

### R-MER CLAD Built-Up Over-Roof System - Profiled Cement Sheets

Bracket Height	Continuous 2mm Top-Hat Height	Insulation Thickness	Insulation Value	U-Value @ 1.5m Centres	Nominal Weight/m2 from existing build-up
80mm	≥ to existing profile height	100mm	0.040	0.57	15.04
180mm	≥ to existing profile height	200mm	0.040	0.25	16.13
260mm	≥ to existing profile height	280mm	0.040	0.17	17.01

Bracket spacer system fixed directly to top-hat. Top-hat is then fixed to existing spacer or purlins with suitable fixings. Continuous top-hat's may also be used to reduce span for new profile sheet if required.

Minimum recommended pitch 4°

SITE:

DRAWING NO.

PROJECT NO.

17/04/2020

DATE.



The Garland Company UK Limited  
 Second Way, Avonmouth, Bristol, BS11 8DF  
 Tel: 01174 401050 Fax: 01174 401057  
 www.garlandukltd.co.uk

TITLE:

R-MER CLAD BUILT-UP OVER-ROOF SYSTEM

NTS  
 SCALE AT A4.

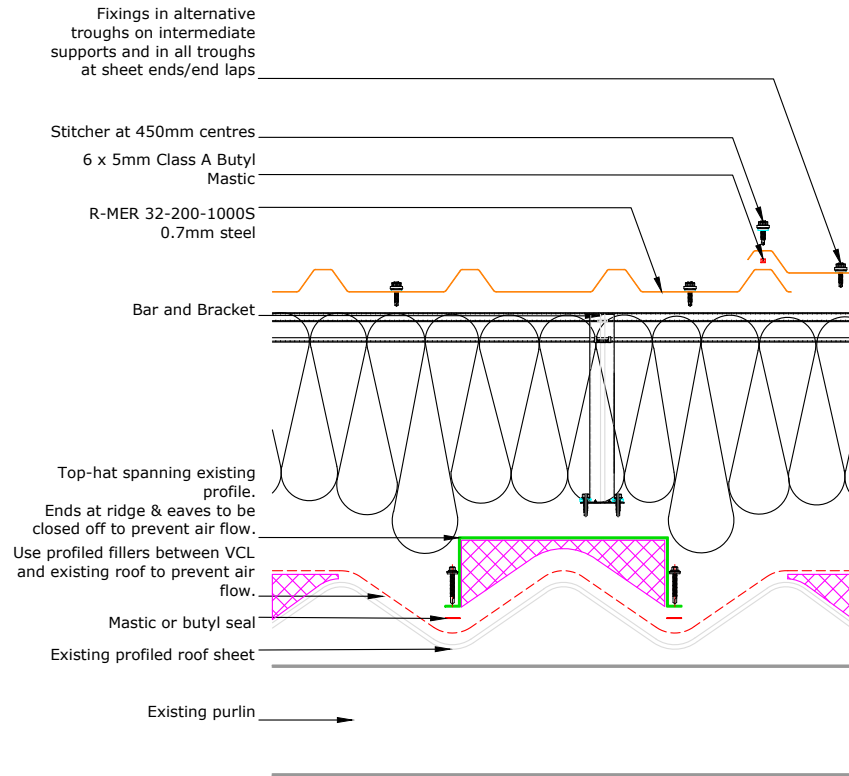
MF  
 DRAWN.

-  
 CHECKED.

1.0  
 REVISION.

NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY.  
 TO BE USED IN CONJUNCTION WITH SPECIFICATION.

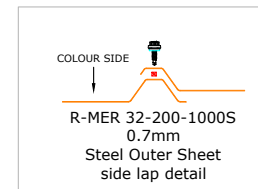
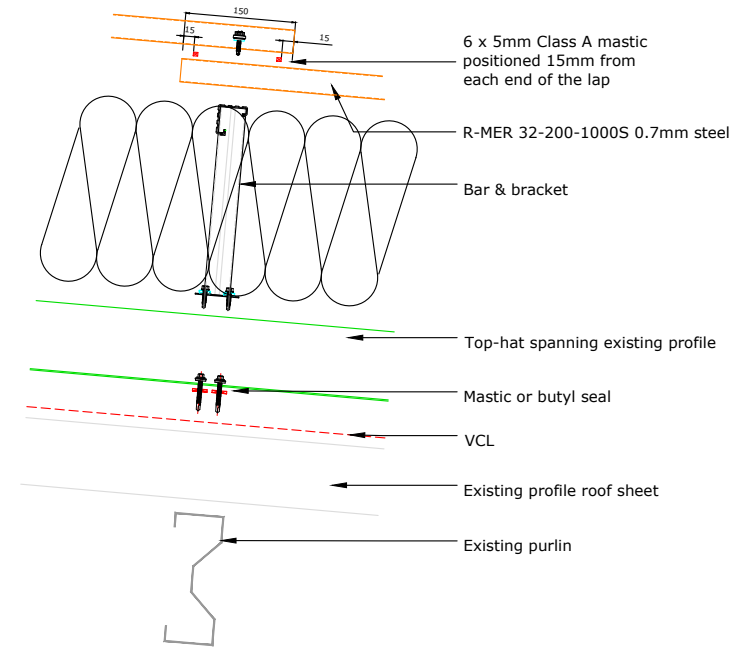
### R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - SIDE LAP DETAIL



Top-hat to be 2mm galv steel.  
 Top-hat sections in continuous runs upslope at max. 1.2m centres verge to verge.  
 2mm galv splice connectors required to joint top-hats. Top-hat ends at ridge and eaves to be closed off to prevent air flow.

VCL to sit loose under top-hat sections but pulled across the crowns otherwise.  
 Profiled fillers matching existing profile to be used between VCL and roof surface to prevent air flow. Fillers to be sealed with mastic.

### R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - END LAP DETAIL



SITE:

DRAWING NO.

PROJECT NO.

01/05/2020  
 DATE.



The Garland Company UK Limited  
 Second Way, Avonmouth, Bristol, BS11 8DF  
 Tel: 01174 401050 Fax: 01174 401057  
 www.garlandukltd.co.uk

TITLE:

R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - EXPLODED

NTS  
 SCALE AT A4.

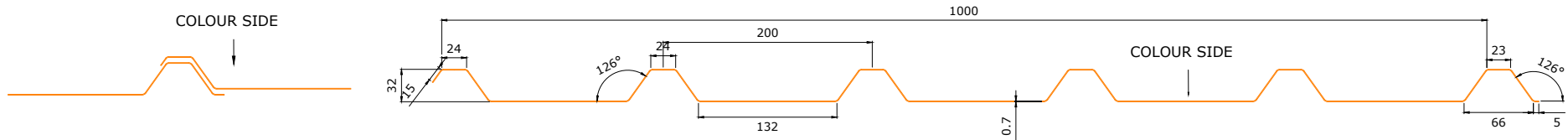
MF  
 DRAWN.

-  
 CHECKED.

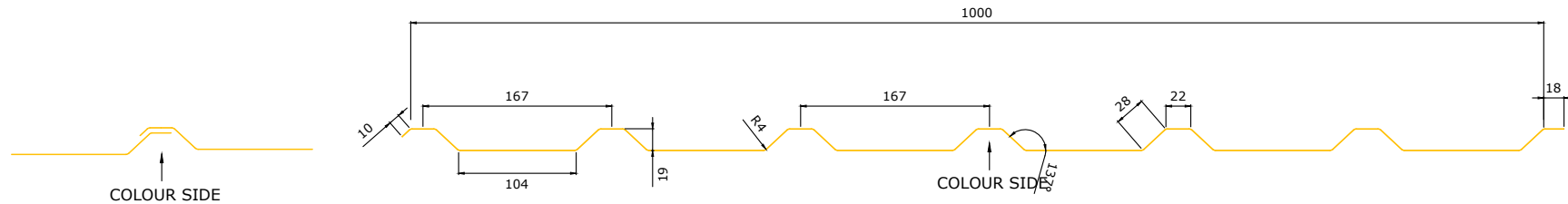
1.0  
 REVISION.


NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY.  
 TO BE USED IN CONJUNCTION WITH SPECIFICATION.

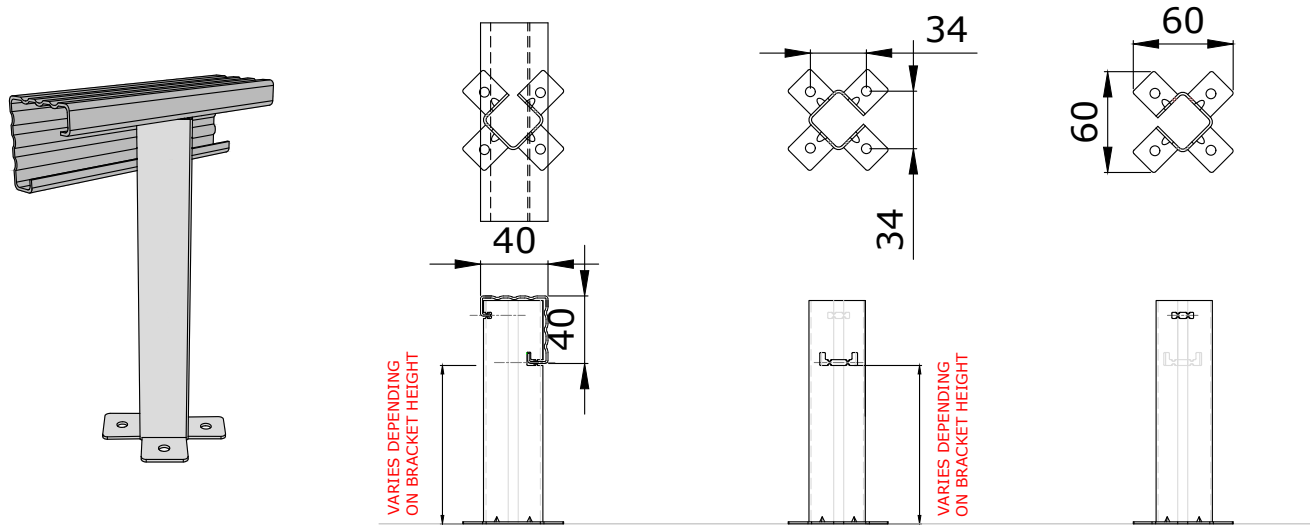
R-MER 32-200-1000 0.7mm EXTERNAL SHEET



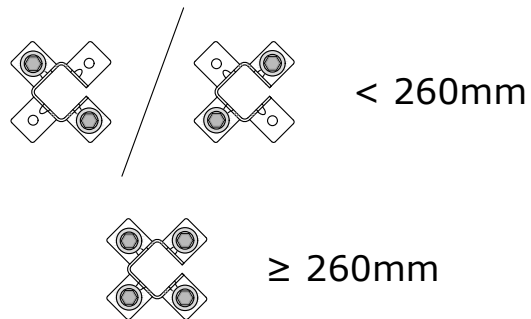
R-MER 19-167-1000L 0.4mm WALL LINER SHEET




SITE:	DRAWING NO.	-	PROJECT NO.	01/05/2020	The Garland Company UK Limited Second Way, Avonmouth, Bristol, BS11 8DF Tel: 01174 401050 Fax: 01174 401057 www.garlandukltd.co.uk	
TITLE: R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - PROFILES	NTS SCALE AT A4.	MF DRAWN.	-	DATE: 1.0 REVISION.		

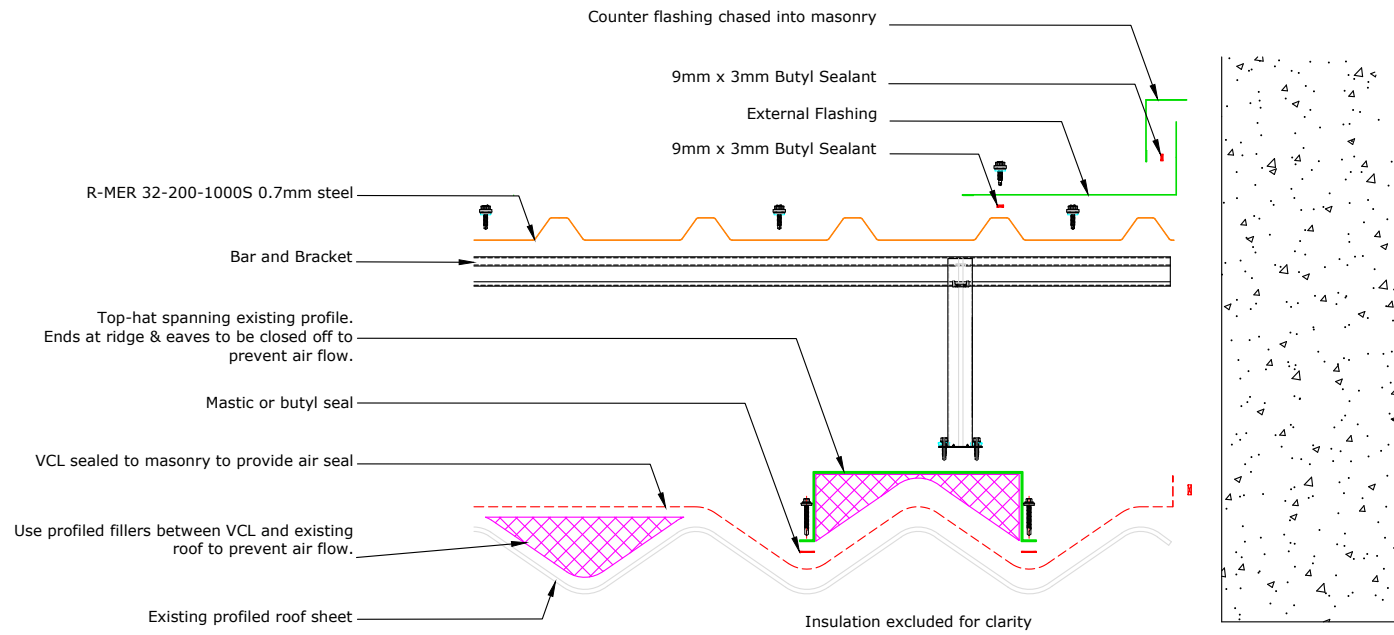
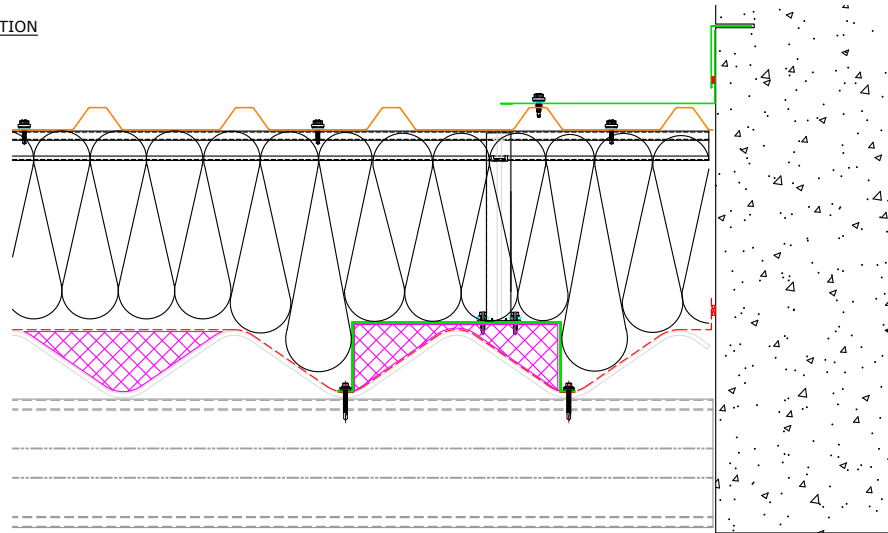



Brackets less than 260mm require 2 fixings diagonally opposite.  
 Brackets 260mm or more require 4 fixings.



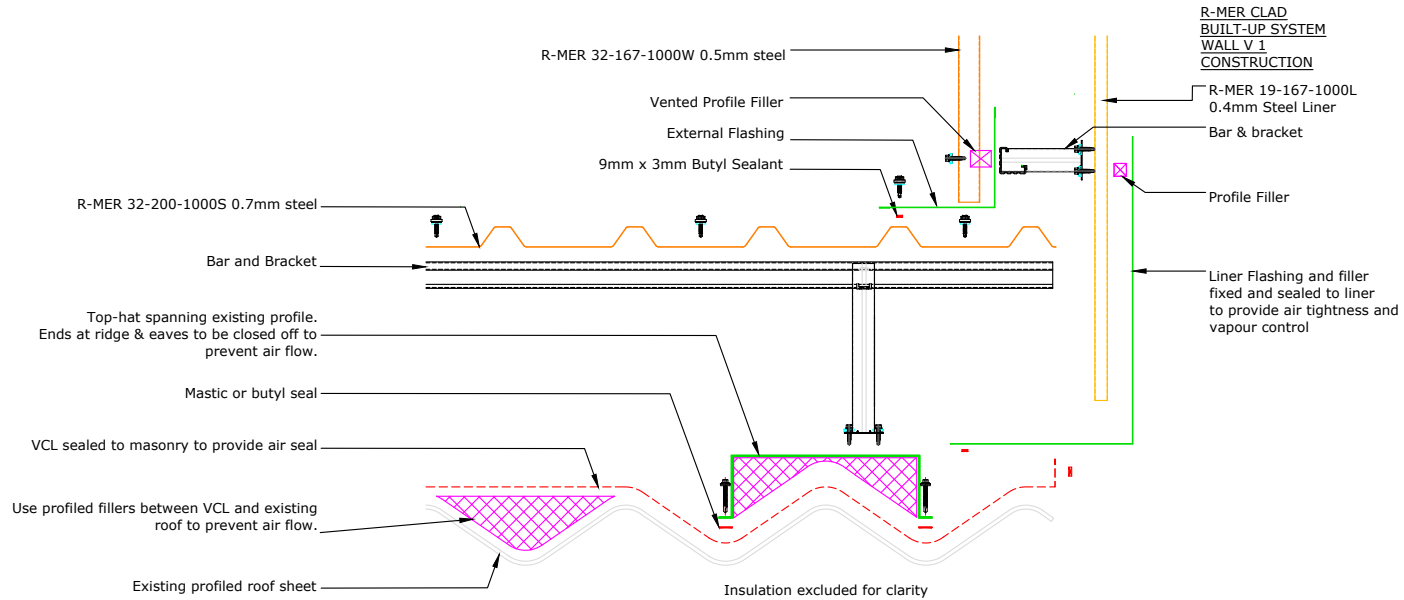
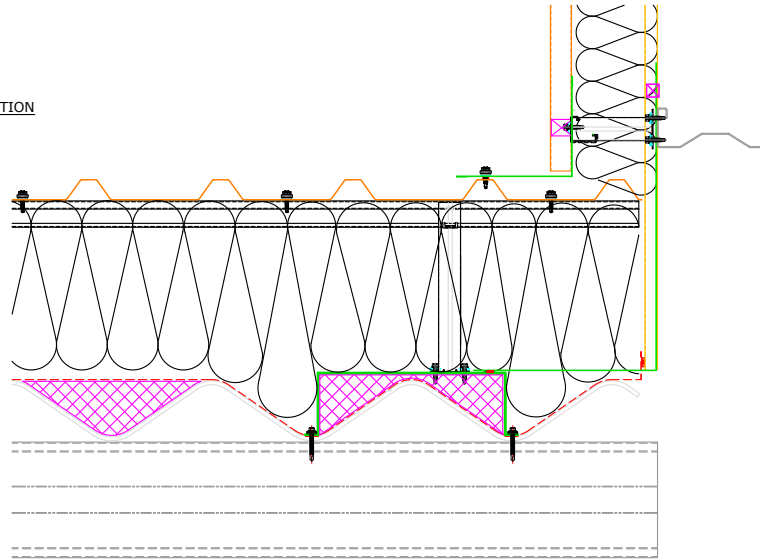
SITE:	DRAWING NO.		-	01/05/2020		The Garland Company UK Limited Second Way, Avonmouth, Bristol, BS11 8DF Tel: 01174 401050 Fax: 01174 401057 www.garlandukltd.co.uk
TITLE: R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - BRACKET	NTS SCALE AT A4.	MF DRAWN.	-	1.0 REVISION.		NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY. TO BE USED IN CONJUNCTION WITH SPECIFICATION.

R-MER CLAD BUILT-UP OVER-ROOF SYSTEM CONSTRUCTION



SITE:		DRAWING NO.		PROJECT NO.		DATE.		 <p>The Garland Company UK Limited                  Second Way, Avonmouth, Bristol, BS11 8DF                  Tel: 01174 401050 Fax: 01174 401057                  www.garlandukltd.co.uk</p>
TITLE:		NTS SCALE AT A4.		MF DRAWN.		1.0 REVISION.		
R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - ABUTMENT WALL								NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY. TO BE USED IN CONJUNCTION WITH SPECIFICATION.

R-MER CLAD BUILT-UP OVER-ROOF SYSTEM CONSTRUCTION



SITE:

DRAWING NO.

PROJECT NO.

01/05/2020

DATE.



The Garland Company UK Limited

Second Way, Avonmouth, Bristol, BS11 8DF

Tel: 01174 401050 Fax: 01174 401057

www.garlandukltd.co.uk

TITLE:

R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - ABUTMENT CLADDING

NTS

SCALE AT A4.

MF

DRAWN.

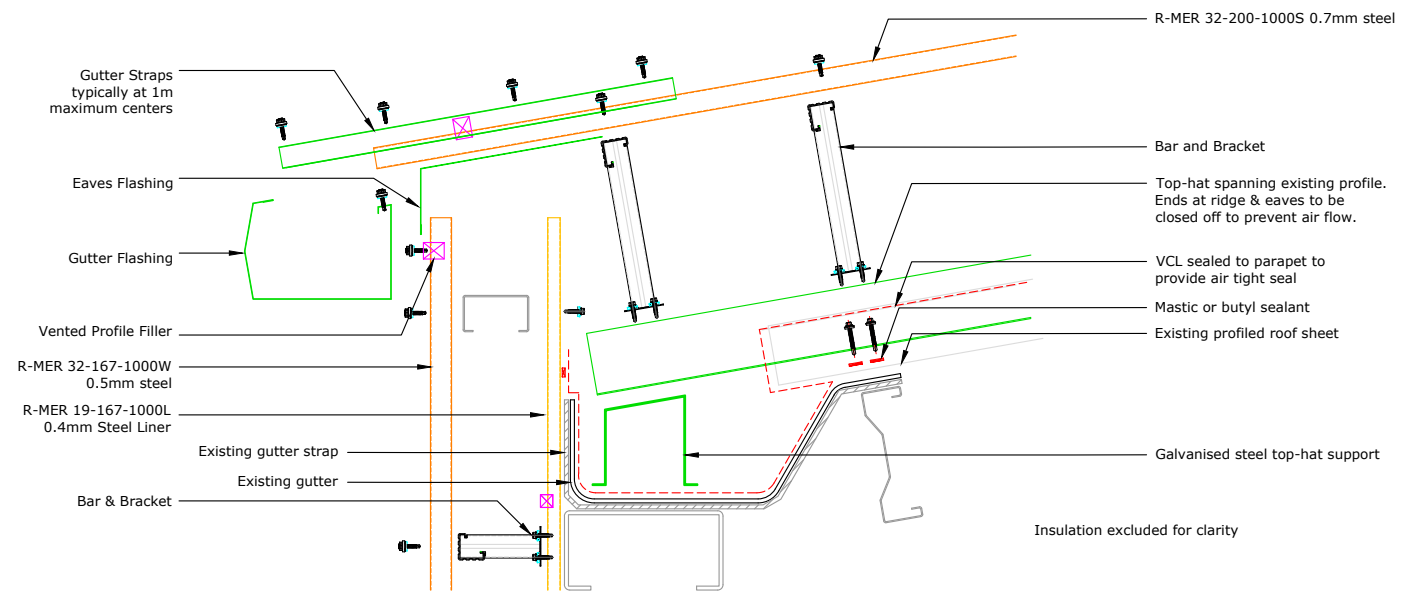
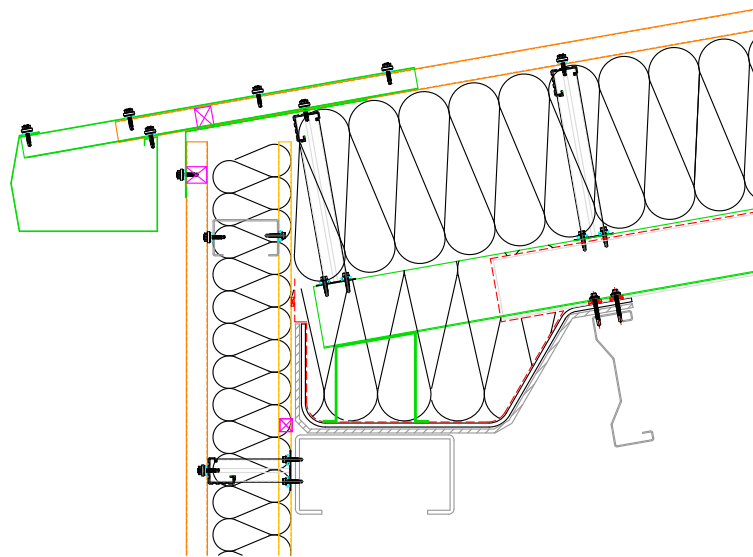
-

CHECKED.

1.0

REVISION.

NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY. TO BE USED IN CONJUNCTION WITH SPECIFICATION.



SITE:

DRAWING NO.

PROJECT NO.

01/05/2020  
DATE.



The Garland Company UK Limited  
 Second Way, Avonmouth, Bristol, BS11 8DF  
 Tel: 01174 401050 Fax: 01174 401057  
 www.garlandukltd.co.uk

TITLE:  
**R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - EAVES GUTTER**

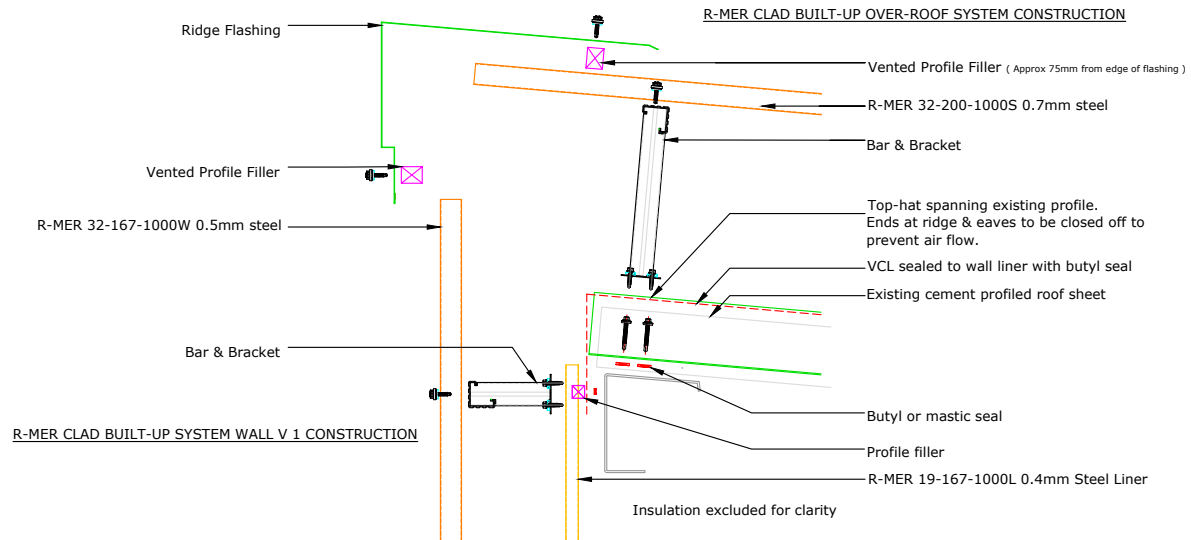
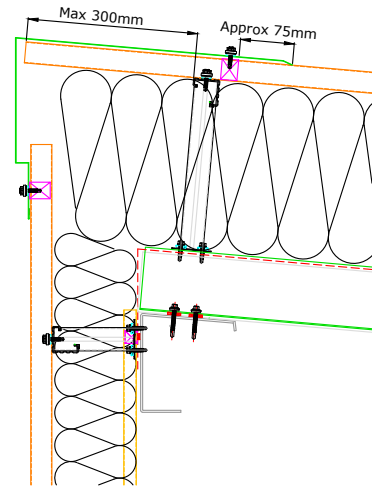
NTS  
 SCALE AT A4.


MF  
 DRAWN.

-  
 CHECKED.

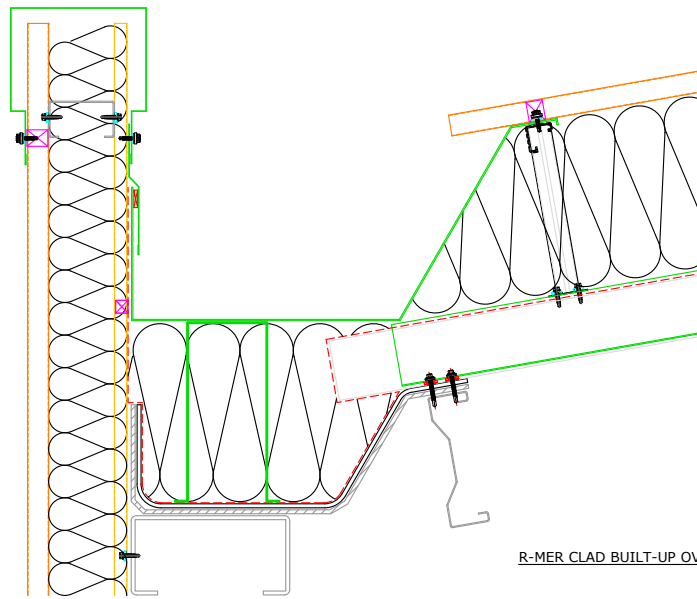
1.0  
 REVISION.

NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY.  
 TO BE USED IN CONJUNCTION WITH SPECIFICATION.

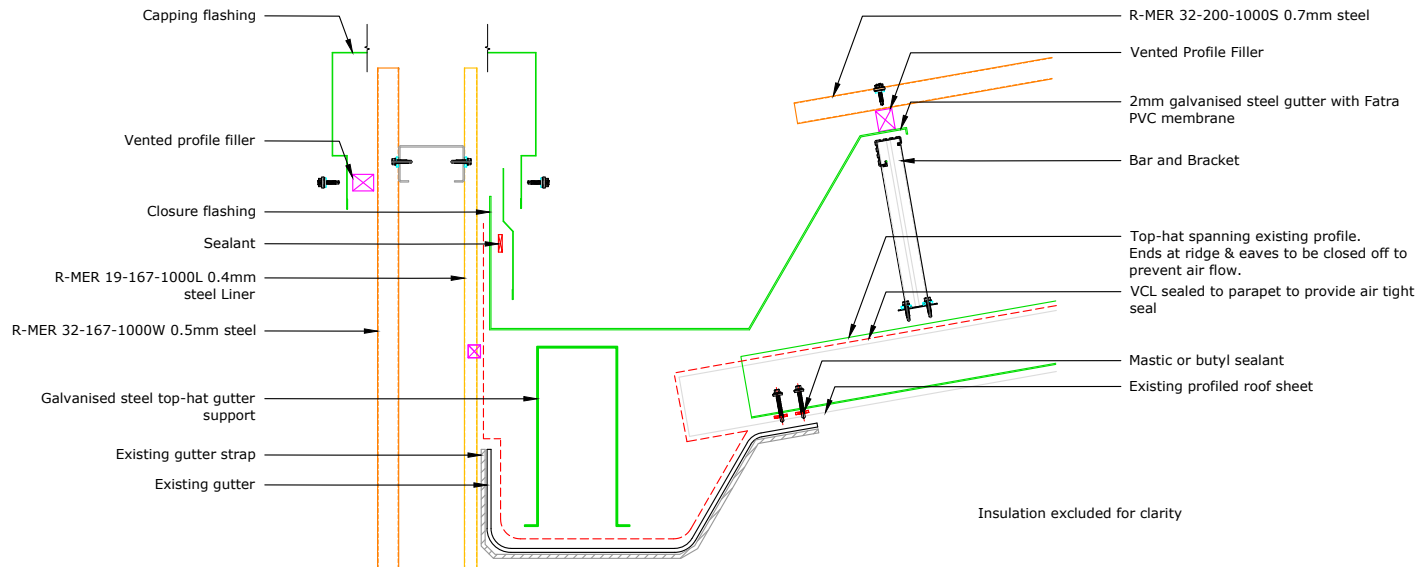


SITE:	DRAWING NO.	-	PROJECT NO.	01/05/2020		The Garland Company UK Limited Second Way, Avonmouth, Bristol, BS11 8DF Tel: 01174 401050 Fax: 01174 401057 www.garlandukltd.co.uk
TITLE:	NTS	MF	-	1.0		
R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - MONO RIDGE	SCALE AT A4.	DRAWN.	CHECKED.	REVISION.	NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY. TO BE USED IN CONJUNCTION WITH SPECIFICATION.	




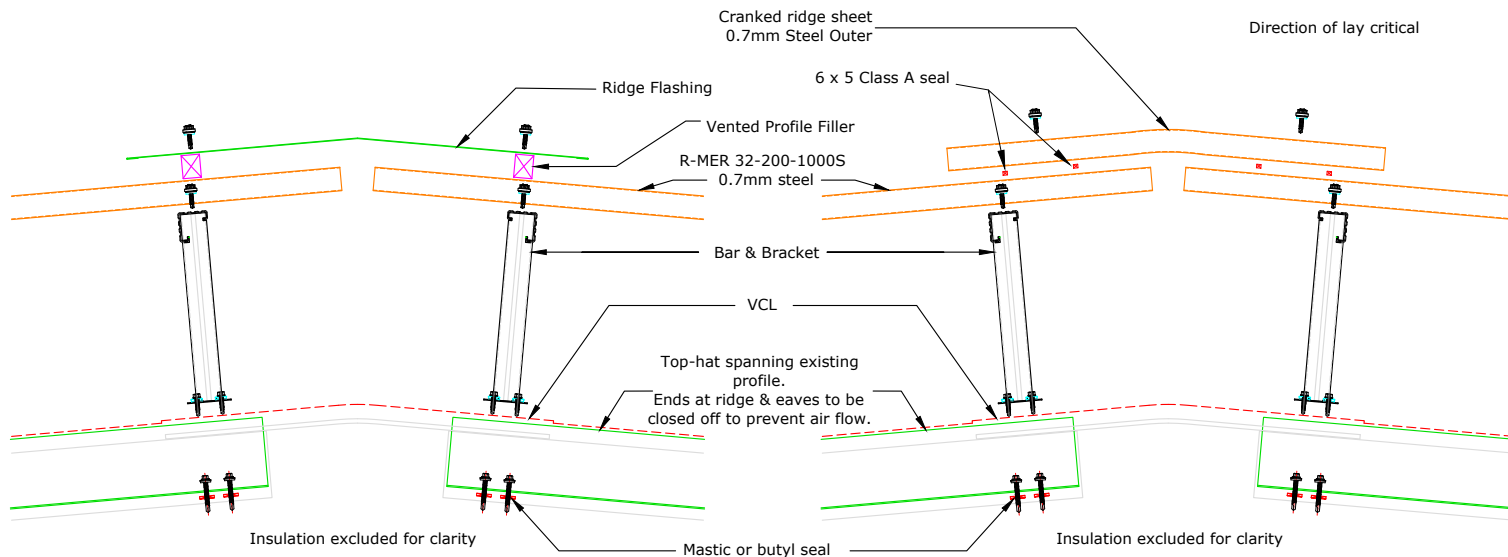
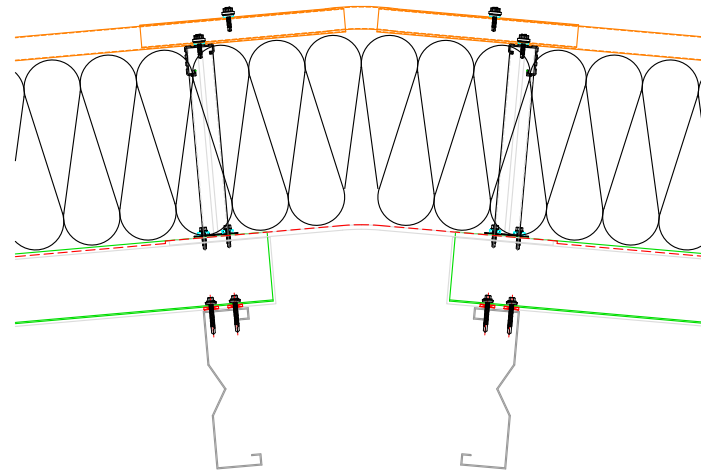
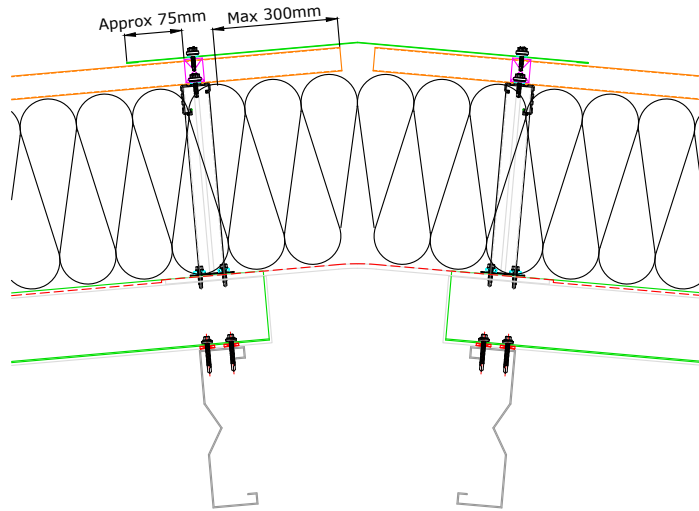


R-MER CLAD BUILT-UP OVER-ROOF SYSTEM ROOF CONSTRUCTION



Insulation excluded for clarity

SITE:	DRAWING NO. NTS		PROJECT NO. -	DATE. 01/05/2020		The Garland Company UK Limited Second Way, Avonmouth, Bristol, BS11 8DF Tel: 01174 401050 Fax: 01174 401057 www.garlandukltd.co.uk
TITLE: R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - PARAPET GUTTER	SCALE AT A4. NTS	DRAWN. MF	CHECKED. -	REVISION. 1.0		NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY. TO BE USED IN CONJUNCTION WITH SPECIFICATION.



SITE:

DRAWING NO.

PROJECT NO.

01/05/2020

DATE.



The Garland Company UK Limited  
 Second Way, Avonmouth, Bristol, BS11 8DF  
 Tel: 01174 401050 Fax: 01174 401057  
 www.garlandukltd.co.uk

TITLE:

R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - RIDGE

NTS

SCALE AT A4.

MF

DRAWN.

-

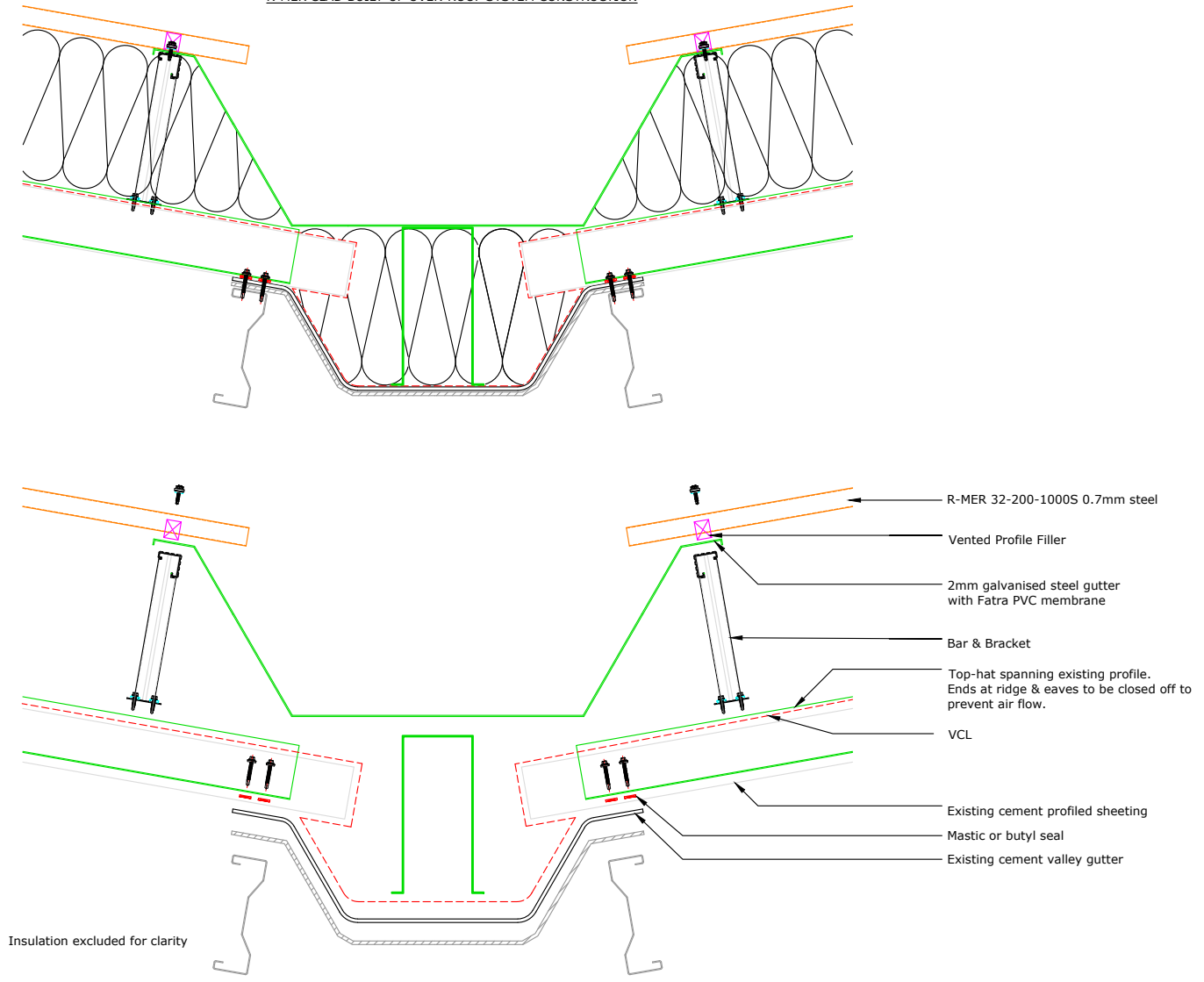
CHECKED.

1.0

REVISION.


NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY.  
 TO BE USED IN CONJUNCTION WITH SPECIFICATION.

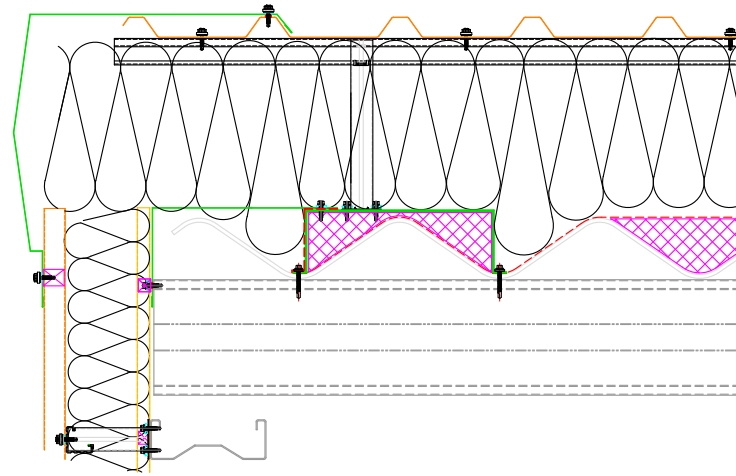
R-MER CLAD BUILT-UP OVER-ROOF SYSTEM CONSTRUCTION



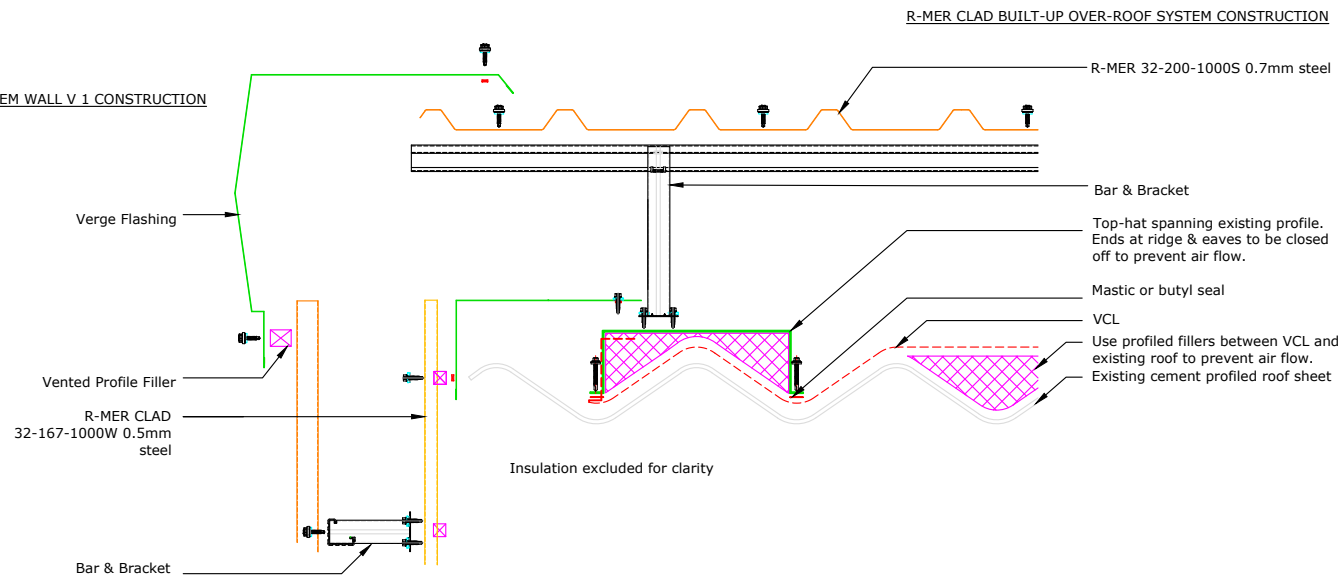
- ← R-MER 32-200-1000S 0.7mm steel
- ← Vented Profile Filler
- ← 2mm galvanised steel gutter with Fatra PVC membrane
- ← Bar & Bracket
- ← Top-hat spanning existing profile. Ends at ridge & eaves to be closed off to prevent air flow.
- ← VCL
- ← Existing cement profiled sheeting
- ← Mastic or butyl seal
- ← Existing cement valley gutter

Insulation excluded for clarity

SITE:	DRAWING NO.		-	01/05/2020		The Garland Company UK Limited Second Way, Avonmouth, Bristol, BS11 8DF Tel: 01174 401050 Fax: 01174 401057 www.garlandukltd.co.uk
TITLE: R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - VALLEY GUTTER	NTS SCALE AT A4.	MF DRAWN.	-	1.0 REVISION.		NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY. TO BE USED IN CONJUNCTION WITH SPECIFICATION.



R-MER CLAD BUILT-UP SYSTEM WALL V 1 CONSTRUCTION



R-MER CLAD BUILT-UP OVER-ROOF SYSTEM CONSTRUCTION

SITE:

DRAWING NO.

PROJECT NO.

01/05/2020

DATE.



The Garland Company UK Limited  
 Second Way, Avonmouth, Bristol, BS11 8DF  
 Tel: 01174 401050 Fax: 01174 401057  
 www.garlandukltd.co.uk

TITLE:

R-MER CLAD BUILT-UP OVER-ROOF SYSTEM - VERGE

NTS

SCALE AT A4.

MF

DRAWN.

-

CHECKED.

1.0

REVISION.

NOTE: THIS DRAWING IS FOR GUIDANCE AND REFERENCE ONLY.  
 TO BE USED IN CONJUNCTION WITH SPECIFICATION.