Detail B (NVFB)	Scale: NTS		
Drawing No:	Date: 21.05.2026		
JG_26-03597-RCB-S-RR-SIL-2003B	Drawing Set: WWS-45		

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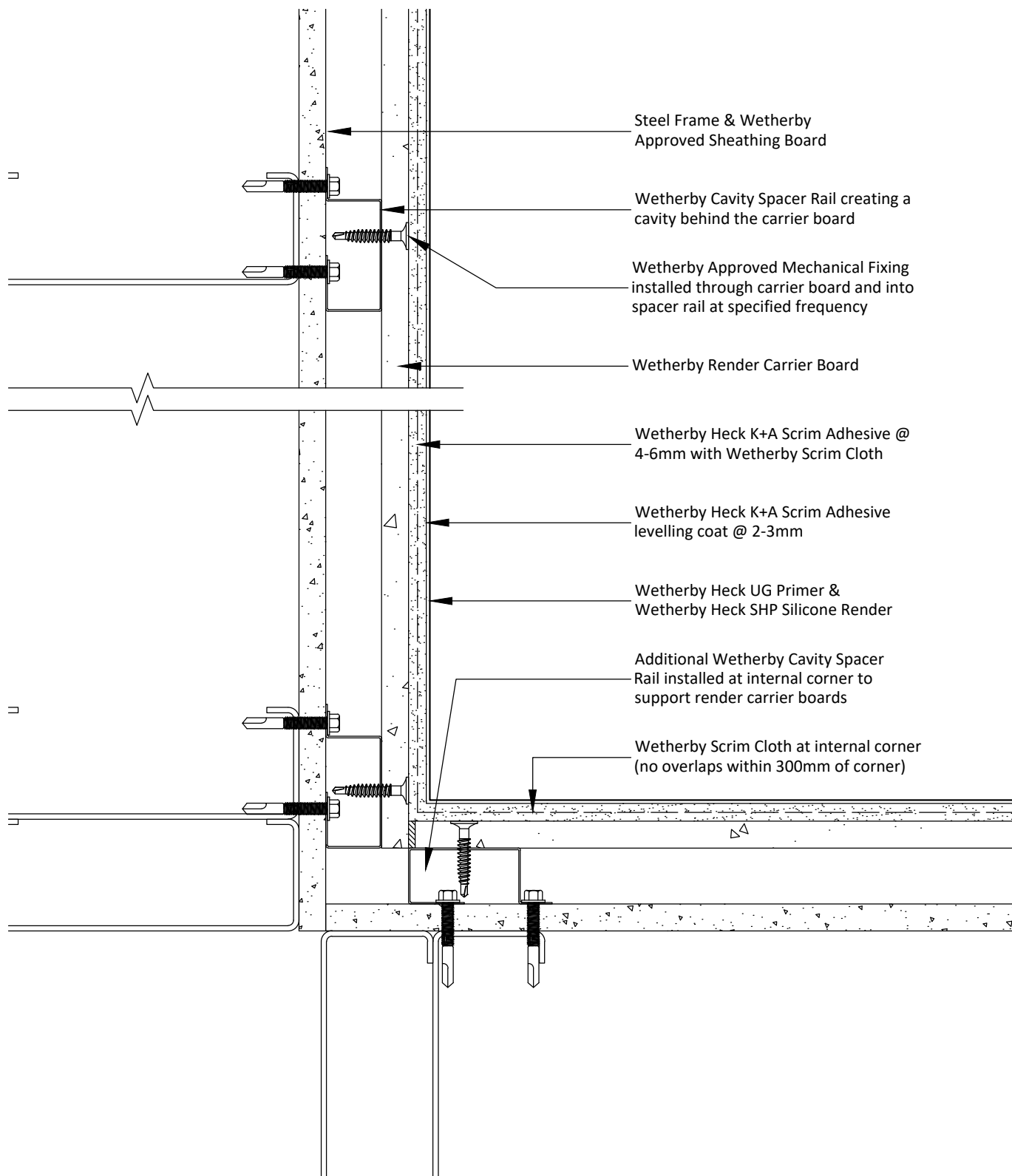


Notes:

- 1 - Wetherby Render Carrier Board must be stagger / brick bonded at all external building corners & openings.

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Sunflower Cafe, Merthyr Tydfil	Checked by: N.K		
Drawing Title:	Revision: -		
External Corner Detail	Scale: NTS		
Drawing No:	Date: 21.05.2026		
JG_26-03597-RCB-S-RR-SIL-3000	Drawing Set: WWS-45		

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Notes:

- 1 - Wetherby Render Carrier Board must be stagger / brick bonded at all internal building corners.
- 2 - All existing structural movement must be replicated in the render system. If movement is expected at the internal corner, an alternative detail will be required to incorporate a movement joint.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Internal Corner Detail

Drawing No:

JG_26-03597-RCB-S-RR-SIL-3001

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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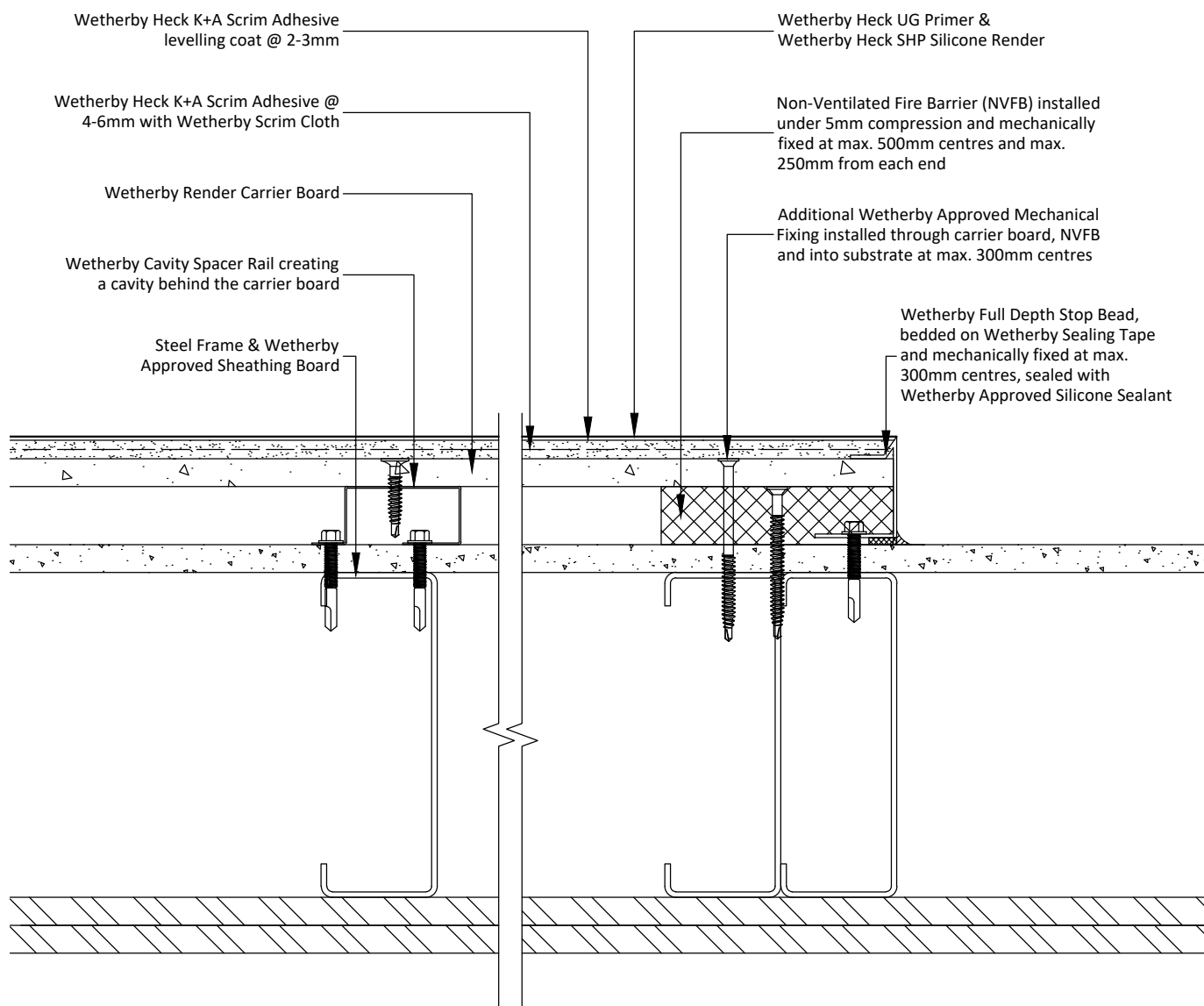
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Notes:

- 1 - Non-Ventilated Fire Barrier must be installed under min. 5mm compression and must be mechanically fixed at max. 500mm centres and 250mm from each end. Contact Wetherby Technical Services for further guidance.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Vertical Termination Detail (NVFB)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-3002

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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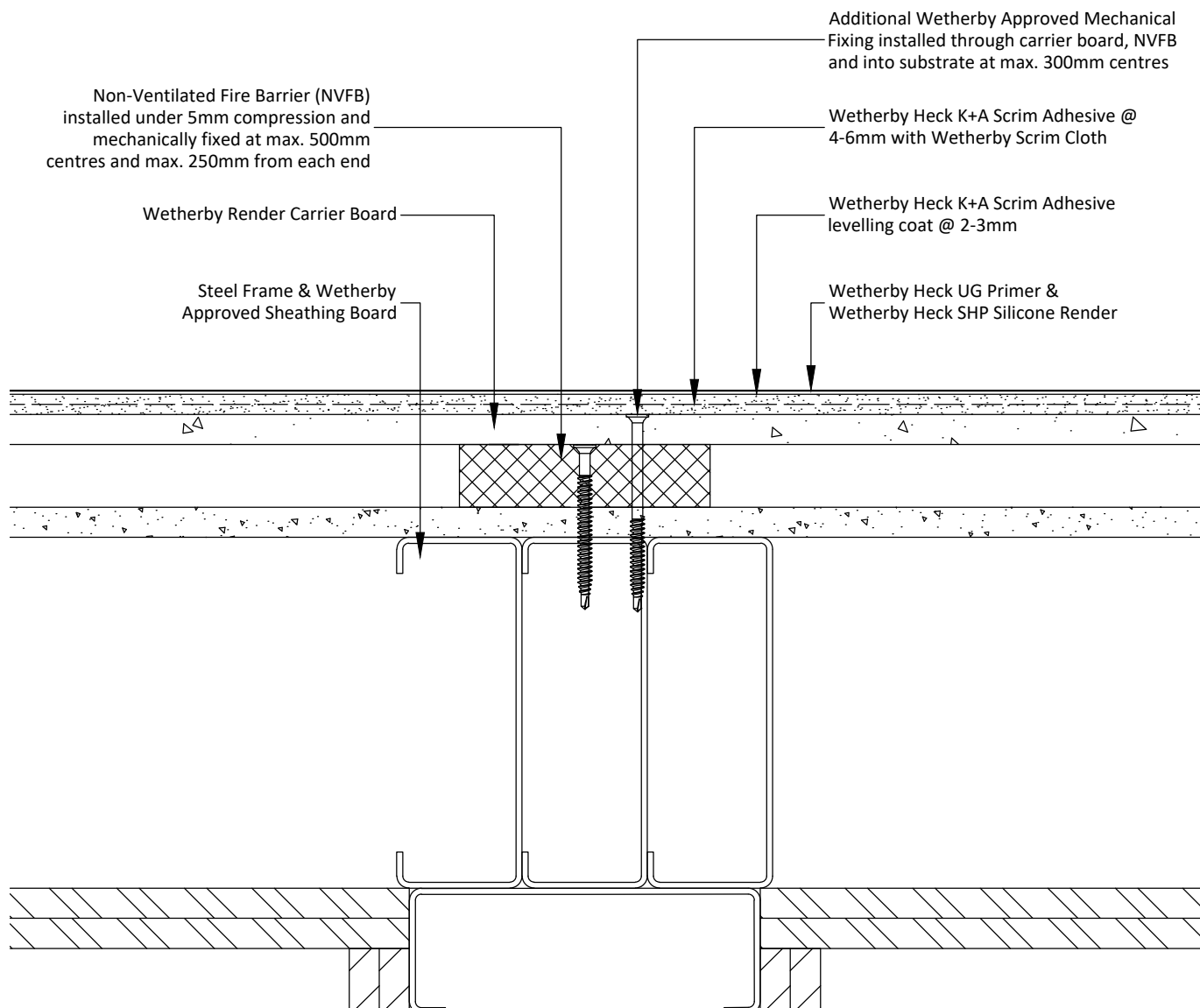
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Notes:

1 - Non-Ventilated Fire Barrier must be installed under min. 5mm compression and must be mechanically fixed at max. 500mm centres and 250mm from each end. Contact Wetherby Technical Services for further guidance.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Vertical Fire Barrier Detail

Drawing No:

JG_26-03597-RCB-S-RR-SIL-3003

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

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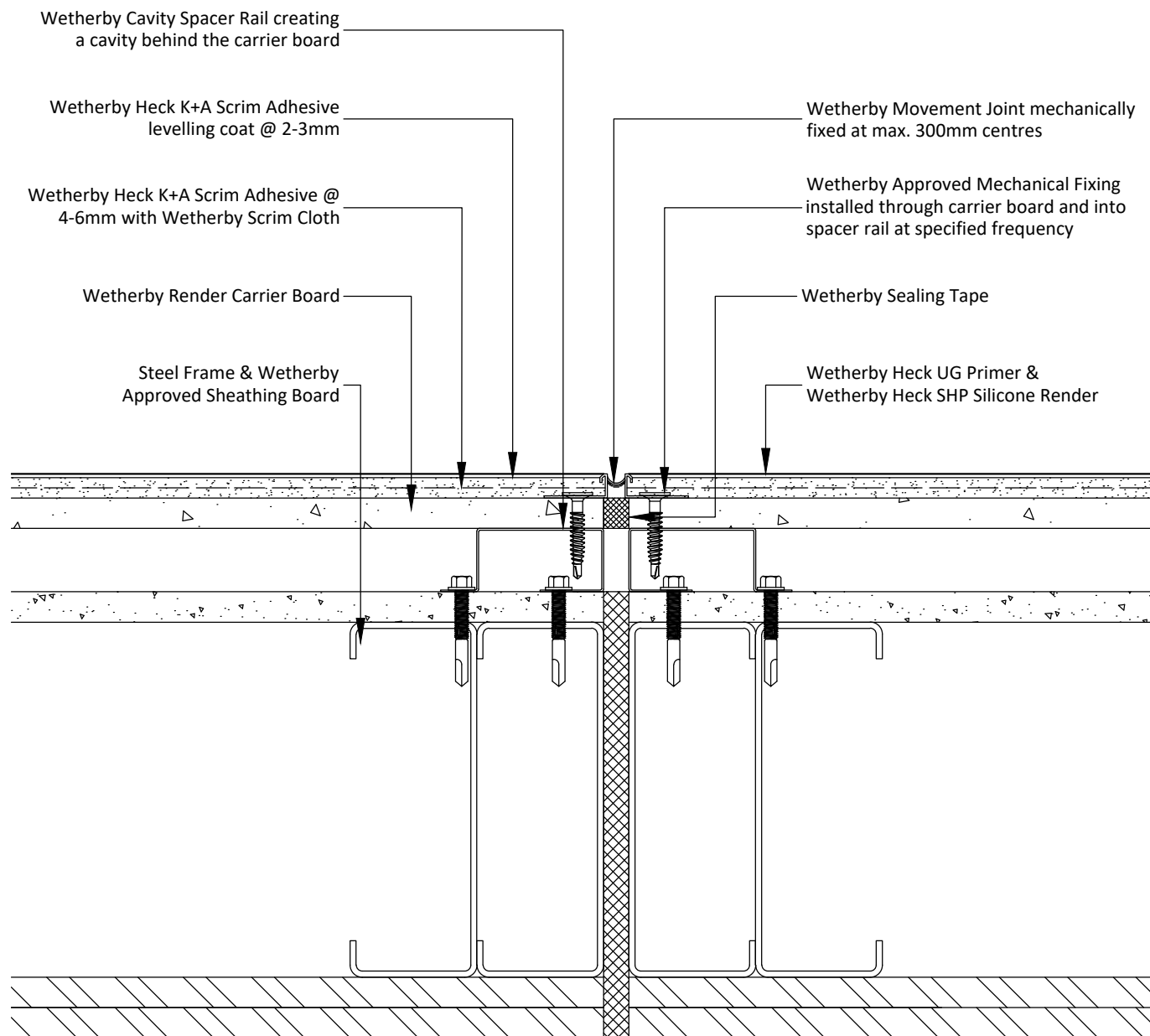
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Notes:

- 1 - All existing structural movement must be replicated in the render system.
- 2 - If movement joint is located at compartment wall locations, detail will require addition of cavity fire barriers. Contact Wetherby Technical Services for further guidance.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Vertical Movement Joint Detail

Drawing No:

JG_26-03597-RCB-S-RR-SIL-4000

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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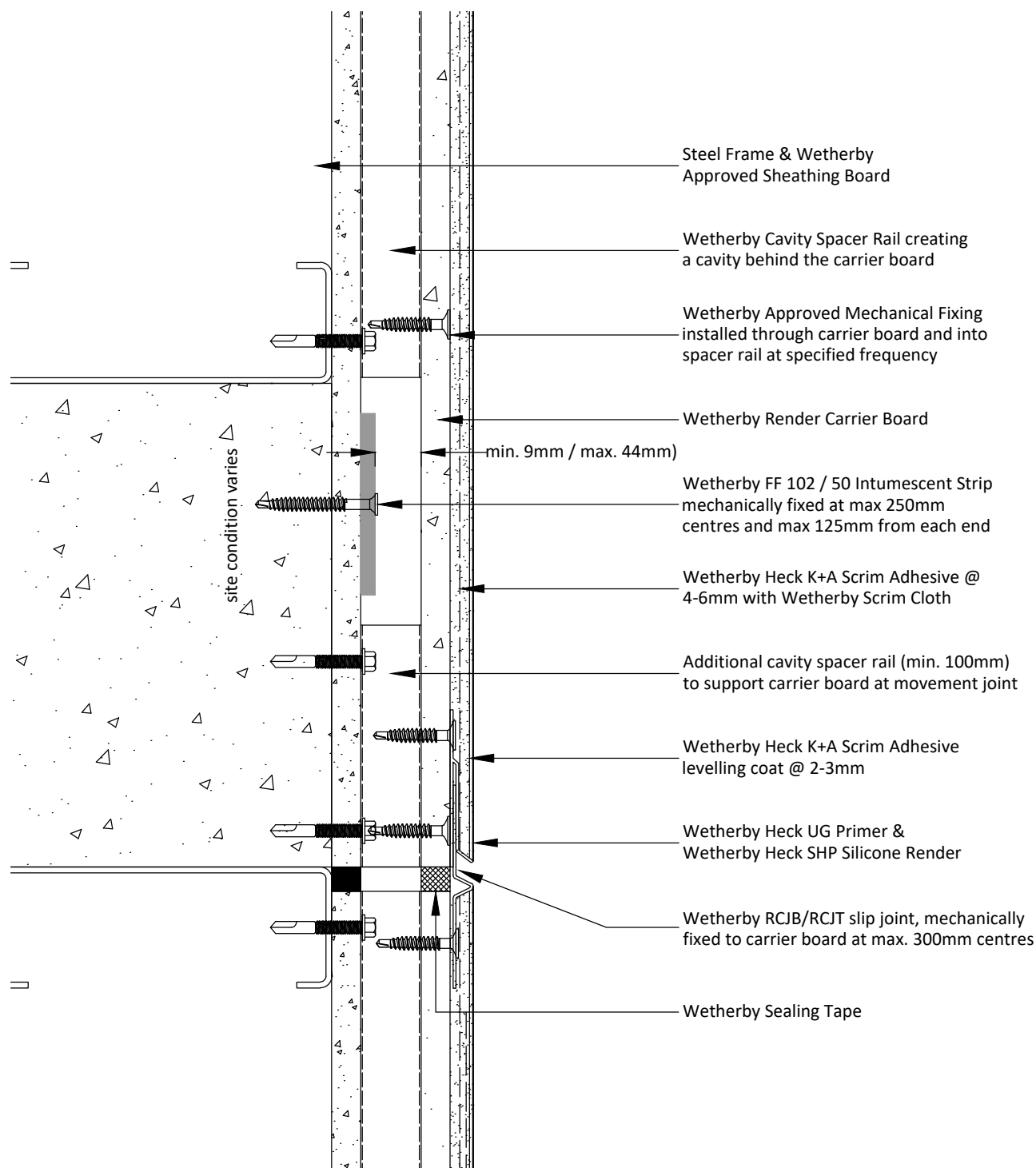
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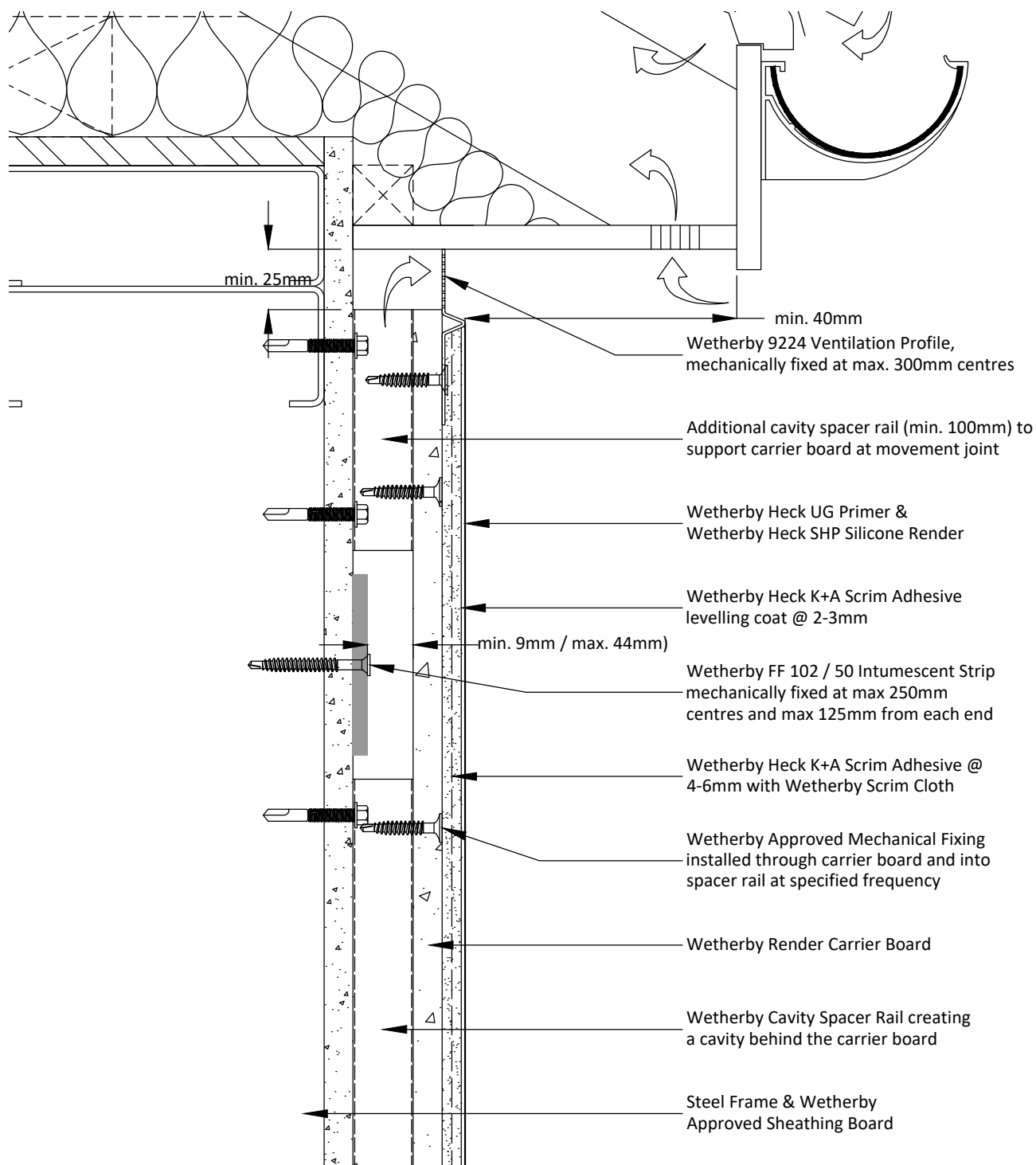


Notes:

- 1 - All existing structural movement must be replicated in the render system.
- 2 - Min. 100mm wide jointing pieces must be installed at connections between adjacent lengths of RCJB horizontal movement joint profiles and at connections with any pre-welded internal or external corner profiles.
- 3 - If packing out of the batten is required and/or the cavity depth is inconsistent, 100mm wide strips of A1 CPB can be used to pack out behind the intumescent strip ensuring a minimum 9mm cavity and maximum 44mm cavity is maintained when measured from the front of the intumescent strip and rear of the carrier board. (subject to agreement from all parties).

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Sunflower Cafe, Merthyr Tydfil	Checked by: N.K		
Drawing Title:	Revision: -		
Horizontal Movement Joint Detail	Scale: NTS		
Drawing No:	Date: 21.05.2026		
JG_26-03597-RCB-S-RR-SIL-4001	Drawing Set: WWS-45		

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Notes:

- 1 - Roof ventilation must not be obstructed or must be re-positioned.
- 2 - Intumescent Strip position / requirements to be confirmed subject to project specific detailing.
- 3 - If packing out of the batten is required and/or the cavity depth is inconsistent, 100mm wide strips of A1 CPB can be used to pack out behind the intumescent strip ensuring a minimum 9mm cavity and maximum 44mm cavity is maintained when measured from the front of the intumescent strip and rear of the carrier board. (subject to agreement from all parties).
- 4 - Alternative ventilation profiles available on request.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Eaves Detail (Vented with Intumescent Strip)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-5000

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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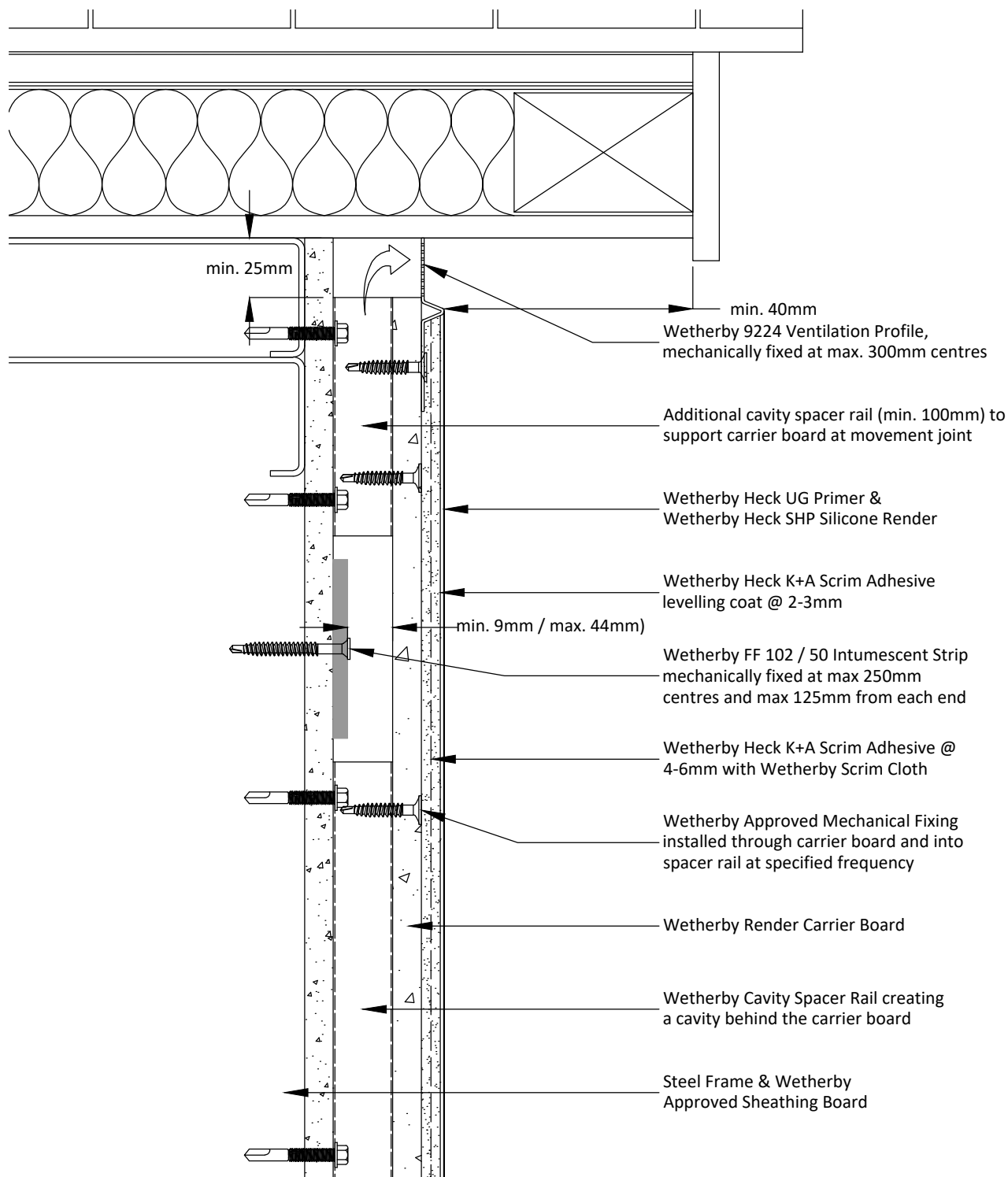
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Notes:

- 1 - Intumescent Strip position / requirements to be confirmed subject to project specific detailing.
- 2 - If packing out of the batten is required and/or the cavity depth is inconsistent, 100mm wide strips of A1 CPB can be used to pack out behind the intumescent strip ensuring a minimum 9mm cavity and maximum 44mm cavity is maintained when measured from the front of the intumescent strip and rear of the carrier board. (subject to agreement from all parties).
- 3 - Alternative ventilation profiles available on request.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Verge Detail (Vented with Intumescent Strip)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-5001

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

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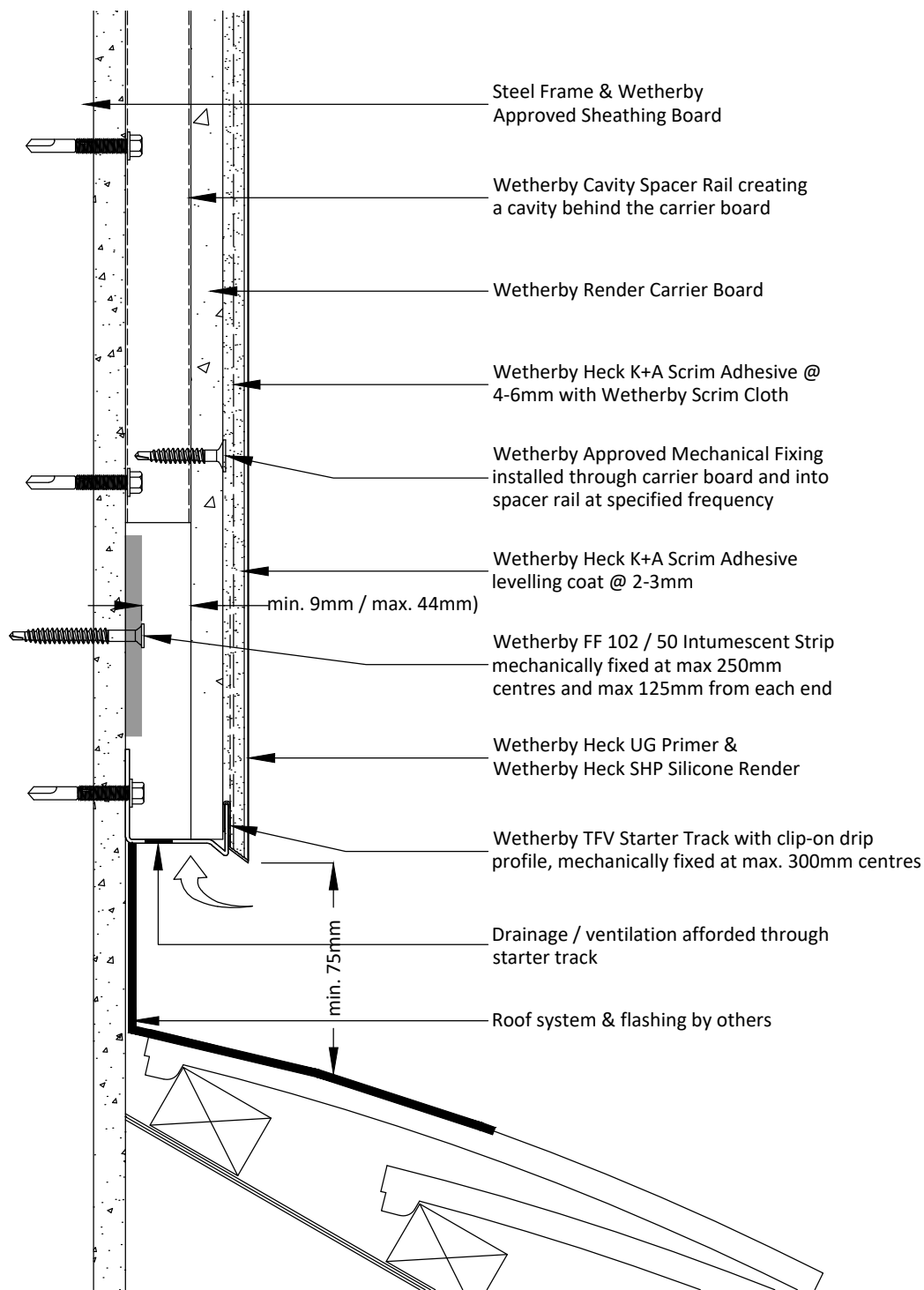
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Notes:

- 1 - Roof flashing/membrane can also be located behind Wetherby Starter Track and dressed into the wall.
- 2 - Intumescent Strip position / requirements to be confirmed subject to project specific detailing.
- 3 - If packing out of the batten is required and/or the cavity depth is inconsistent, 100mm wide strips of A1 CPB can be used to pack out behind the intumescent strip ensuring a minimum 9mm cavity and maximum 44mm cavity is maintained when measured from the front of the intumescent strip and rear of the carrier board. (subject to agreement from all parties).
- 4 - Alternative base ventilation/drainage profiles available on request.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Pitched Roof Abutment Detail (Intumescent Strip)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-5002

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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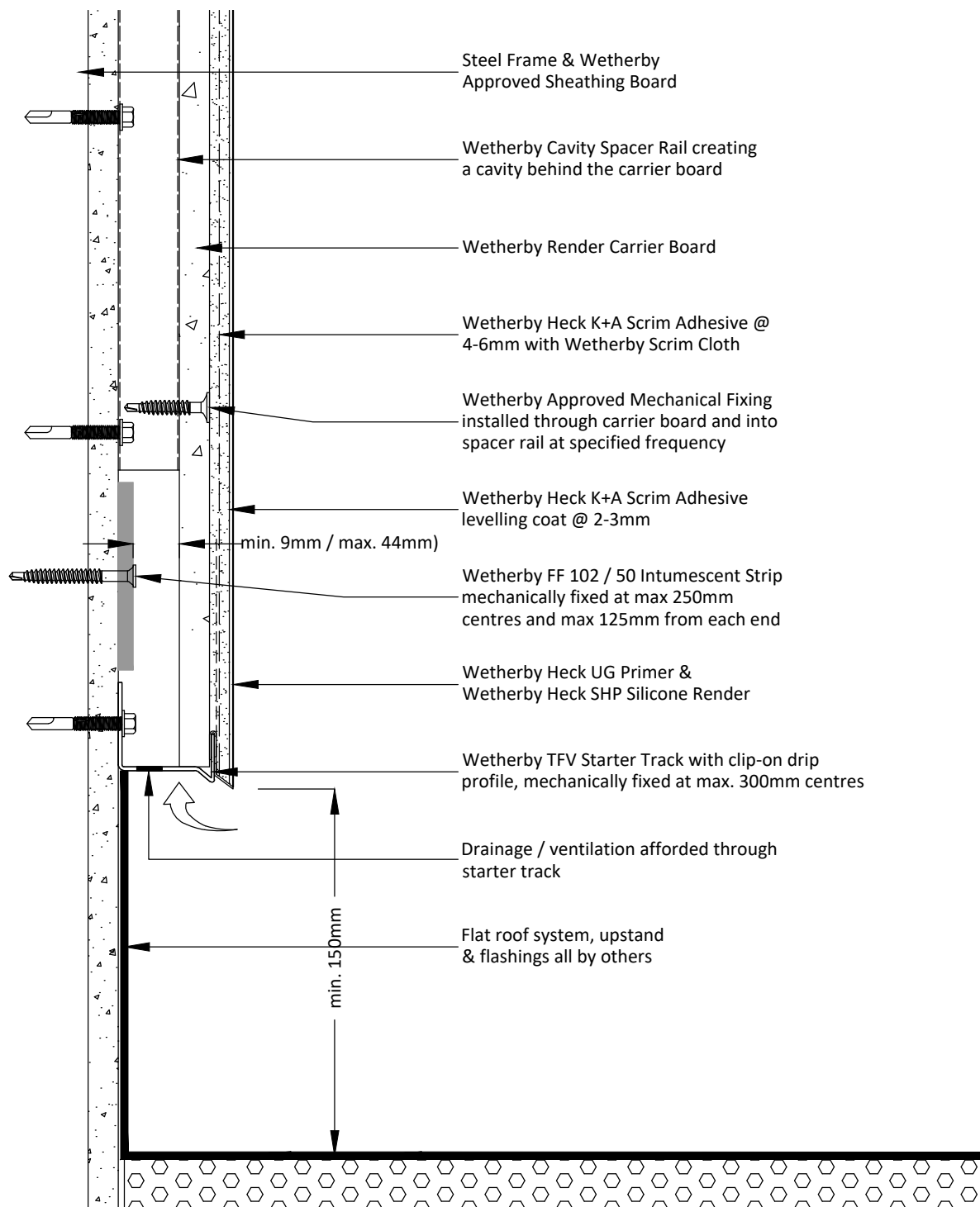
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Notes:

- 1 - Roof flashing/membrane can also be located behind Wetherby Starter Track and dressed into the wall.
- 2 - Intumescent Strip position / requirements to be confirmed subject to project specific detailing.
- 3 - If packing out of the batten is required and/or the cavity depth is inconsistent, 100mm wide strips of A1 CPB can be used to pack out behind the intumescent strip ensuring a minimum 9mm cavity and maximum 44mm cavity is maintained when measured from the front of the intumescent strip and rear of the carrier board. (subject to agreement from all parties).
- 4 - Alternative base ventilation/drainage profiles available on request.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Flat Roof Abutment Detail (Intumescent Strip)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-5003

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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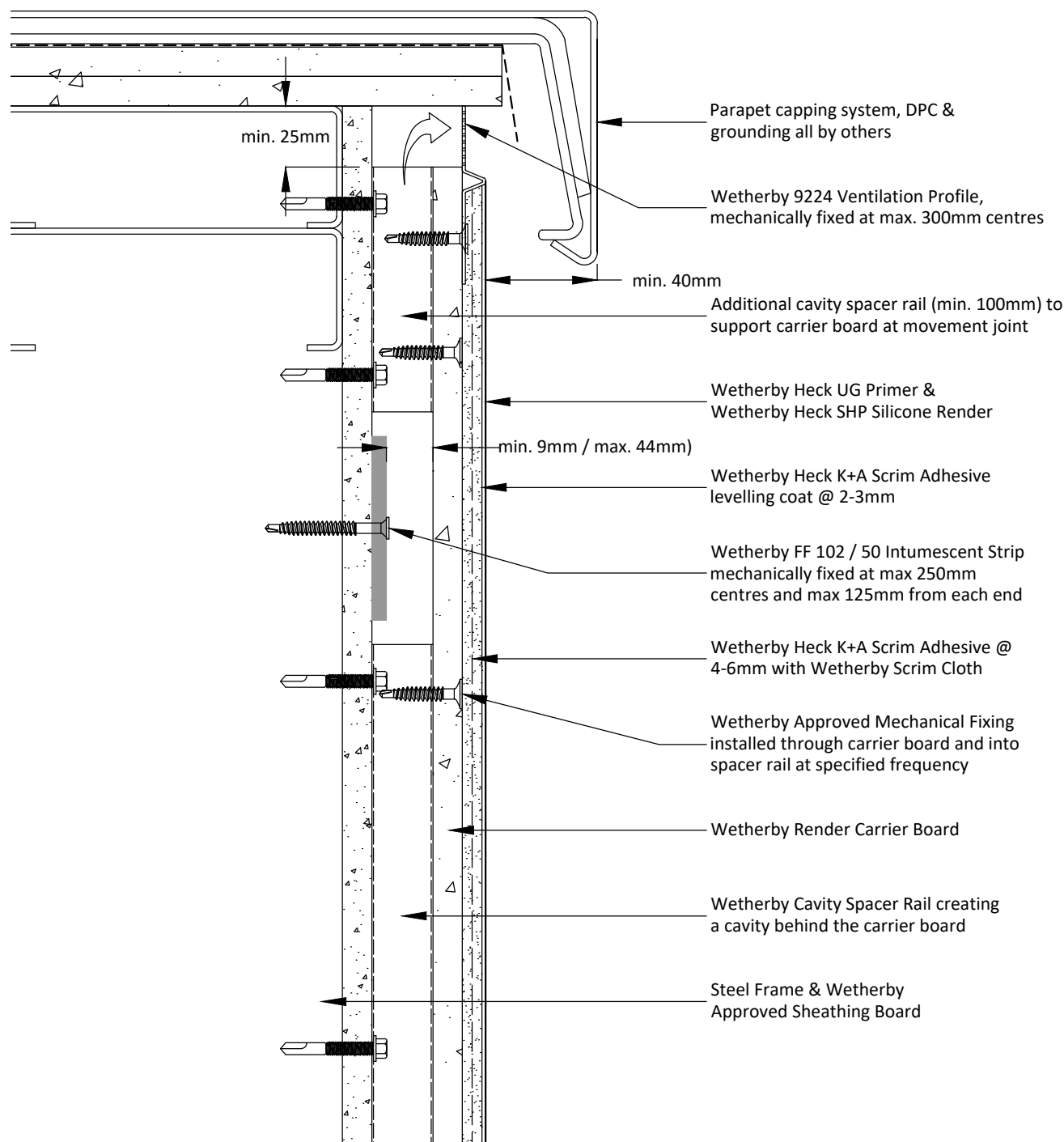
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Notes:

- 1 - Intumescent Strip position / requirements to be confirmed subject to project specific detailing.
- 2 - If packing out of the batten is required and/or the cavity depth is inconsistent, 100mm wide strips of A1 CPB can be used to pack out behind the intumescent strip ensuring a minimum 9mm cavity and maximum 44mm cavity is maintained when measured from the front of the intumescent strip and rear of the carrier board. (subject to agreement from all parties).
- 3 - Alternative ventilation profiles available on request.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Parapet Detail (Vented with Intumescent Strip)

Drawing No:

JG_26-03597-RCB-S-RR-SIL-5004

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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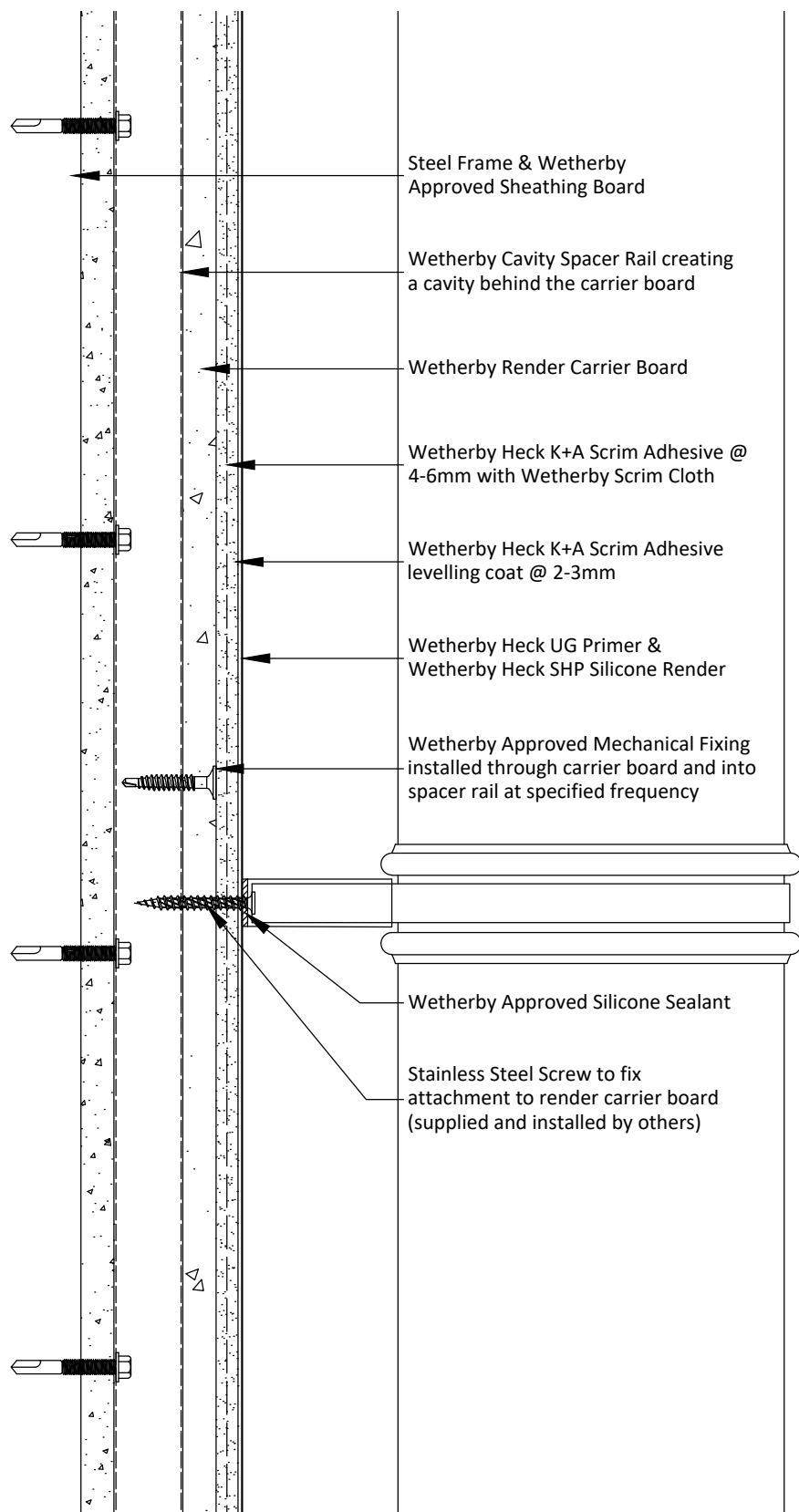
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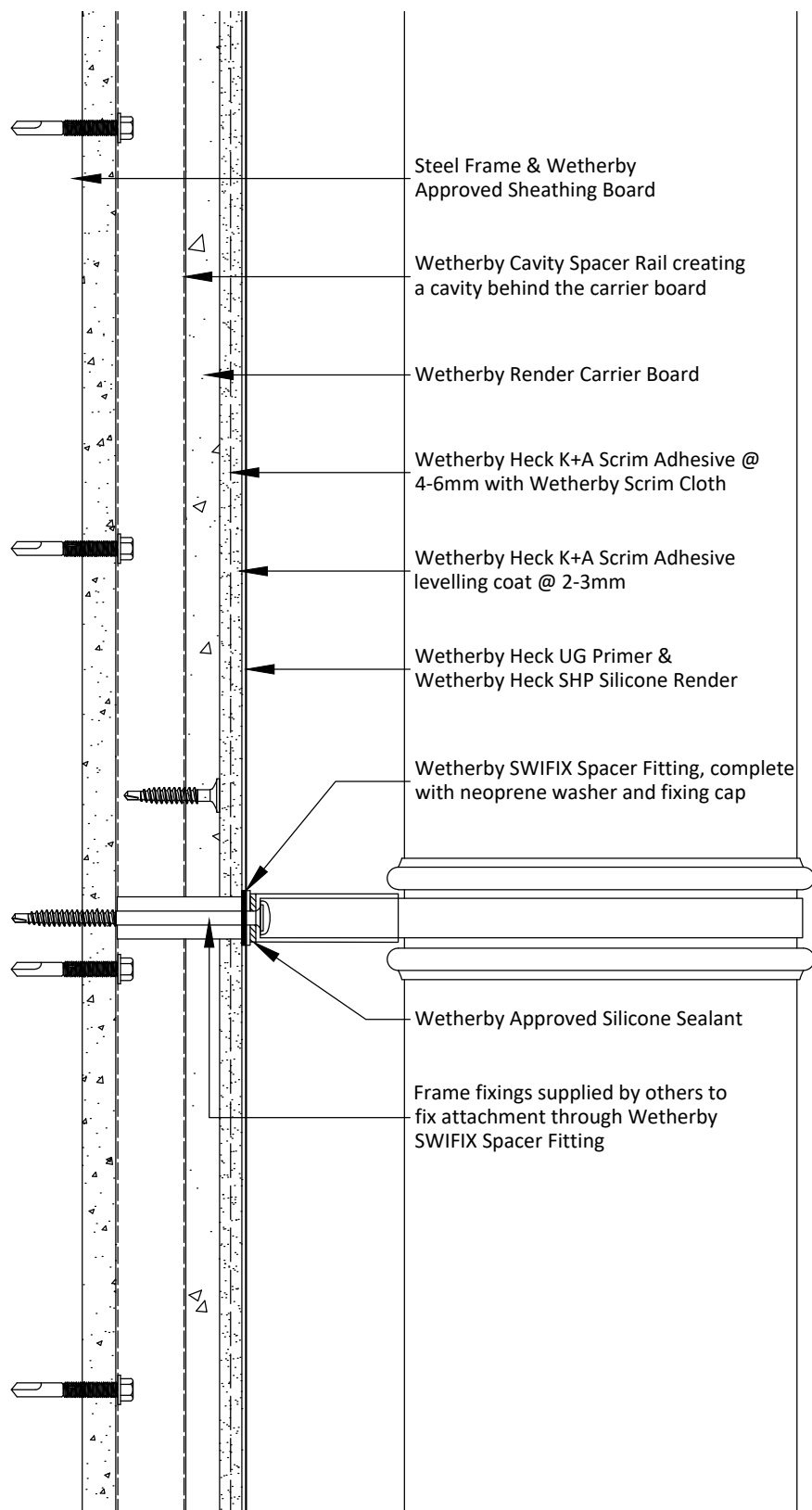


Notes:

1 - Detail subject to specified screw and the render carrier board providing adequate pull-out performance.

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Sunflower Cafe, Merthyr Tydfil	Checked by: N.K		
Drawing Title:	Revision: -		
External Attachment Detail A	Scale: NTS		
Drawing No:	Date: 21.05.2026		
JG_26-03597-RCB-S-RR-SIL-6000	Drawing Set: WWS-45		

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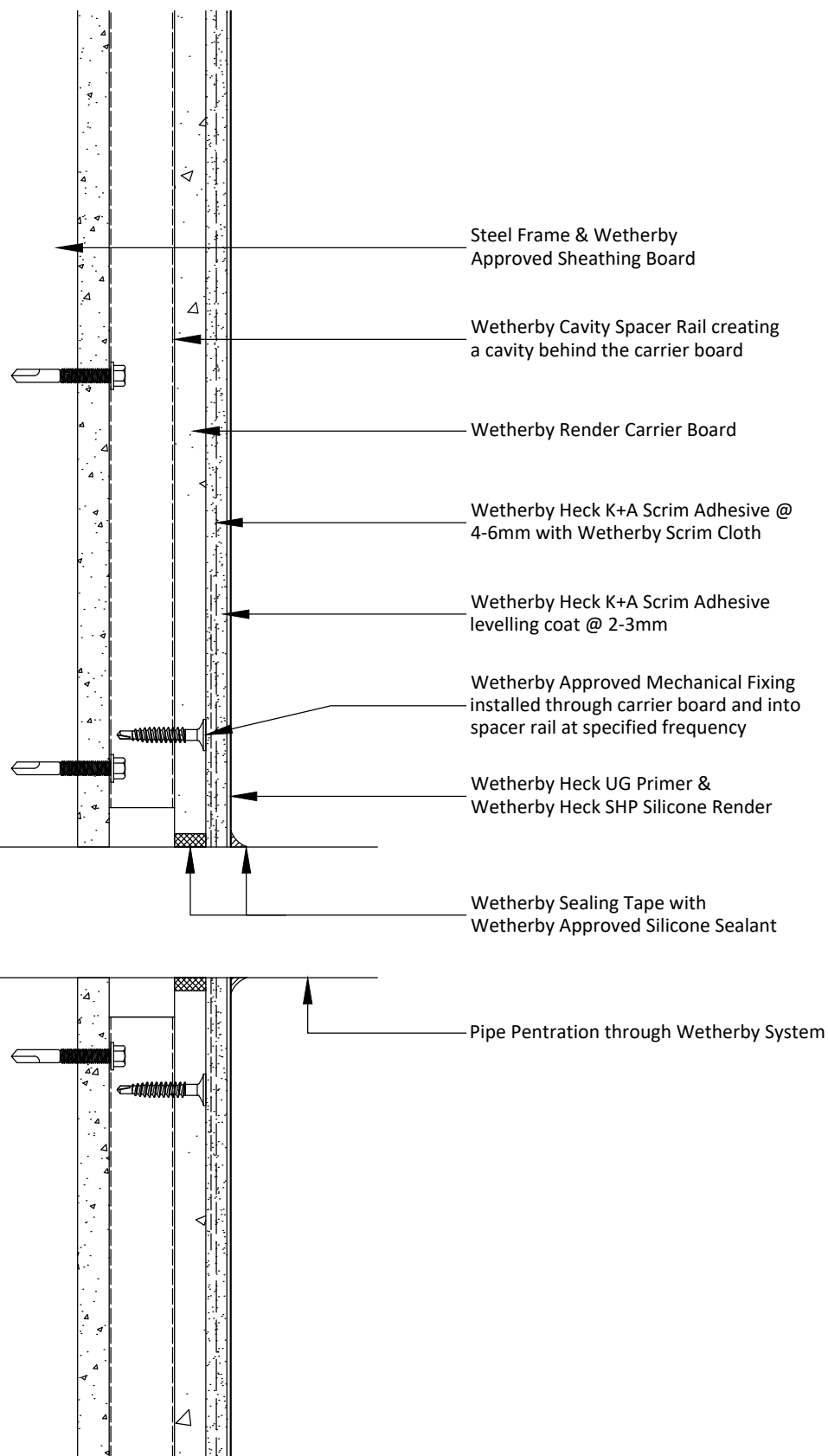


Notes:

- 1 - Wetherby SWIFIX Spacer Fitting to be cut to correct length prior to installation.
- 2 - Refer to fixing manufacturer for allowable loadings.

Project Name: Sunflower Cafe, Merthyr Tydfil	Drawn by: D.N	WETHERBY Wall Systems Part of ROCKWOOL Group 1 Kid Glove Road, Golborne, WA3 3GS Tel: 01942 717100 Fax: 01942 717101 Web: www.wall-systems.co.uk E-mail: technical@wall-systems.co.uk © WWS-LTD 1998-2025. All rights reserved
Drawing Title: External Attachment Detail B	Checked by: N.K	
	Revision: -	
	Scale: NTS	
Drawing No: JG_26-03597-RCB-S-RR-SIL-6001	Date: 21.05.2026	
	Drawing Set: WWS-45	

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Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Pipe Penetration Detail

Drawing No:

JG_26-03597-RCB-S-RR-SIL-6002

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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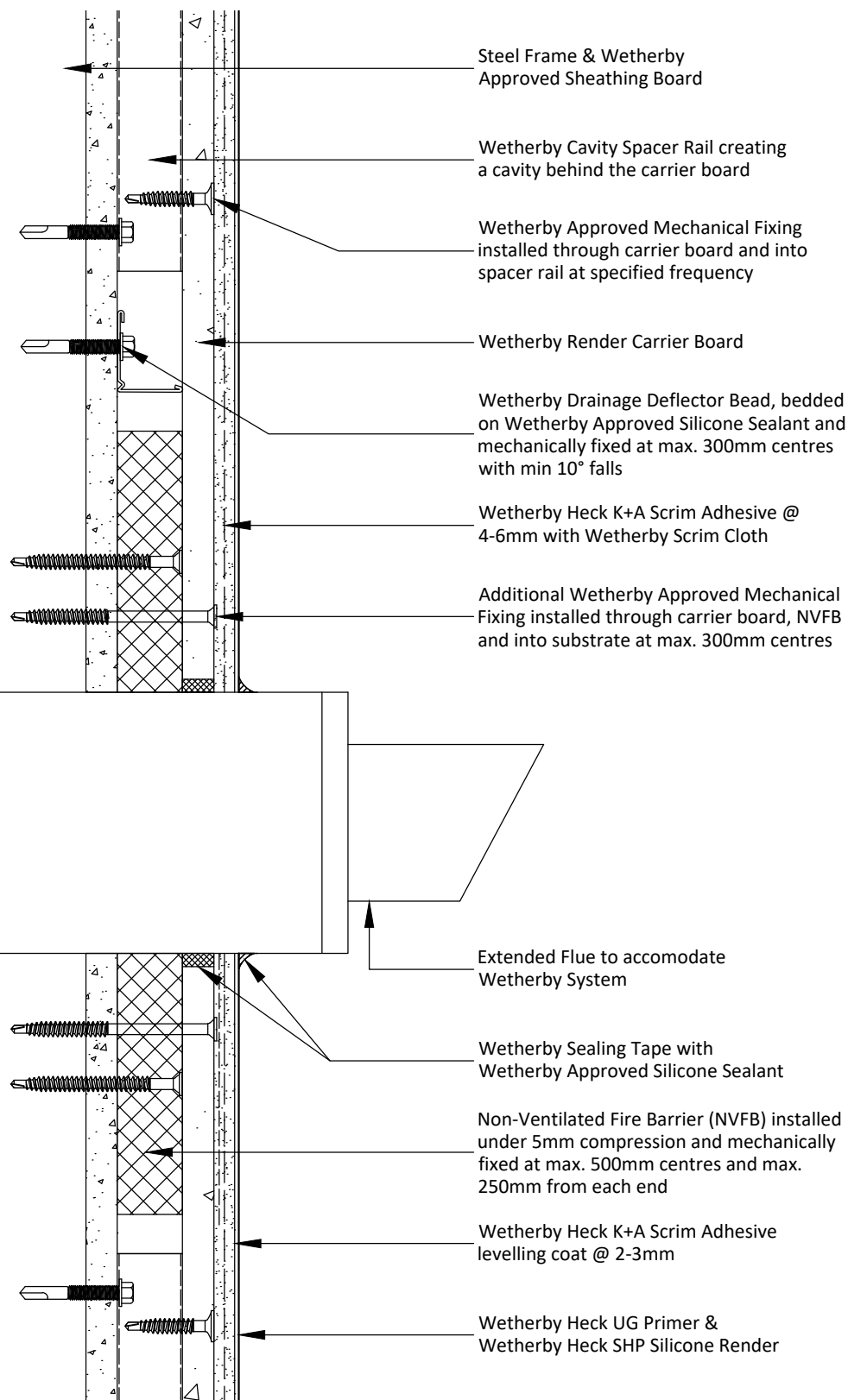
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Notes:

1 - Non-Ventilated Fire Barrier must be installed under min. 5mm compression and must be mechanically fixed at max. 500mm centres and 250mm from each end. Contact Wetherby Technical Services for further guidance.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Flue Detail

Drawing No:

JG_26-03597-RCB-S-RR-SIL-6003

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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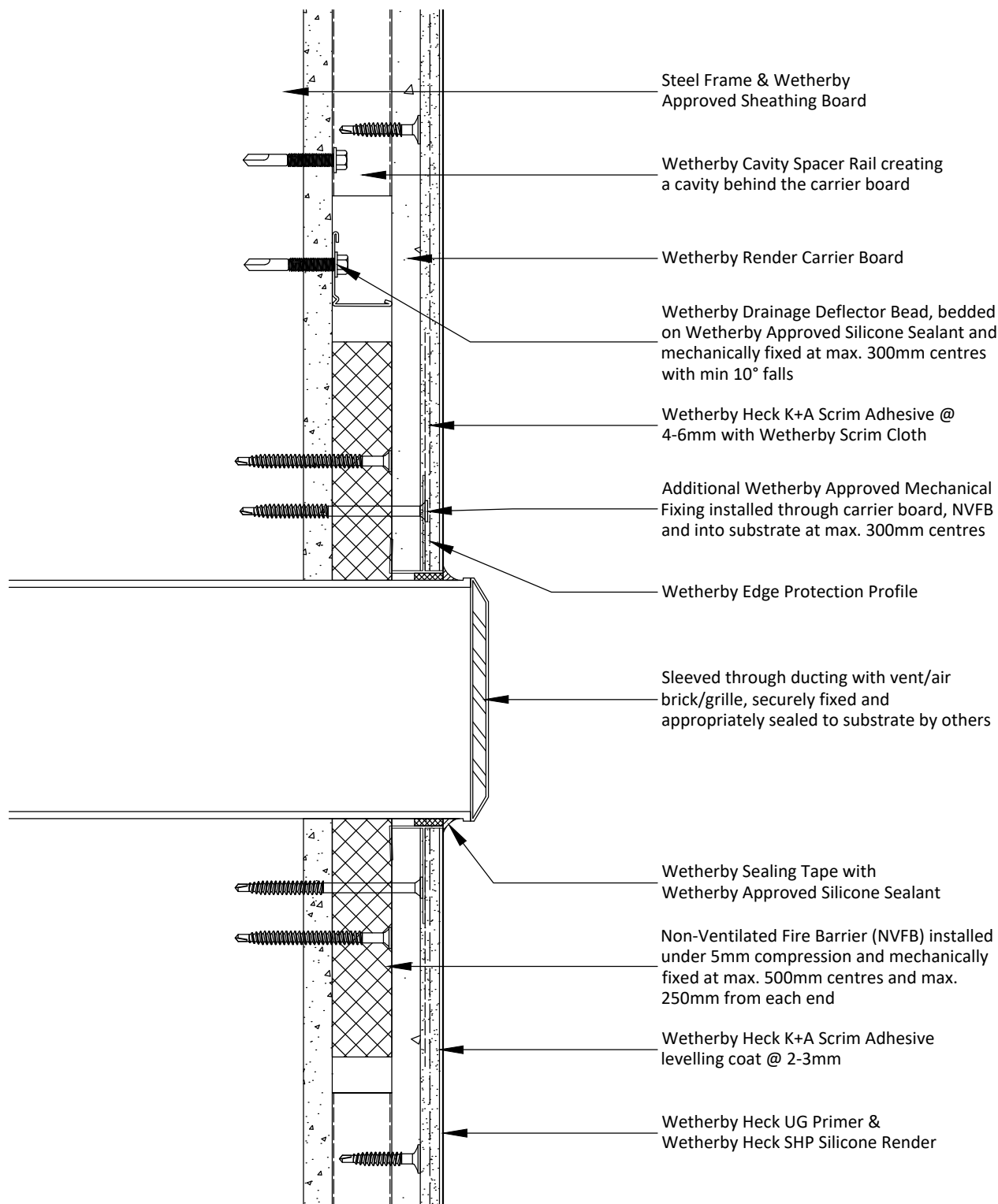
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Notes:

- 1 - Sleeved ducting must be suitably designed to suit the required EWI system thickness.
- 2 - Sealant used to seal the ducting against the substrate and any gaps during installation to be specified by others.
- 3 - Ventilation rate to be confirmed by manufacturer or specialist contractor.
- 4 - Non-Ventilated Fire Barrier must be installed under min. 5mm compression and must be mechanically fixed at max. 500mm centres and 250mm from each end. Contact Wetherby Technical Services for further guidance.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Vent Detail

Drawing No:

JG_26-03597-RCB-S-RR-SIL-6004

Drawn by: D.N

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Revision: -

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Date: 21.05.2026

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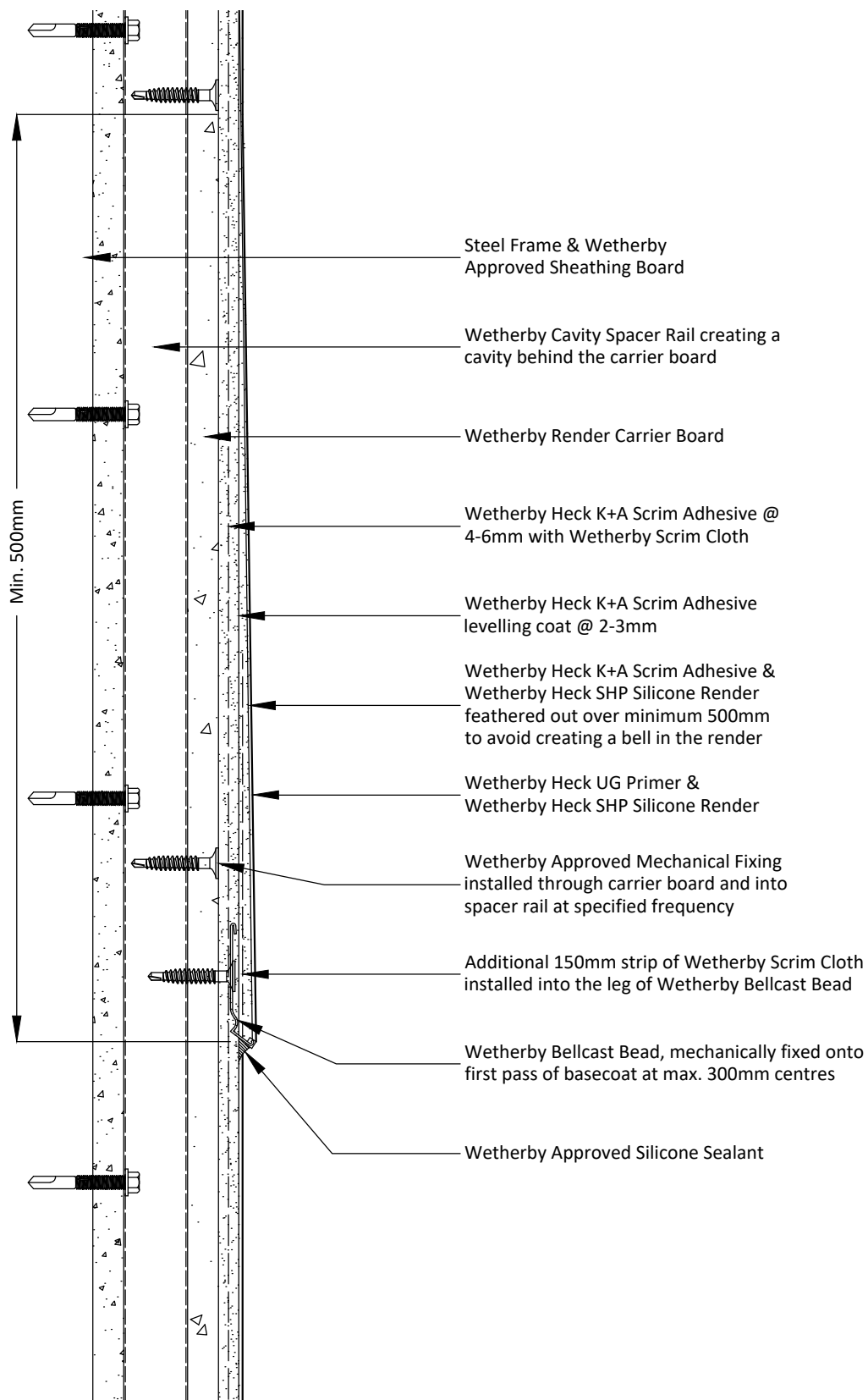
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Notes:

1 - Silicone render finish must be feathered out to bellcast bead over a minimum distance of 500mm.

Project Name:

Sunflower Cafe, Merthyr Tydfil

Drawing Title:

Bellcast Bead Detail

Drawing No:

JG_26-03597-RCB-S-RR-SIL-7000

Drawn by: D.N

Checked by: N.K

Revision: -

Scale: NTS

Date: 21.05.2026

Drawing Set: WWS-45

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