

# Wetherby Building Systems

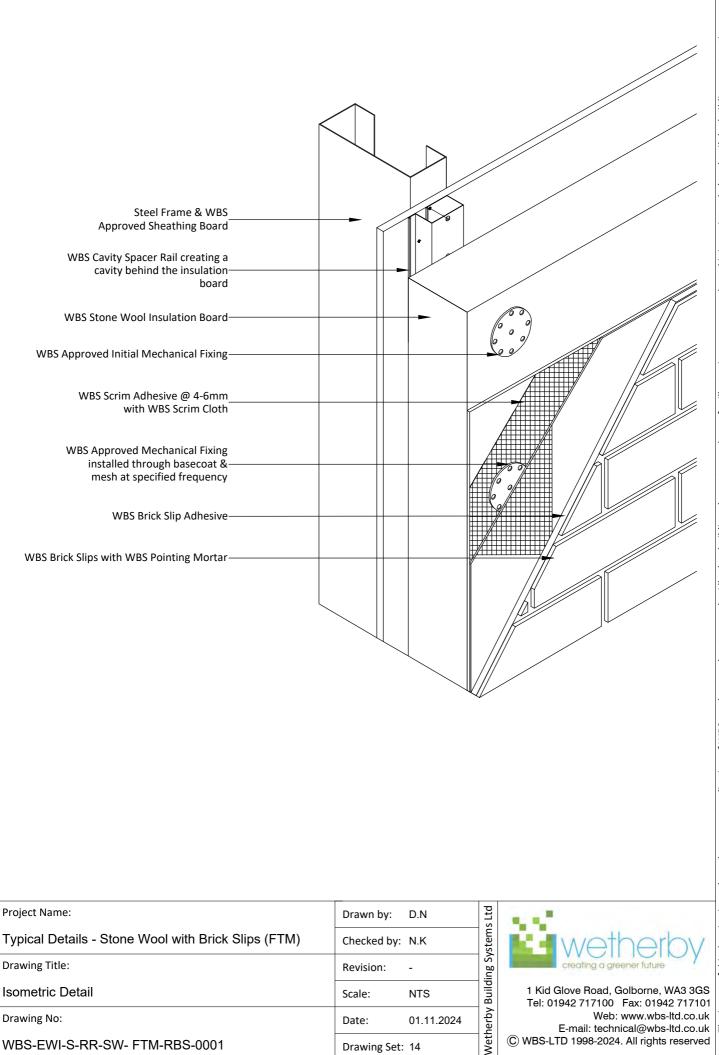
# Steel Frame - Cavity Spacer Rail

Stone Wool with Brick Slip Finish (FTM)



The following Wetherby EWI detail drawing set is generic and is not be used for a specific project. Please contact Wetherby Technical to obtain a project specific detail drawing set.

1 Kid Glove Road, Golborne, Greater Manchester, WA3 3GS Tel: 01942 717100 Fax: 01942 717101 E-mail: technical@wbs-ltd.co.uk Web: www.wbs-ltd.co.uk



Scale:

Date:

Drawing Set: 14

NTS

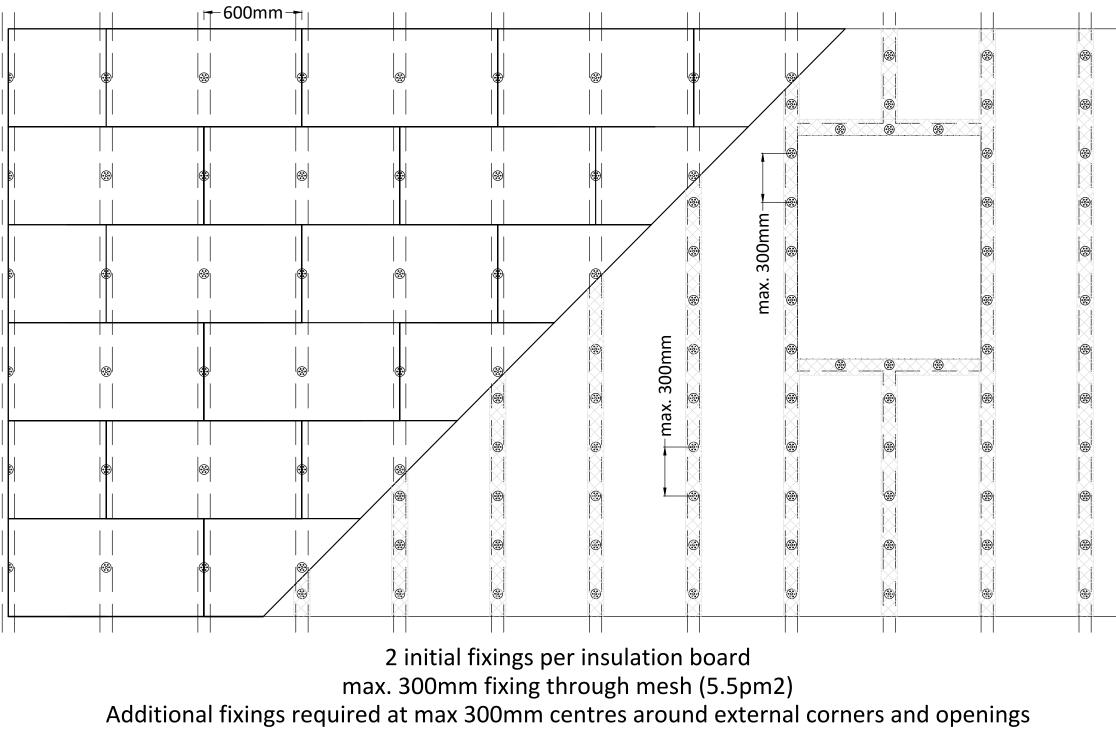
01.11.2024

Isometric Detail Drawing No:

WBS-EWI-S-RR-SW- FTM-RBS-0001

1 Kid Glove Road, Golborne, WA3 3GS Tel: 01942 717100 Fax: 01942 717101 Web: www.wbs-ltd.co.uk E-mail: technical@wbs-ltd.co.uk  $\hbox{(}\fbox{)}$  WBS-LTD 1998-2024. All rights reserved

Note: 7



Studwork layout at 600mm centres

#### Notes:

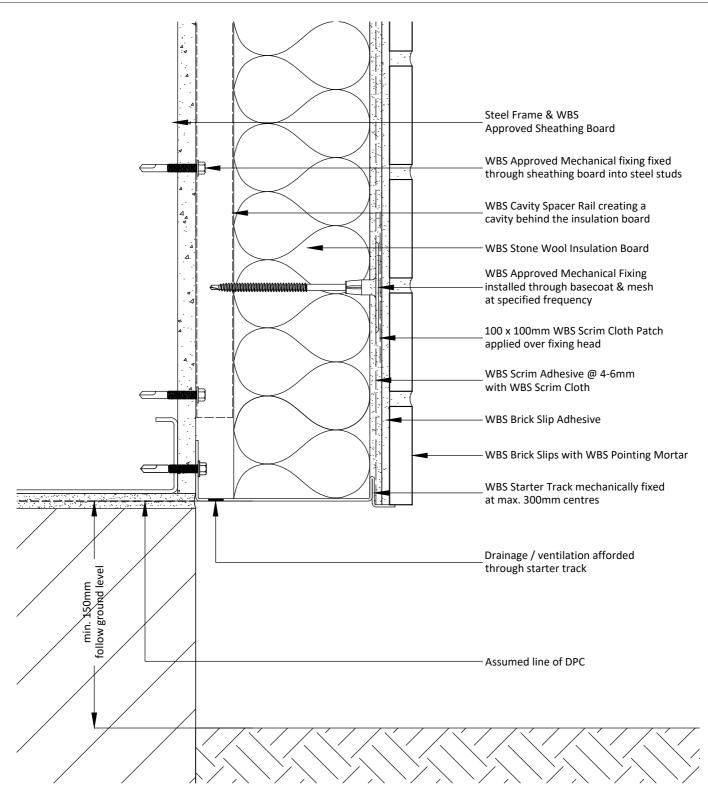
- 1 Fixing pattern for WBS Stone Wool Insulation Board shown indicatively only refer to project specification for fixing pattern.
- 2 Additional fixings to be installed at max. 300mm centres around all openings and external corners.
- 3 Minimum 200mm insulation bond overlap.
- 4 For application to second storey walls and above, an additional stainless steel fire fixing must be installed at a minimum of 1 per m2, through the reinforcing basecoat and mesh layer.
- 5 NHBC Standards require that in all cases, an additional stainless steel fire fixing must be installed at a minimum of 1 per insulation board or 1 per m2 (whichever provides the greater number), through the reinforcing basecoat and mesh layer.

Project Name:	Drawn by:	D.N	s Ltd
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems
Drawing Title:	Revision:	-	
Fixing Pattern Detail	Scale:	NTS	Building
Drawing No:	Date:	01.11.2024	Wetherby
WBS-EWI-S-RR-SW-RBS-FTM-0002	Drawing Set:	14	Weth



1 Kid Glove Road, Golborne, WA3 3GS Tel: 01942 717100 Fax: 01942 717101 Web: www.wbs-ltd.co.uk E-mail: technical@wbs-ltd.co.uk © WBS-LTD 1998-2024. All rights reserved

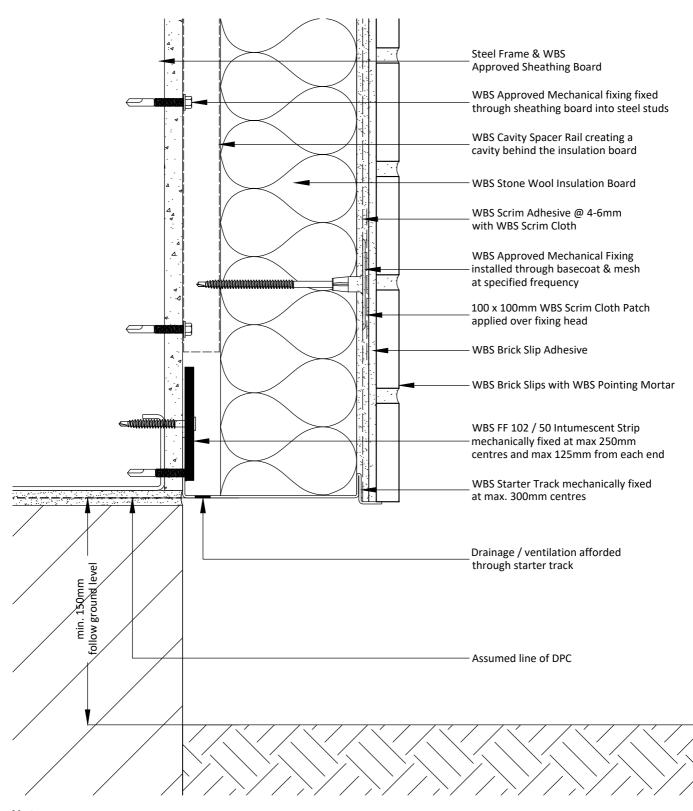
drawing is to show the correct application of WBS products and systems only. All other specific specification must be followed & read in conjunction with detail drawings.



- 1 DPC must not be bridged.
- 2 Detail creates a potential cold bridge. Insulation may be required below DPC.
- 3 Detail may not be acceptable on PAS projects due to potential cold bridge.
- 4 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements

Project Name:	Drawn by: D.N	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by: N.K	
Drawing Title:	Revision: -	Creating a greener tuture
Standard Base Detail (Rail)	Scale: NTS	Image: Tel:         1 Kid Glove Road, Golborne, WA3 3GS           Image: Tel:         01942 717100         Fax:         01942 717101
Drawing No:	Date: 01.11.2024	لالالەت Web: www.wbs-ltd.co.uk وَجُمْ لَكُمْ لَحُمْ لَحُمْ لَحُمْ لَحُمْ لَحُمْ لَحُمْ لَحُمْ لَحَمْ لَ
WBS-EWI-S-RR-SW-RBS-FTM-1000A	Drawing Set: 14	© WBS-LTD 1998-2024. All rights reserved

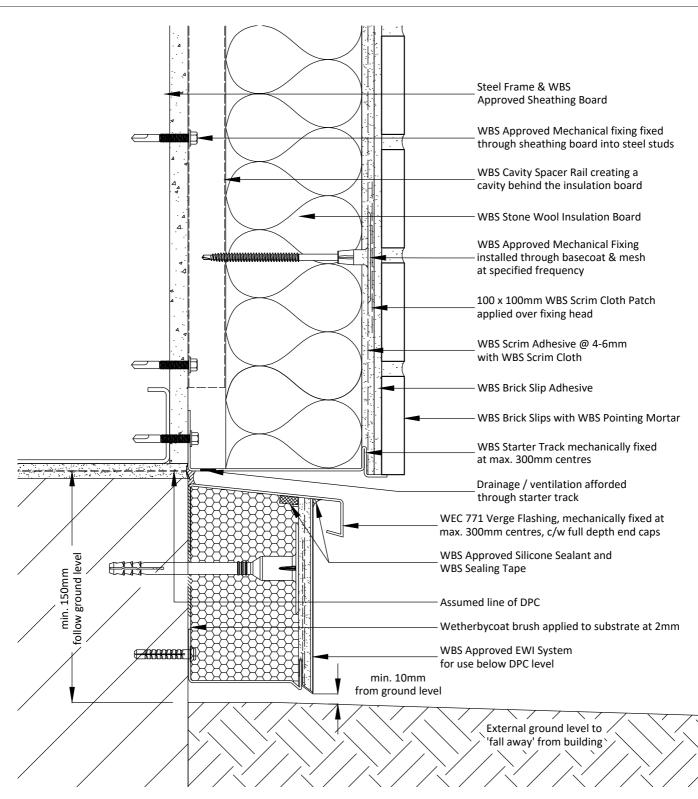




- 1 DPC must not be bridged.
- 2 Detail creates a potential cold bridge. Insulation may be required below DPC.
- 3 Detail may not be acceptable on PAS projects due to potential cold bridge.
- 4 Intumescent Strip position / requirements to be confirmed subject to project specific detailing.

Project Name:	Drawn by:	D.N	s Ltd	1.1
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-	ing	cre
Standard Base Detail (Intumescent Strip)	Scale:	NTS	Build	1 Kid Glov Tel: 01942
Drawing No:	Date:	01.11.2024	herby	E-m
WBS-EWI-S-RR-SW-RBS-FTM-1000B	Drawing Set	: 14	Wet	© WBS-LTD 1

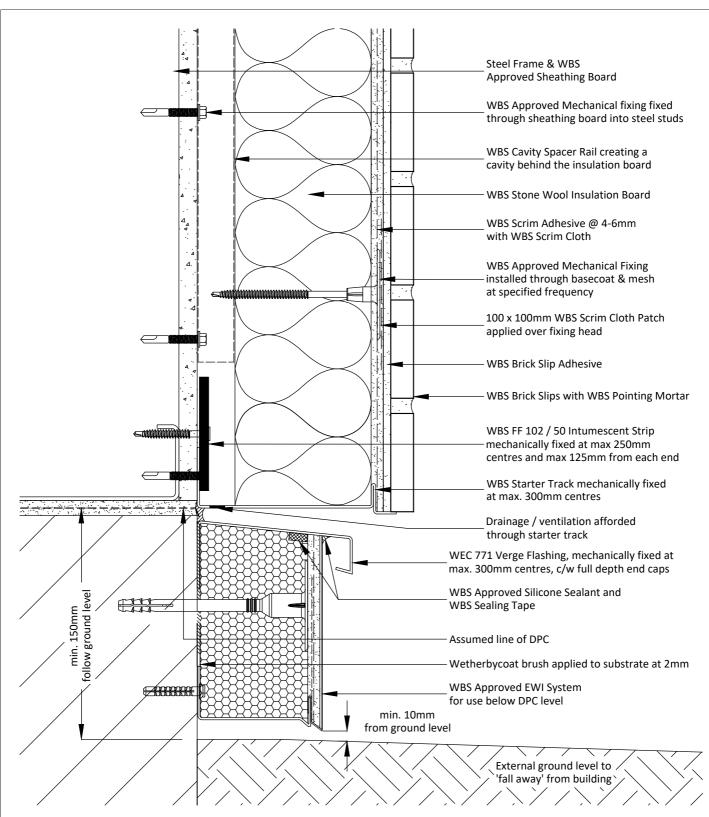




- 1 DPC must not be bridged.
- 2 Insulation below DPC level should provide a minimum 75% of the thermal resistance of main wall insulation.
- 3 Below DPC system outside the scope of certification/warranty.
- 4 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	ystem	É
Drawing Title:	Revision:	-	S	
Insulated Base Detail A (Rail)	Scale:	NTS	Building	1 T
Drawing No:	Date:	01.11.2024	Wetherby	
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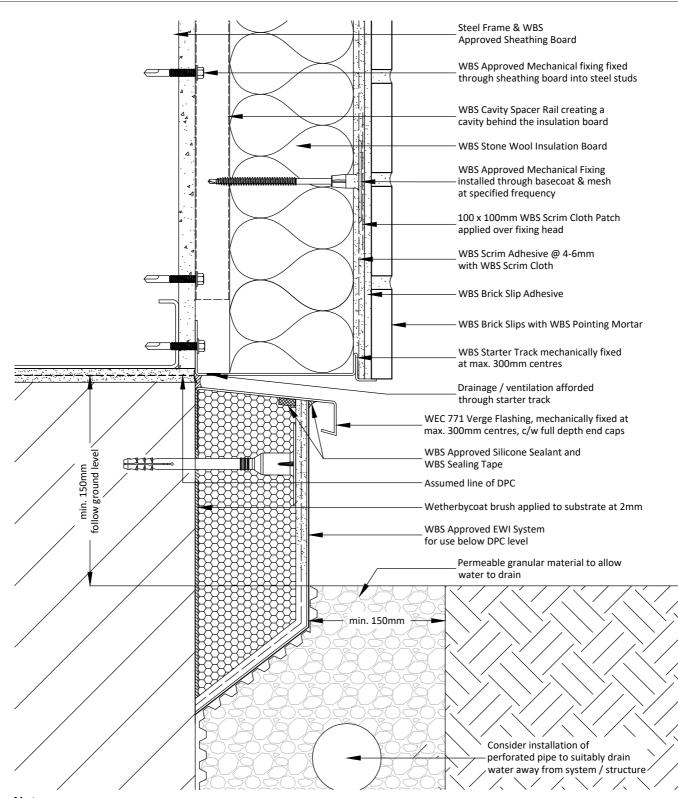




- 1 DPC must not be bridged.
- 2 Insulation below DPC level should provide a minimum 75% of the thermal resistance of main wall insulation.
- 3 Below DPC system outside the scope of certification/warranty.
- 4 Intumescent Strip position / requirements to be confirmed subject to project specific detailing.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-		
Insulated Base Detail A (Intumescent Strip)	Scale:	NTS	Building	
Drawing No:	Date:	01.11.2024	Wetherby	
WBS-EWI-S-RR-SW-RBS-FTM-1001B	Drawing Set	: 14	Weth	©

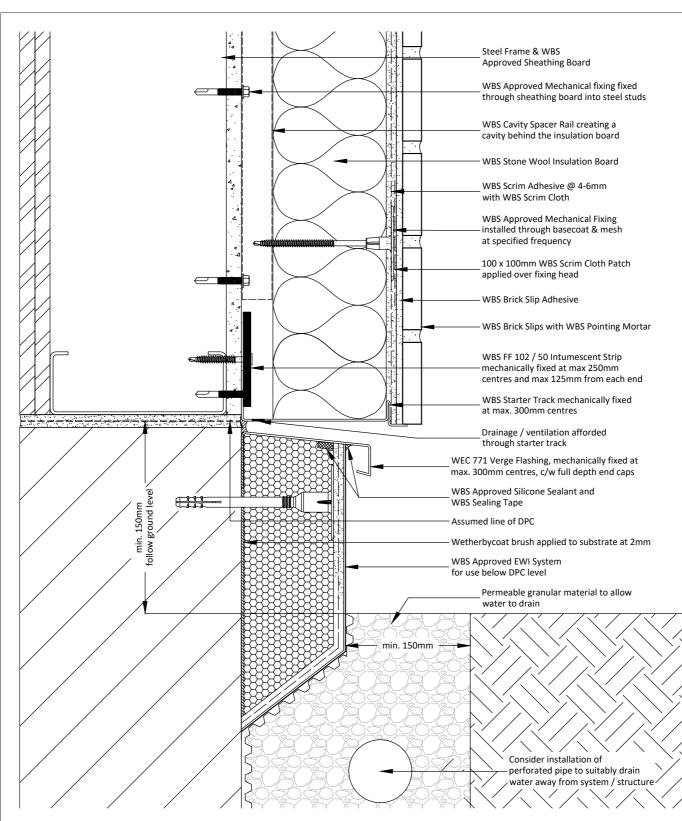




- 1 DPC must not be bridged.
- 2 Insulation below DPC level should provide a minimum 75% of the thermal resistance of main wall insulation.
- 3 Below DPC system outside the scope of certification/warranty.
- 4 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	ystem	Ê
Drawing Title:	Revision:	-	ding Sy	-
Insulated Base Detail B (Rail)	Scale:	NTS	Build	-
Drawing No:	Date:	01.11.2024	Jerby	
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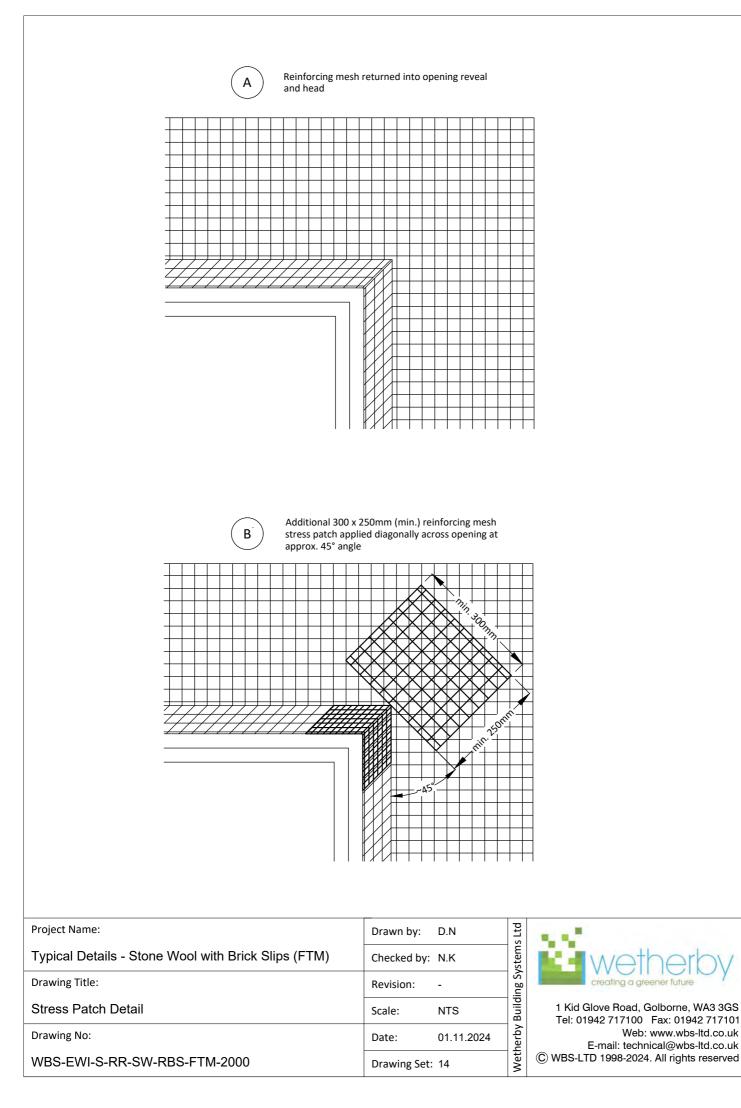


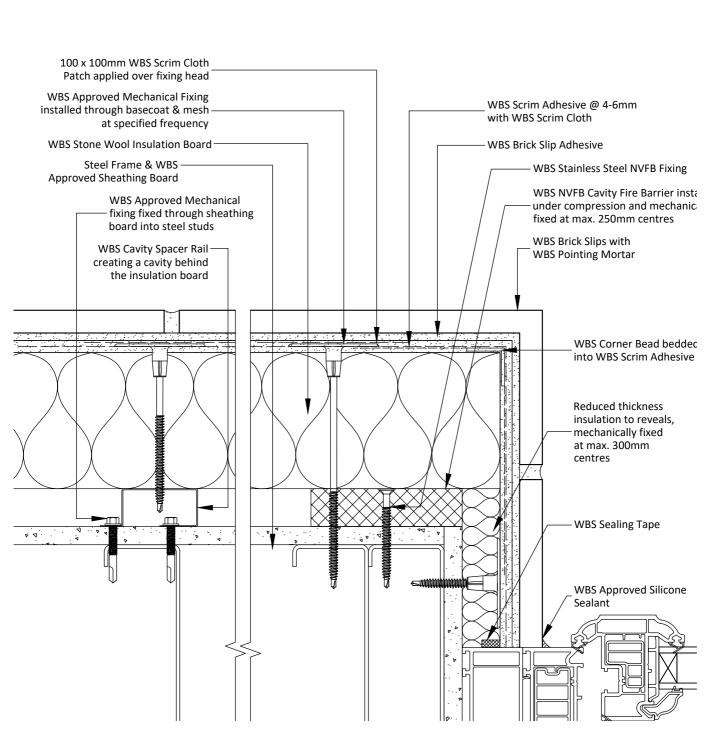


- 1 DPC must not be bridged.
- 2 Insulation below DPC level should provide a minimum 75% of the thermal resistance of main wall insulation.
- 3 Below DPC system outside the scope of certification/warranty.
- 4 Intumescent Strip position / requirements to be confirmed subject to project specific detailing.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-	ilding Sy	
Insulated Base Detail B (Intumescent Strip)	Scale:	NTS	Build	
Drawing No:	Date:	01.11.2024	herby	
WBS-EWI-S-RR-SW-RBS-FTM-1002B	Drawing Set:	14	Wether	(







- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 WBS Sealing Tape must be installed at the junction between the insulation board and window Cill.

Project Name:	Drawn by: D.N	s Ltd
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by: N.K	wetherby
Drawing Title:	Revision: -	Creating a greener tuture
Reveal Detail A (Insulated)	Scale: NTS	1 Kid Glove Road, Golborne, WA3 3GS Tel: 01942 717100 Fax: 01942 717101
Drawing No:	Date: 01.11.2024	Web: www.wbs-ltd.co.uk E-mail: technical@wbs-ltd.co.uk
WBS-EWI-S-RR-SW-RBS-FTM-2001	Drawing Set: 14	C WBS-LTD 1998-2024. All rights reserved

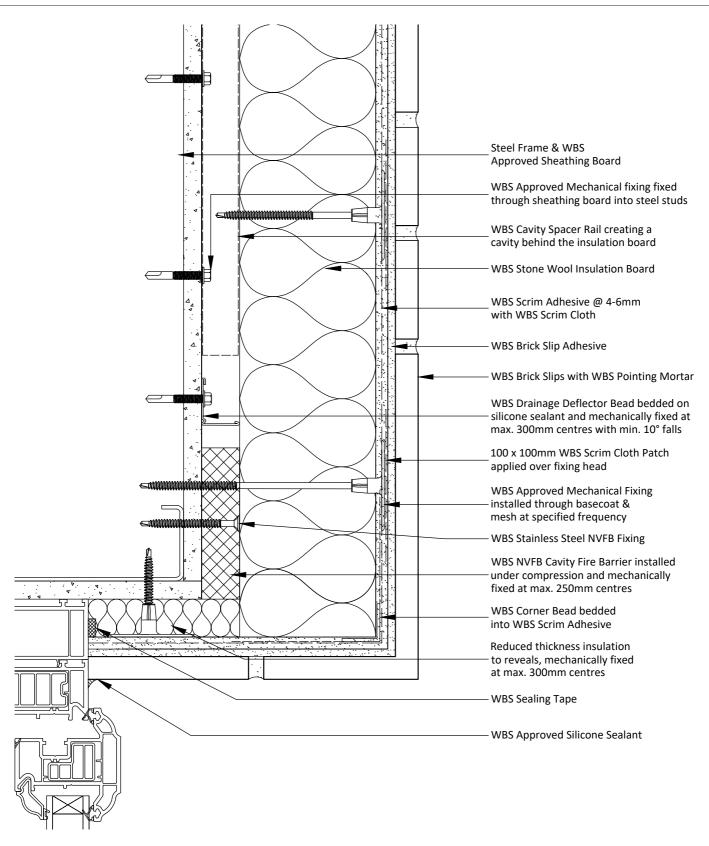
WBS Approved Mechanical Fixing installed 100 x 100mm WBS Scrim Cloth Patch installed through basecoat & mesh at applied over fixing head specified frequency WBS Scrim Adhesive @ 4-6mm WBS Stone Wool Insulation Board with WBS Scrim Cloth Steel Frame & WBS WBS Brick Slip Adhesive Approved Sheathing Board WBS Stainless Steel NVFB Fixing WBS Approved Mechanical fixing fixed through sheathing WBS NVFB Cavity Fire Barrier installed board into steel studs under compression and mechanically fixed at max. 250mm centres WBS Cavity Spacer Rail creating a cavity behind WBS Brick Slips with WBS Pointing Mortar the insulation board WBS Corner Bead bedded into WBS Scrim Adhesive WBS Sealing Tape WBS Approved Silicone Sealant Ī 4 ·Þ 4 Ā

## Notes:

- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 Insulation to oversail onto window frame by min. 20mm.
- 3 WBS Sealing Tape must be installed at the junction between the insulation board and window Cill.

Project Name:	Drawn by:	D.N	Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems	64
Drawing Title:	Revision:	-	ing Sy	-
Reveal Detail B (Insulated)	Scale:	NTS	Buildi	1 Kid G Tel: 019
Drawing No:	Date:	01.11.2024	Jerby	
WBS-EWI-S-RR-SW-RBS-FTM-2002	Drawing Set	: 14	Weth	© WBS-LT

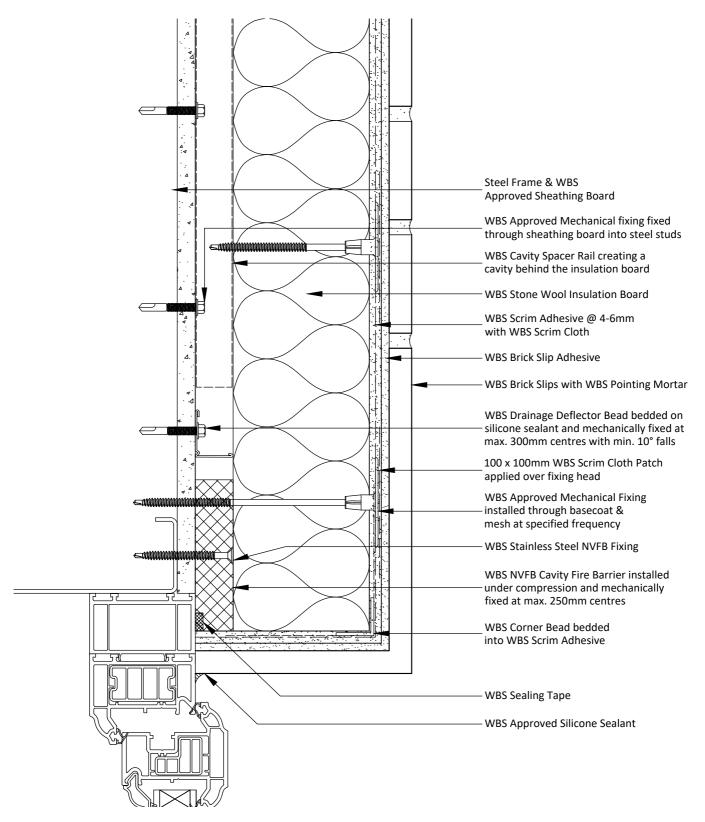




- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 WBS Sealing Tape must be installed at the junction between the insulation board and window Cill.

Project Name:	Drawn by:	D.N	s Ltd	1.1
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-	ing	creating
Head Detail A (Insulated)	Scale:	NTS	Build	1 Kid Glove Ro Tel: 01942 717
Drawing No:	Date:	01.11.2024	Jerby	V E-mail: t
WBS-EWI-S-RR-SW-RBS-FTM-2003	Drawing Set	: 14	Weth	© WBS-LTD 1998-

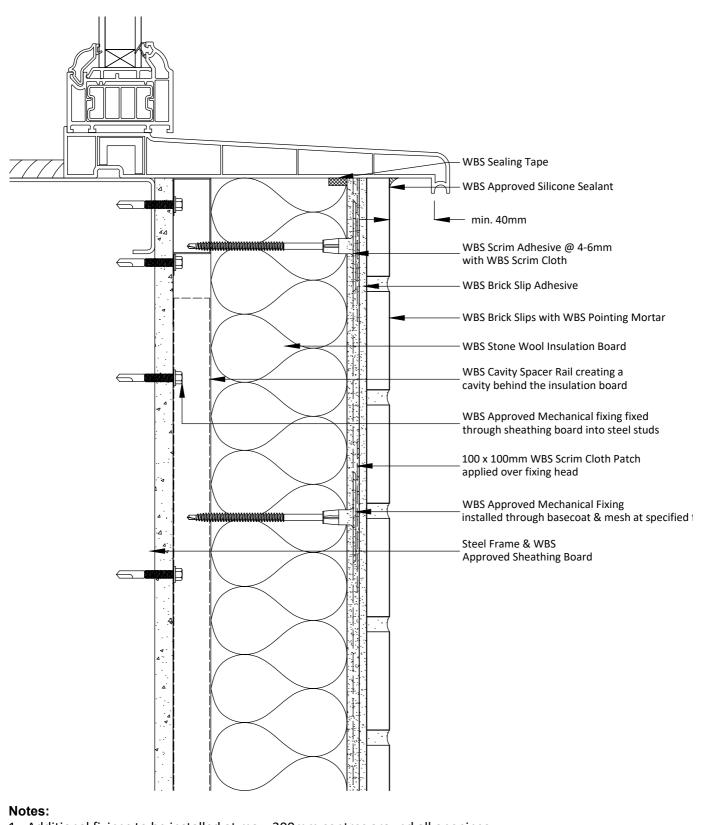




- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 Insulation to oversail onto window frame by min. 20mm
- 3 WBS Sealing Tape must be installed at the junction between the insulation board and window Cill.

Project Name:	Drawn by:	D.N	s Ltd	1.1.1
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems	
Drawing Title:	Revision:	-	ing	creating
Head Detail B (Insulated)	Scale:	NTS	Build	1 Kid Glove Roa Tel: 01942 7171
Drawing No:	Date:	01.11.2024	Jerby	W E-mail: te
WBS-EWI-S-RR-SW-RBS-FTM-2004	Drawing Set	: 14	Weth	© WBS-LTD 1998-2

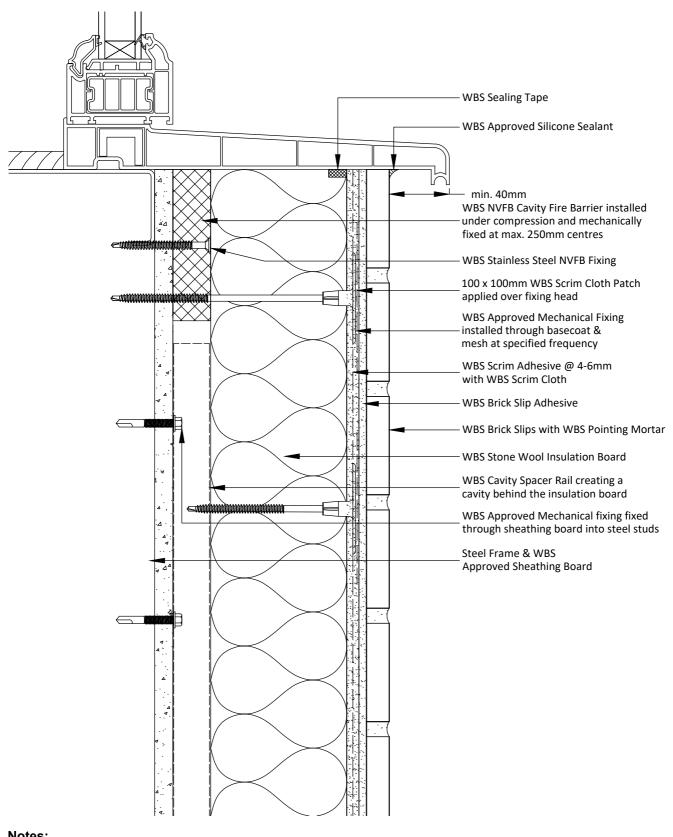




- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 Ensure any existing window weep/drainage holes are not blocked, or install new weep/drainage holes.
- 3 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	ľ
Drawing Title:	Revision:	-	ing Sy	
Window Cill Detail (Rail)	Scale:	NTS	Building	
Drawing No:	Date:	01.11.2024	Wetherby	
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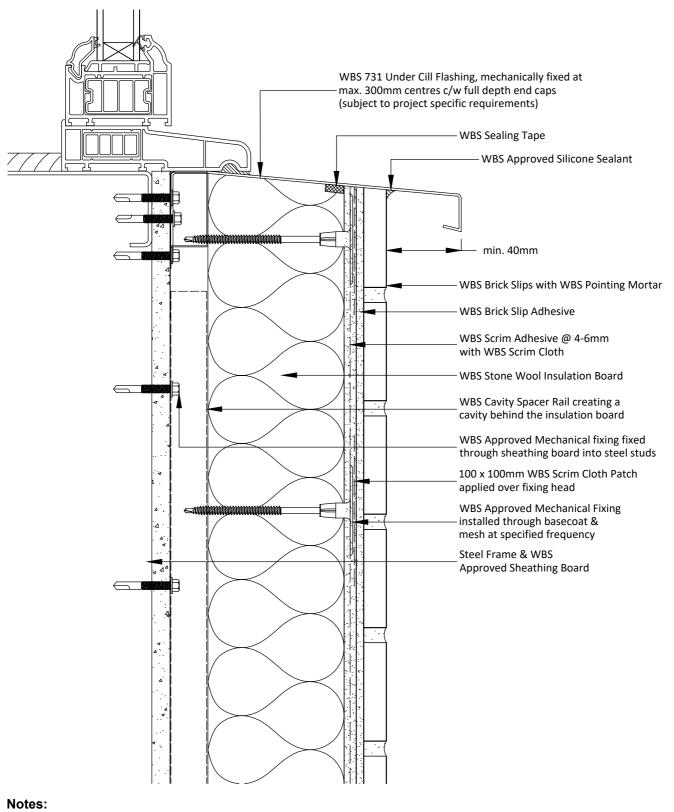




- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 Ensure any existing window weep/drainage holes are not blocked, or install new weep/drainage holes.

Project Name:	Drawn by:	D.N	s Ltd	1.10
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems	
Drawing Title:	Revision:	-	ding Sy	9
Window Cill Detail (NVFB)	Scale:	NTS	Build	1 Kid Glo Tel: 019
Drawing No:	Date:	01.11.2024	herby	E
WBS-EWI-S-RR-SW-RBS-FTM-2005B	Drawing Set	: 14	Wethe	© WBS-LTD

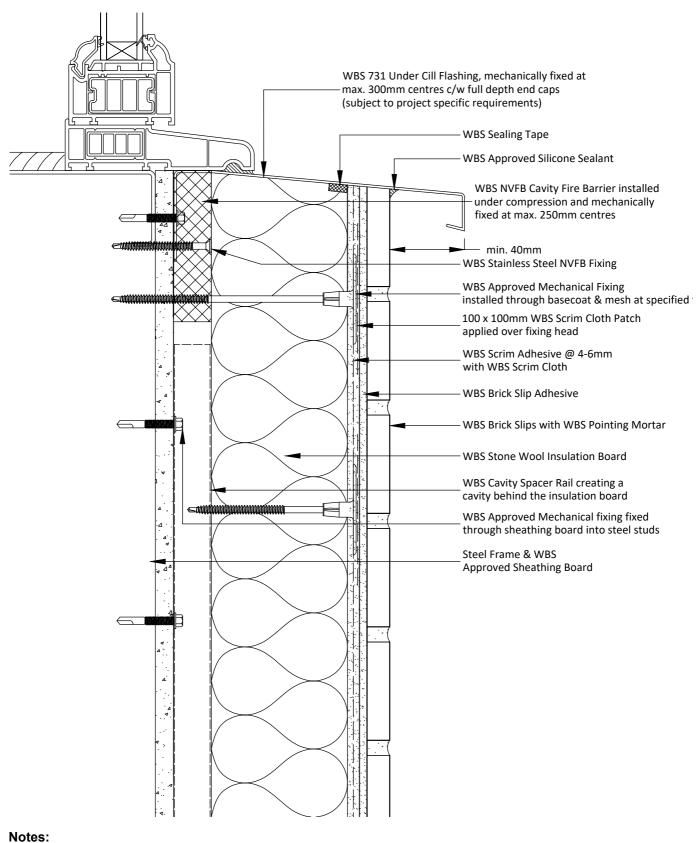




- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 Ensure any existing window weep/drainage holes are not blocked, or install new weep/drainage holes.
- 3 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements.

Project Name:	Drawn by:	D.N	Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems	P
Drawing Title:	Revision:	-	ng Sy	
Under Cill Detail (Rail)	Scale:	NTS	Building	
Drawing No:	Date:	01.11.2024	Wetherby	
WBS-EWI-S-RR-SW-RBS-FTM-2006A	Drawing Set	: 14	Weth	C

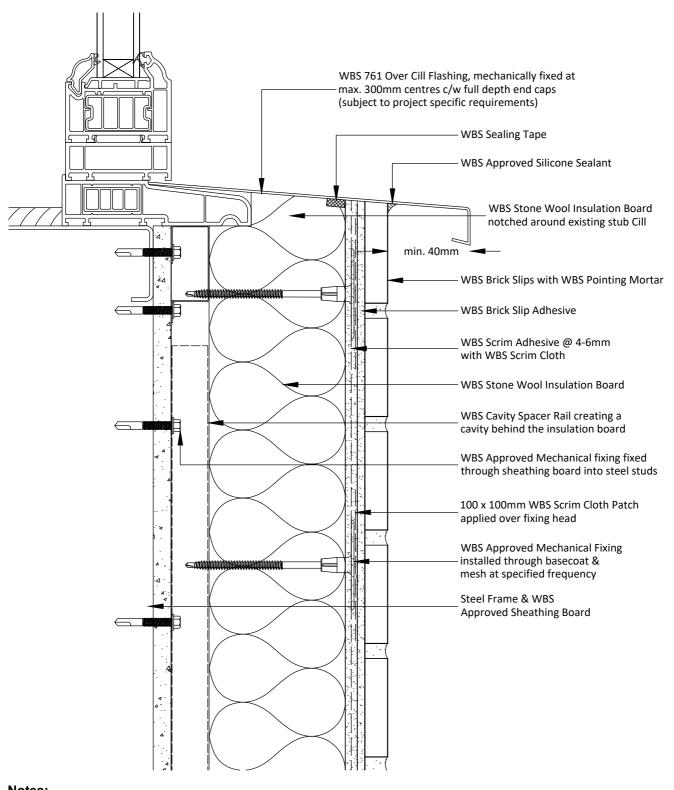




- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 Ensure any existing window weep/drainage holes are not blocked, or install new weep/drainage holes.

Project Name:	Drawn by:	D.N	s Ltd	1.10
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems	ÉĤ.
Drawing Title:	Revision:	-	ding Sy	-
Under Cill Detail (NVFB)	Scale:	NTS	Build	1 Kid ( Tel: 0 <sup>-</sup>
Drawing No:	Date:	01.11.2024	Wetherby	
WBS-EWI-S-RR-SW-RBS-FTM-2006B	Drawing Set:	14	Weth	© WBS-L

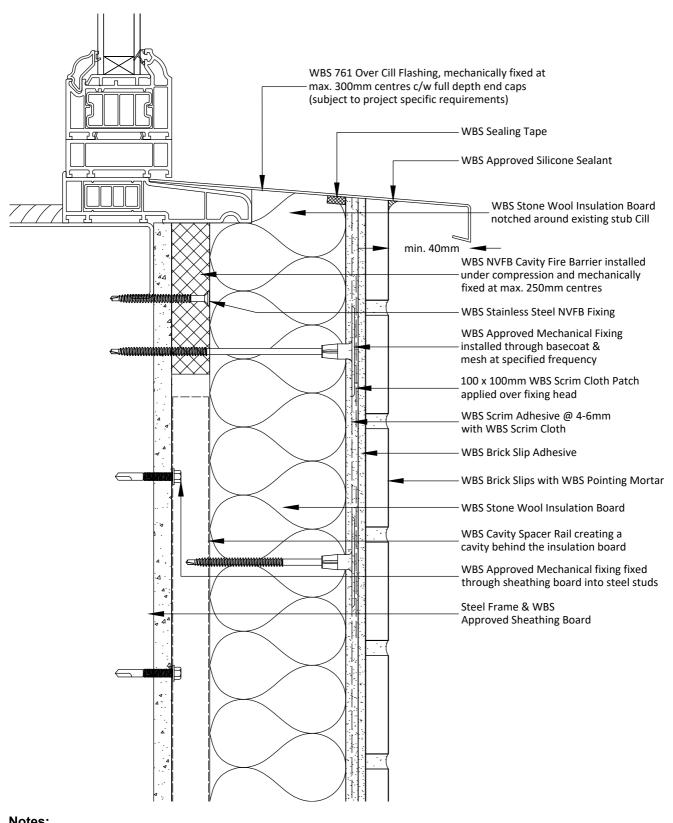




- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 Ensure any existing window weep/drainage holes are not blocked, or install new weep/drainage holes.
- 3 Minimum 50mm horns required for new over Cill flashing.
- 3 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-	ding Sy	
Over Cill Detail (Rail)	Scale:	NTS	Build	
Drawing No:	Date:	01.11.2024	Jerby	
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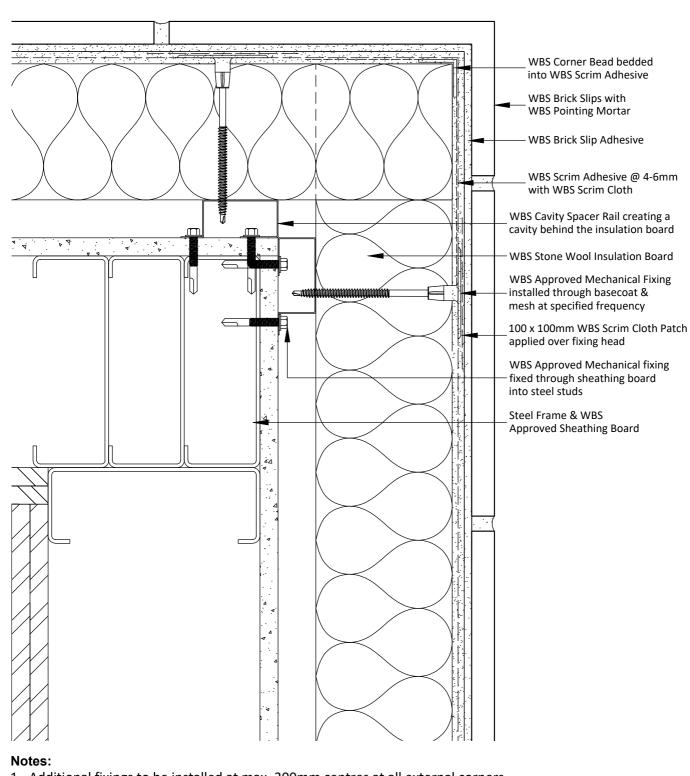




- 1 Additional fixings to be installed at max. 300mm centres around all openings.
- 2 Ensure any existing window weep/drainage holes are not blocked, or install new weep/drainage holes.
- 3 Minimum 50mm horns required for new over Cill flashing.

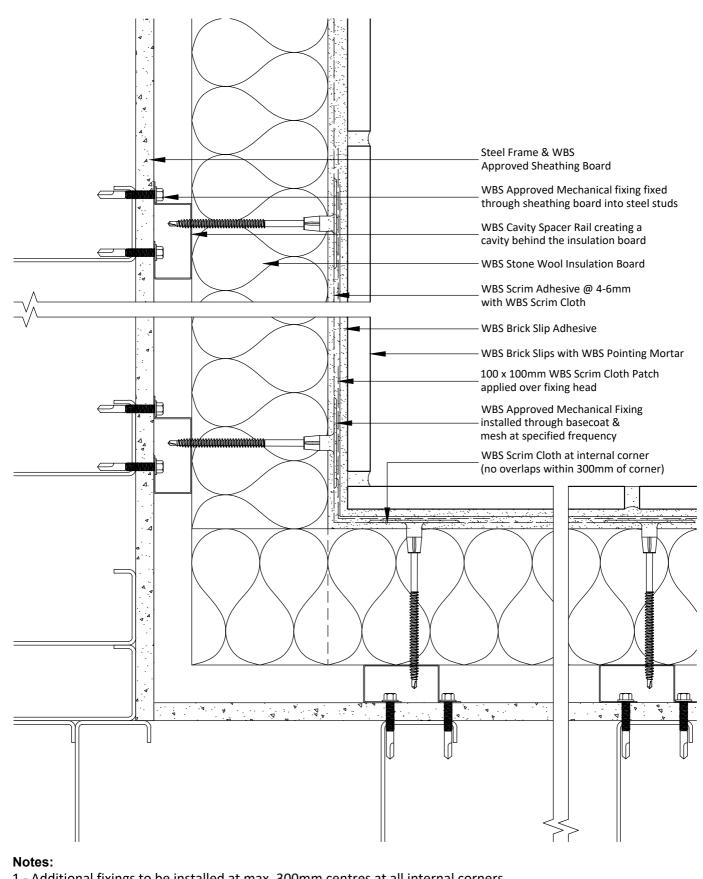
Project Name:	Drawn by: D.N	s Ltd
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by: N.K	wetherby
Drawing Title:	Revision: -	Creating a greener tuture
Over Cill Detail (NVFB)	Scale: NTS	1 Kid Glove Road, Golborne, WA3 3GS Tel: 01942 717100 Fax: 01942 717101
Drawing No:	Date: 01.11.2024	كم Web: www.wbs-ltd.co.uk E-mail: technical@wbs-ltd.co.uk
WBS-EWI-S-RR-SW-RBS-FTM-2007B	Drawing Set: 14	© WBS-LTD 1998-2024. All rights reserved





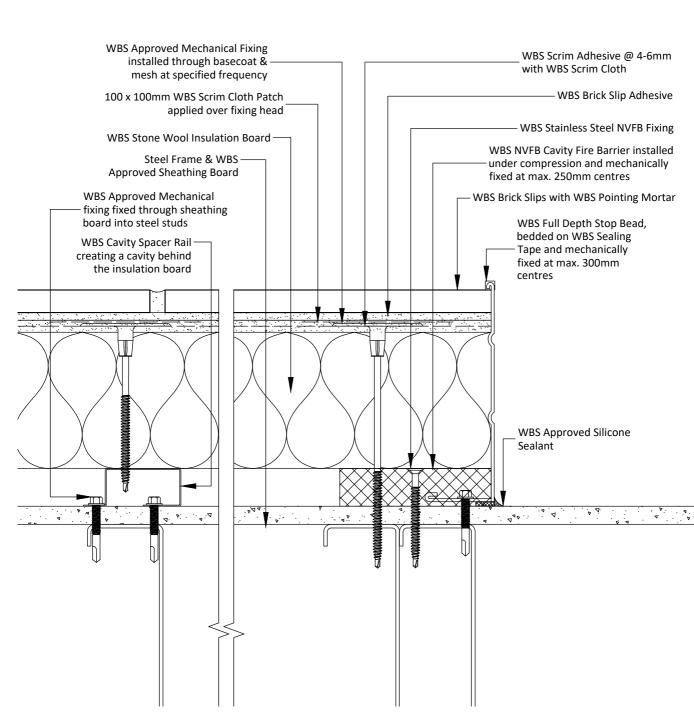
1 - Additional fixings to be installed at max. 300mm centres at all external corners.

Project Name:	Drawn by: D.N	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by: N.K	wetherby
Drawing Title:	Revision: -	E creating a greener tuture
External Corner Detail	Scale: NTS	1 Kid Glove Road, Golborne, WA3 3GS Tel: 01942 717100 Fax: 01942 717101
Drawing No:	Date: 01.11.2024	كم Web: www.wbs-ltd.co.uk E-mail: technical@wbs-ltd.co.uk
WBS-EWI-S-RR-SW-RBS-FTM-3000	Drawing Set: 14	© WBS-LTD 1998-2024. All rights reserved



1 - Additional fixings to be installed at max. 300mm centres at all internal corners.

Project Name:	Drawn by: D.N	s Ltd	100
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by: N.K	System	<b>Wetherby</b>
Drawing Title:	Revision: -	ng	creating a greener future
Internal Corner Detail	Scale: NTS	Build	1 Kid Glove Road, Golborne, WA3 3GS Tel: 01942 717100   Fax: 01942 717101
Drawing No:	Date: 01.11.2024	Jerby	Web: www.wbs-ltd.co.uk E-mail: technical@wbs-ltd.co.uk
WBS-EWI-S-RR-SW-RBS-FTM-3001	Drawing Set: 14	Weth	© WBS-LTD 1998-2024. All rights reserved



- 1 Additional fixings to be installed at max. 300mm centres at vertical terminations.
- 2 Detail creates a potential cold bridge. To be assessed and agreed specific to individual property.

Project Name:	Drawn by:	D.N	s Ltd	100
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	/stem:	Wetherby
Drawing Title:	Revision:	-	ing Sy	creating a greener future
Vertical Termination Detail A	Scale:	NTS	Build	1 Kid Glove Road, Golborne, WA3 3GS Tel: 01942 717100 Fax: 01942 717101
Drawing No:	Date:	01.11.2024	Jerby	Web: www.wbs-ltd.co.uk E-mail: technical@wbs-ltd.co.uk
WBS-EWI-S-RR-SW-RBS-FTM-3002	Drawing Set	: 14	Weth	© WBS-LTD 1998-2024. All rights reserved

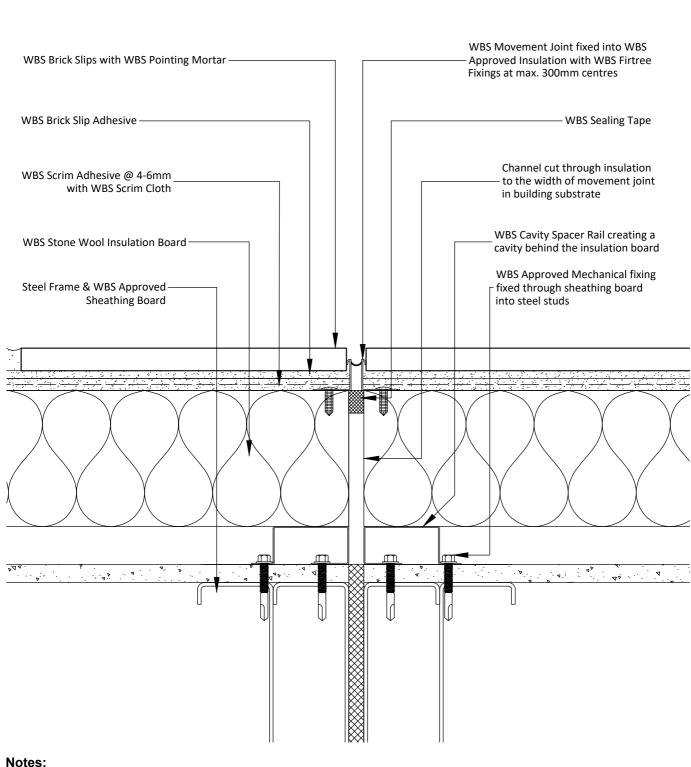
WBS Approved Mechanical Fixing 100 x 100mm WBS Scrim Cloth Patch installed through basecoat & mesh applied over fixing head at specified frequency WBS Scrim Adhesive @ 4-6mm WBS Stone Wool Insulation Board with WBS Scrim Cloth Steel Frame & WBS WBS Brick Slip Adhesive Approved Sheathing Board WBS Stainless Steel NVFB Fixing WBS Approved Mechanical fixing fixed through sheathing WBS NVFB Cavity Fire Barrier installed board into steel studs under compression and mechanically fixed at max. 250mm centres WBS Cavity Spacer Rail creating a cavity behind WBS Brick Slips with WBS Pointing Mortar the insulation board WBS Corner Bead bedded into WBS Scrim Adhesive WBS Sealing Tape WBS Stop Bead bedded on WBS Approved Silicone Sealant Ĭ 74. 4 ۰. ٩. Ą . ₽ V. 7 VVV

### Notes:

- 1 Additional fixings to be installed at max. 300mm centres at vertical terminations.
- 2 Detail creates a potential cold bridge. To be assessed and agreed specific to individual property.

Project Name:	Drawn by:	D.N	: Ltd	1.1.1
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems	
Drawing Title:	Revision:	-	n g	creating a
Vertical Termination Detail B	Scale:	NTS	Buildi	1 Kid Glove Road Tel: 01942 71710
Drawing No:	Date:	01.11.2024	Jerby	We E-mail: teo
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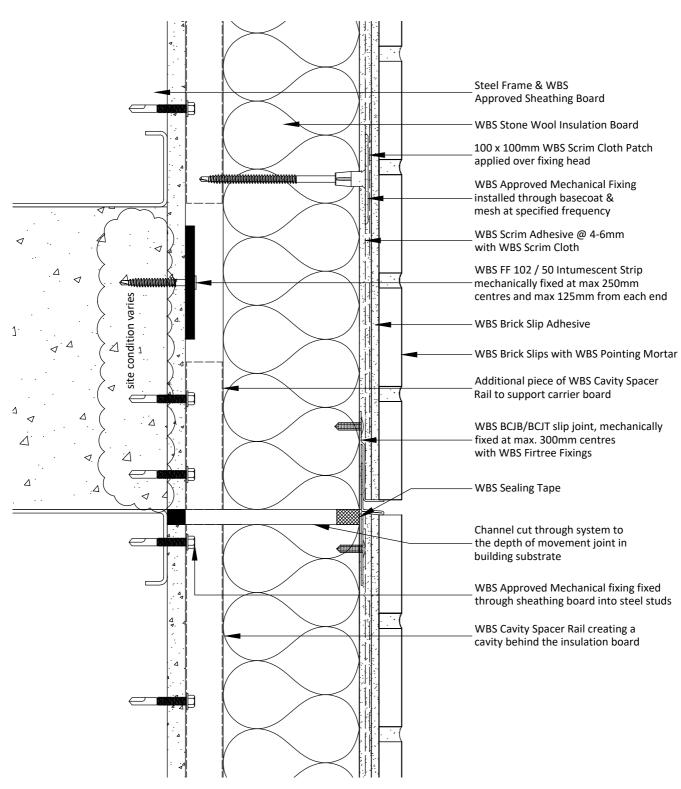




- 1 All existing structural movement must be replicated in the EWI system.
- 2 Additional fixings to be installed at max. 300mm centres at vertical movement joints.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	Ľ.
Drawing Title:	Revision:	-		
Vertical Movement Joint Detail	Scale:	NTS	Building	
Drawing No:	Date:	01.11.2024	herby	
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			Wetherby B	(

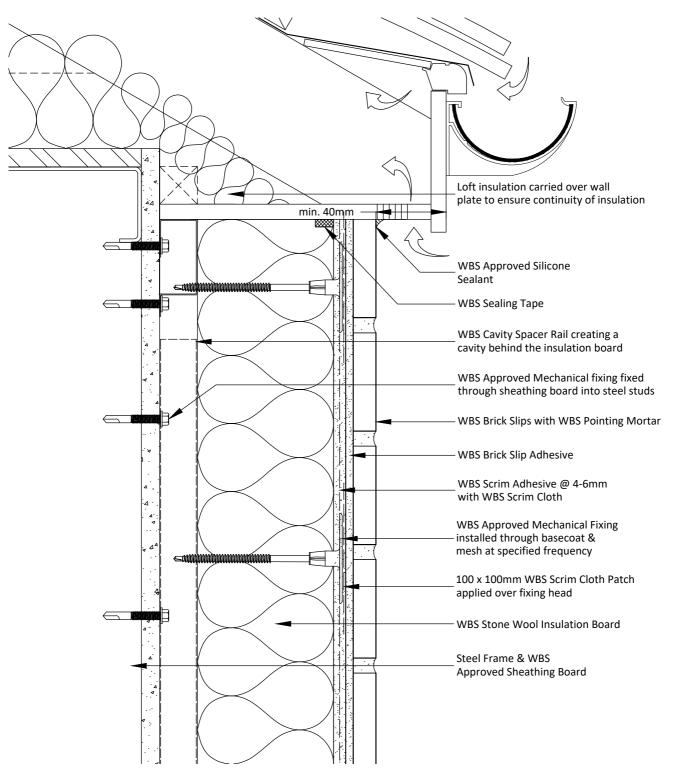




- 1 All existing structural movement must be replicated in the EWI system.
- 2 Additional fixings to be installed at max. 300mm centres at horizontal movement joints.
- 3 Concrete floor slab position shown indicatively only, positioning to be confirmed by site survey.
- 4 Min. 100mm wide jointing pieces must to 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.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-		
Horizontal Movement Joint Detail	Scale:	NTS	Building	
Drawing No:	Date:	01.11.2024	Wetherby	
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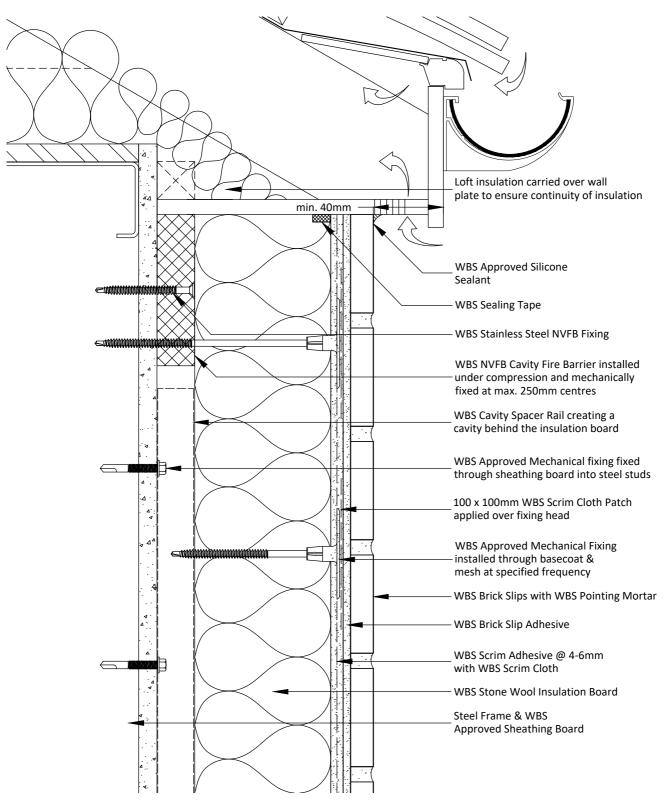




- 1 Additional fixings to be installed at max. 300mm centres at roof abutment.
- 2 Loft insulation must be present to reduce cold bridging and to maintain continuity of insulation.
- 3 Existing ventilation must not be obstructed or must be re-positioned.
- (existing soffit to have sufficient ventilation retained or check for over fascia ventilation)
- 4 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements.

Project Name:	Drawn by:	D.N	s Ltd	Ľ,
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-	ing	
Eaves Detail (Rail)	Scale:	NTS	Build	
Drawing No:	Date:	01.11.2024	herby	
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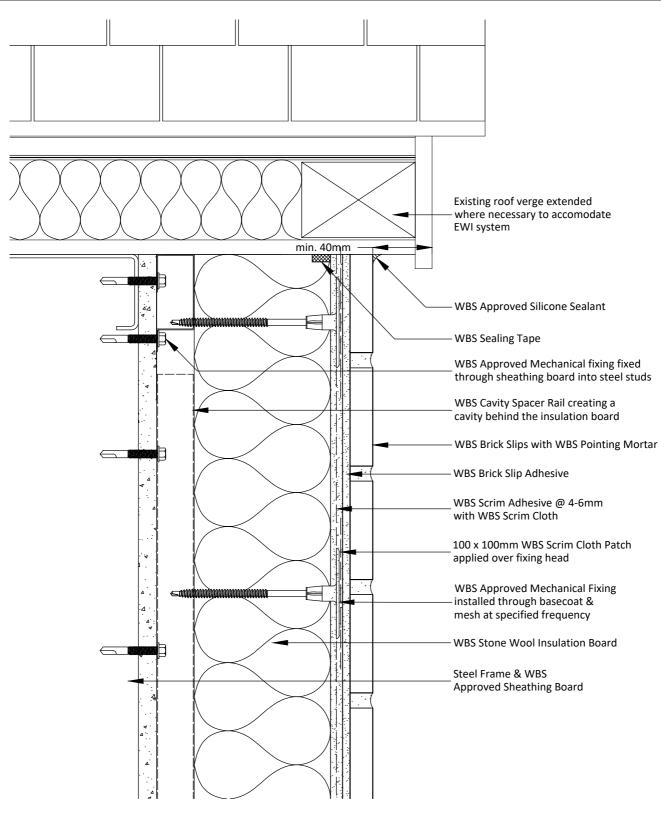




- 1 Additional fixings to be installed at max. 300mm centres at roof abutment.
- 2 Loft insulation must be present to reduce cold bridging and to maintain continuity of insulation.
- 3 Existing ventilation must not be obstructed or must be re-positioned. (existing soffit to have sufficient ventilation retained or check for over fascia ventilation)

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	É.
Drawing Title:	Revision:	-	ing	
Eaves Detail (NVFB)	Scale:	NTS	Build	1 Ki Tel:
Drawing No:	Date:	01.11.2024	Jerby	
WBS-EWI-S-RR-SW-RBS-FTM-5000B	Drawing Set:	14	Weth	© WBS

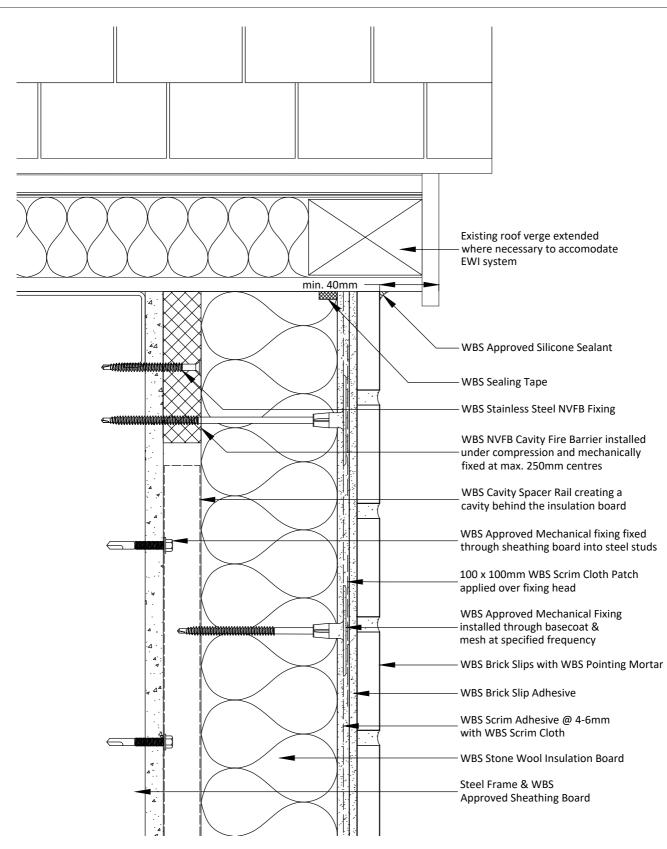




- 1 Additional fixings to be installed at max. 300mm centres at roof abutment.
- 2 Loft insulation must be present to reduce cold bridging and to maintain continuity of insulation.
- 3 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-		
Extended Verge Detail (Rail)	Scale:	NTS	Building	
Drawing No:	Date:	01.11.2024	Wetherby	
WBS-EWI-S-RR-SW-RBS-FTM-5001B	Drawing Set:	14	Wet	(

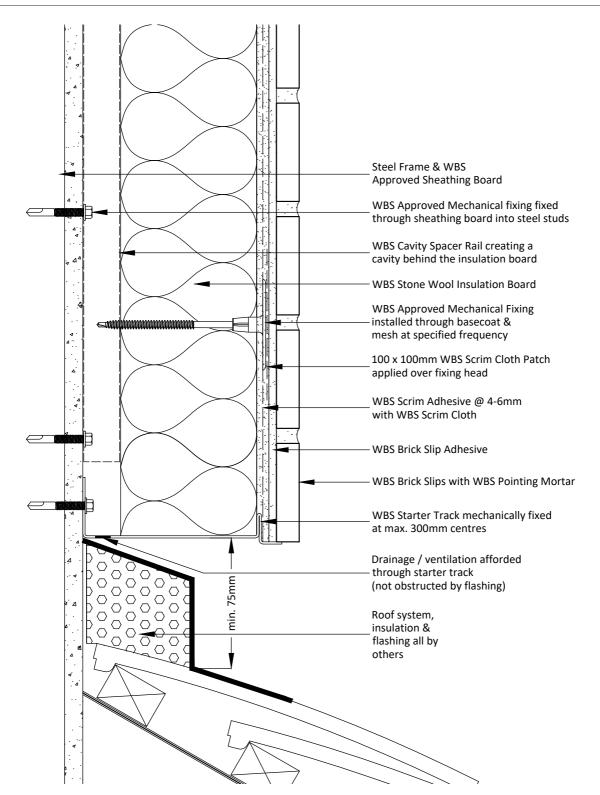




- 1 Additional fixings to be installed at max. 300mm centres at roof abutment.
- 2 Loft insulation must be present to reduce cold bridging and to maintain continuity of insulation.

Project Na	ne:	Drawn by:	D.N	s Ltd	
Typical D	etails - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	Ē.
Drawing Ti	tle:	Revision:	-	ing Sy	
Extended	l Verge Detail (NVFB)	Scale:	NTS	Building	1 I Te
Drawing N	D:	Date:	01.11.2024	Wetherby	
WBS-EW	/I-S-RR-SW-RBS-FTM-5001B	Drawing Set	: 14	Weth	© WE

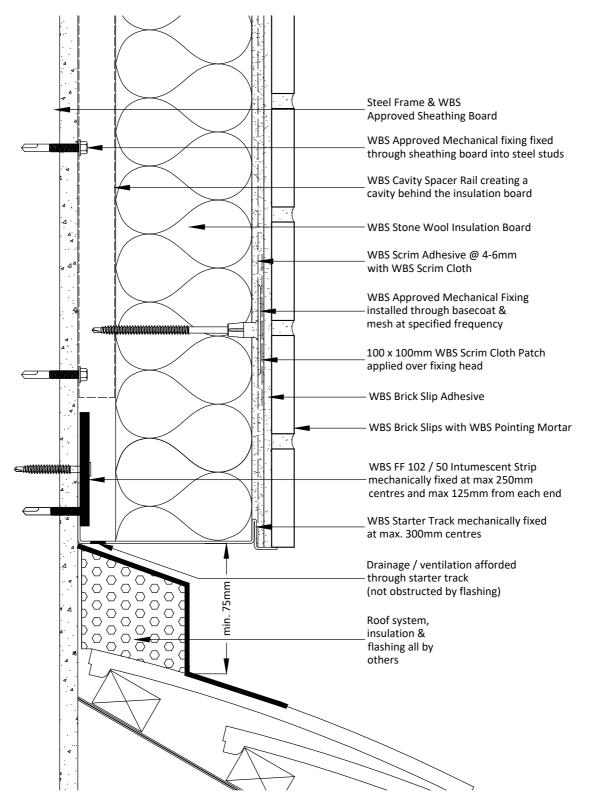




- 1 Insulation within roof upstand must be present to reduce cold bridging.
- 2 Insulation at roof upstand should provide a minimum 75% of the thermal resistance of main wall insulation.
- 3 Roof flashing/membrane can also be located behind WBS Starter Track and dressed into the wall.
- 4 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements

Project Name:	Drawn by:	D.N	s Ltd
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System
Drawing Title:	Revision:	-	ding Sy
Pitched Roof Abutment Detail (Rail)	Scale:	NTS	Build
Drawing No:	Date:	01.11.2024	Wetherby
WBS-EWI-S-RR-SW-RBS-FTM-5002B	Drawing Set	: 14	Weth

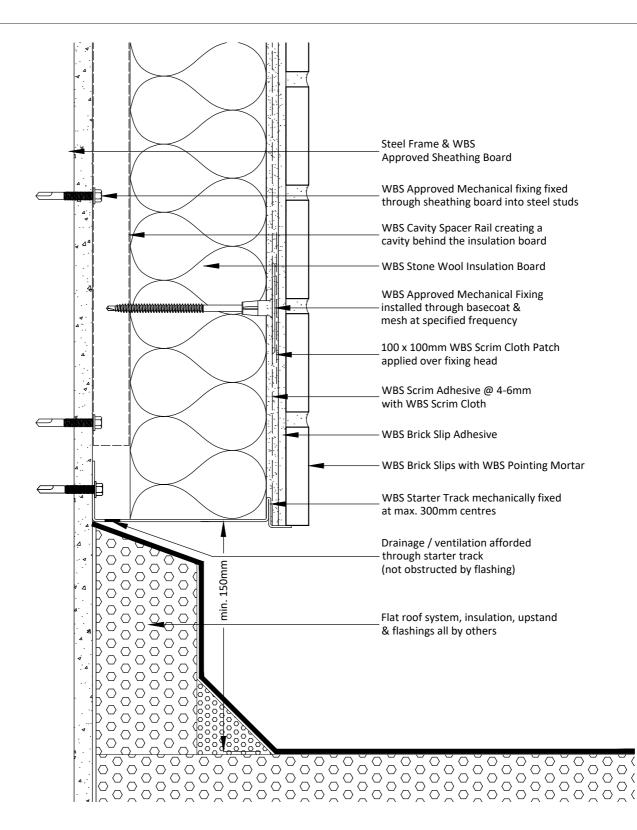




- 1 Insulation within roof upstand must be present to reduce cold bridging.
- 2 Insulation at roof upstand should provide a minimum 75% of the thermal resistance of main wall insulation.
- 3 Roof flashing/membrane can also be located behind WBS Starter Track and dressed into the wall.
- 4 Intumescent Strip position / requirements to be confirmed subject to project specific detailing.

Drawn by:	D.N	s Ltd	
Checked by:	N.K		
Revision:	-		
Scale:	NTS	Build	
Date:	01.11.2024	Jerby	
Drawing Set	: 14	Weth	
	Checked by: Revision: Scale: Date:	Checked by: N.K Revision: - Scale: NTS	Checked by:     N.K       Revision:     -       Scale:     NTS       Date:     01.11.2024

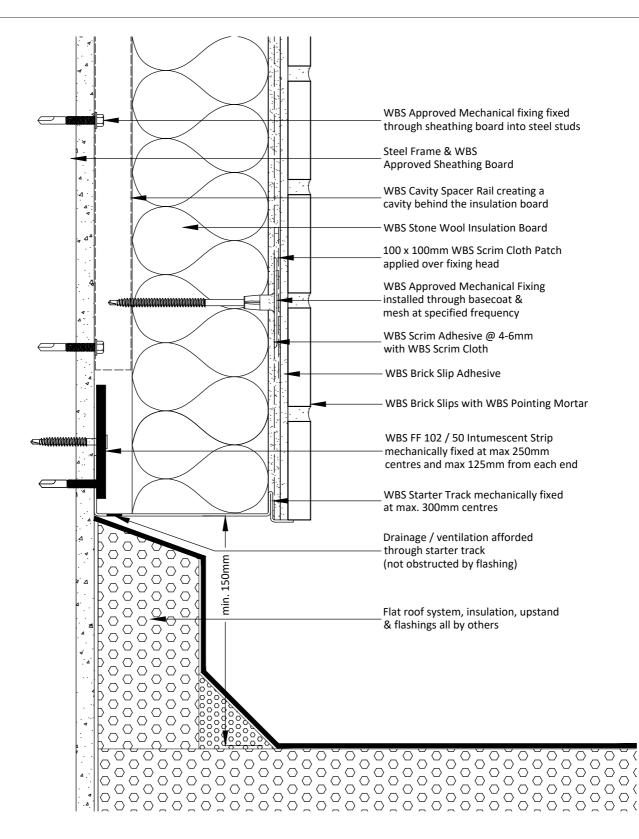




- 1 Insulation within roof upstand must be present to reduce cold bridging.
- 2 Insulation at roof upstand should provide a minimum 75% of the thermal resistance of main wall insulation.
- 3 Roof flashing/membrane can also be located behind WBS Starter Track and dressed into the wall.
- 4 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements

WBS-EWI-S-RR-SW-RBS-FTM-5003A	Drawing Set	: 14	Wet
Drawing No:	Date:	01.11.2024	Wetherby
Flat Roof Abutment Detail (Rail)	Scale:	NTS	Building
Drawing Title:	Revision:	-	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System
Project Name:	Drawn by:	D.N	s Ltd

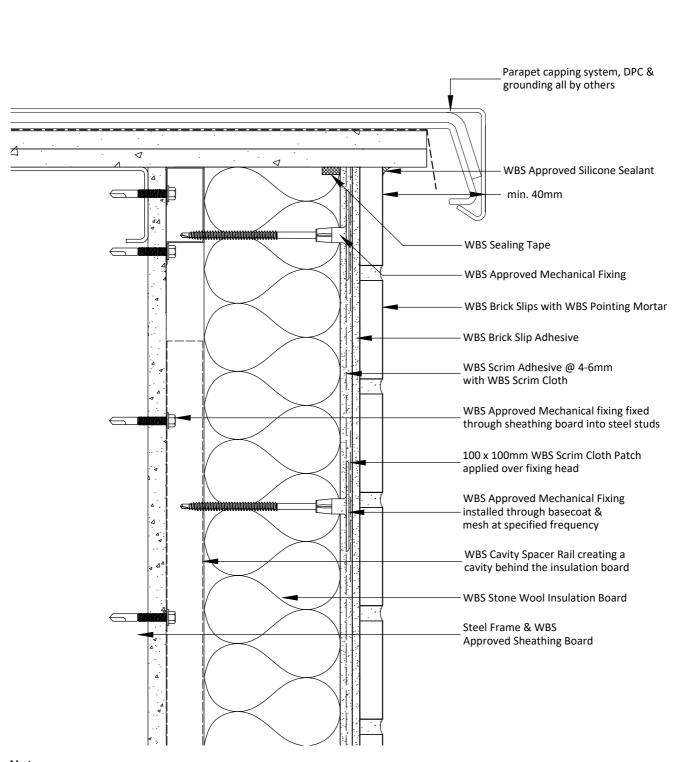




- 1 Insulation within roof upstand must be present to reduce cold bridging.
- 2 Insulation at roof upstand should provide a minimum 75% of the thermal resistance of main wall insulation.
- 3 Roof flashing/membrane can also be located behind WBS Starter Track and dressed into the wall.
- 4 Intumescent Strip position / requirements to be confirmed subject to project specific detailing.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	ystem	
Drawing Title:	Revision:	-	S	
Flat Roof Abutment Detail (Intumescent Strip)	Scale:	NTS	Building	
Drawing No:	Date:	01.11.2024	herby	
WBS-EWI-S-RR-SW-RBS-FTM-5003B	Drawing Set:	14	Weth	C
			Wetherby	(

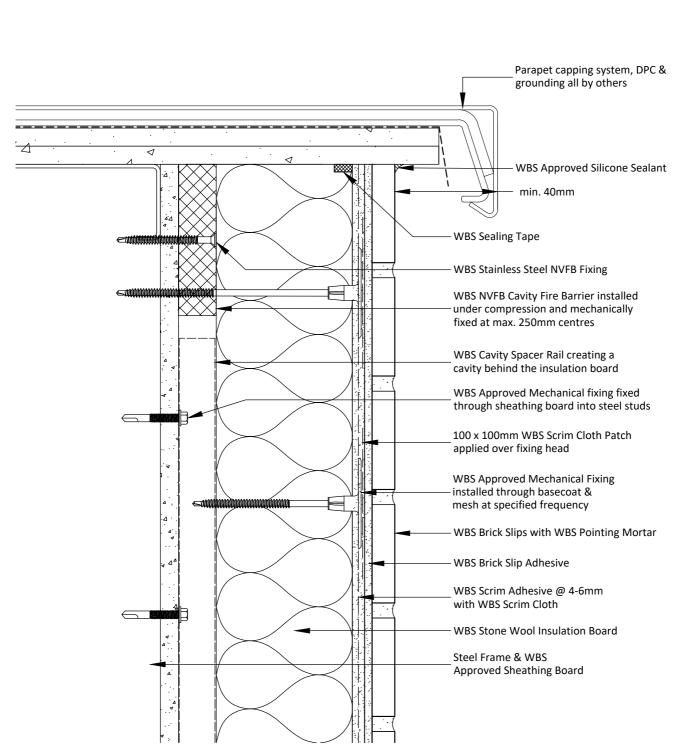




- 1 Additional fixings to be installed at max. 300mm centres at parapet level.
- 2 The above detail may not necessarily achieve the required fire resistance / performance, subject to project specific detailing / requirements

Project Name:	Drawn by:	D.N	s Ltd	1.10
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	ystem	
Drawing Title:	Revision:	-	ding Sy	cre
Parapet Detail (Rail)	Scale:	NTS	Build	1 Kid Glov Tel: 01942
Drawing No:	Date:	01.11.2024	Jerby	E-r
WBS-EWI-S-RR-SW-RBS-FTM-5004A	Drawing Set:	14	Wether	© WBS-LTD





1 - Additional fixings to be installed at max. 300mm centres at parapet level.

Project Name:	Drawn by:	D.N	s Ltd	1.1
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-		Cr
Parapet Detail (NVFB)	Scale:	NTS	Building	1 Kid Glo Tel: 0194
Drawing No:	Date:	01.11.2024	Wetherby	E-I
WBS-EWI-S-RR-SW-RBS-FTM-5004B	Drawing Set	14	Weth	© WBS-LTD
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WBS Approved Mechanical Fixing WBS Scrim Adhesive @ 4-6mm installed through basecoat & with WBS Scrim Cloth mesh at specified frequency WBS Brick Slip Adhesive 100 x 100mm WBS Scrim Cloth Patch applied over fixing head WBS Stainless Steel NVFB Fixing WBS Stone Wool Insulation Board WBS NVFB Cavity Fire Barrier installed under compression and mechanically Steel Frame & WBS fixed at max. 250mm centres Approved Sheathing Board WBS Brick Slips with WBS Pointing Mortar WBS Approved Mechanical fixing fixed through sheathing WBS Full Depth Stop Bead, board into steel studs bedded on WBS Sealing WBS Cavity Spacer Rail Tape and mechanically fixed at max. 300mm creating a cavity behind centres the insulation board WBS Approved Silicone Sealant Service Box min. 25mm Provide insulation within service box where practicable/ permissable V: 4 ... Ą ₽:. ٩. - VP · .

# Notes:

- 1 Existing service box must be in good condition.
- 2 Refer to specification for the installation of external wall insulation ensuring safety and operation of fuel burning appliances V.1.0 31st March 2017'. Surface mounted gas meter boxes require a min. clearance of 25 mm for access and maintenance.
- 3 This drawing indicates the minimum clearance dimensions. Actual clearance may require to be significantly more to facilitate maintenance, removal & replacement of the meter, including opening of the lid.

Project Name:	Drawn by:	D.N	s Ltd
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems
Drawing Title:	Revision:	-	ing Sy
Service Box Abutment Detail - Removable Box	Scale:	NTS	Building
Drawing No:	Date:	01.11.2024	Wetherby
WBS-EWI-S-RR-SW-RBS-FTM-6000	Drawing Set:	14	Wet



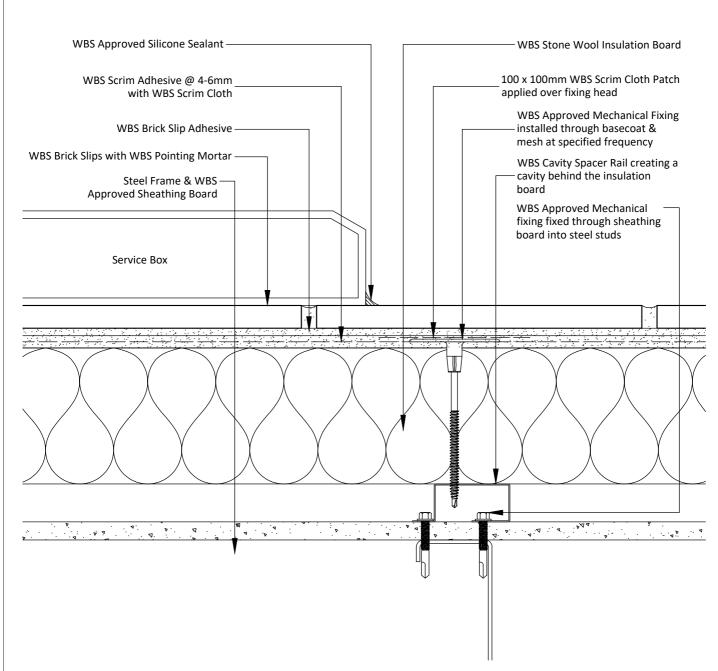
WBS Approved Mechanical Fixing WBS Scrim Adhesive @ 4-6mm installed through basecoat & with WBS Scrim Cloth mesh at specified frequency WBS Brick Slip Adhesive 100 x 100mm WBS Scrim Cloth Patch applied over fixing head WBS Stainless Steel NVFB Fixing WBS Stone Wool Insulation Board WBS NVFB Cavity Fire Barrier installed under compression and mechanically Steel Frame & WBS fixed at max. 250mm centres Approved Sheathing Board WBS Brick Slips with WBS Pointing Mortar WBS Approved Mechanical fixing fixed through sheathing WBS Full Depth Stop Bead, board into steel studs bedded on WBS Sealing Tape and mechanically WBS Cavity Spacer Rail fixed at max. 300mm creating a cavity behind centres the insulation board WBS Sealing Tape with WBS Approved Silicone Sealant Service Box Provide insulation within service box where practicable/ permissable Ą . V A 4 6 . .

## Notes:

- 1 Existing service box must be in good condition.
- 2 Refer to specification for the installation of external wall insulation ensuring safety and operation of fuel burning appliances V.1.0 31st March 2017'.
- 3 Permission from the utility company may be required to allow the EWI system to be sealed against the service box.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	Ê
Drawing Title:	Revision:	-	ing Sy	
Service Box Abutment Detail - Front Access	Scale:	NTS	Building	1 T
Drawing No:	Date:	01.11.2024	Wetherby	
WBS-EWI-S-RR-SW-RBS-FTM-6001	Drawing Set:	14	Wet	© WI

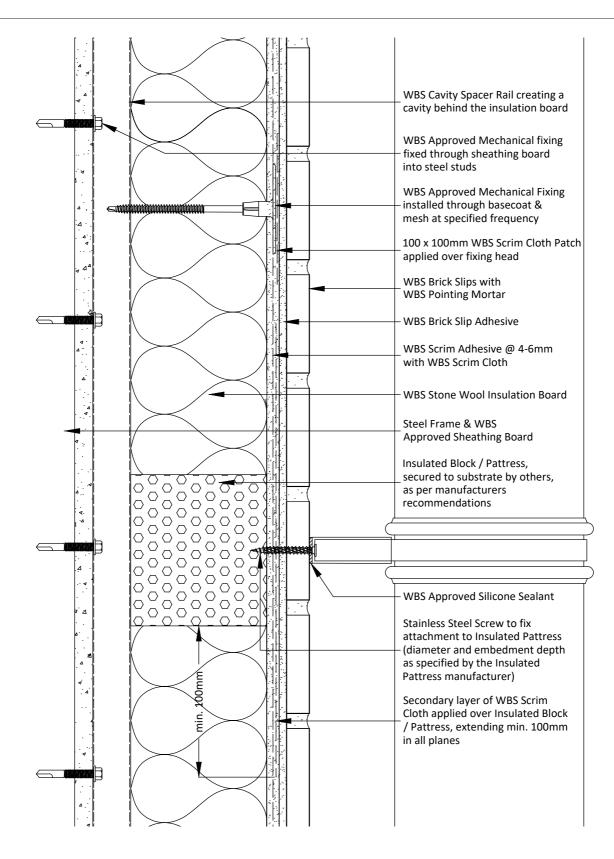




- 1 Service box removed and repositioned on the external face of the EWI system to ensure continuity of insulation.
- 2 Movement of the service box should only be undertaken by the relevant party, i.e. Utility Company.
- 3 Service box should be suitably fixed using approved fixings, fixing points to be sealed to ensure water tightness.

Project Name:	Drawn by:	D.N	s Ltd	1.1
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	stems	
Drawing Title:	Revision:	-	ing Sy	creat
Service Box Mounted Detail	Scale:	NTS	Build	1 Kid Glove Tel: 01942 7
Drawing No:	Date:	01.11.2024	Jerby	E-ma
WBS-EWI-S-RR-SW-RBS-FTM-6002	Drawing Set: 14		Weth	© WBS-LTD 19

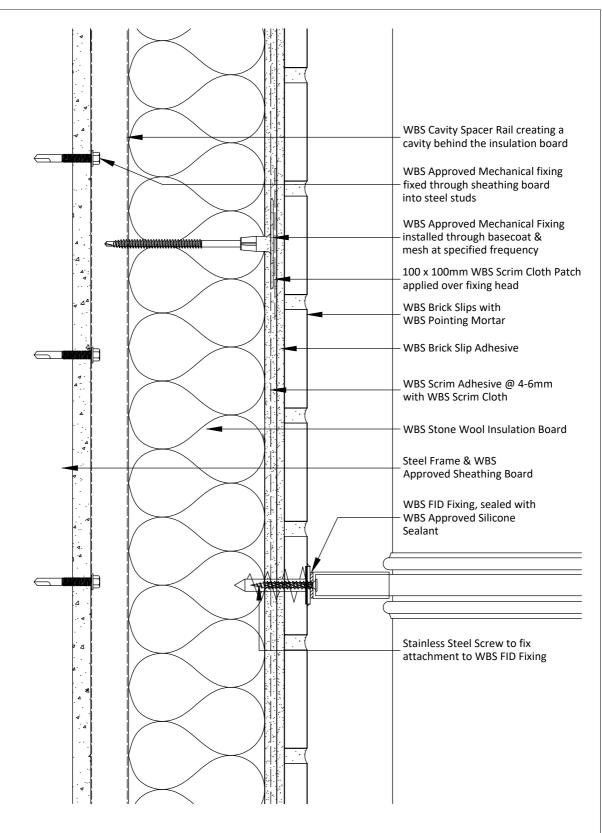




- 1 Insulated pattress must always be installed as per manufacturers recommendations.
- 2 The suitability of any proposed insulated pattress to be confirmed by Wetherby Technical Department.
- 3 Refer to insulated pattress manufacturer for allowable loadings.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-	60	
Insulated Block / Pattress Detail	Scale:	NTS	Buildin	
Drawing No:	Date:	01.11.2024	Jerby	
WBS-EWI-S-RR-SW-RBS-FTM-6003	Drawing Set	14	Wethe	©۱



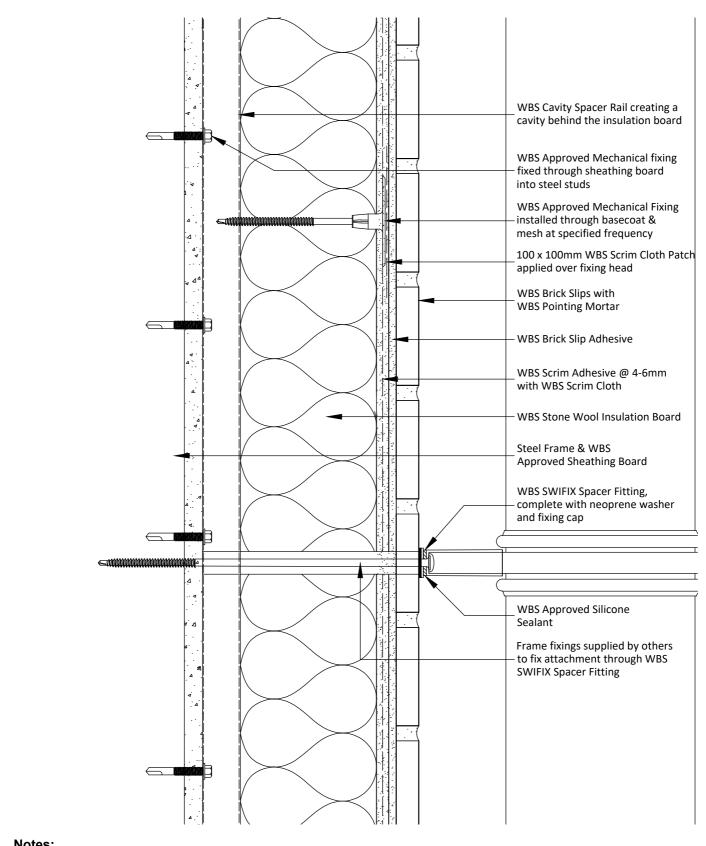


- 1 Pilot hole may be required for traditional render finishes.
- 2 WBS FID50 can receive 4.5-5.0mm diameter screws whilst WBS FID90 can only receive 6.0mm diameter screws.
  3 WBS FID fixings are not suitable for heavier attachments, e.g. cast iron RWPs, satellite dish etc Refer to fixing manufacturer for allowable loadings.

WBS-EWI-S-RR-SW-RBS-FTM-6004	Drawing Set	: 14	Wetl
Drawing No:	Date:	01.11.2024	Wetherby
Lightweight External Attachment Detail	Scale:	NTS	Building
Drawing Title:	Revision:	-	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System
Project Name:	Drawn by:	D.N	s Ltd

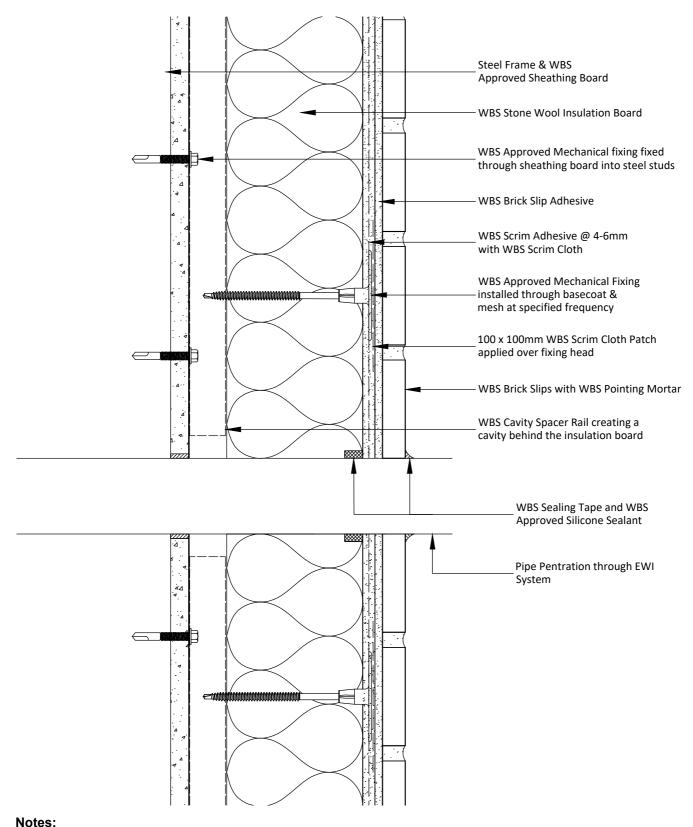


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- 1 WBS SWIFIX Spacer Fitting to be cut to correct length prior to installation.
- 2 Refer to fixing manufacturer for allowable loadings.

Project Name:	Drawn by: D.N	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by: N.K	
Drawing Title:	Revision: -	
Heavy External Attachment Detail A	Scale: NTS	1 Kid Glove Road, Golborne, WA3 3GS Tel: 01942 717100 Fax: 01942 717101
Drawing No:	Date: 01.11.2024	A         Web: www.wbs-ltd.co.uk           P         E-mail: technical@wbs-ltd.co.uk
WBS-EWI-S-RR-SW-RBS-FTM-6005	Drawing Set: 14	To       © WBS-LTD 1998-2024. All rights reserved

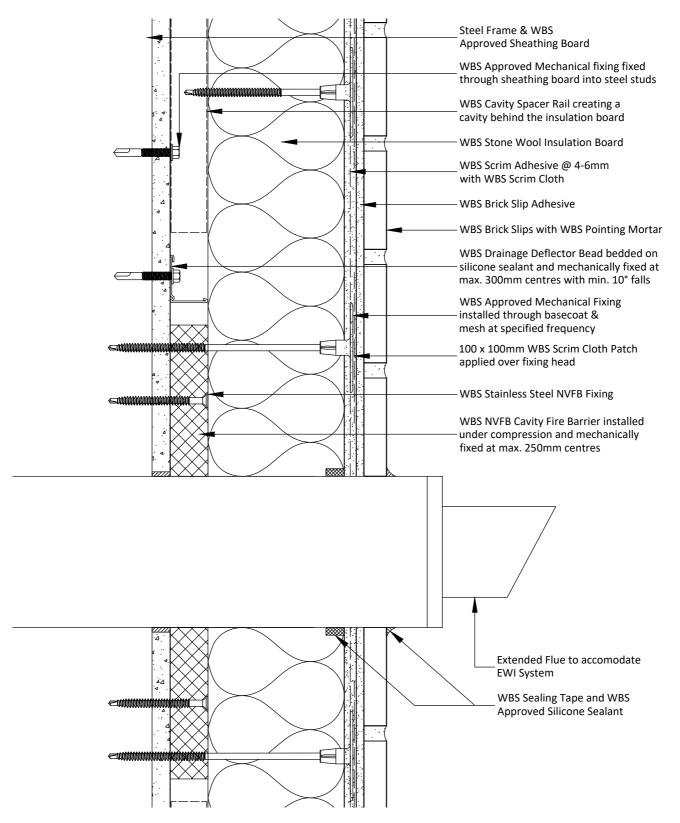


- 1 Detail may require Non-Ventilated Fire Barriers subject to project specific guidance.

Project Name:	Drawn by:	D.N	s Ltd	1. A.
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by	N.K	Systems	<b>N</b> eth
Drawing Title:	Revision:	-	60	creating a gree
Pipe Penetration Detail	Scale:	NTS	Buildin	1 Kid Glove Road, Go Tel: 01942 717100 F
Drawing No:	Date:	01.11.2024	Wetherby	Web: v E-mail: technic
WBS-EWI-S-RR-SW-RBS-FTM-6006	Drawing Set	:: 14	Wet	© WBS-LTD 1998-2024.



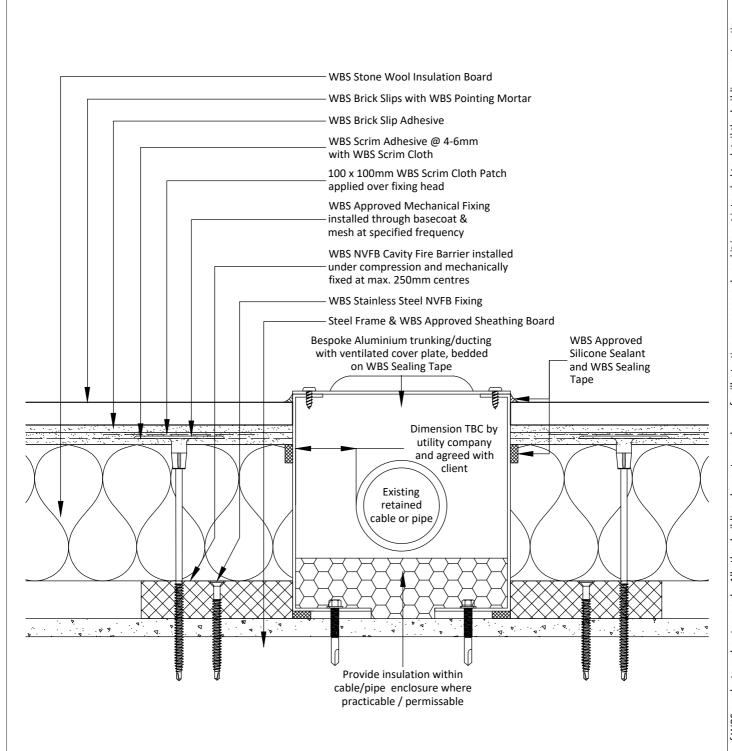
iolborne, WA3 3GS Fax: 01942 717101 www.wbs-ltd.co.uk ical@wbs-ltd.co.uk All rights reserved



- 1 Detail is only suitable where flue has been extended to accommodate the thickness of the EWI System.
- 2 Minimum 200mm insulation bond overlap.
- 3 Where existing flue cannot be extended, contact Wetherby Technical Department for further guidance.

Project Name:	Drawn by:	D.N	s Ltd	1
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	193
Drawing Title:	Revision:	-	ing	
Extended Flue Detail	Scale:	NTS	Build	1 K Tel
Drawing No:	Date:	01.11.2024	Jerby	
WBS-EWI-S-RR-SW-RBS-FTM-6007	Drawing Set:	14	Wether	© WBS

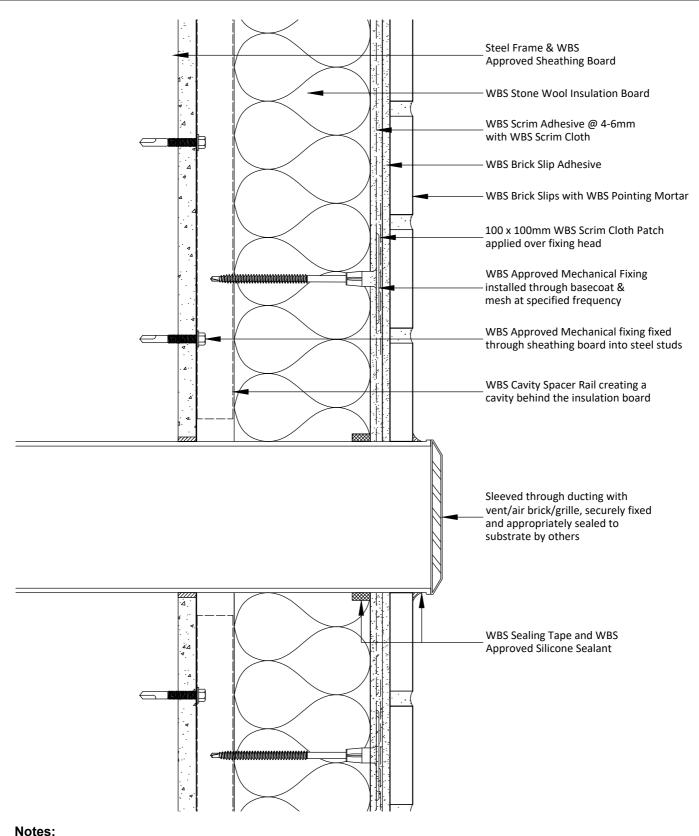




- 1 Aluminium trunking/ducting must be suitably designed to suit the required EWI system thickness
- 2 For gas pipes, enclosures must have removable ventilated covers in accordance with the 'Specification for the installation of external wall insulation ensuring safety and operation of fuel burning appliances V.1.0
  - 31st March 2017'. Ensure that the EWI system is fully sealed to the wall to prevent gas entry into the system.
- 3 Ventilation rate to be confirmed by utility company.

Project Name:	Drawn by:	D.N	ttd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems	
Drawing Title:	Revision:	-		
Gas Pipe / Electrical Service Enclosure Detail	Scale:	NTS	Building	
Drawing No:	Date:	01.11.2024	Wetherby	
WBS-EWI-S-RR-SW-RBS-FTM-6008	Drawing Set:	. 14	Wet	

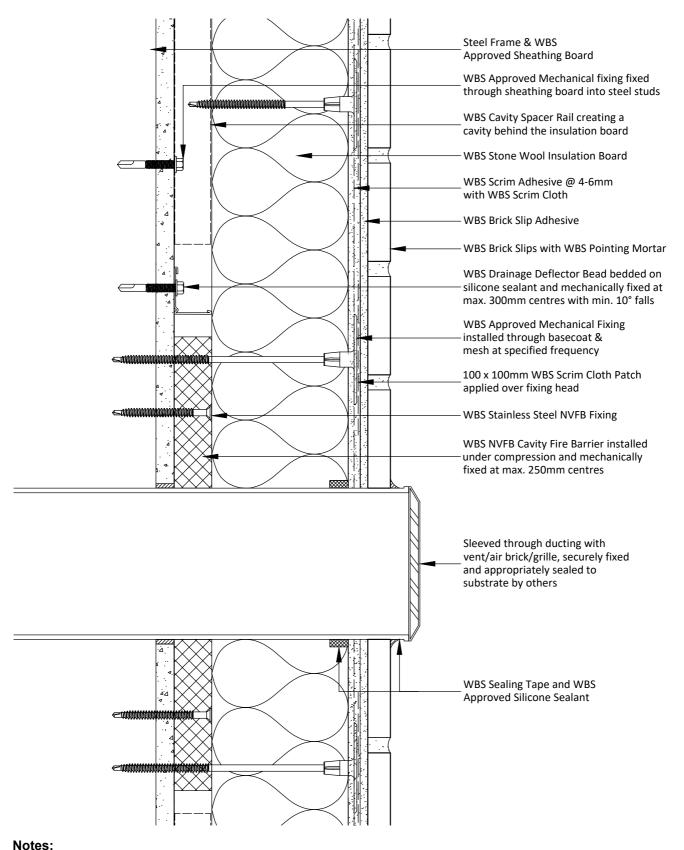




- 1 Detail may require Non-Ventilated Fire Barriers subject to project specific guidance.
- 2 Sleeved ducting must be suitably designed to suit the required EWI system thickness.
- 3 Ventilation rate to be confirmed by manufacturer or specialist contractor.

Project Name:	Drawn by:	D.N	s Ltd
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System:
Drawing Title:	Revision:	-	60
Vent Detail (Rail)	Scale:	NTS	Building
Drawing No:	Date:	01.11.2024	Wetherby
WBS-EWI-S-RR-SW-RBS-FTM-6009A	Drawing Set:	14	Wet

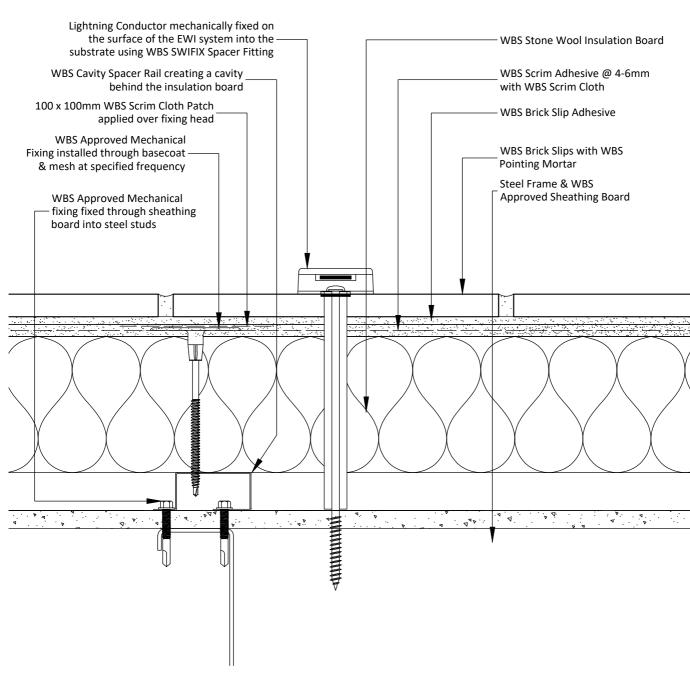




- 1 Sleeved ducting must be suitably designed to suit the required EWI system thickness.
- 2 Ventilation rate to be confirmed by manufacturer or specialist contractor.

Project Name:	Drawn by:	D.N	s Ltd	
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	System	
Drawing Title:	Revision:	-	ing Sy	
Vent Detail (NVFB)	Scale:	NTS	Building	
Drawing No:	Date:	01.11.2024	Wetherby	
WBS-EWI-S-RR-SW-RBS-FTM-6009B	Drawing Set	: 14	Weth	(
			-	





1 - WBS Approved Silicone Sealant to be applied to any fixing points to prevent potential water ingress.

Project Name:	Drawn by:	D.N	Ltd	1.1.1
Typical Details - Stone Wool with Brick Slips (FTM)	Checked by:	N.K	Systems	
Drawing Title:	Revision:	-	60	creating a s
Lightning Conductor Detail	Scale:	NTS	Building	1 Kid Glove Road Tel: 01942 71710
Drawing No:	Date:	01.11.2024	Wetherby	We E-mail: tec
WBS-EWI-S-RR-SW-RBS-FTM-6010	Drawing Set	: 14	Weth	© WBS-LTD 1998-20

