

# ZEDPOWER Roof 2021\_Order Schedule & Instruction

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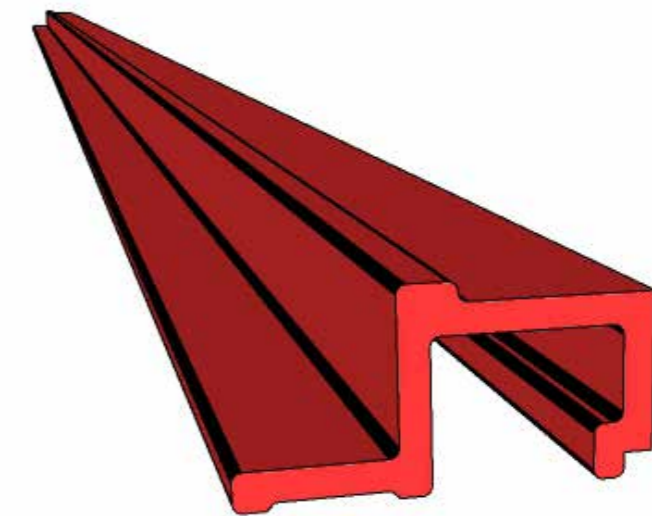
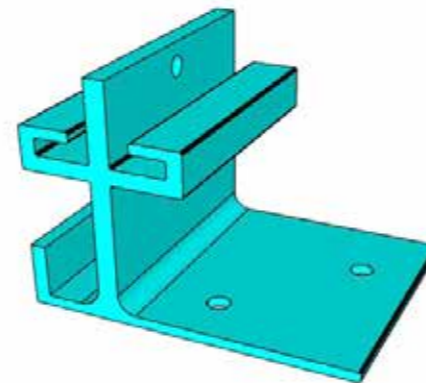
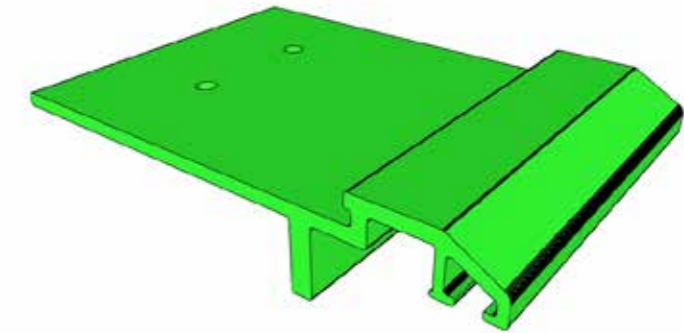
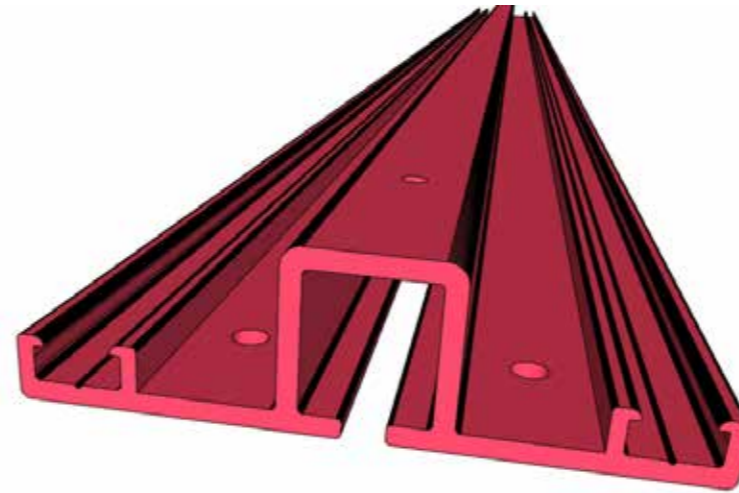
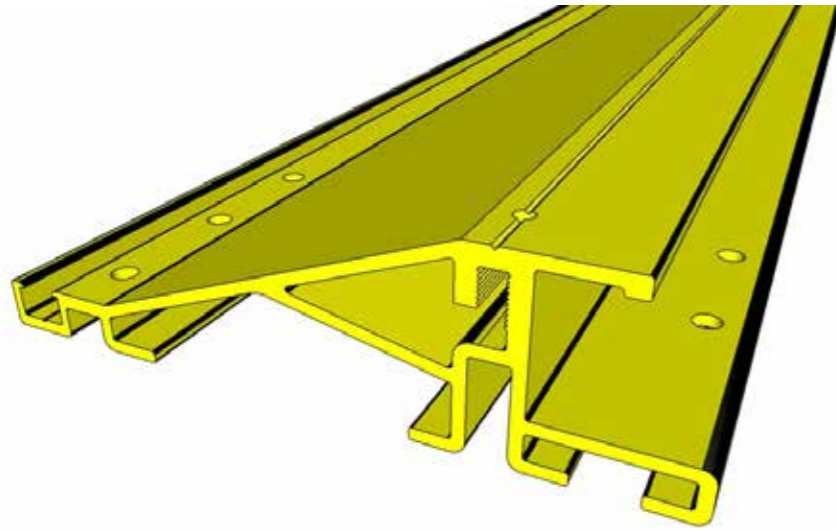
ZEDROOF Order Schedule							
Date: 02/03/2021							
		Image	Length	Quantity_Barnard	Quantity_Watton Road	Quantity_Fulford Woking	Quantity_Total
Extrusion	Extrusion1		5166mm	16	28	8	52
	Extrusion2		1017mm	56	96	24	176
	Extrusion3		50mm	114	216	54	384
	Extrusion4		50mm	0	0	4	4
	Extrusion5		50mm	64	112	32	208
	Extrusion6		1614mm	0	0	0	0
		Image	Size	Length_Barnard(m)	Length_Watton Road(m)	Length_Fulford Woking(m)	Length_Total(m)
Gasket	Gasket1		8x10mm	113.904	195.264	48.816	357.984
	Gasket2		20x23mm	82.656	144.648	41.328	268.632
	Gasket3		13x23mm	5.7	10.8	2.7	19.2
	Gasket4		9x17mm	82.656	144.648	41.328	268.632
			Size	Quantity_Barnard	Quantity_Watton Road	Quantity_Fulford Woking	Quantity_Total
Panel	Solar Panel		1658x992x6mm	38	72	15	125
	Clear Panel		1658x992x6mm	0	0	0	0
			Size	Quantity_Barnard	Quantity_Watton Road	Quantity_Fulford Woking	Quantity_Total
Window	Velux Window		882x1634mm?	4	0	0	4
			Size	Quantity_Barnard	Quantity_Watton Road	Quantity_Fulford Woking	Quantity_Total
Inless Steel Screws & Fix	Screw A		4.2mmx9.5mm	224	384	96	704
	Screw B		3mmx6.5mm	392	744	198	1334
	Screw C		4.5mmx35mm	128	224	64	416
	Screw D		3mmx13mm	114	162	82	358
			Size	Quantity_Barnard	Quantity_Watton Road	Quantity_Fulford Woking	Quantity_Total
Flashing	Ridge Flashing			2	4	0	6
	Eaves Flashing			2	4	0	6
	Junction Flashing			1	2	0	3
	Verge Flashing			2	4	0	6

Cost Calculation							
	Items	Total Cost	Barnard	Watton Road	Fulford Woking		
Extrusion	manufacture	18300	5618	9845	2837		
	BRE Testing	12000	3684	6456	1860		
Fixings		1500	460	807	233		
Gaskets		5568	1709	2996	863		
Solar Panels		10416	3167	5999	1250		
Installation		12000	3684	6456	1860		
Electrician&Wiring		9000	2763	4842	1395		
Battery&Inverter		27000	8289	14526	4185		
<b>Total Cost</b>		<b>95784</b>	<b>29374</b>	<b>51927</b>	<b>14483</b>		
			£14687/house	£12981/house	£14483/house		

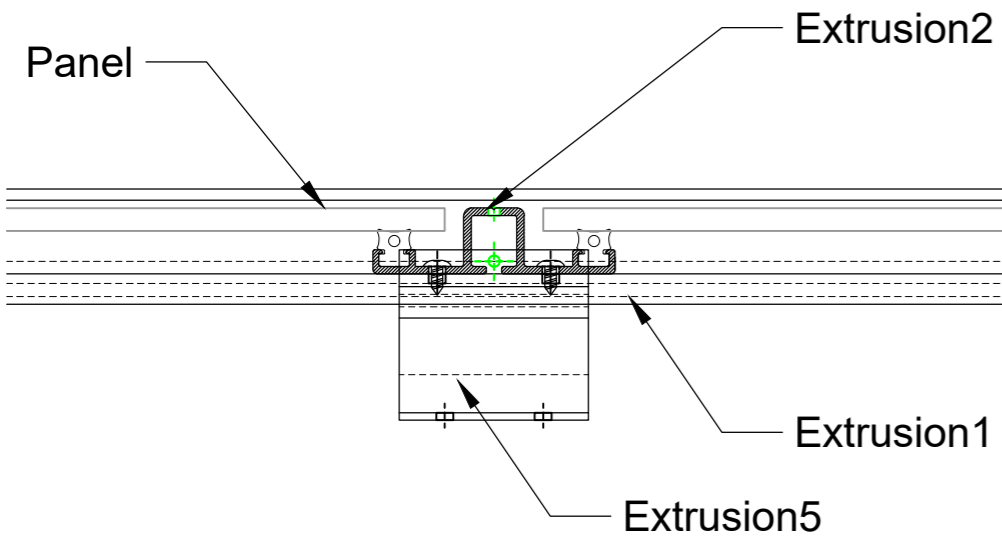
Note:

- The Extrusion cost (£18300) is calculated based on the old order shedule, which may be a little different with the real figures.
- The Extrusion cost (£18300) includes dies, extrusion, fixtures, painting, processing and delivery.
- The Gasket cost (£5568) is calculated based on the old order shedule, which may be a little different with the real figures.
- solar panels' price needs to be updated
- The total cost of Barnard House doesn't include the velux window

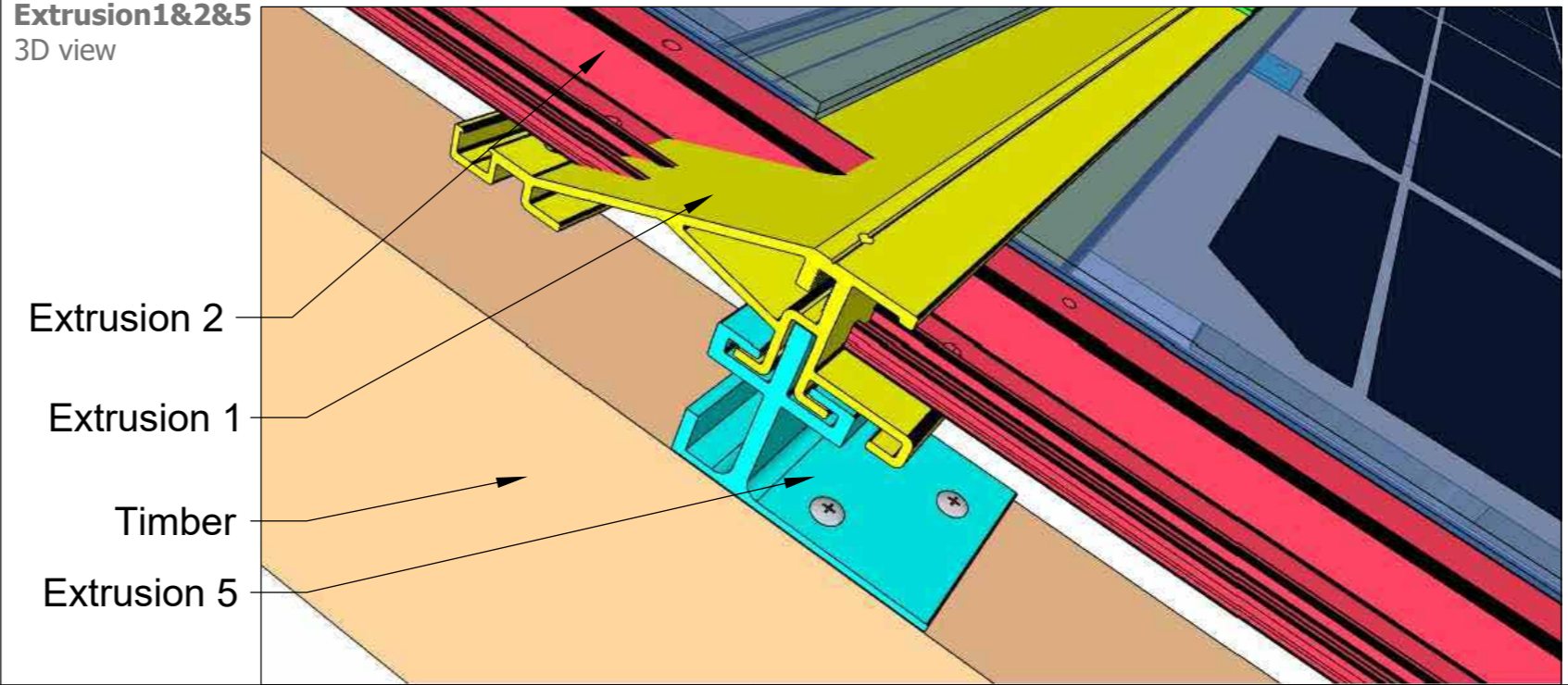
# 1. Aluminium Extrusions



**Extrusion1&2**  
Section view(Scale 1:2@A3)



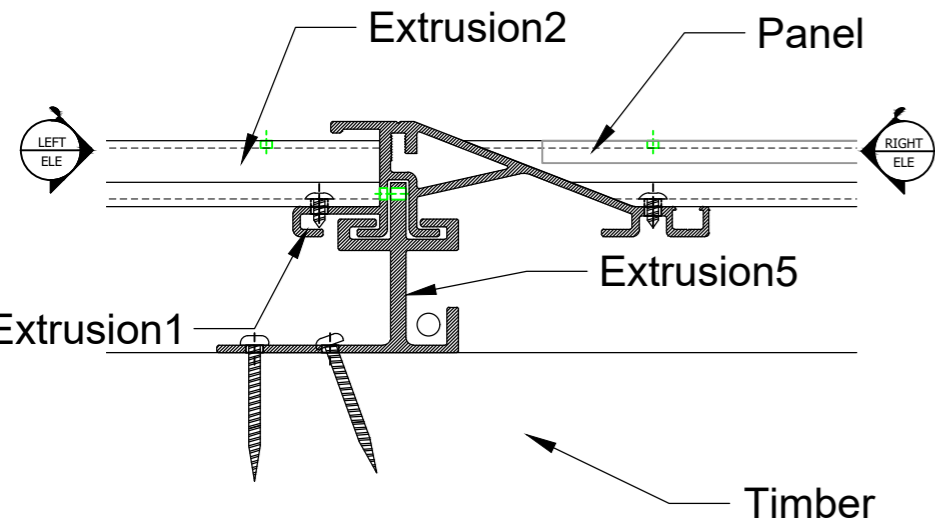
**Extrusion1&2&5**  
3D view



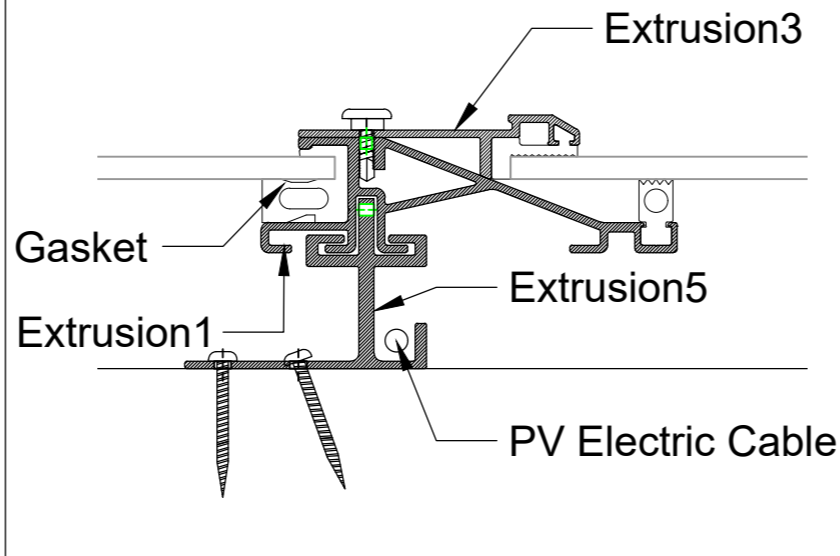
**Revisions Table**

Rev	Date	Amendments
A	25/11/2020	
B	30/11/2020	
C	11/12/2020	
D	16/12/2020	
E	23/12/2020	
F	06/01/2021	

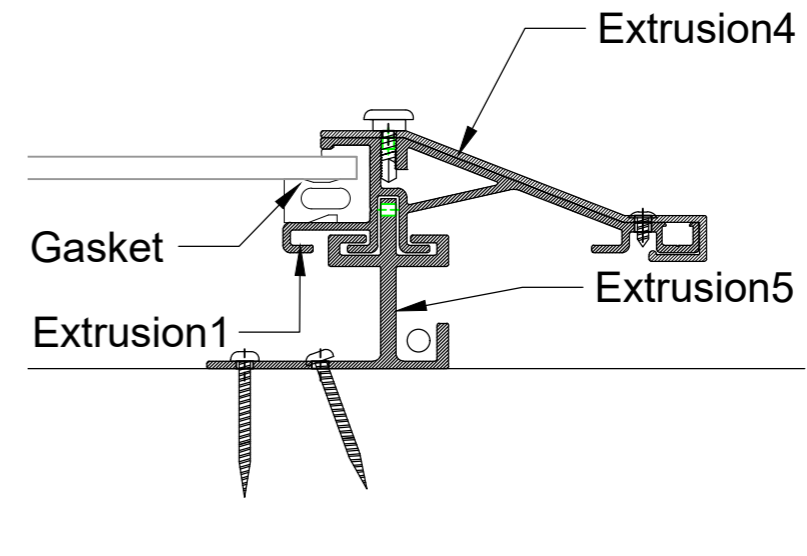
**Extrusion1&2&5**  
Section view(Scale 1:2@A3)



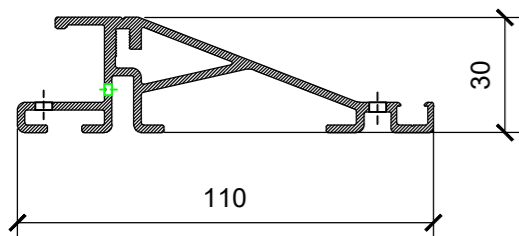
**Extrusion1&3&5**  
Section view(Scale 1:2@A3)



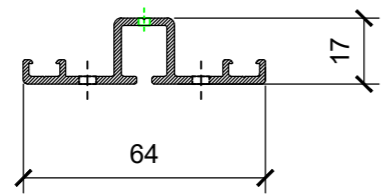
**Extrusion1&4&5**  
Section view(Scale 1:2@A3)



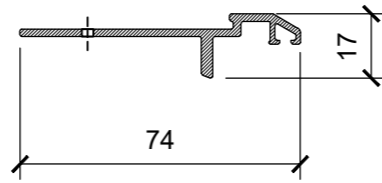
**Extrusion1**  
Section view(Scale 1:2@A3)



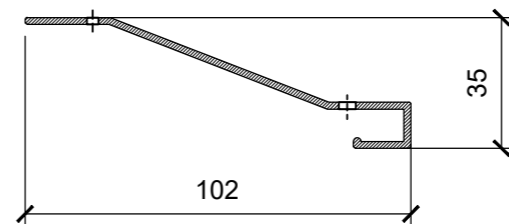
**Extrusion2**  
Section view(Scale 1:2@A3)



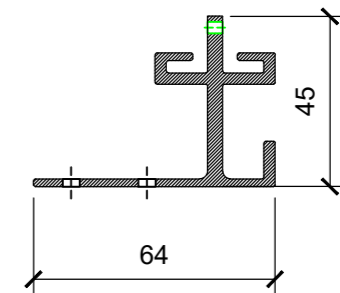
**Extrusion3**  
Section view(Scale 1:2@A3)



**Extrusion4**  
Section view(Scale 1:2@A3)



**Extrusion5**  
Section view(Scale 1:2@A3)



Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title:  
Extrusion List

ISSUED FOR:	drawn by:	checked by:
INFORMATION	TD	BD

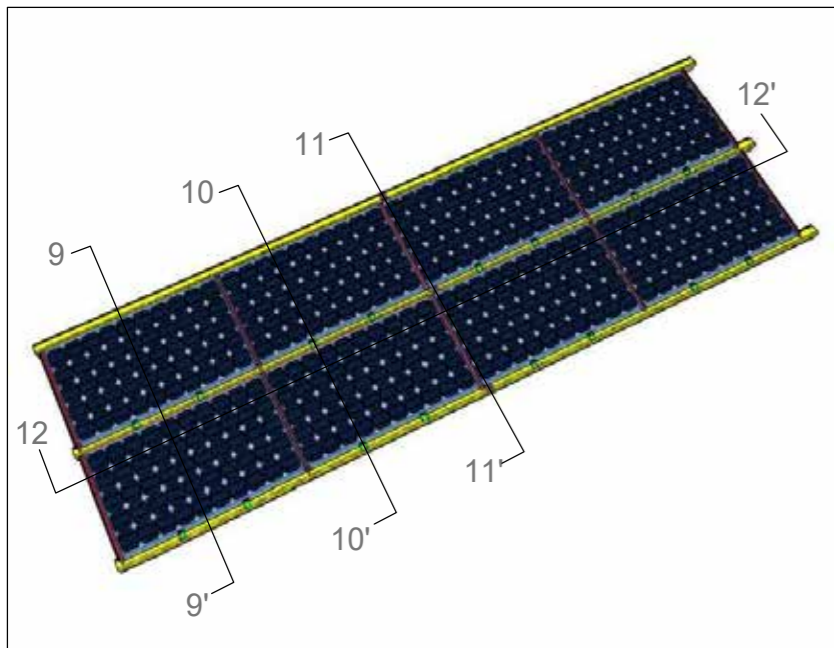
Drawing Number: ZR / 9 / 001  
Rev. F

Created: 20/08/2020  
Scale: 1:1 @ A3

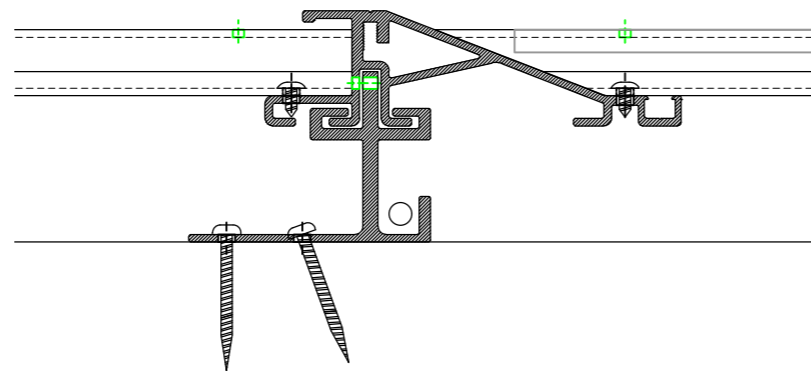
**ZEDpower**  
ZEDpower, 21 Sandmartin Way, London SM6 7DF  
T 020 8404 1380 F 020 8404 2039  
E mail@zed-power.com  
www.zed-power.com

Do not scale, use figured dimensions only. Unless stated otherwise, these drawings represent design intent only and approved assembly drawings will be required from the Trade Contractor prior to any work and /or procurement being undertaken

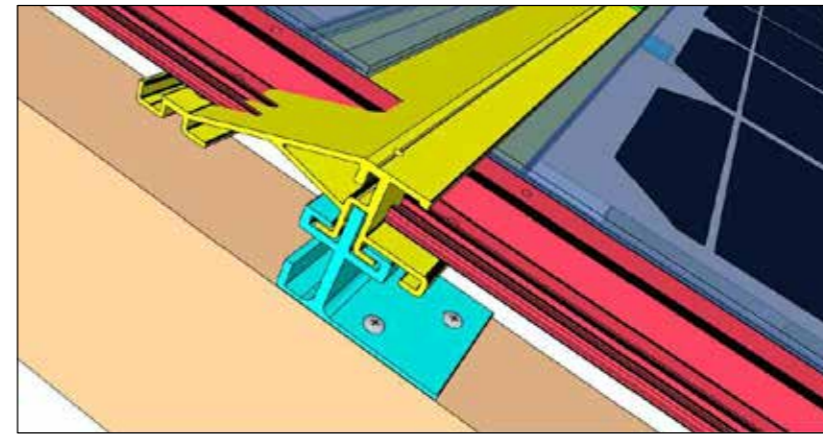
**ZED Power Roof 3d view**



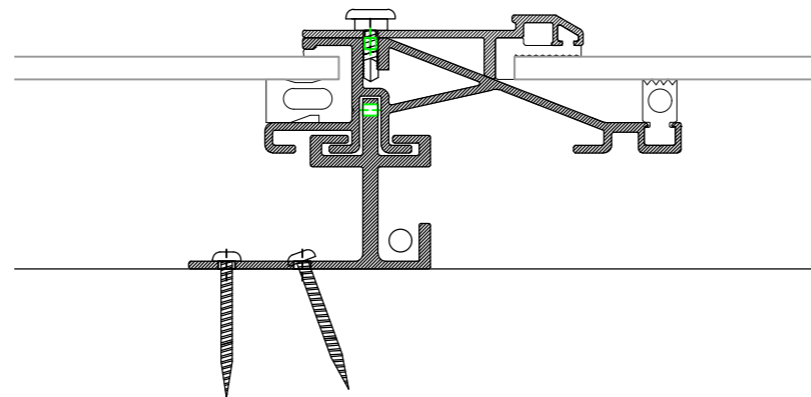
**Section9-9' (scale1:2@A3)**



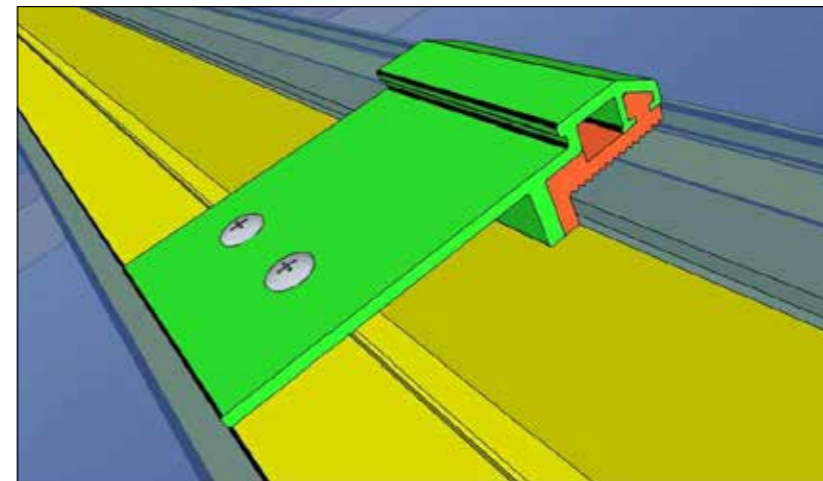
**Section9-9' 3d view**



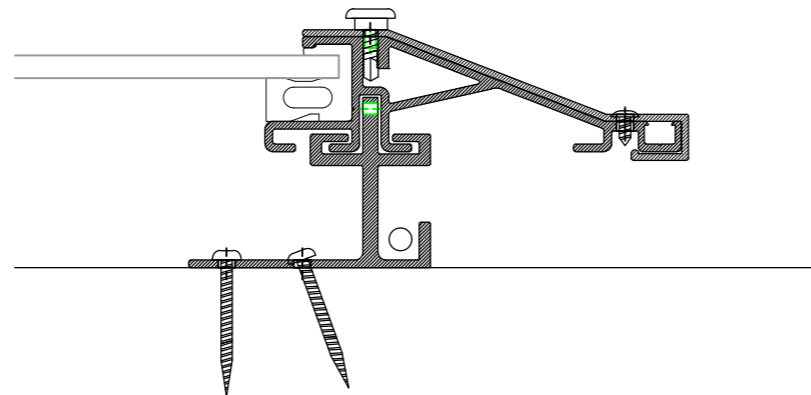
**Section10-10' (scale1:2@A3)**



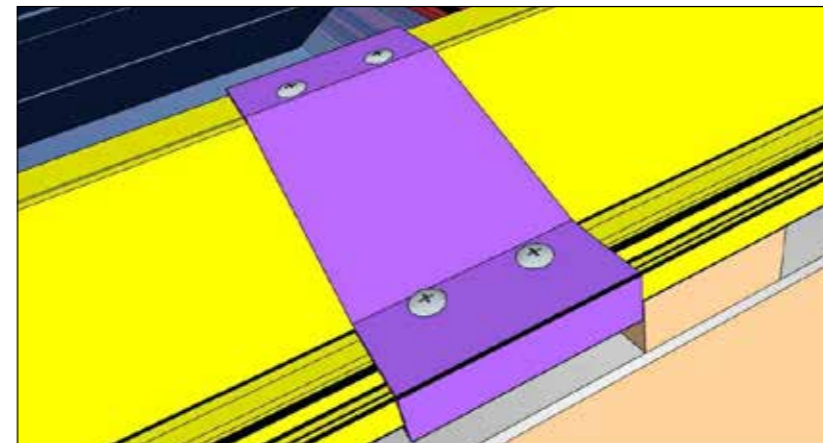
**Section10-10' 3d view**



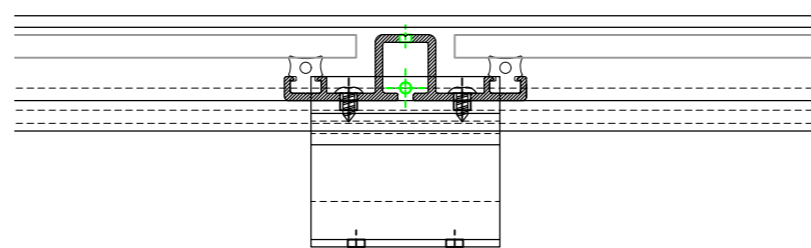
**Section11-11' (scale1:2@A3)**



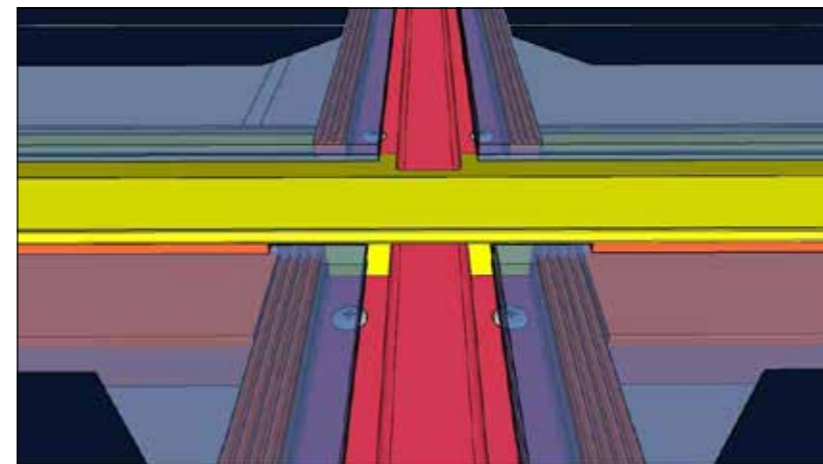
**Section11-11' 3d view**



**Section12-12' (scale1:2@A3)**



**Section12-12' 3d view**



**Revisions Table**

Rev	Date	Amendments
A	25/11/2020	
B	30/11/2020	
C	11/12/2020	
D	16/12/2020	
E	06/01/2021	

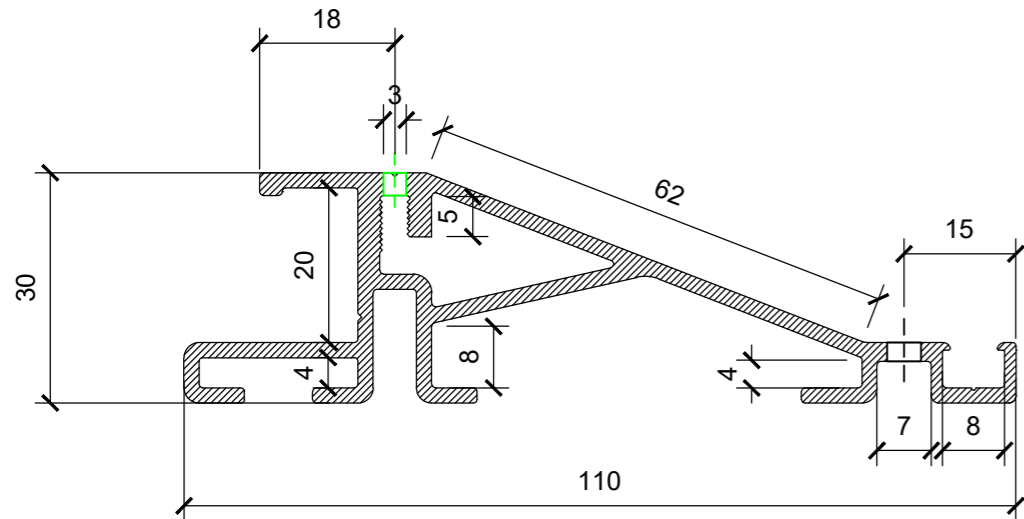
Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title: section details		
issued for: <b>INFORMATION</b>	drawn by: TD	checked by: BD
Drawing Number: <b>ZR / 9 / 010</b>	Rev. <b>E</b>	
Created: 20/08/2020	Scale: 1:1 @ A3	

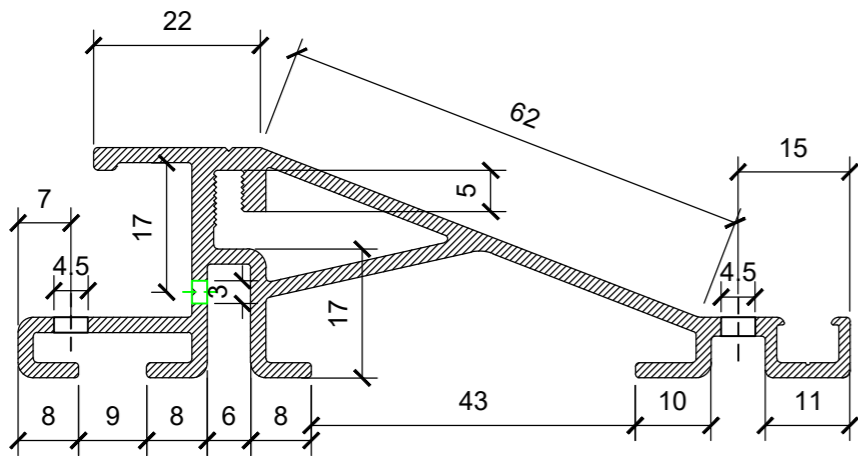
**ZEDpower**  
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T 020 8404 1380 F 020 8404 2039  
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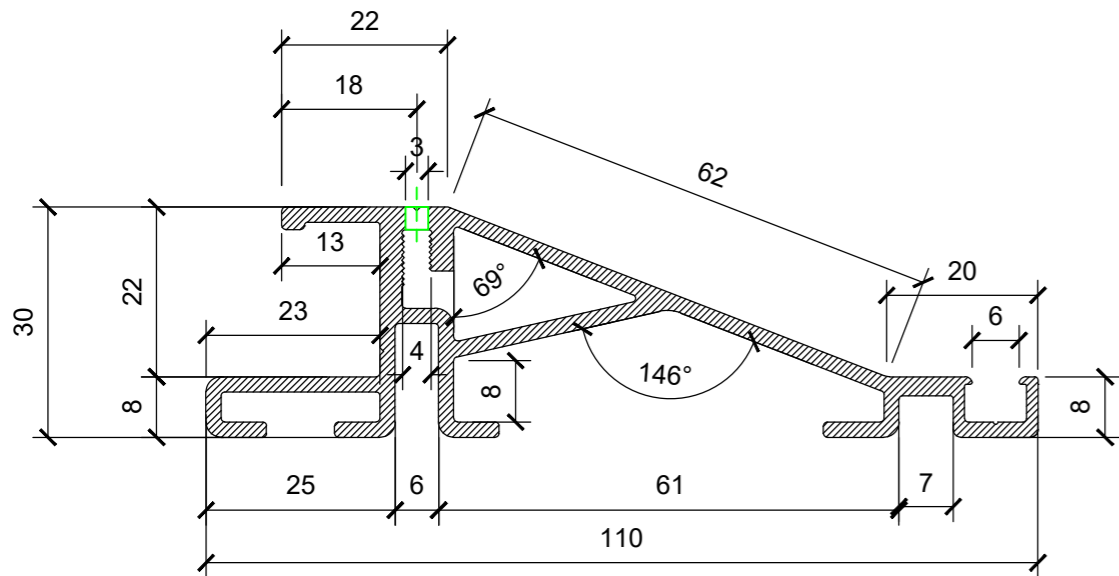
**Extrusion 1**  
Section 1-1' (Scale 1:1 @ A3)



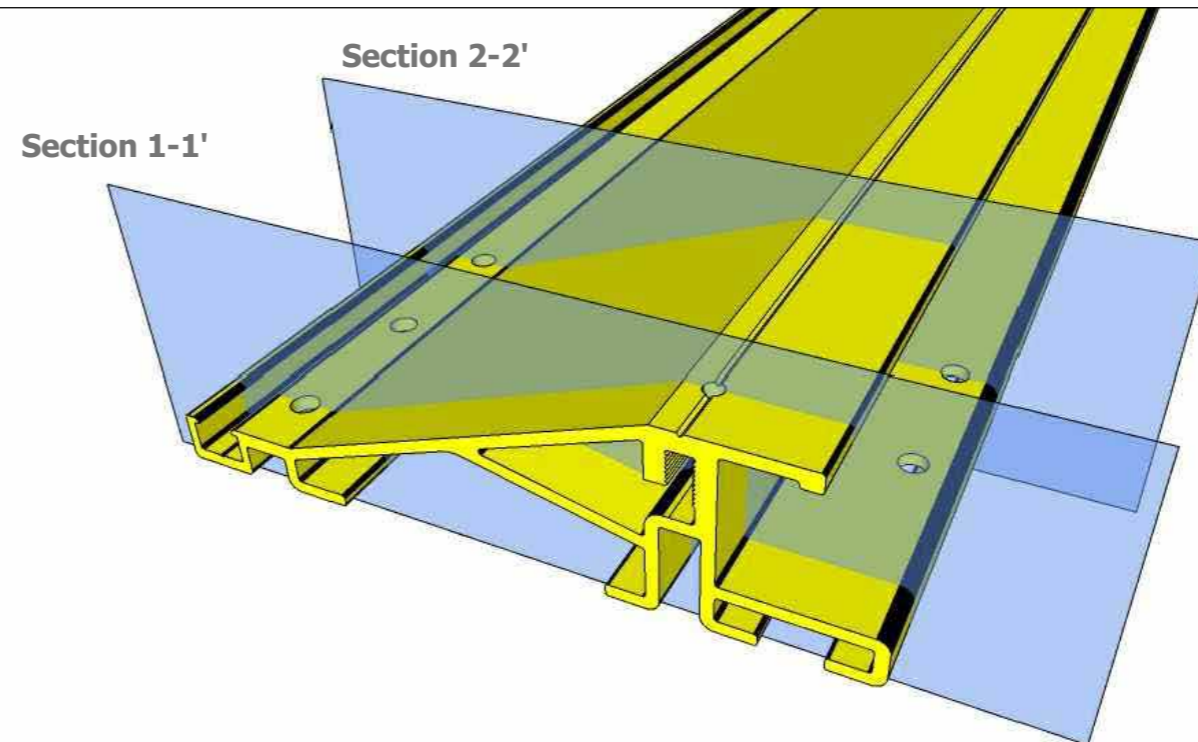
**Extrusion 1**  
Section 2-2' (Scale 1:1 @ A3)



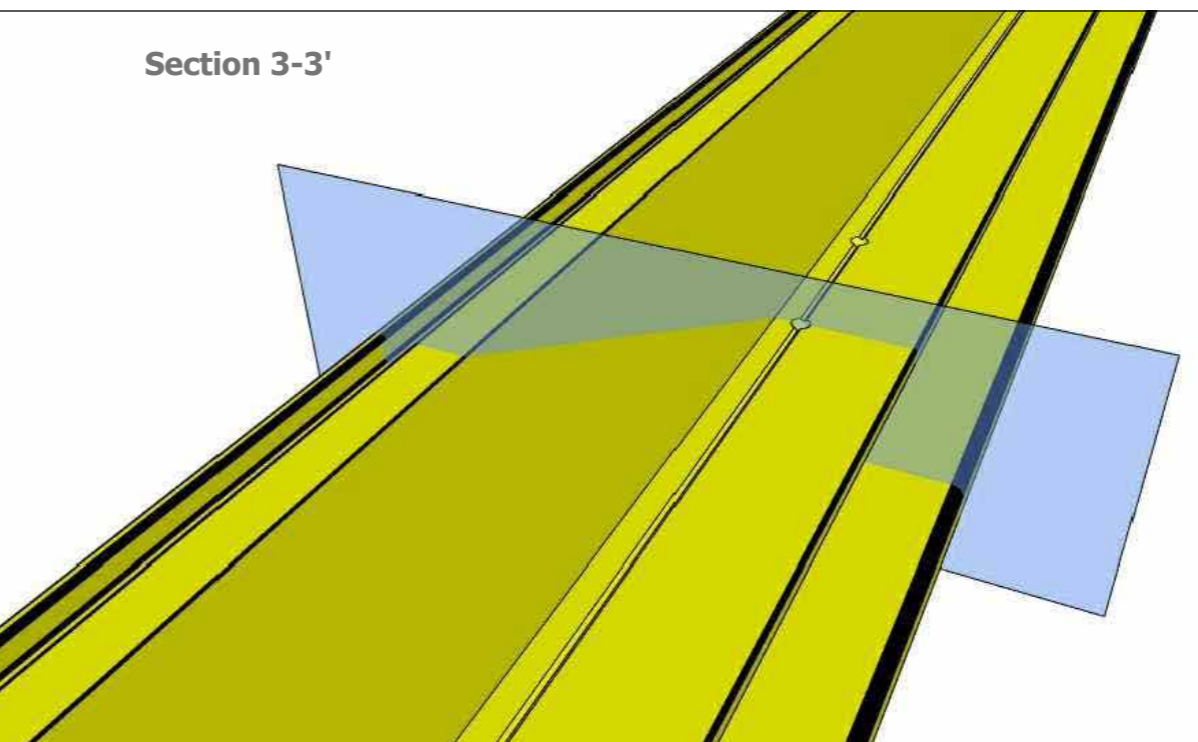
**Extrusion 1**  
Section 3-3' (Scale 1:1 @ A3)



**Extrusion 1**  
3d view



**Extrusion 1**  
3d view



**Revisions Table**

Rev	Date	Amendments
A	30/1 1/20 20	
B	11/1 2/20 20	

Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title:  
Extrusion 1\_Part 3

issued for:	drawn by:	checked by:
INFORMATION	TD	BD

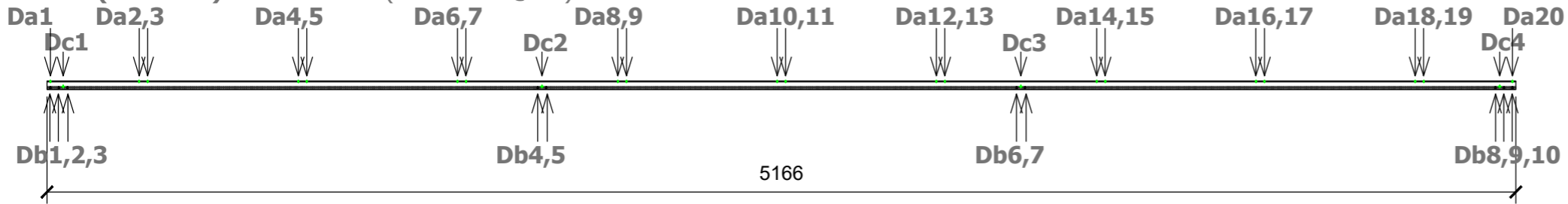
Drawing Number: ZR / 9 / 004  
Rev: B

Created: 20/08/2020  
Scale: 1:1 @ A3

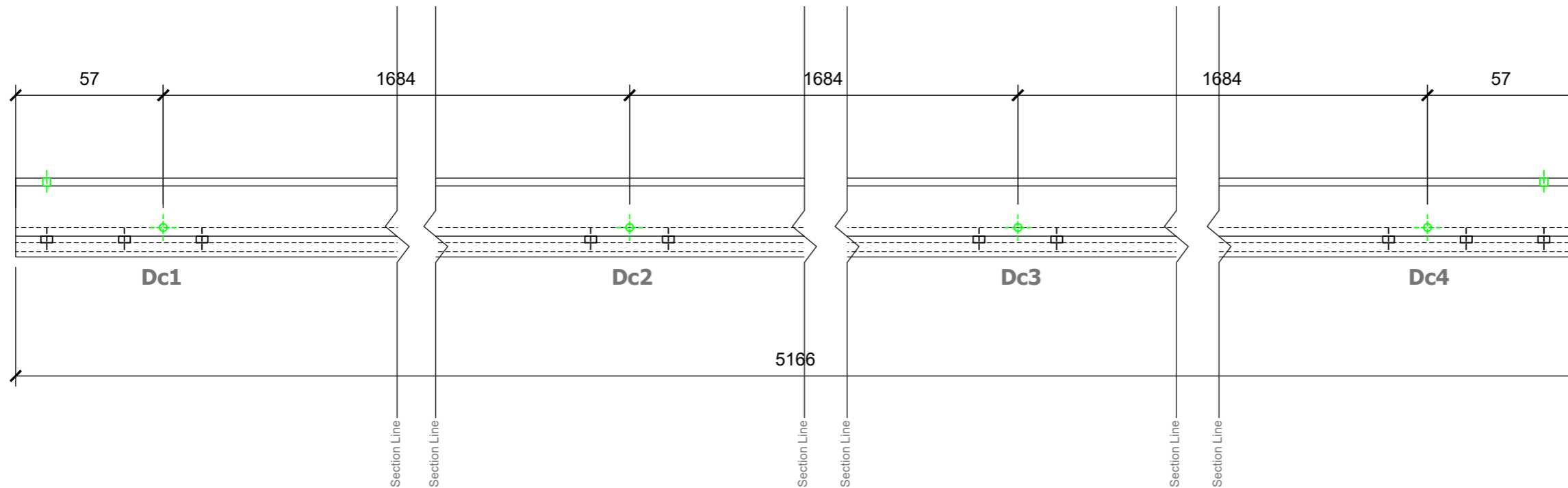
**ZEDpower**  
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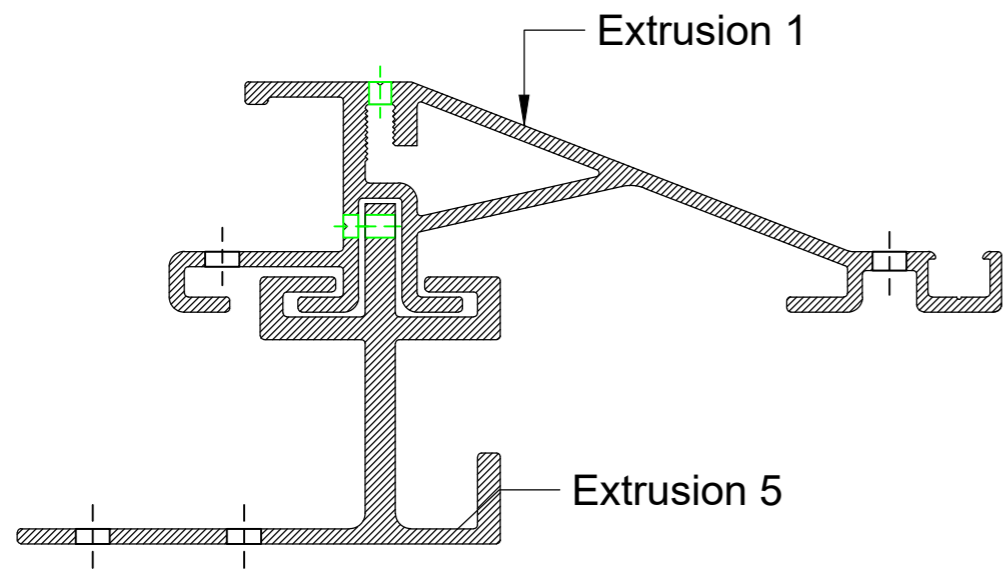
**Extrusion 1(5166mm) Left Elevation (Scale 1:20 @ A3)**



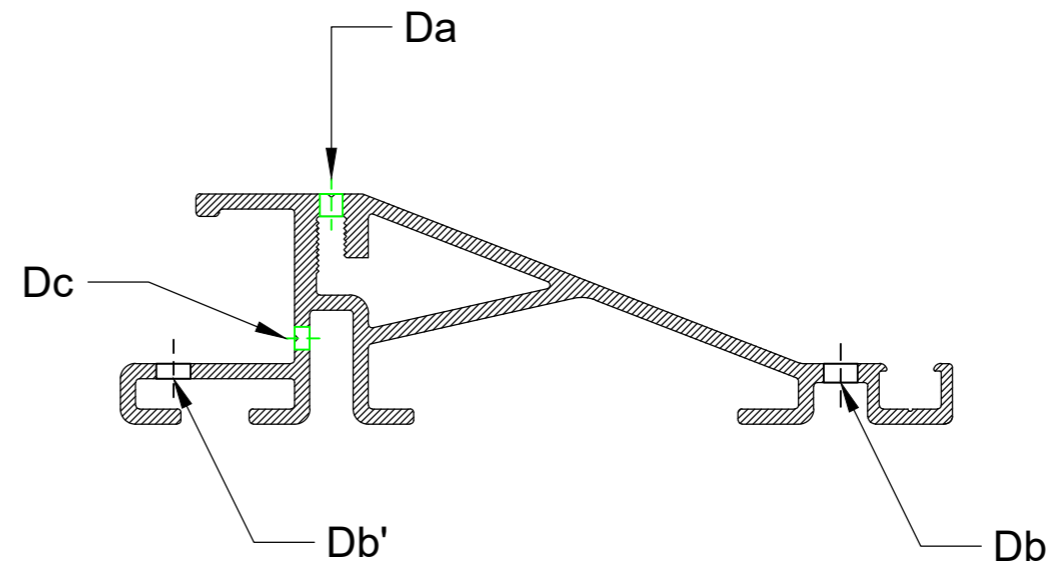
**Extrusion 1 Drill Type c Detail-Left Elevation (Scale 1:2 @ A3)**



**Extrusion 1 & 5 (Scale 1:1 @ A3)**



**Predrilled Holes on Extrusion 1 (Scale 1:1 @ A3)**



**Revisions Table**

Rev	Date	Amendments
A	06/01/2021	

- Da (Drill type a)**  
Dia. 3mm
- Db (Drill type b)**  
Dia. 4.5mm
- Dc (Drill type c)**  
Dia. 3mm

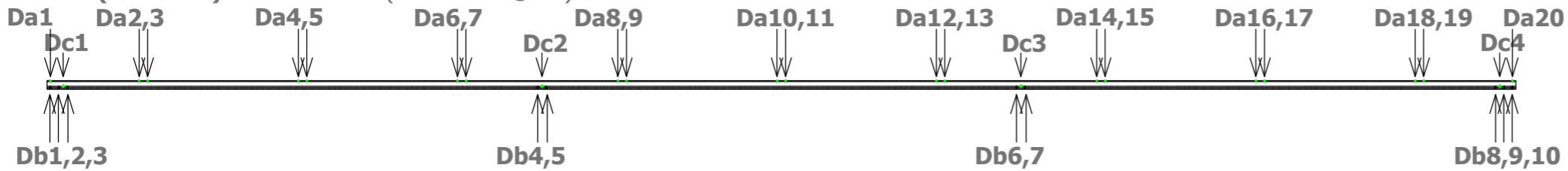
Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title: Extrusion 1_Part 1		
ISSUED FOR: INFORMATION	drawn by/ updated by: TD	checked by: BD
Drawing Number: ZR/ 9 / 002	Rev. A	
Created: 05/11/2020	Scale: 1:x @ A3	

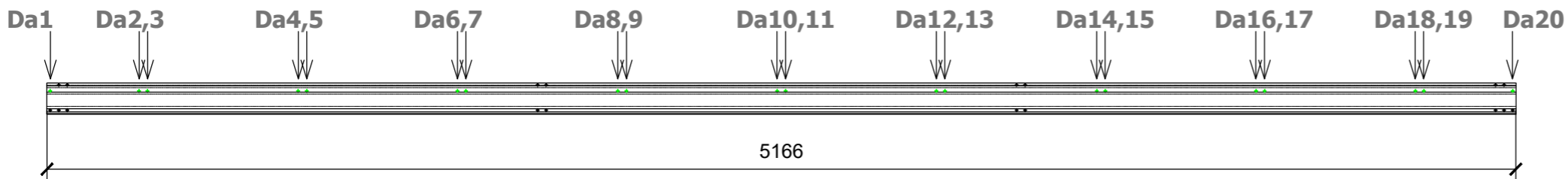
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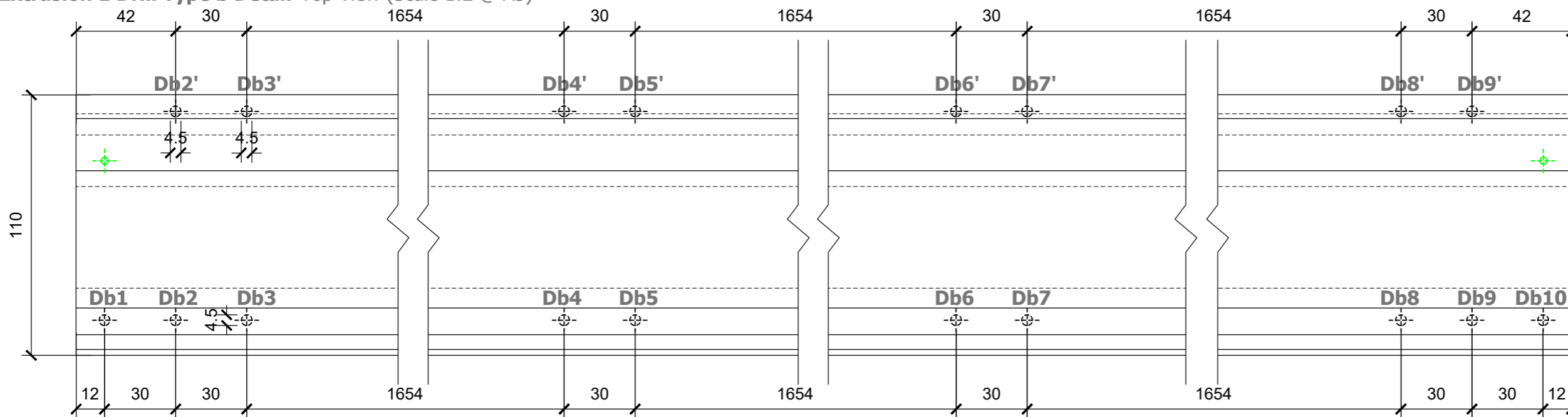
**Extrusion 1(5166mm) Left Elevation (Scale 1:20 @ A3)**



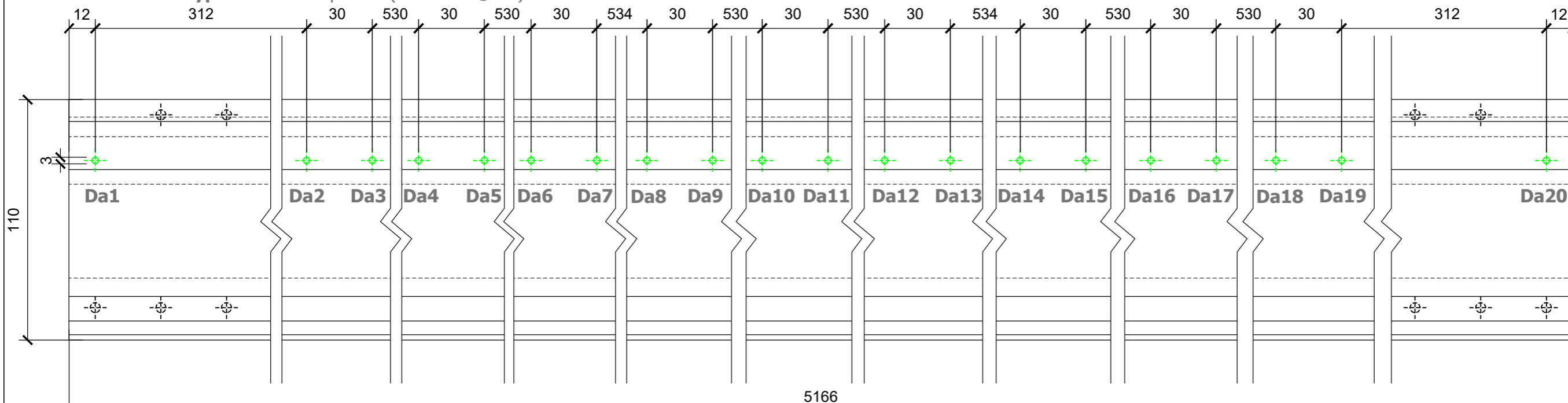
**Extrusion 1(5166mm) Top View (Scale 1:20 @ A3)**



**Extrusion 1 Drill Type b Detail-Top View (Scale 1:2 @ A3)**



**Extrusion 1 Drill Type a Detail-Top View (Scale 1:2 @ A3)**



**Revisions Table**

Rev	Date	Amendments
A	11/12/2020	
B	23/12/2020	
C	06/01/2021	

- Da (Drill type a)**  
Dia. 3mm
- Db (Drill type b)**  
Dia. 4.5mm
- Dc (Drill type c)**  
Dia. 3mm

Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title:  
Extrusion 1\_Part 2

ISSUED FOR:	drawn by:	checked by:
INFORMATION	TD	BD

Drawing Number: **ZR / 9 / 003** Rev. **C**

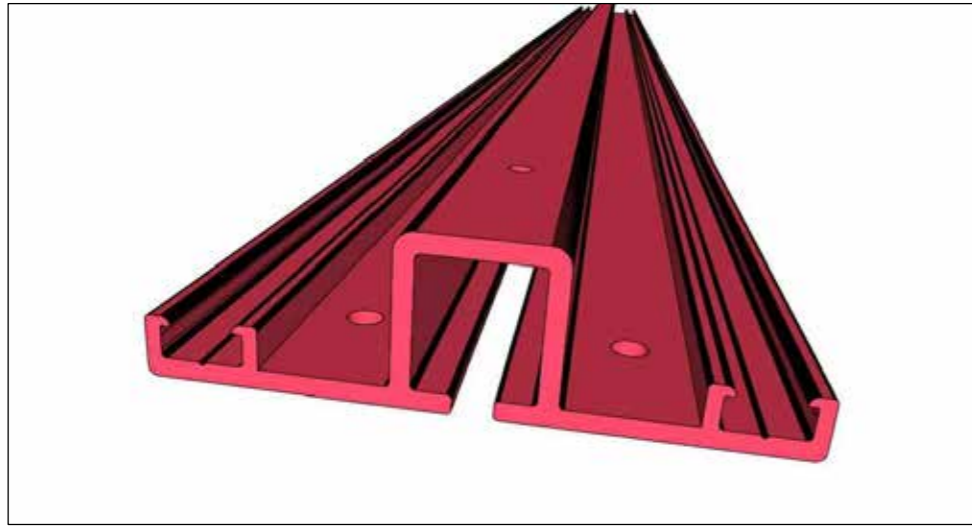
Created: 05/11/2020 Scale: 1:x @ A3

**ZEDpower**  
ZEDpower, 21 Sandmartin Way, London SM6 7DF  
T 020 8404 1380 F 020 8404 2039  
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www.zed-power.com

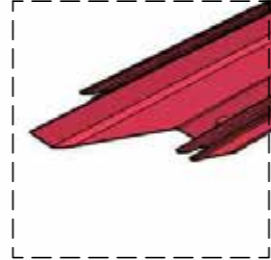
Do not scale, use figured dimensions only. Unless stated otherwise, these drawings represent design intent only and approved assembly drawings will be required from the Trade Contractor prior to any work and /or procurement being undertaken



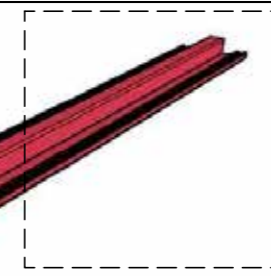
**Extrusion 2** 3d view



**Extrusion 2-End A**  
3d view



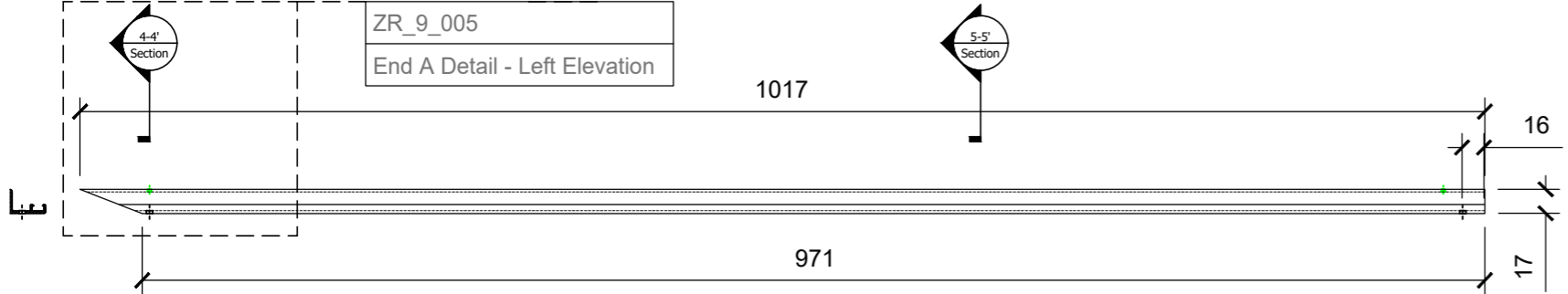
**Extrusion 2-End B**  
3d view



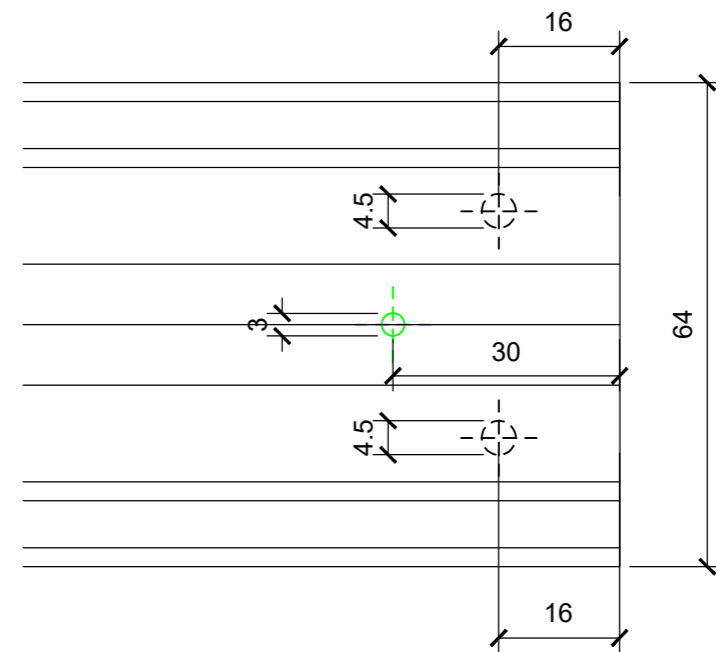
**Revisions Table**

Rev	Date	Amendments
A	11/12/2020	
B	14/12/2020	
C	23/12/2020	
D	06/01/2021	

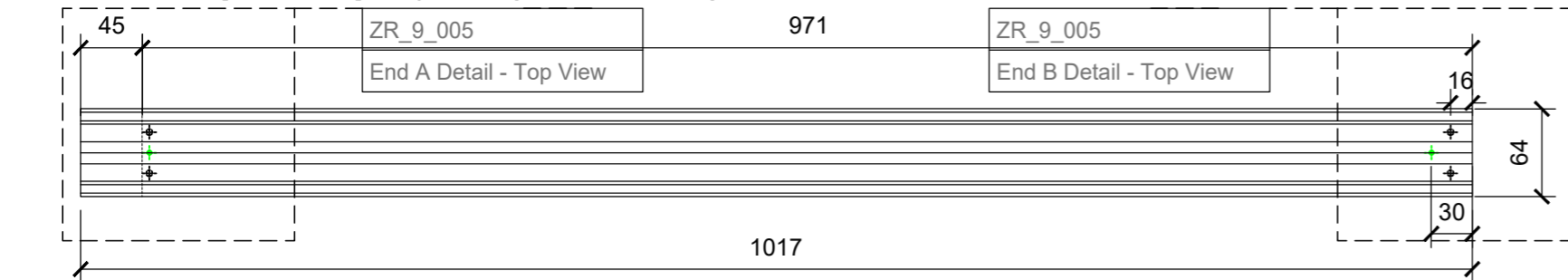
**Extrusion 2(1017mm)** Left Elevation (Scale 1:5 @ A3)



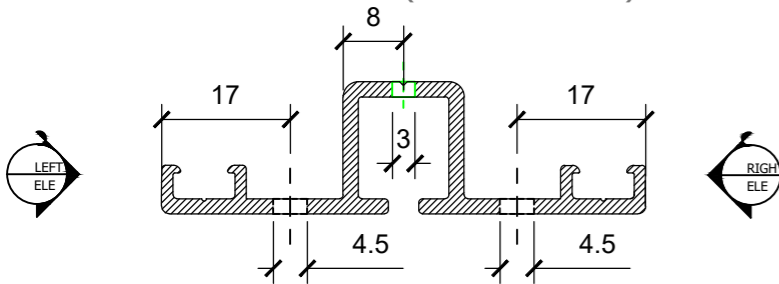
**Extrusion 2-End B** Top View (Scale 1:1 @ A3)



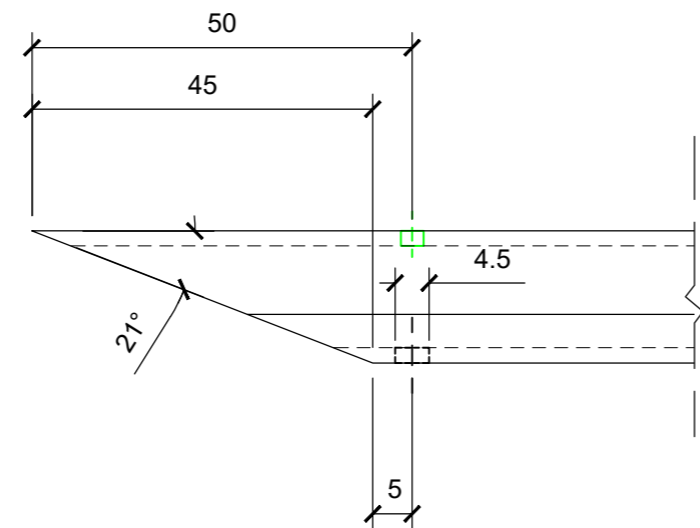
**Extrusion 2(1017mm)** Top View (Scale 1:5 @ A3)



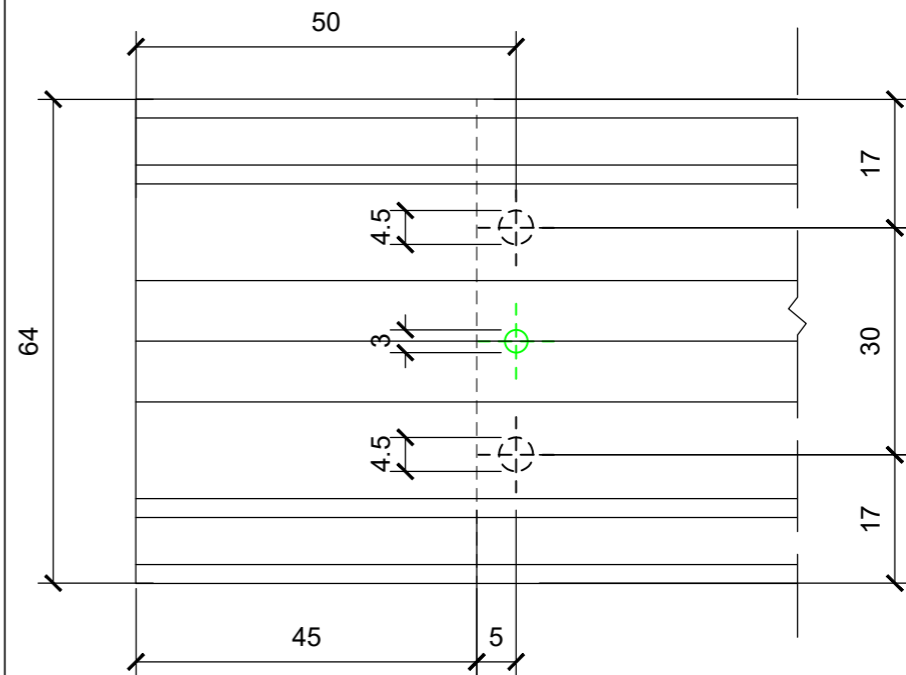
**Extrusion 2** Section4-4' (Scale 1:1 @ A3)



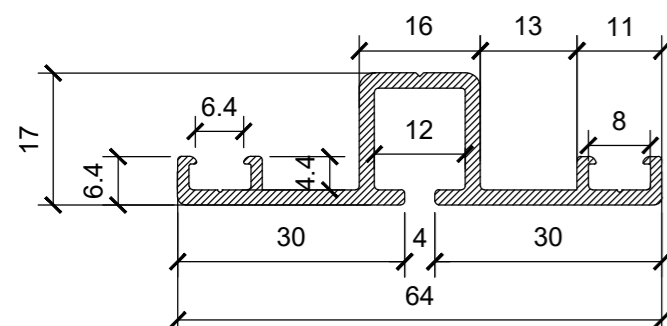
**Extrusion 2-End A** Left Elevation (Scale 1:1 @ A3)



**Extrusion 2-End A** Top View (Scale 1:1 @ A3)



**Extrusion 2** Section5-5' (Scale 1:1 @ A3)



Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title:  
Extrusion 2

ISSUED FOR:	drawn by:	checked by:
INFORMATION	TD	BD

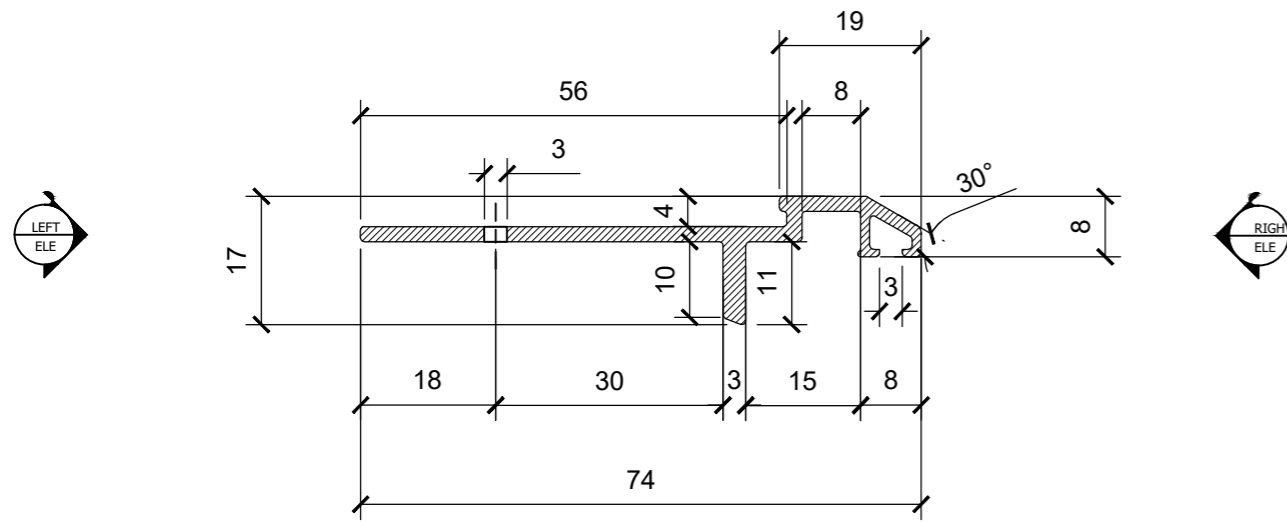
Drawing Number: ZR/ 9 / 005  
Rev. D

Created: 20/08/2020  
Scale: 1:1 @ A3

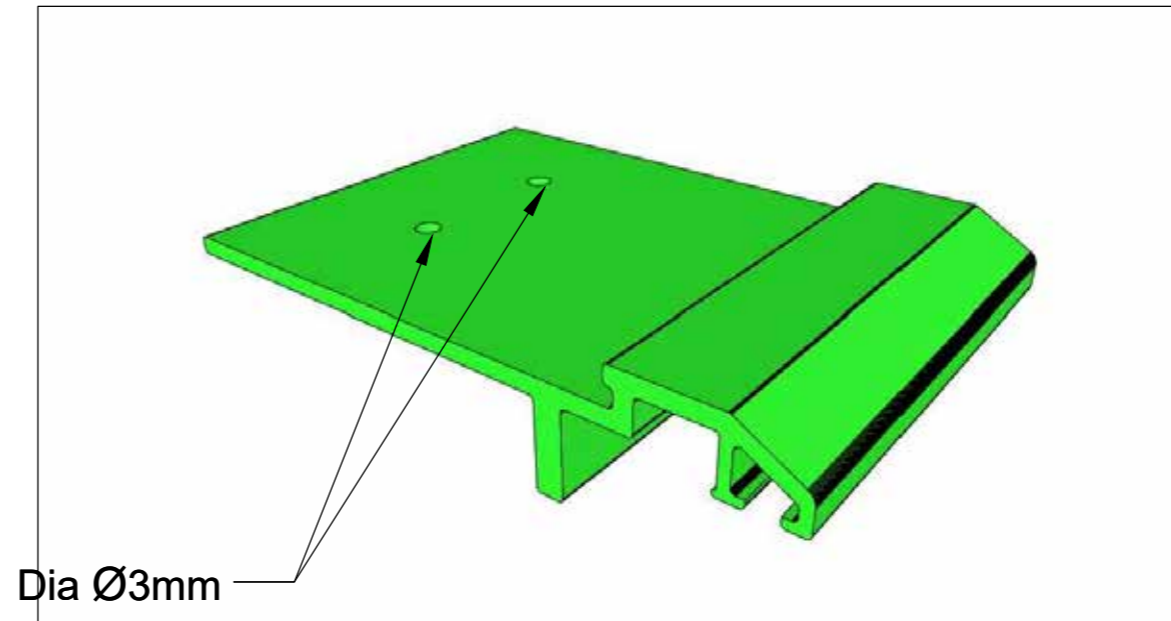
**ZEDpower**  
ZEDpower, 21 Sandmartin Way, London SM6 7DF  
T 020 8404 1380 F 020 8404 2039  
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www.zed-power.com

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**Extrusion 3** Section 6-6' (Scale 1:1@A3)



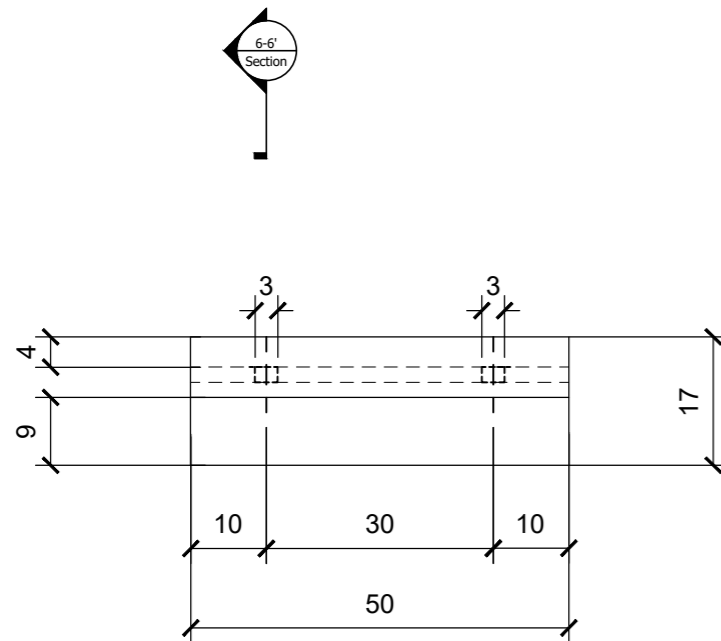
**Extrusion 3** 3d view



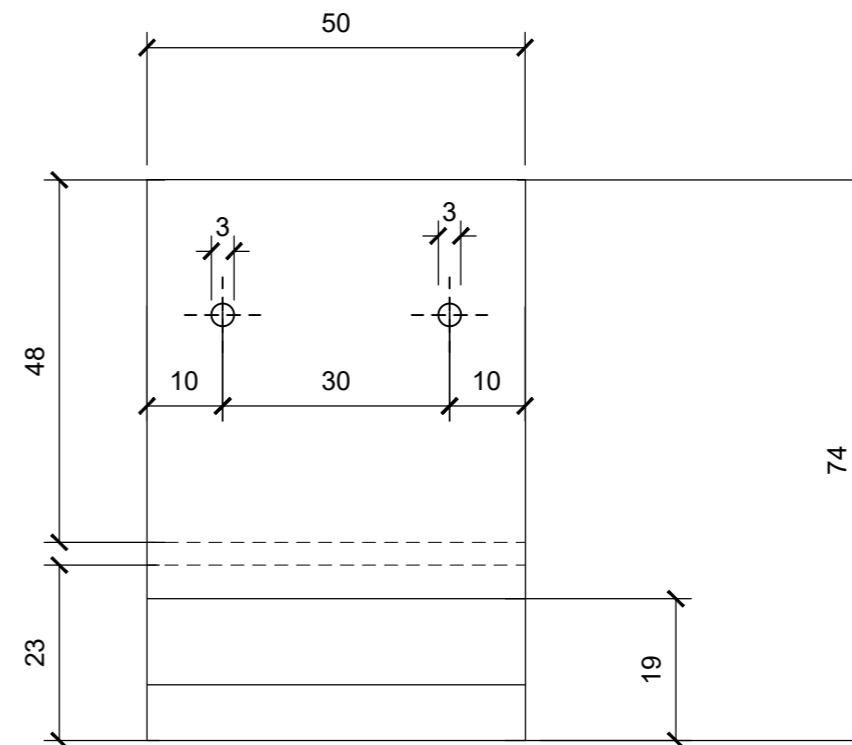
**Revisions Table**

Rev	Date	Amendments
A	25/11/2020	
B	11/12/2020	

**Extrusion 3** Right Elevation (Scale 1:1@A3)



**Extrusion 3** Top View (Scale 1:1@A3)



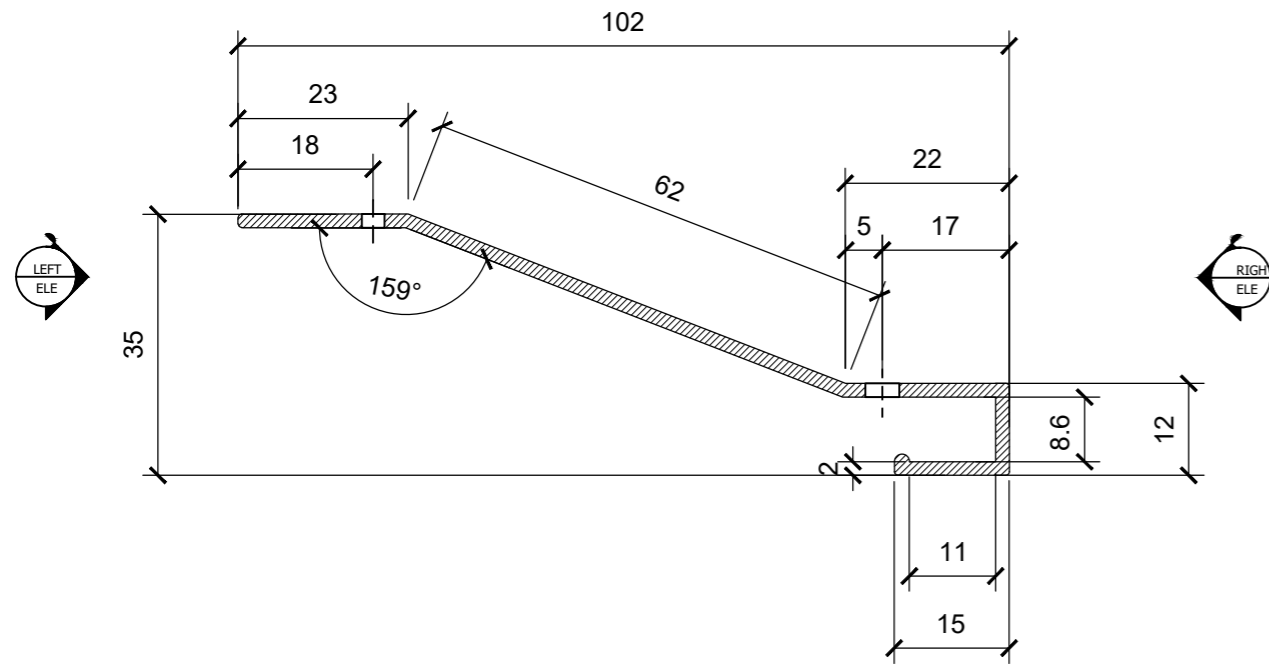
Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title: Extrusion 3		
ISSUED FOR: <b>INFORMATION</b>	drawn by: TD	checked by: BD
Drawing Number: <b>ZR / 9 / 009</b>	Rev. <b>B</b>	
Created: 20/08/2020	Scale: 1:1 @ A3	

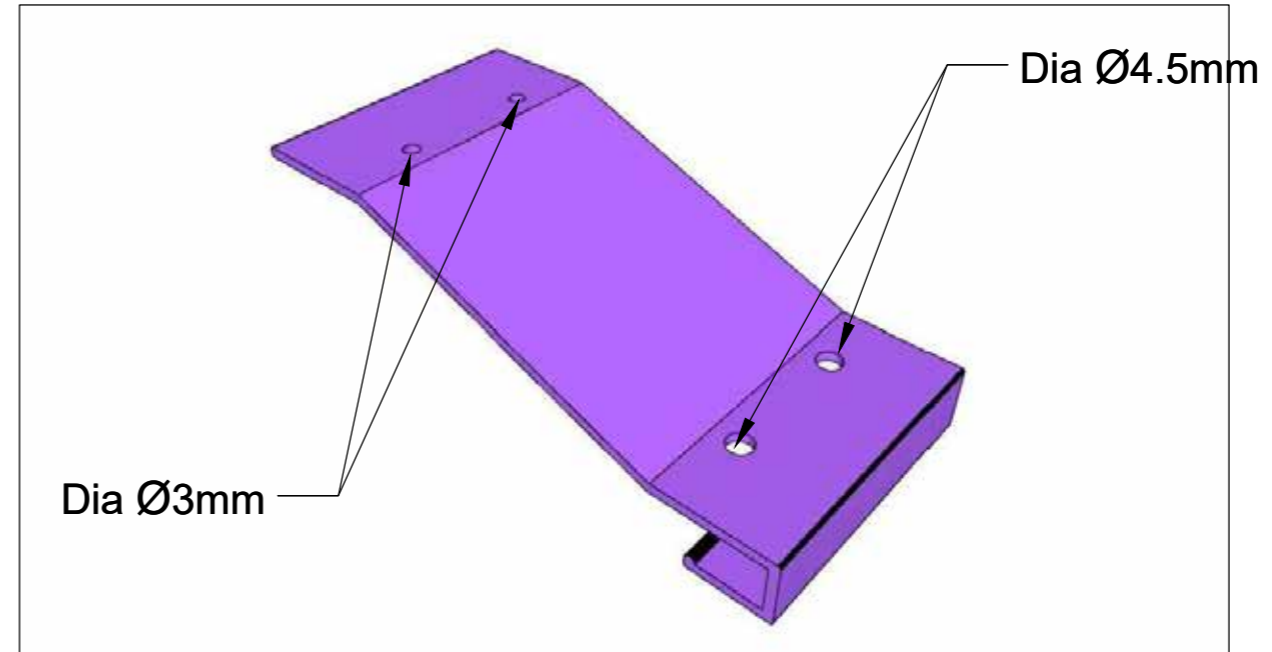
**ZEDpower**  
ZEDpower, 21 Sandmartin Way, London SM6 7DF  
T 020 8404 1380 F 020 8404 2039  
E mail@zed-power.com  
www.zed-power.com

Do not scale, use figured dimensions only. Unless stated otherwise, these drawings represent design intent only and approved assembly drawings will be required from the Trade Contractor prior to any work and /or procurement being undertaken

**Extrusion 4** Section 7-7' (Scale 1:1@A3)



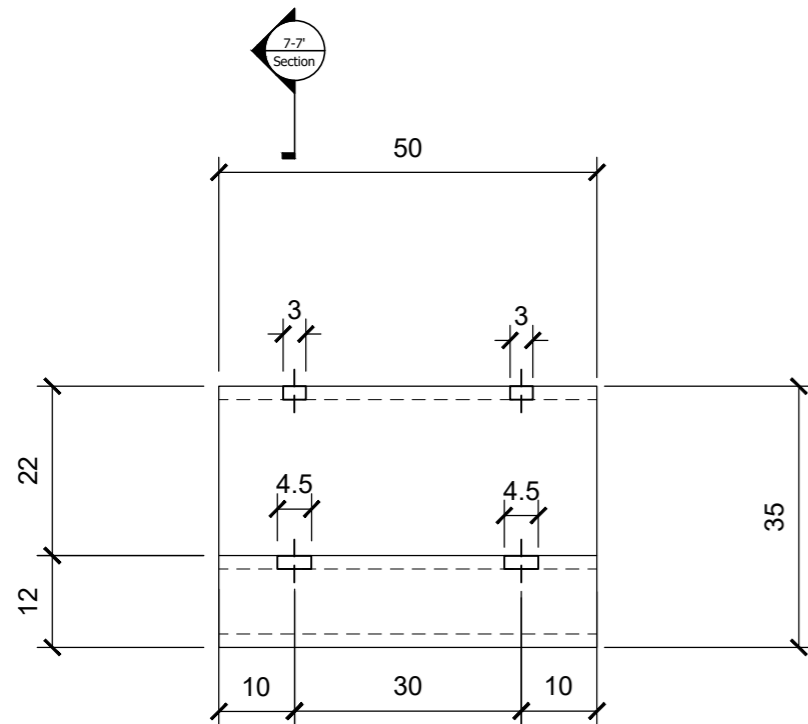
**Extrusion 4** 3d view



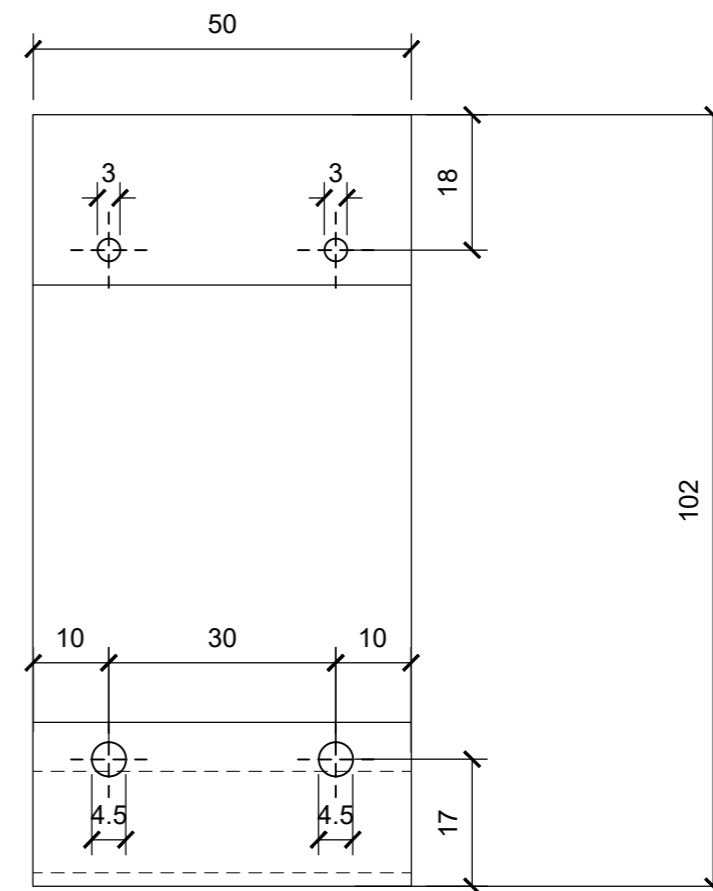
**Revisions Table**

Rev	Date	Amendments
A	30/11/2020	
B	11/12/2020	

**Extrusion 4** Right Elevation (Scale 1:1@A3)



**Extrusion 4** Top View (Scale 1:1@A3)



Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title:  
Extrusion 4

ISSUED FOR:	drawn by:	checked by:
INFORMATION	TD	BD

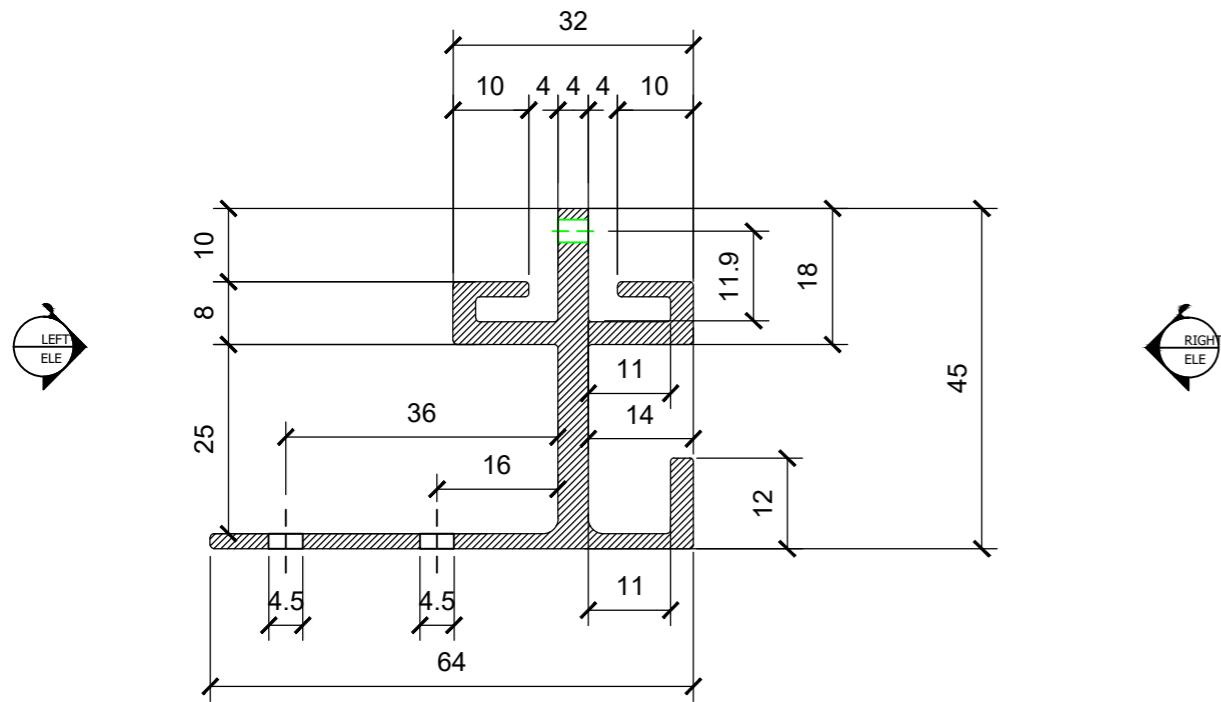
Drawing Number: **ZR / 9 / 010** Rev. **B**

Created: 20/08/2020 Scale: 1:1 @ A3

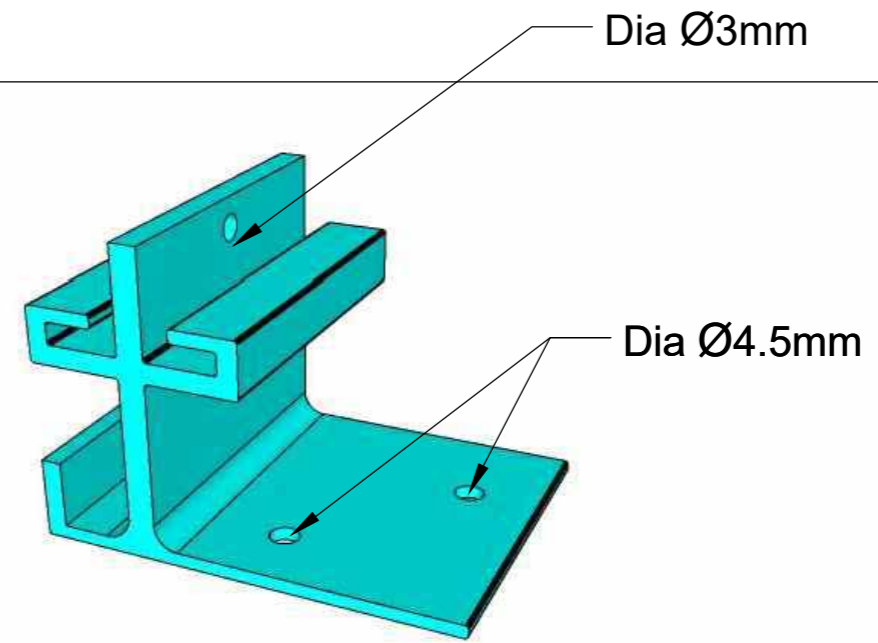
**ZEDpower**  
ZEDpower, 21 Sandmartin Way, London SM6 7DF  
T 020 8404 1380 F 020 8404 2039  
E mail@zed-power.com  
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**Extrusion 5** Section 8-8' (Scale 1:1@A3)



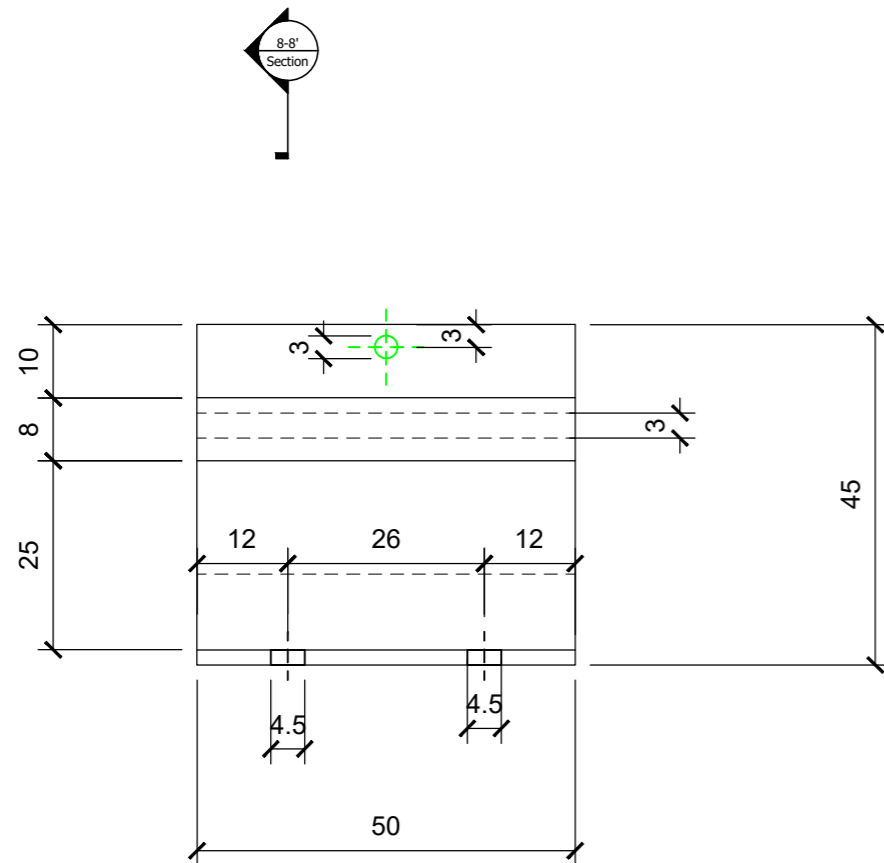
**Extrusion 5** 3d view



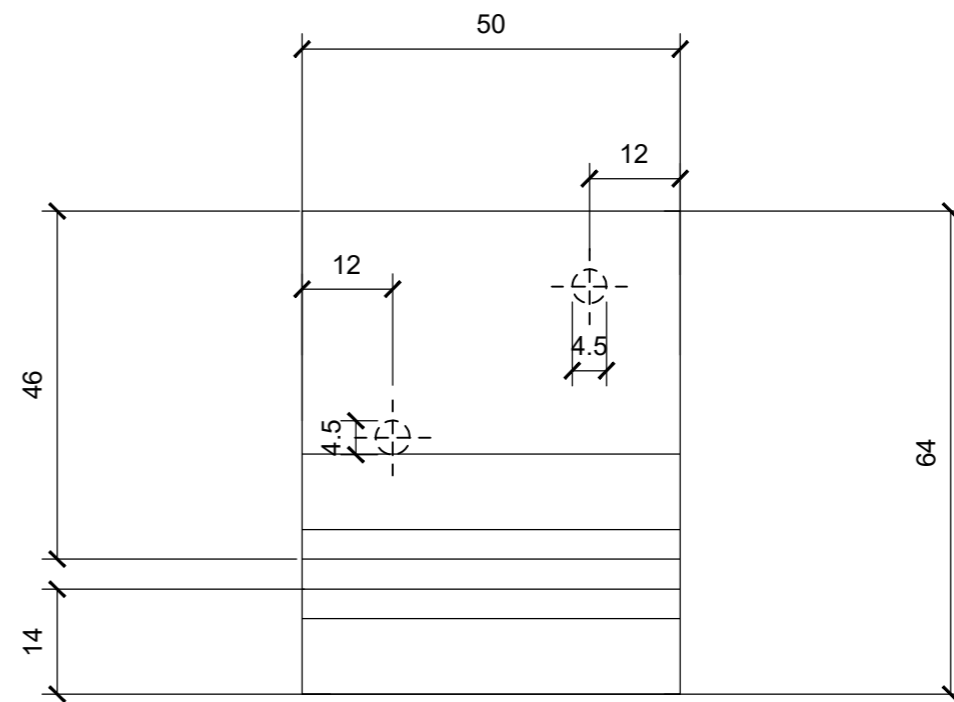
**Revisions Table**

Rev	Date	Amendments
A	25/11/2020	
B	30/11/2020	
C	11/12/2020	
D	23/12/2020	
E	06/01/2021	

**Extrusion 5** Right Elevation (Scale 1:1@A3)



**Extrusion 5** Top View (Scale 1:1@A3)



Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title:  
Extrusion 5

ISSUED FOR:	drawn by:	checked by:
INFORMATION	TD	BD

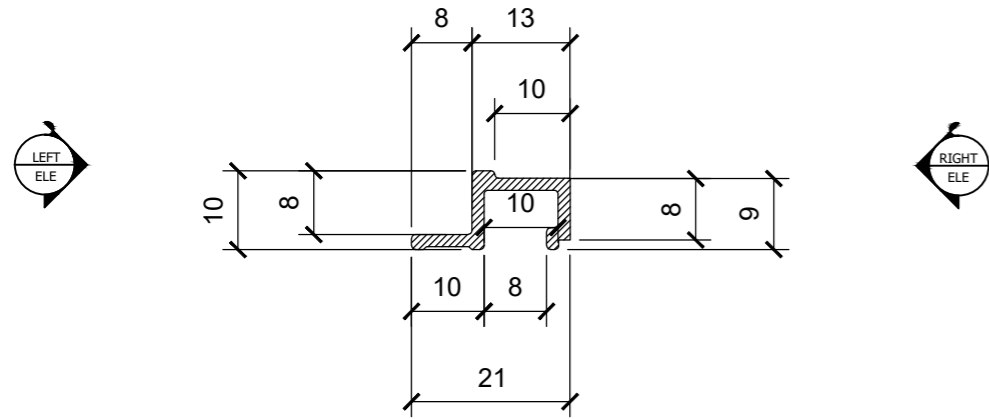
Drawing Number: **ZR / 9 / 008** Rev. **E**

Created: 20/08/2020 Scale: 1:1 @ A3

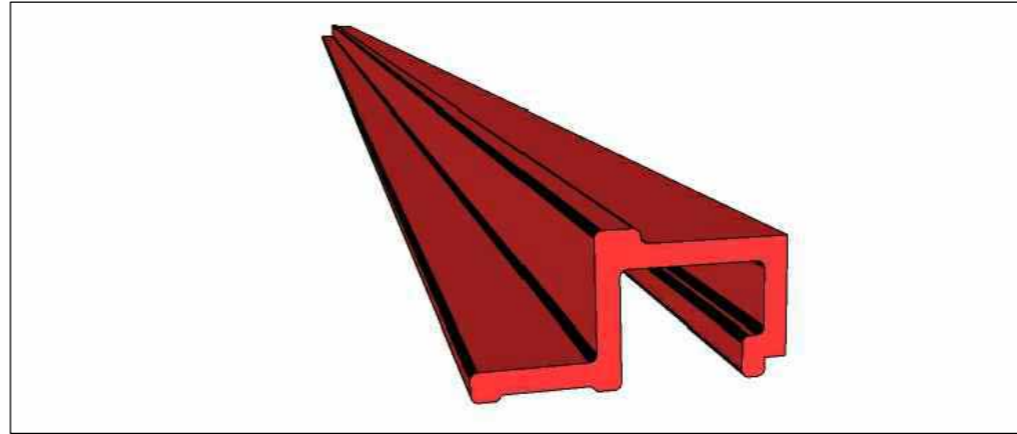
**ZEDpower**  
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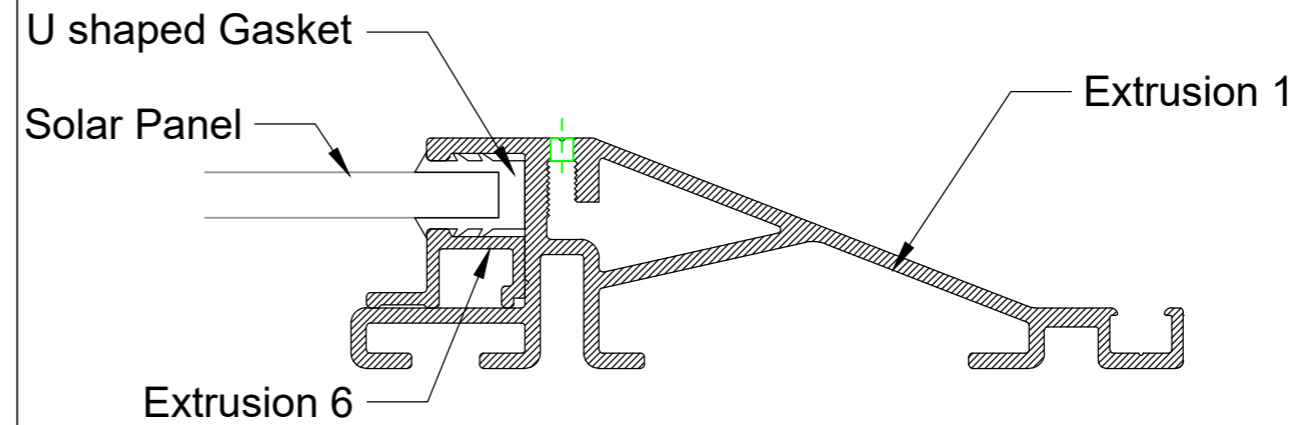
**Extrusion 6** Section 13-13' (Scale 1:1@A3)



**Extrusion 6** 3d view



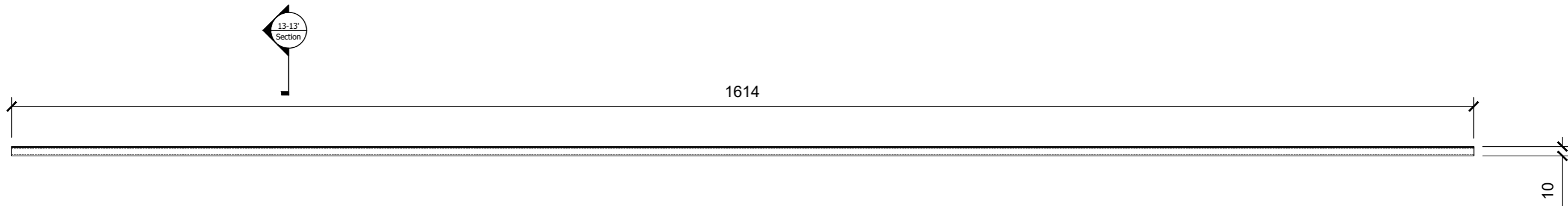
**Extrusion 1&6** 2d view



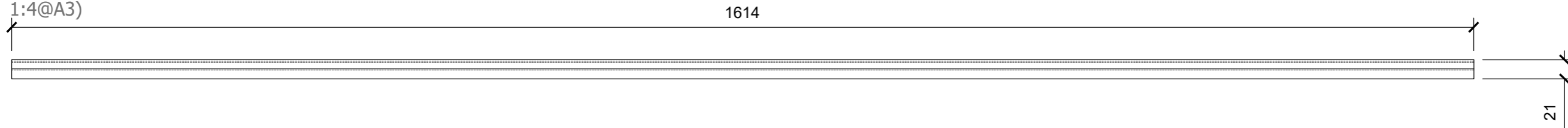
**Revisions Table**

Rev	Date	Amendments
A	17/12/2020	
B	06/01/2021	

**Extrusion 6(Length 1614mm)** Right Elevation (Scale 1:4@A3)



**Extrusion 6(Length 1614mm)** Top View (Scale 1:4@A3)



**Note:** Extrusion 6 is a special spacer only will be used together with the standard U shaped Gasket.  
The quantity of extrusion 6 that will be needed for Barnard House is 50.

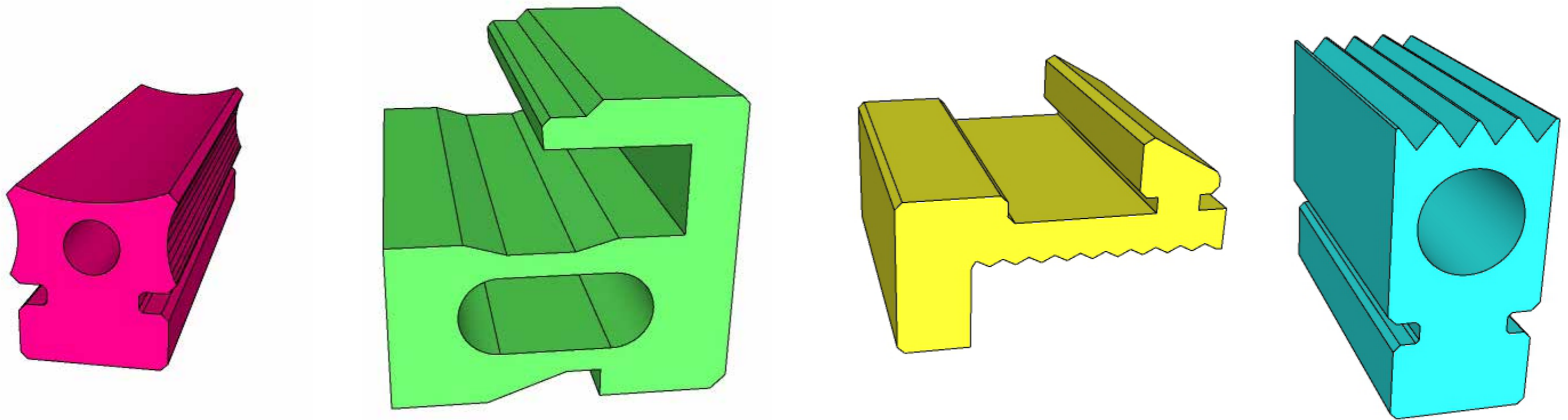
Client:	
Project: ZEDPOWER Roof	

Drawing Title: Extrusion 6		
ISSUED FOR:	drawn by / updated by:	checked by:
INFORMATION	TD	BD
Drawing Number: ZR / 9 / 009		Rev. B
Created: 11/12/2020	Scale: 1:1 @ A3	

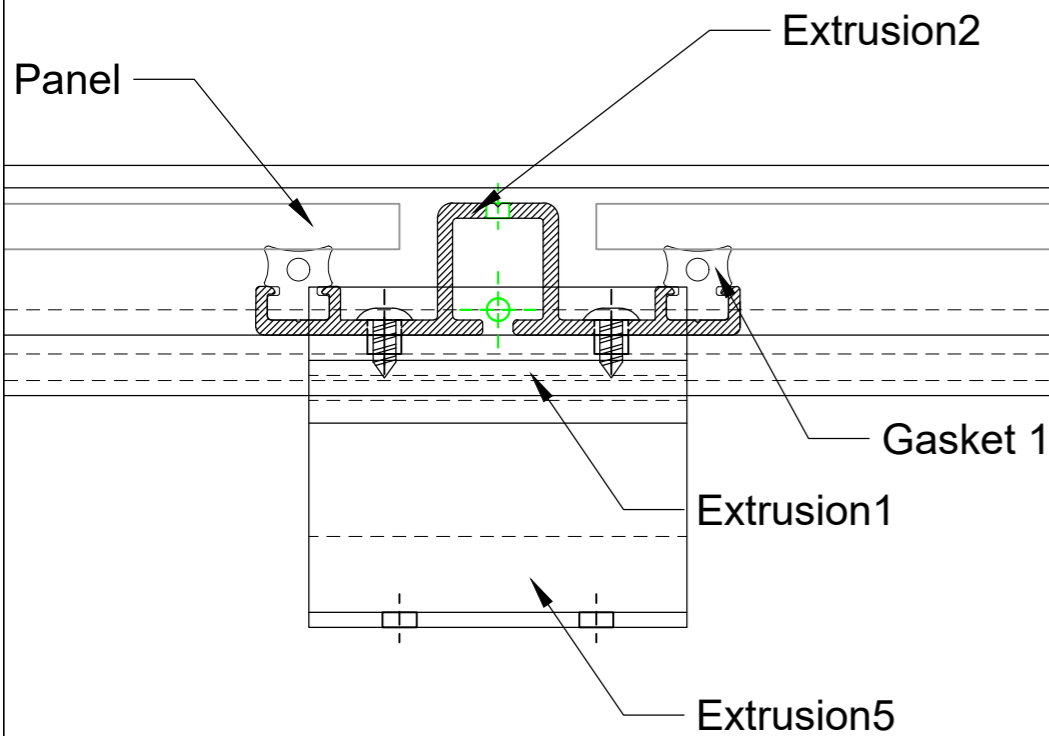
**ZEDpower**  
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 T 020 8404 1380 F 020 8404 2039  
 E mail@zed-power.com  
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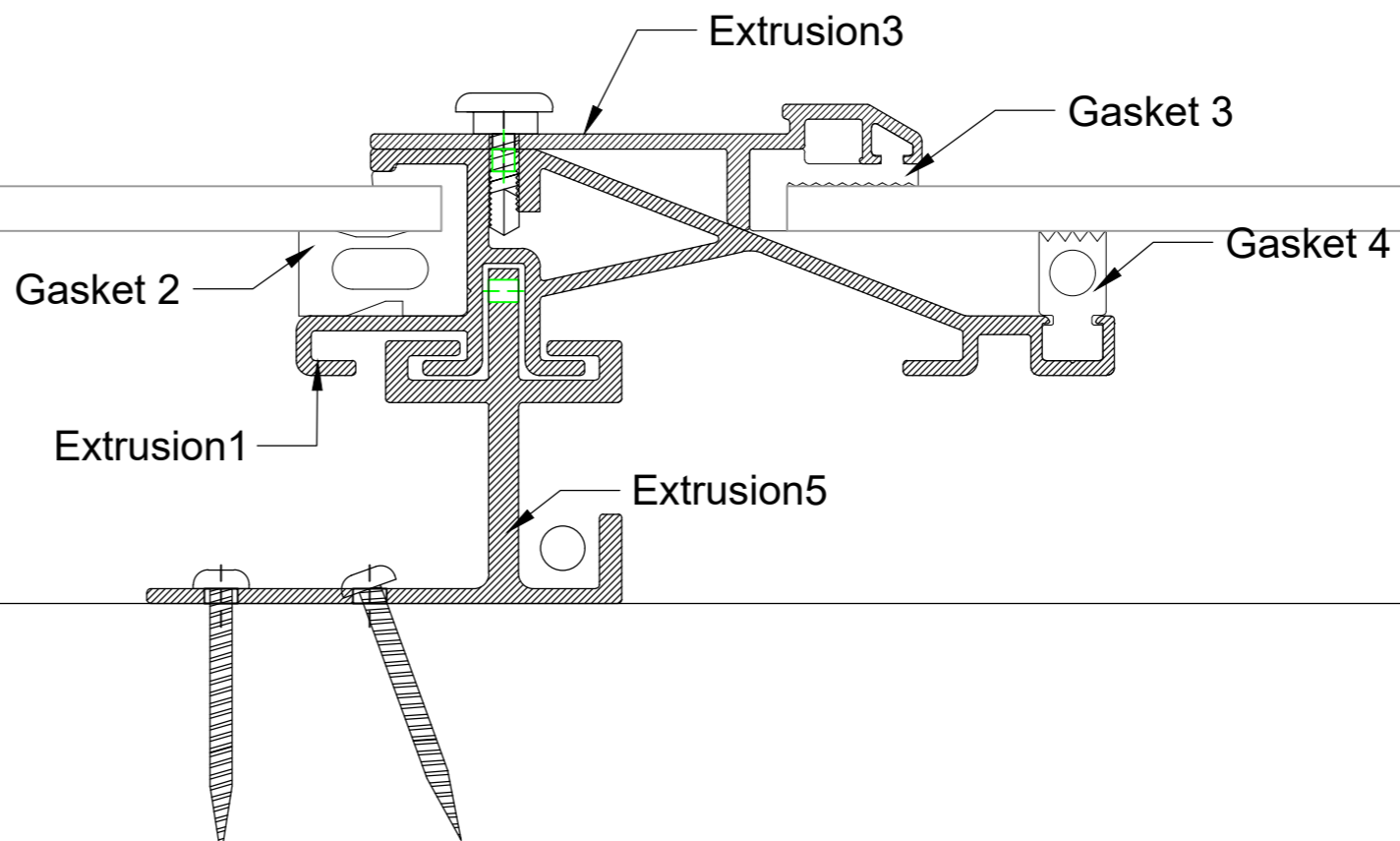
## 2. Gaskets



**Gasket 1**  
Section view(Scale 1:1@A3)



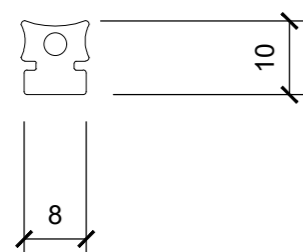
**Gasket 2,3&4**  
Section view(Scale 1:1@A3)



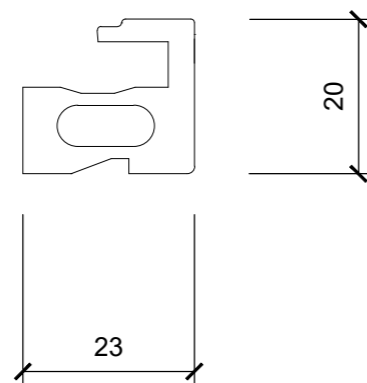
**Revisions Table**

Rev	Date	Amendments
A	25/11/2020	
B	30/11/2020	
C	10/12/2020	
D	11/12/2020	
E	16/12/2020	
F	17/12/2020	
G	06/01/2021	

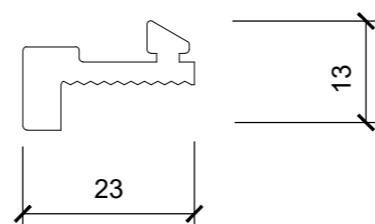
**Gasket 1**  
Section view(Scale 1:1@A3)



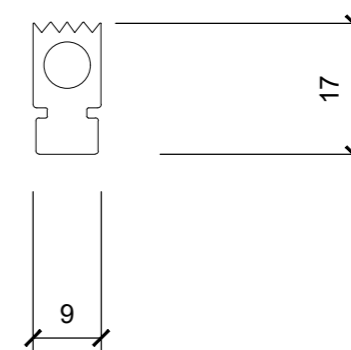
**Gasket 2**  
Section view(Scale 1:1@A3)



**Gasket 3**  
Section view(Scale 1:1@A3)



**Gasket 4**  
Section view(Scale 1:1@A3)



**Gasket Order Schedule**

- Gasket 1 – 650m
- Gasket 2 – 460m
- Gasket 3 – 35m
- Gasket 4 – 460m

Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title:  
Gasket List

ISSUED FOR:	drawn by:	checked by:
INFORMATION	TD	BD

Drawing Number: ZR / 9 / 020      Rev. G  
Created: 09/11/2020      Scale: 1:1 @ A3

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# 3. Solar Panel

YGE 60 Cell  
270/275/280W

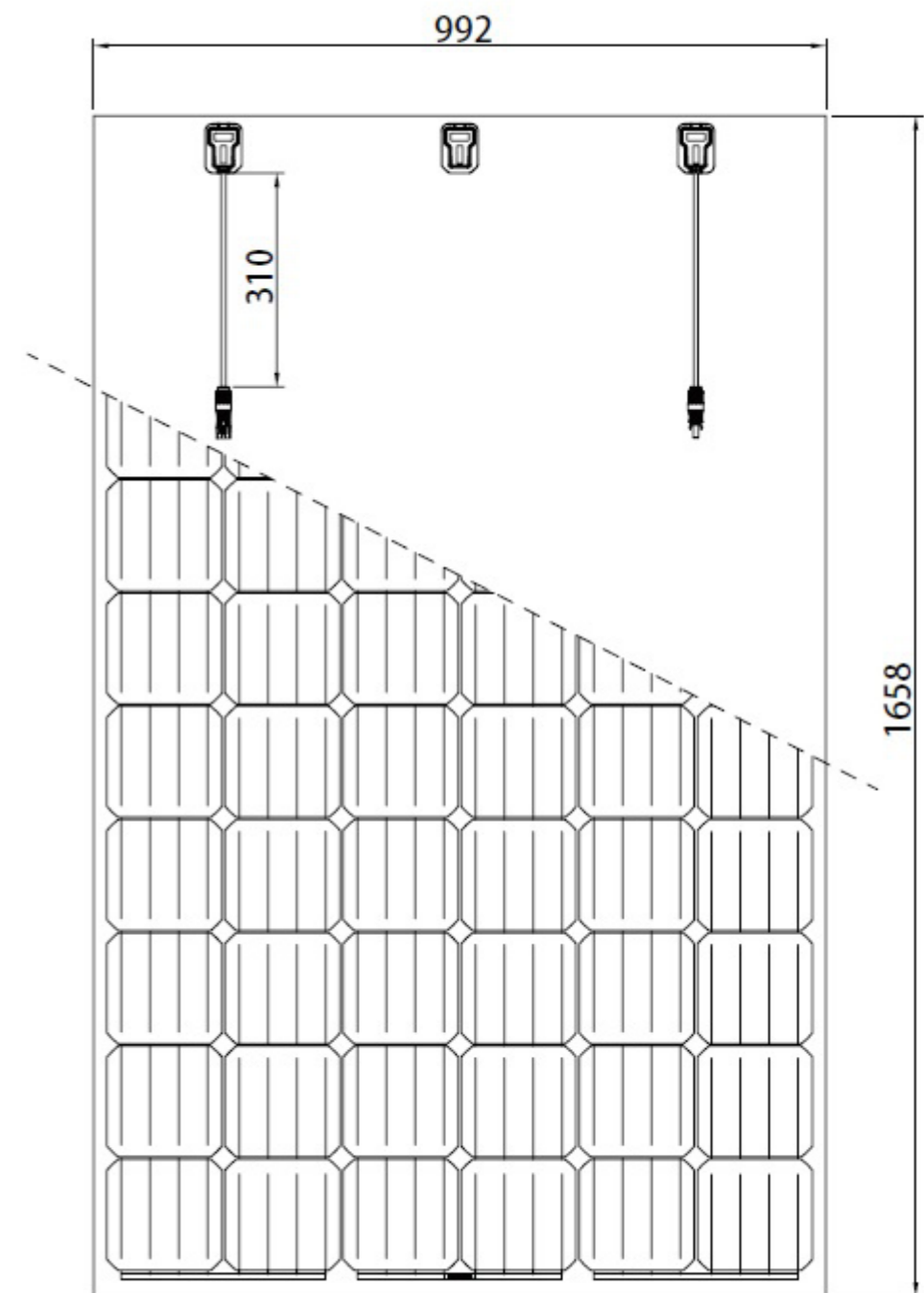
Dimensions

1658mm / 992mm / 6mm

Module Type

- 270W, 275W and 280W solar panels
- Classic time-tested 60 cell design
- Proven polycrystalline technology
- Best selling module size

With over two decades of manufacturing experience and millions of PV systems installed worldwide you can trust that our product quality and long term reliability have been proven in the field.





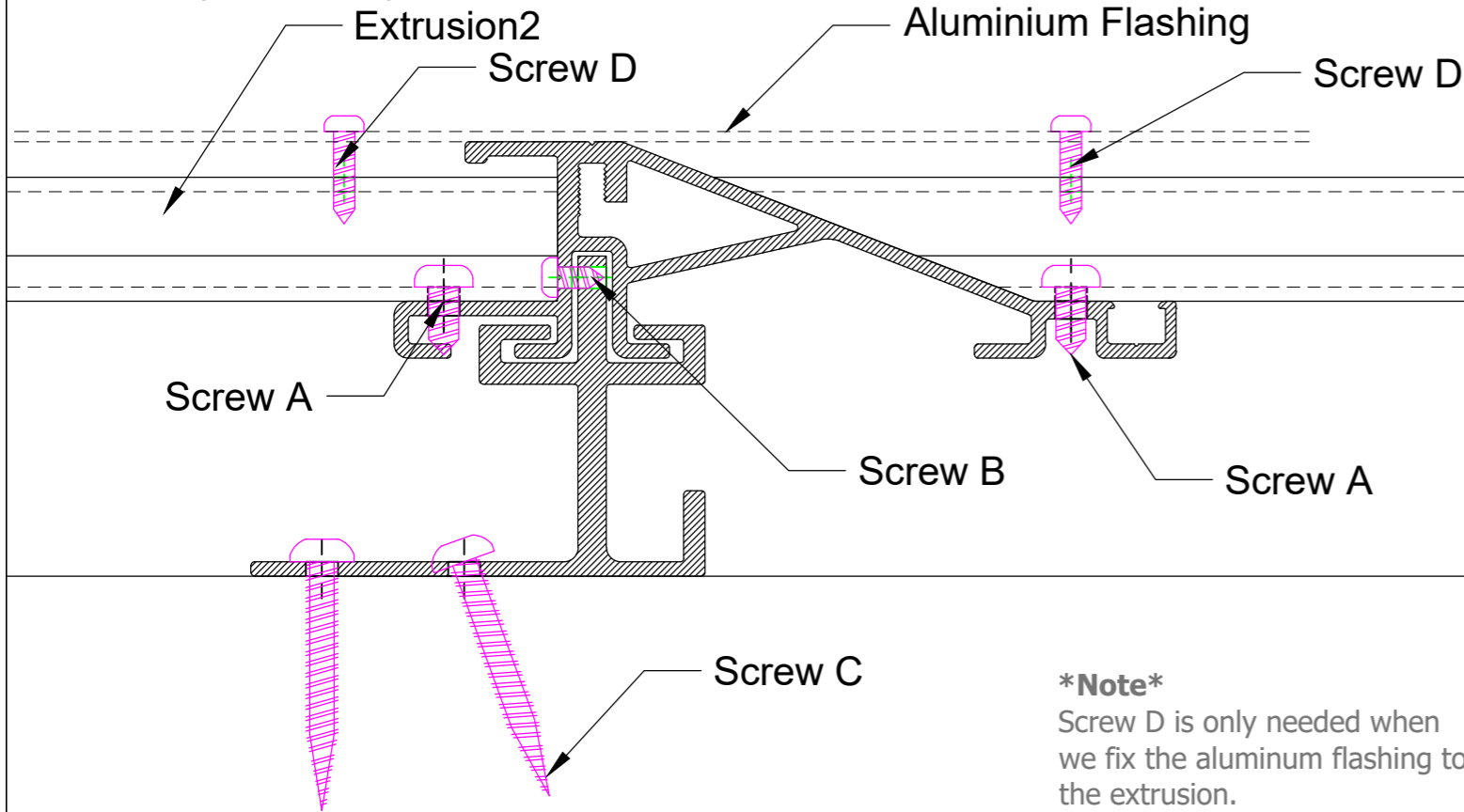
## 5. Stainless Steel Screws and Fixings



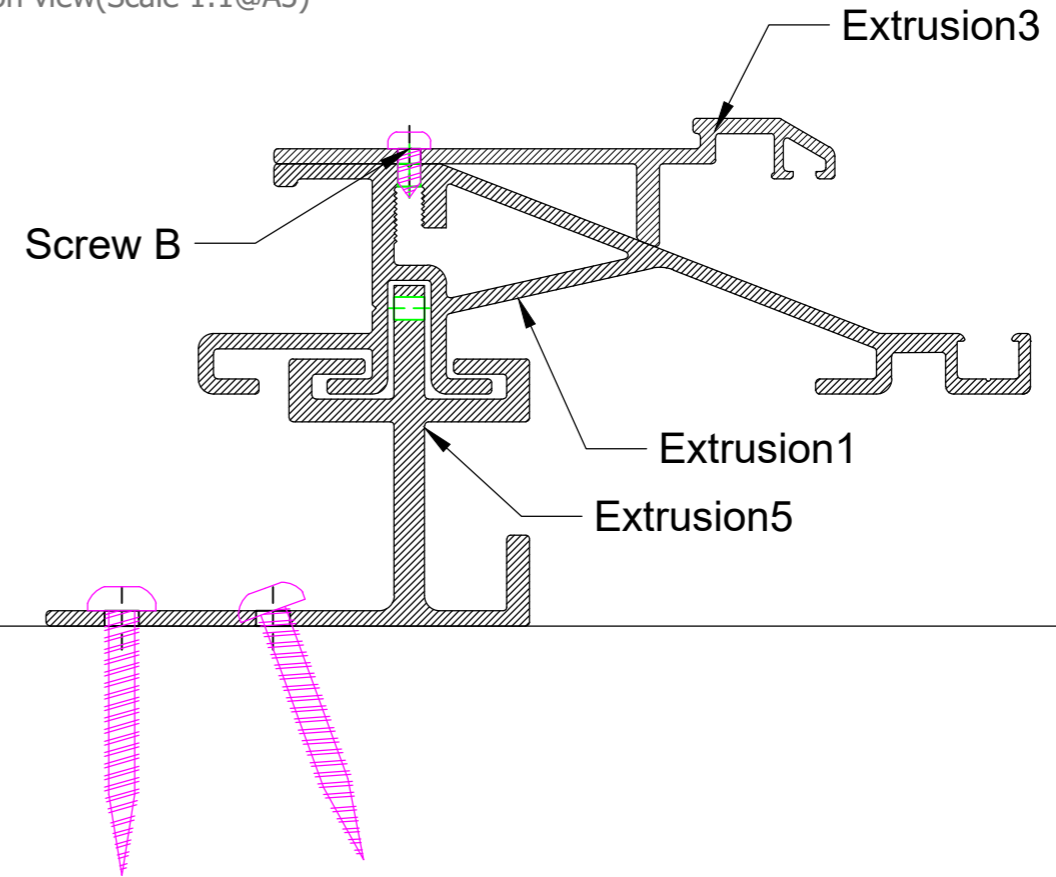
Torx Pan Head Self Tapping Screws

Torx Pan Head Chipboard Screws

**Screw A, B, C & D**  
Section view(Scale 1:1@A3)



**Screw B**  
Section view(Scale 1:1@A3)

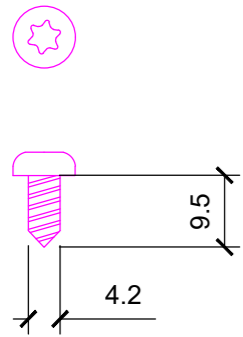


**\*Note\***  
Screw D is only needed when we fix the aluminum flashing to the extrusion.

**Revisions Table**

Rev	Date	Amendments

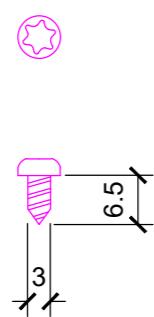
**Screw A**  
Section view(Scale 1:1@A3)



**Screw A**  
Stainless Steel Torx Pan Head Self Tapping Screw

nominal diameter 4.2mm  
length 9.5mm

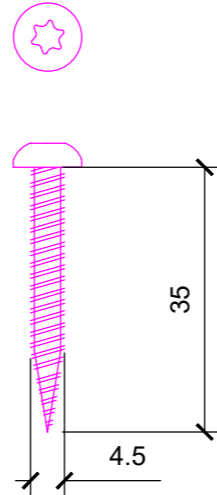
**Screw B**  
Section view(Scale 1:1@A3)



**Screw B**  
Stainless Steel Torx Pan Head Self Tapping Screw

nominal diameter 3mm  
length 6.5mm

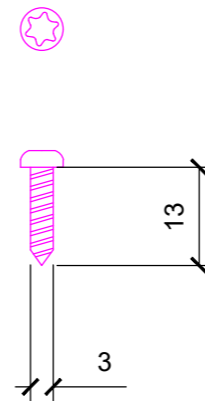
**Screw C**  
Section view(Scale 1:1@A3)



**Screw C**  
Stainless Steel Torx Pan Head Chipboard Screw

nominal diameter 4.5mm  
length 35mm

**Screw D**  
Section view(Scale 1:1@A3)



**Screw D**  
Stainless Steel Torx Pan Head Self Tapping Screw

nominal diameter 3mm  
length 13mm

Fixings Order Quantities_Total	
Screw A – 704	Screw D – 358
Screw B – 1346	
Screw C – 416	
Fixings Order Quantities_Barnard House	
Screw A – 224	Screw D – 114
Screw B – 404	
Screw C – 128	
Fixings Order Quantities_Watton Road	
Screw A – 384	Screw D – 162
Screw B – 744	
Screw C – 224	
Fixings Order Quantities_Fulford Woking	
Screw A – 96	Screw D – 82
Screw B – 198	
Screw C – 64	

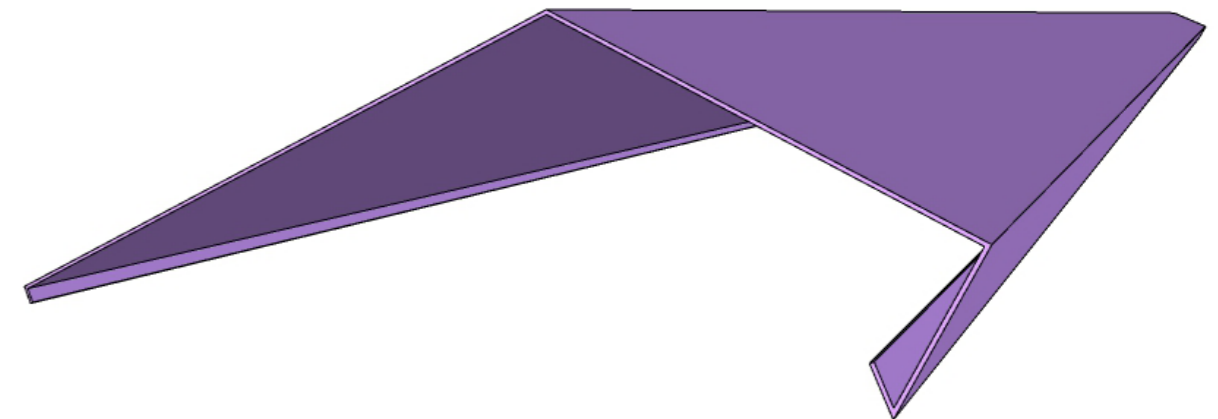
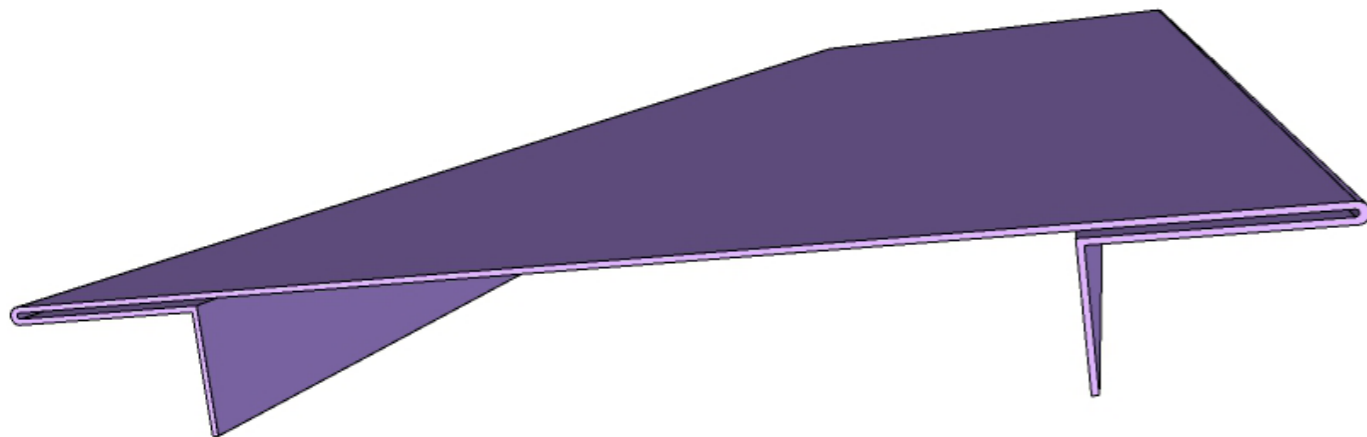
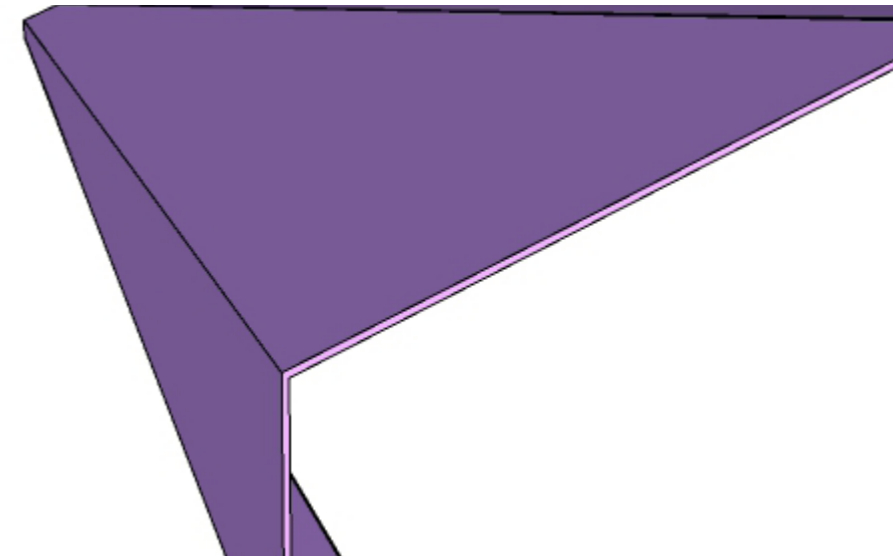
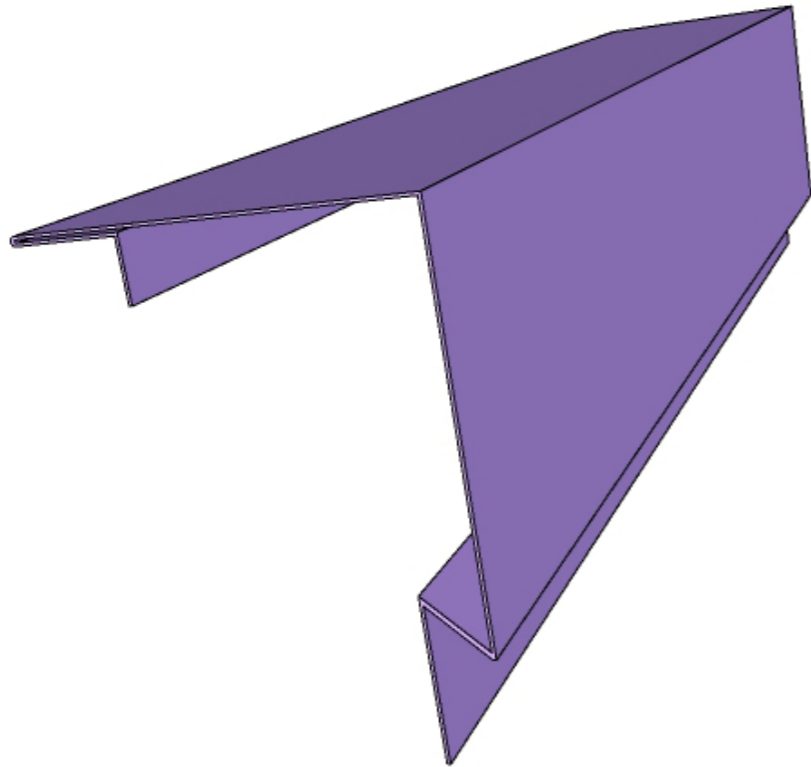
Client:  
Project:  
**ZEDPOWER Roof**

Drawing Title: Fixings List		
issued for: <b>INFORMATION</b>	drawn by: TD	checked by: BD
Drawing Number: <b>ZR / 9 / 021</b>	Rev. <b>X</b>	
Created: 01/03/2021	Scale: 1:1 @ A3	

**ZEDpower**  
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T 020 8404 1380 F 020 8404 2039  
E mail@zed-power.com  
www.zed-power.com

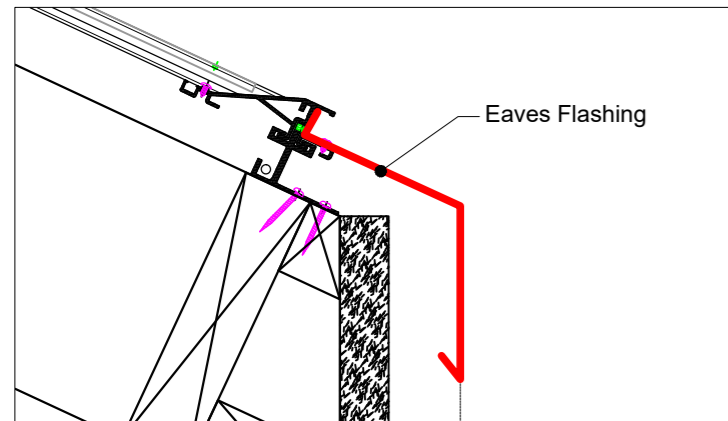
Do not scale, use figured dimensions only. Unless stated otherwise, these drawings represent design intent only and approved assembly drawings will be required from the Trade Contractor prior to any work and /or procurement being undertaken

# 6. Aluminium Flashings



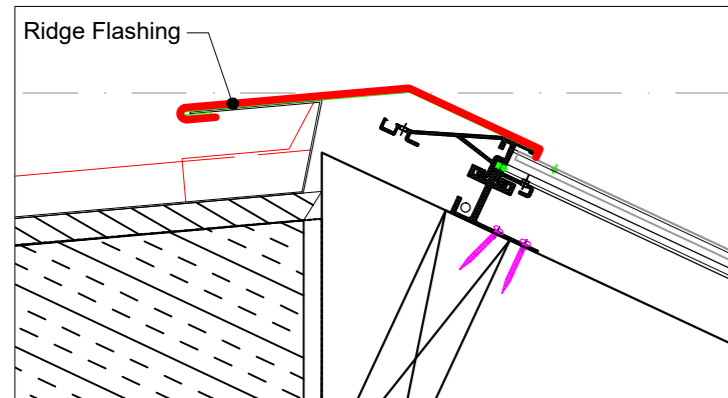
below: Detail 05

South roof eaves detail



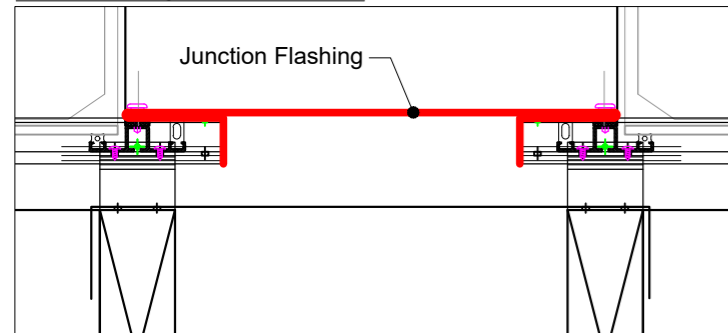
below: Detail 06

Ridge detail



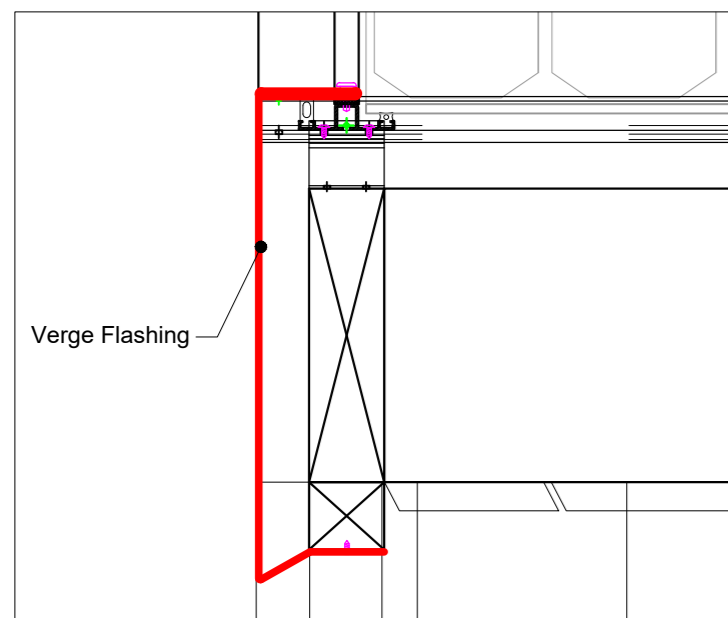
below: Detail 07

South roof junction detail

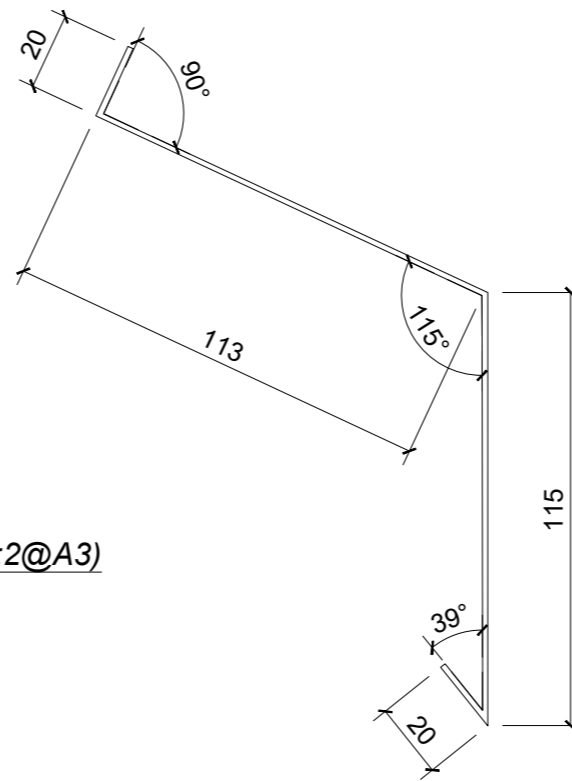


below: Detail 08

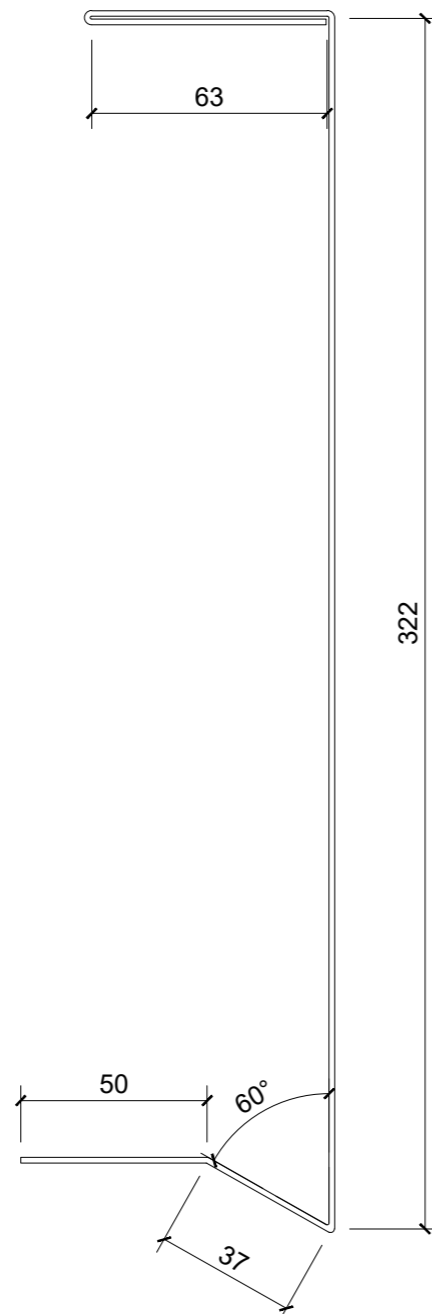
South roof verge detail



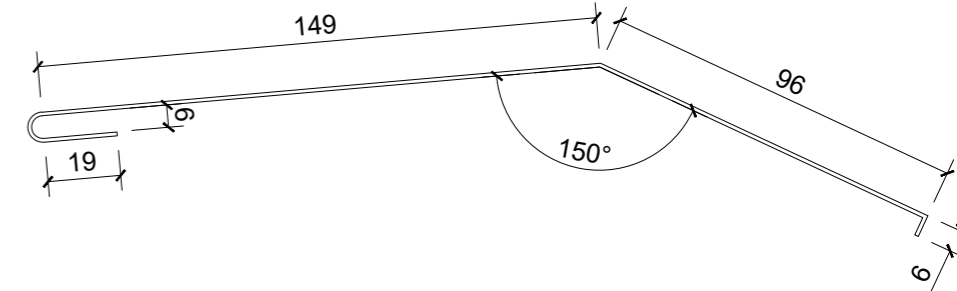
below: South Roof Eaves Flashing(1:2@A3)



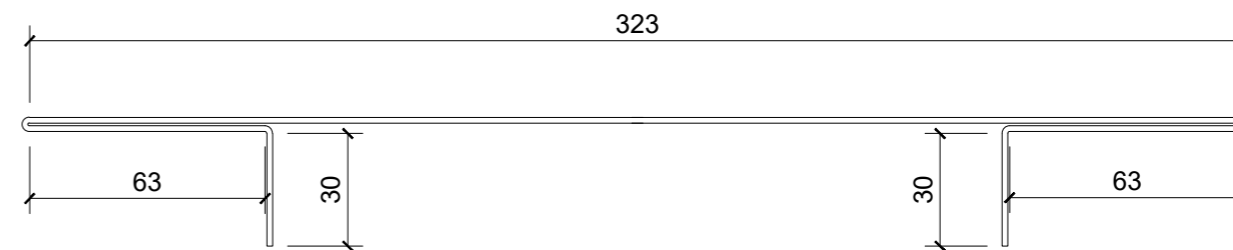
below: South Roof Verge Flashing(1:2@A3)



below: Ridge Flashing(1:2@A3)



below: South Roof Junction Flashing(1:2@A3)



Aluminium Flashing Order Schedule/House (South Roof)

Flashing Name	Flashing Length	Flashing Quantities
South Roof Eaves Flashing	5370mm	2
Ridge Flashing	5370mm	2
South Roof Junction Flashing	7390mm	1
South Roof Verge Flashing	7610mm	2

Client:  
Barnards  
Project:  
Semi-Det dwellings  
rear of 20 Hatherley Road  
Sidcup  
DA14 4BG

Drawing Title:  
South Roof Flashing details  
Issued for:  
Information  
Drawing Number:  
322\_9\_930  
Created:  
02.03.2021

drawn by/  
updated by:  
TD  
checked by:  
BD  
Rev.  
X  
Scale:  
1:2 @ A3

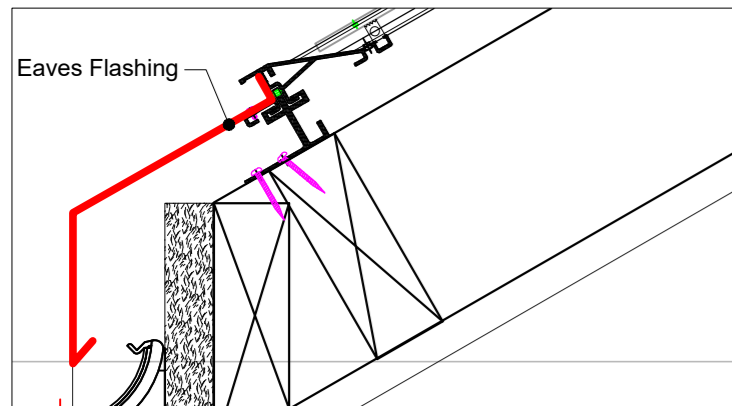
**ZEDpower**  
ZEDpower, 21 Sandmartin Way, London SM6 7DF  
T 020 8404 1380 F 020 8404 2039  
E mail@zed-power.com  
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Rev	Date	Amendments

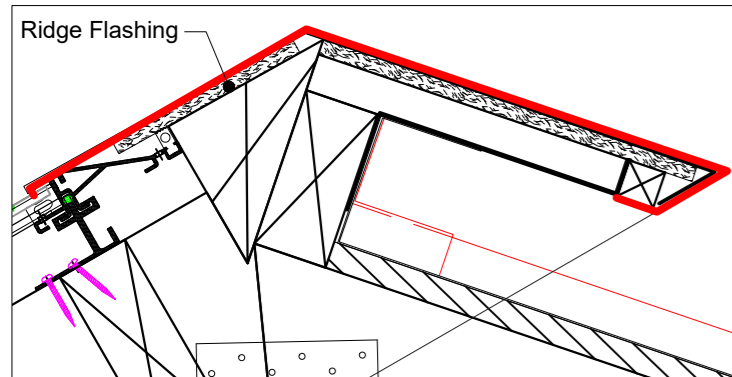
below: Detail 05

South roof eaves detail



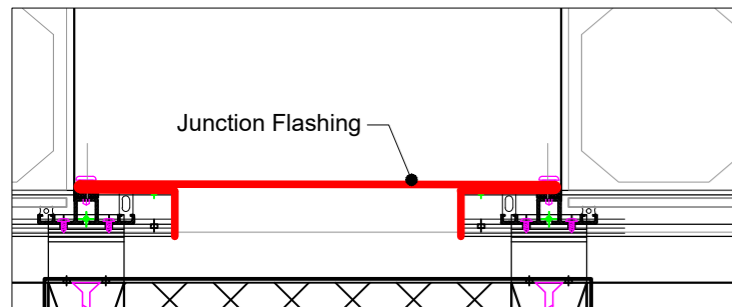
below: Detail 06

Ridge detail



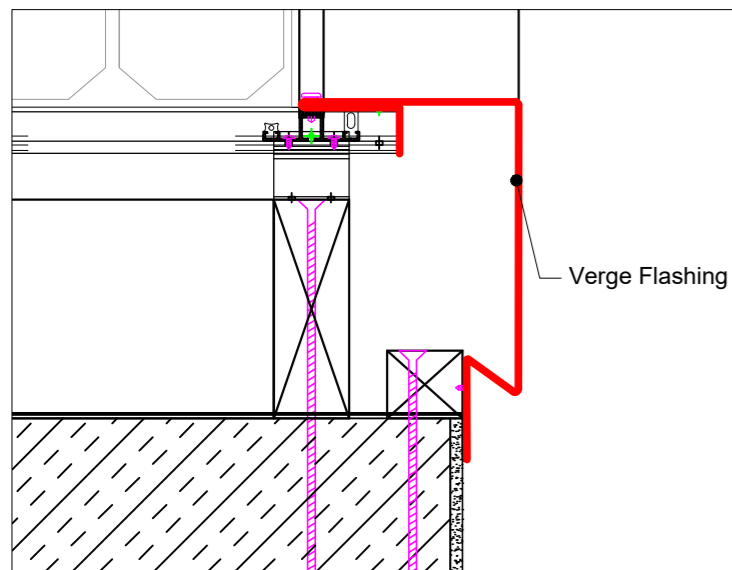
below: Detail 07

South roof junction detail

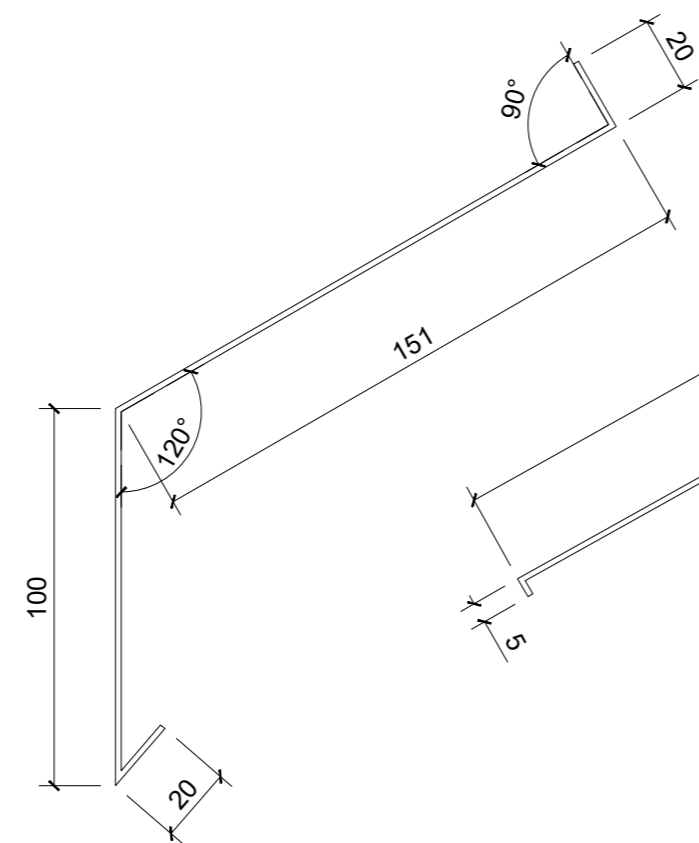


below: Detail 08

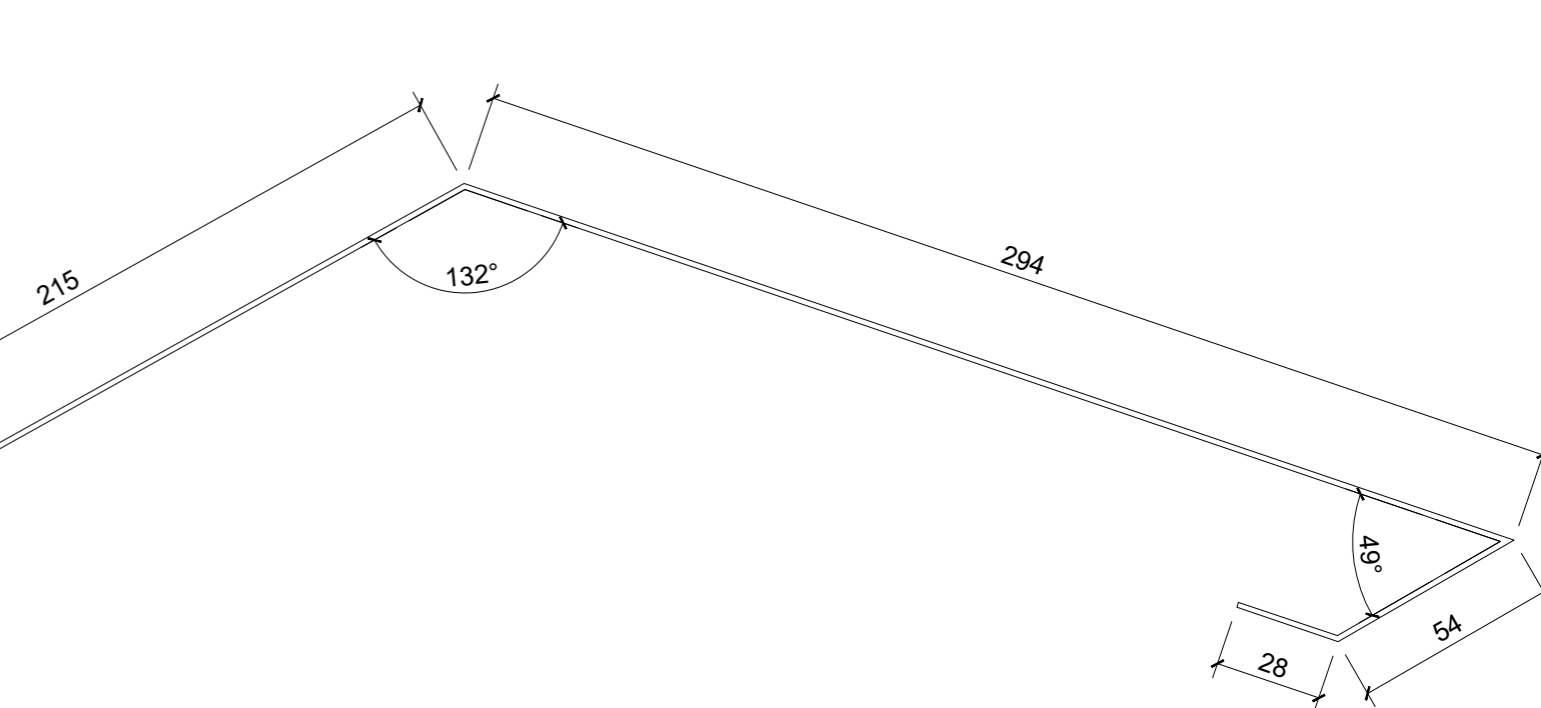
South roof verge detail



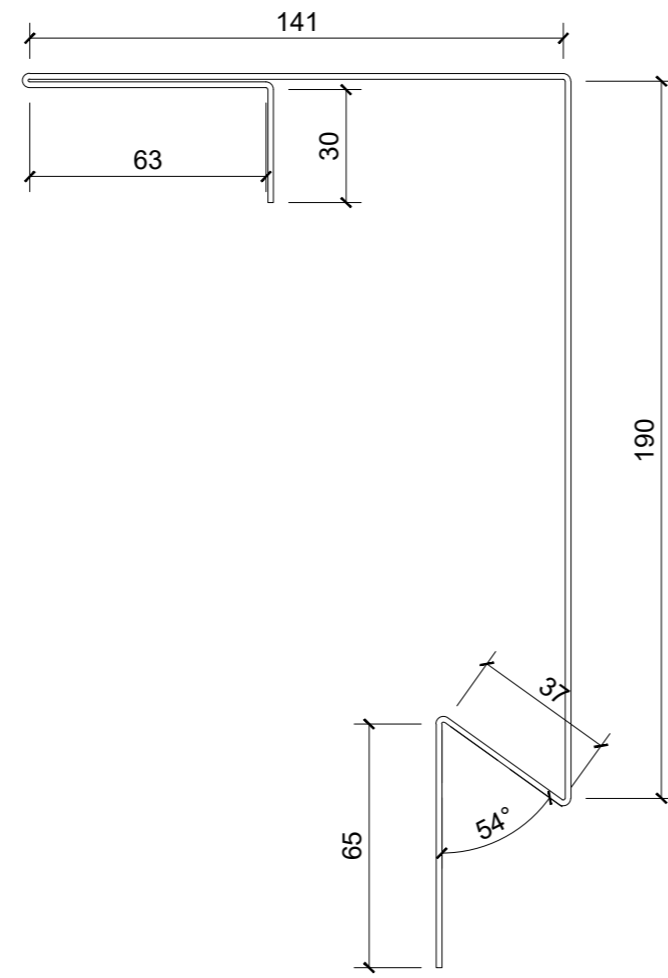
below: South Roof Eaves Flashing(1:2@A3)



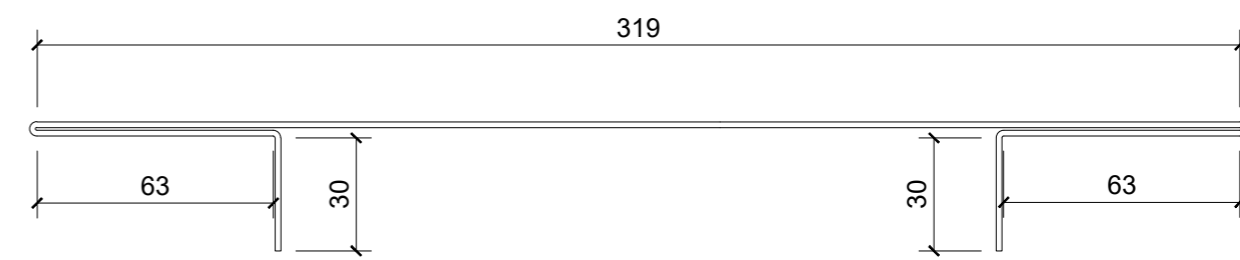
below: Ridge Flashing(1:2@A3)



below: South Roof Verge Flashing(1:2@A3)



below: South Roof Junction Flashing(1:2@A3)



Aluminium Flashing Order Schedule/House (South Roof)

Flashing Name	Flashing Length	Flashing Quantities
South Roof Eaves Flashing	5450mm	4
Ridge Flashing	5450mm	4
South Roof Junction Flashing	6400mm	2
South Roof Verge Flashing	6895mm	4

Client:  
Project:  
**Watton Road**  
129 Watton road  
Ware  
SG12 0AU

Drawing Title:  
**South Roof Flashing details**

Issued for:	Information	TD	BD
Drawn by:			
Updated by:			
Checked by:			

Drawing Number: **353\_9\_930** Rev. **A**

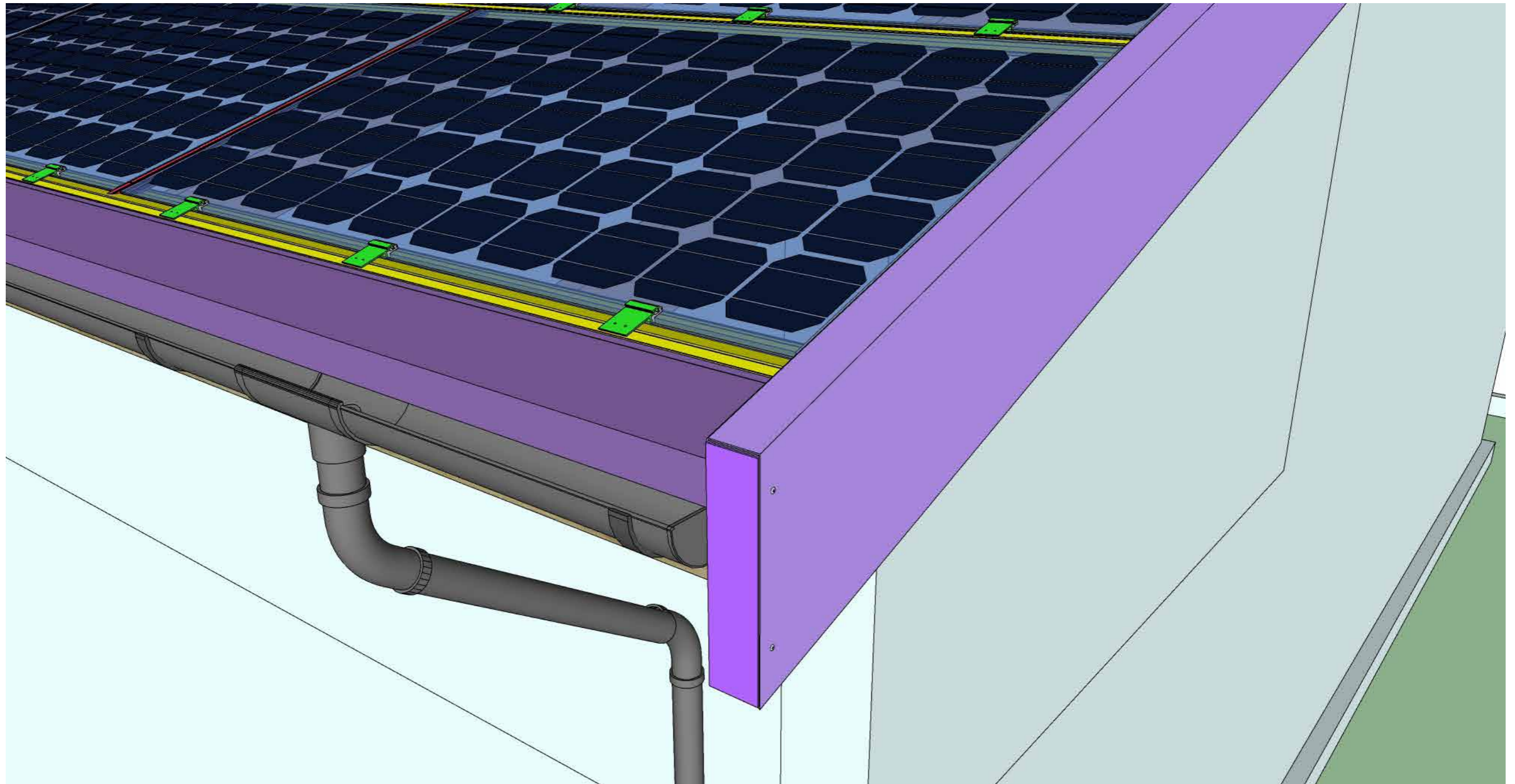
Created: 24.12.2020 Scale: 1:2 @ A3

Rev	Date	Amendments
A	02/03/2021	Order Schedule Updated

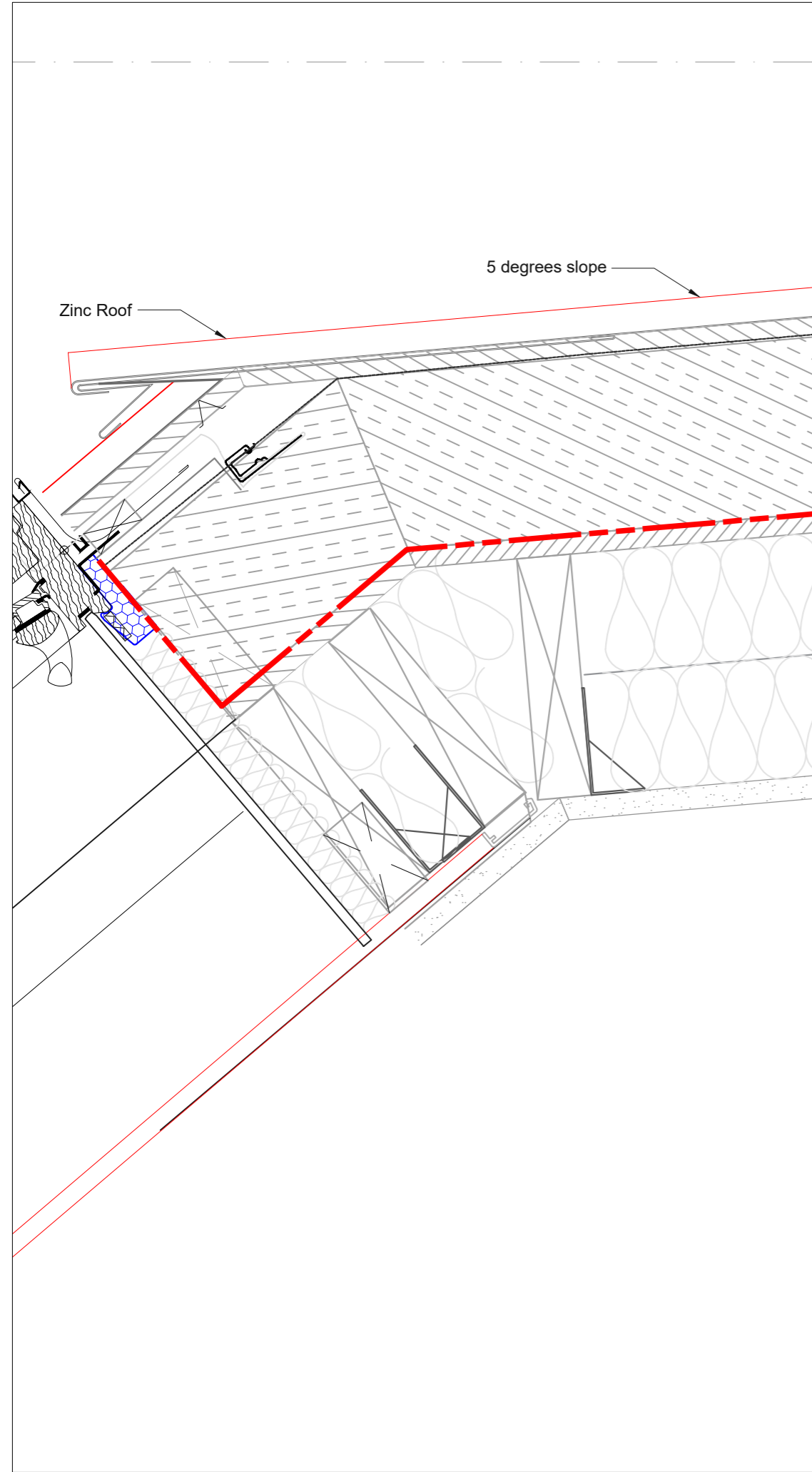
**ZEDpower**  
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T 020 8404 1380 F 020 8404 2039  
E mail@zed-power.com  
www.zed-power.com

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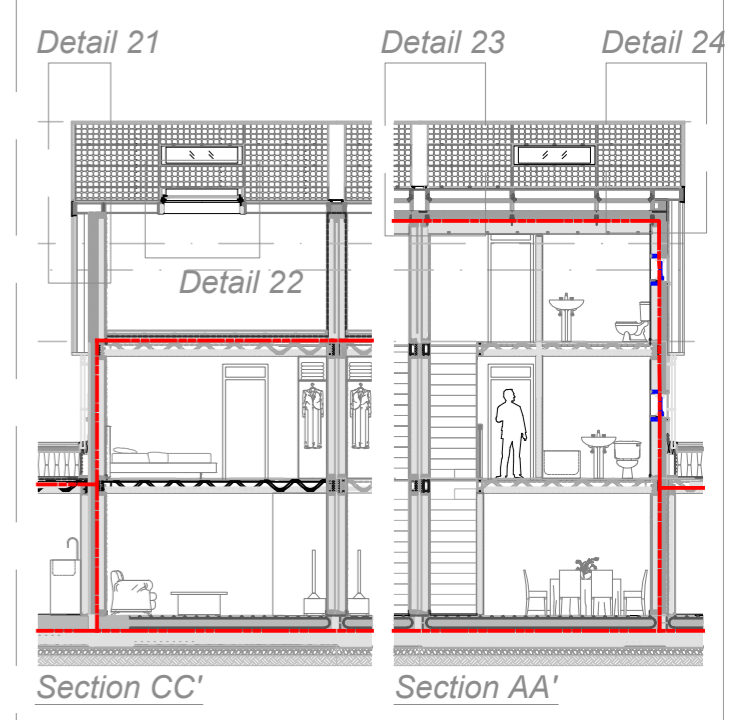
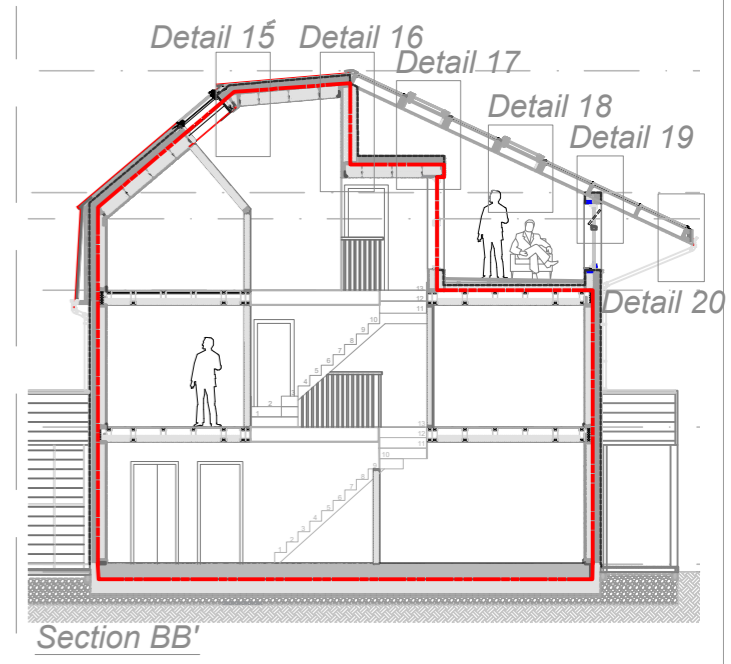
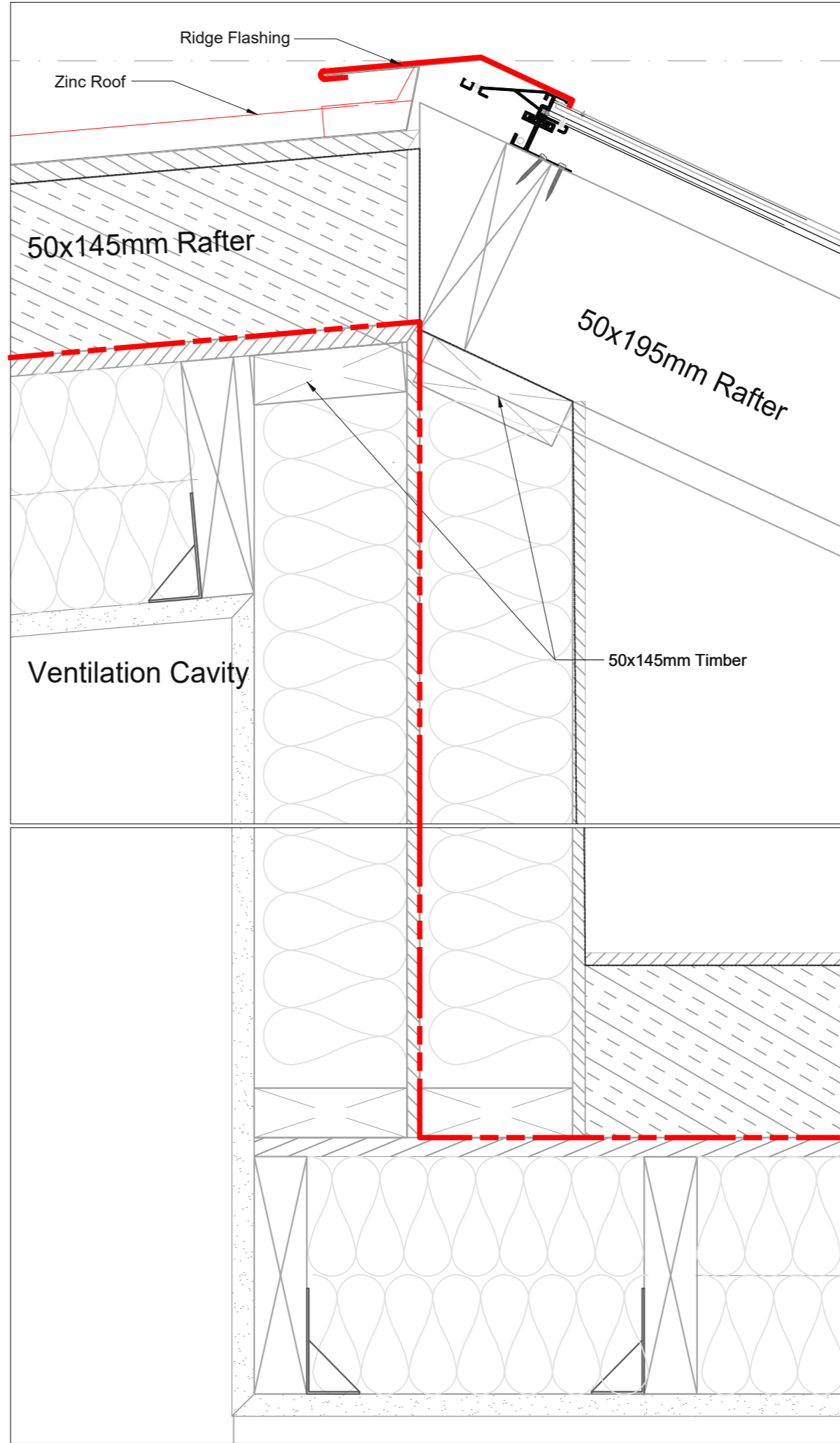
# 7. Zedroof Details



below: Detail 15  
North roof detail of Section BB'



below: Detail 16  
Ridge detail of Section BB'



——— Aluminium Flashing  
——— Waterproof Membrane  
- - - - - Airtightness Membrane

Client:  
Barnards  
 Project:  
**Semi-Det dwellings**  
 rear of 20 Hatherley Road  
 Sidcup  
 DA14 4BG

Rev	Date	Amendments

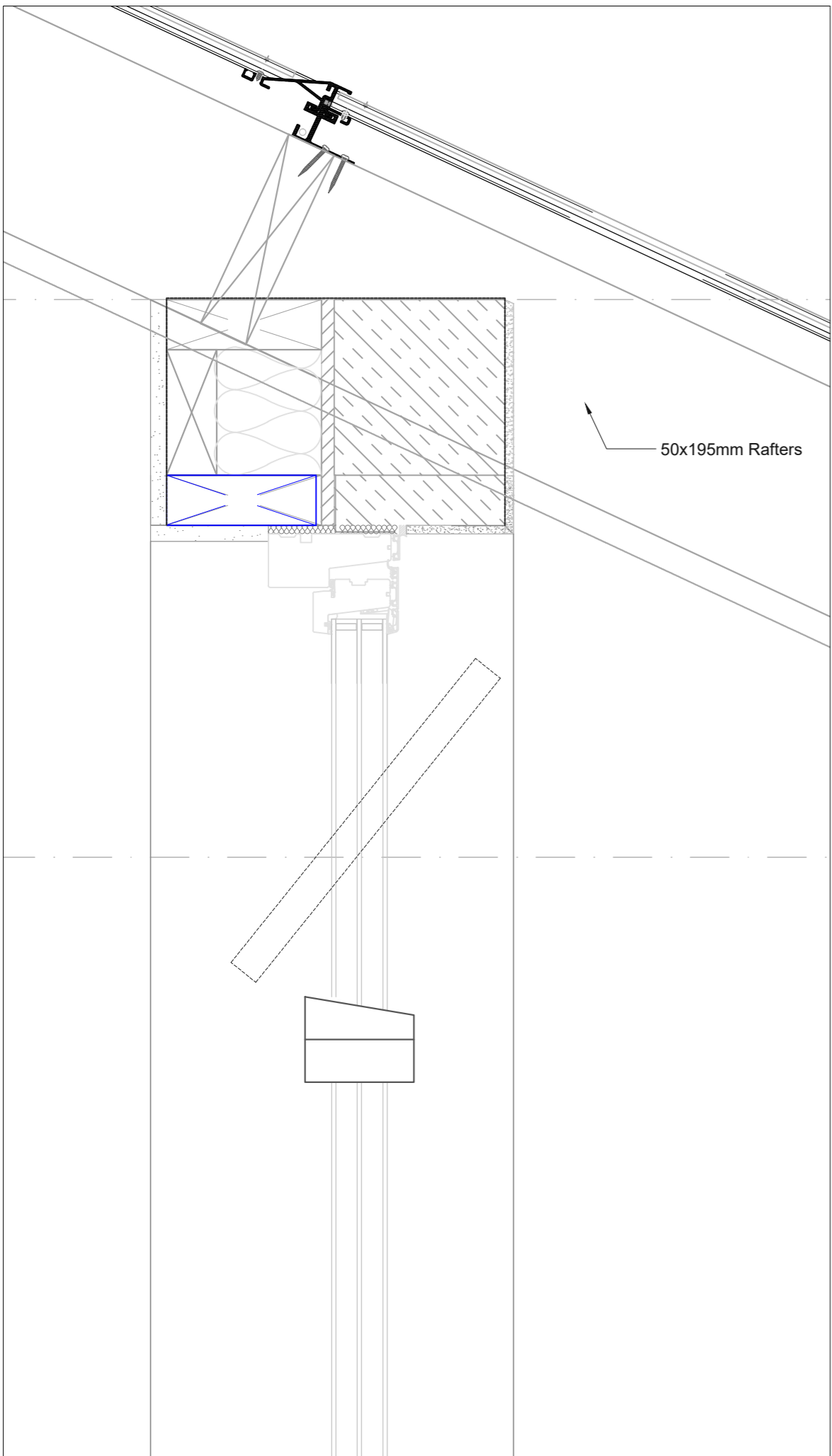
Drawing Title:  
ZEDRoof Details  
 issued for: Construction  
 Drawing Number: 322\_6\_611  
 Created: 15.11.2019

drawn/updated by: TD  
 checked by: BD  
 Rev. A  
 Scale: 1:10 @ A3

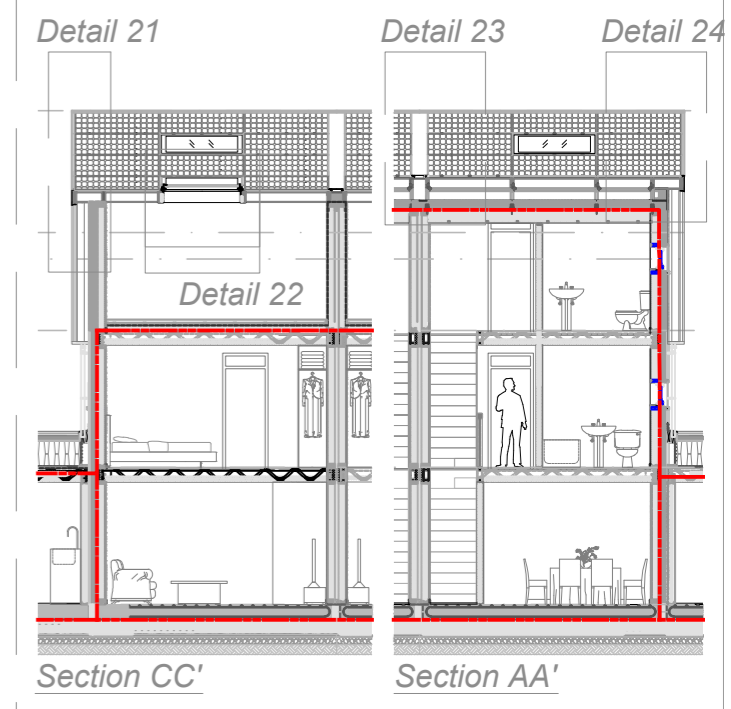
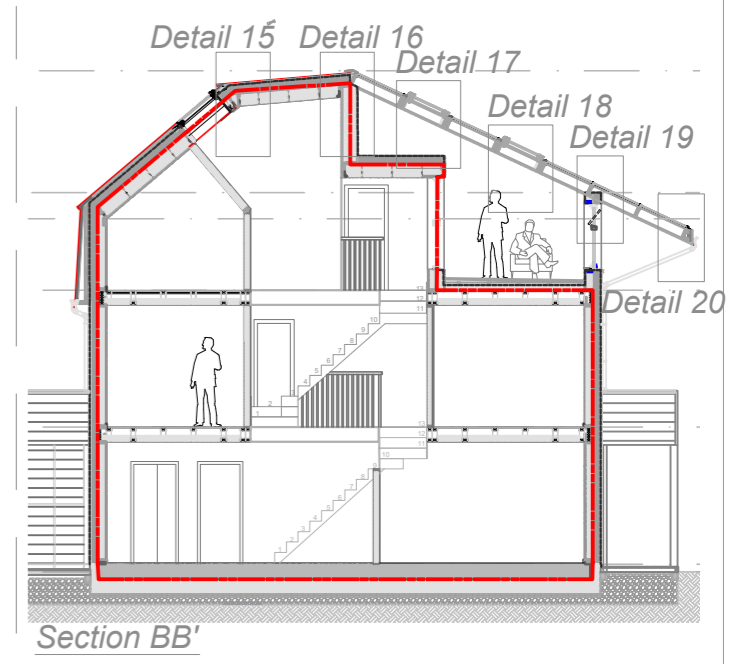
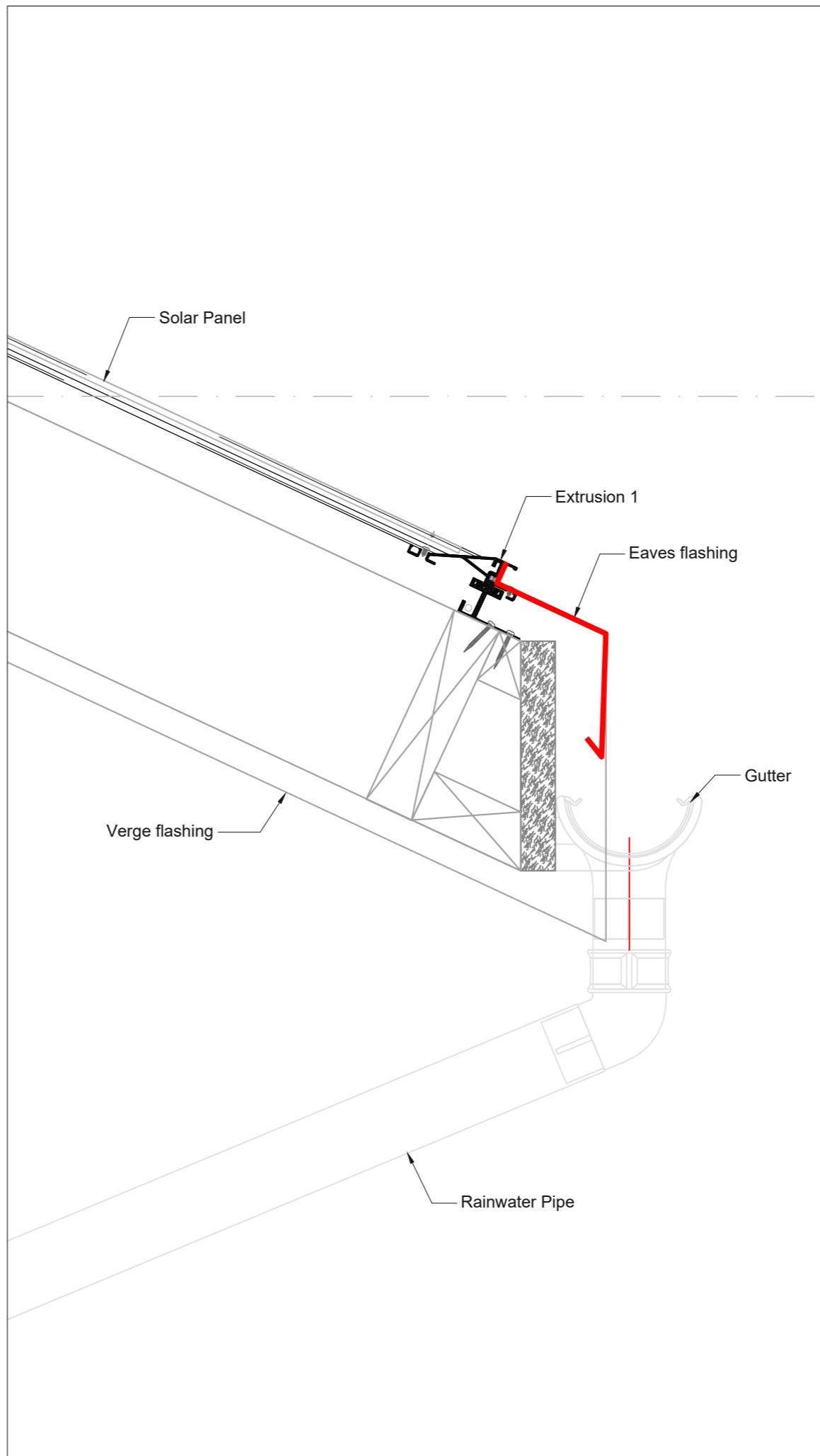
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 E mail@zed-power.com  
 www.zed-power.com

Do not scale, use figured dimensions only. Unless stated otherwise, these drawings represent design intent only and approved assembly drawings will be required from the Trade Contractor prior to any work and for procurement being undertaken

below: Detail 19  
Solar Loft wall to roof detail of Section BB'



below: Detail 20  
Eaves detail of Section BB'



Client:  
Barnards

Project:  
**Semi-Det dwellings**  
rear of 20 Hatherley Road  
Sidcup  
DA14 4BG

Drawing Title:  
ZEDRoof Details

issued for:	drawn by/updated by:	checked by:
Construction	TD	BD

Drawing Number:  
**322\_6\_612**

Rev. **A**

Created:  
15.11.2019

Scale:  
1:10 @ A3

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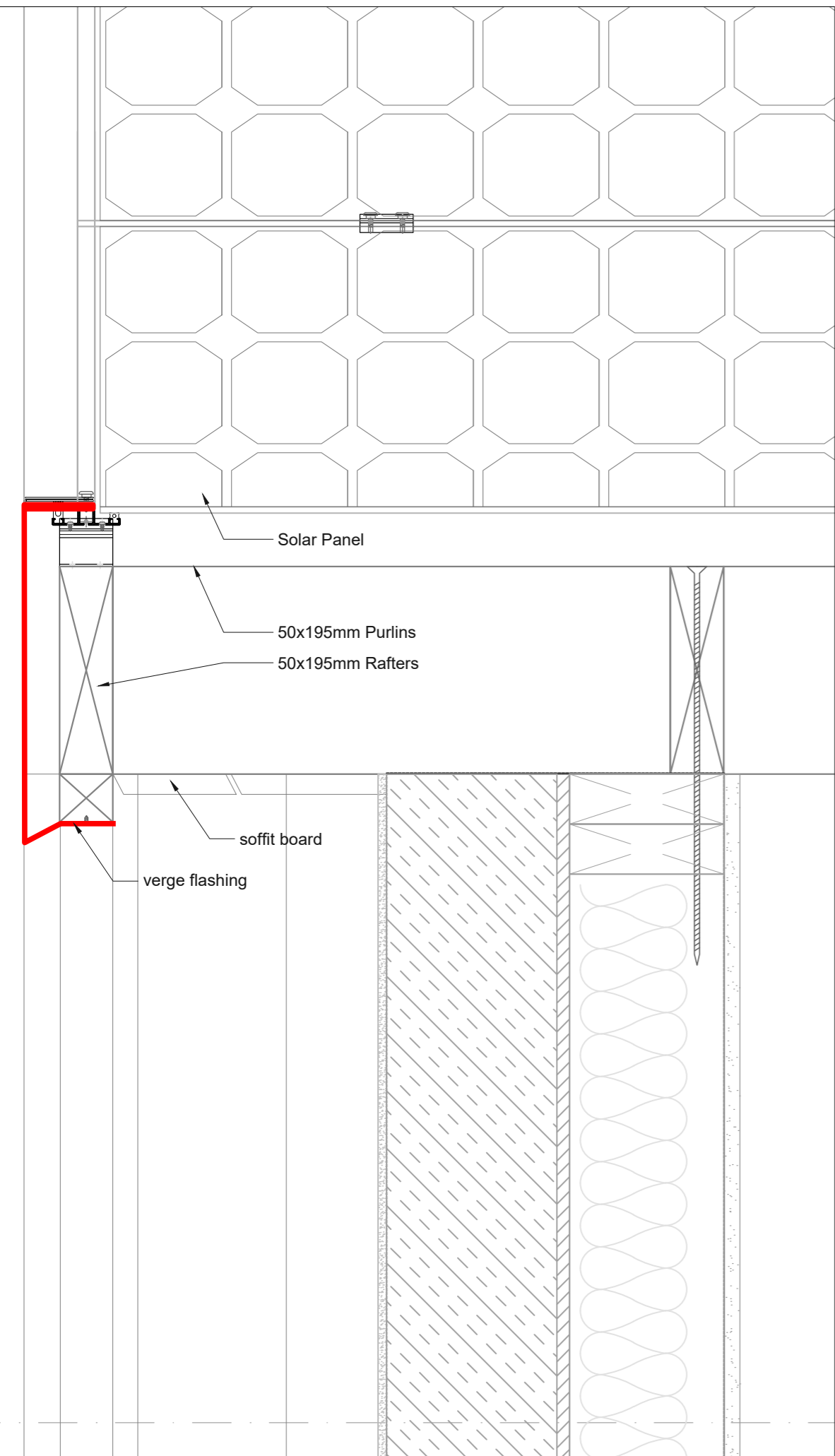
Do not scale, use figured dimensions only. Unless stated otherwise, these drawings represent design intent only and approved assembly drawings will be required from the Trade Contractor prior to any work and for procurement being undertaken

- Aluminium Flashing
- Waterproof Membrane
- Airtightness Membrane

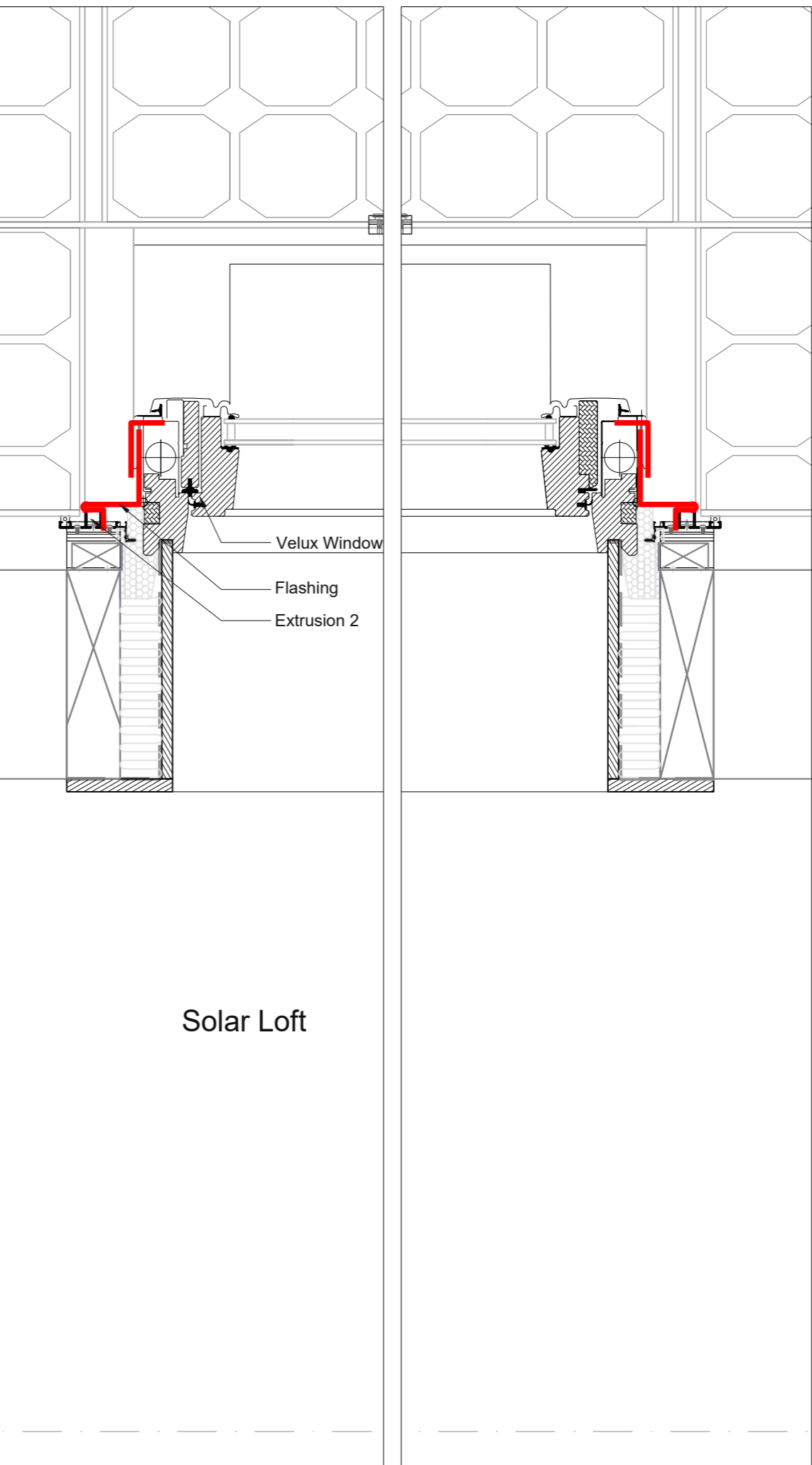
Revisions Table		
Rev	Date	Amendments
A	29/01/2021	



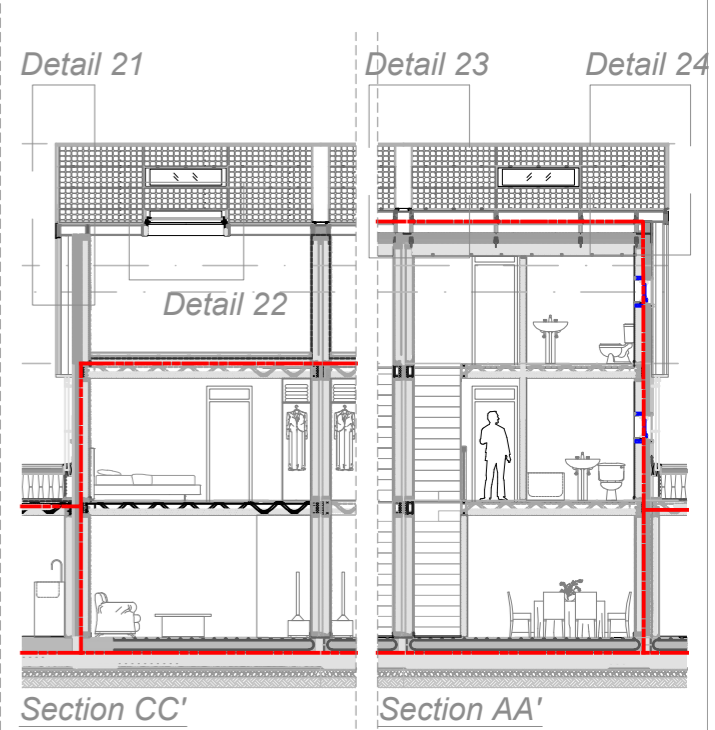
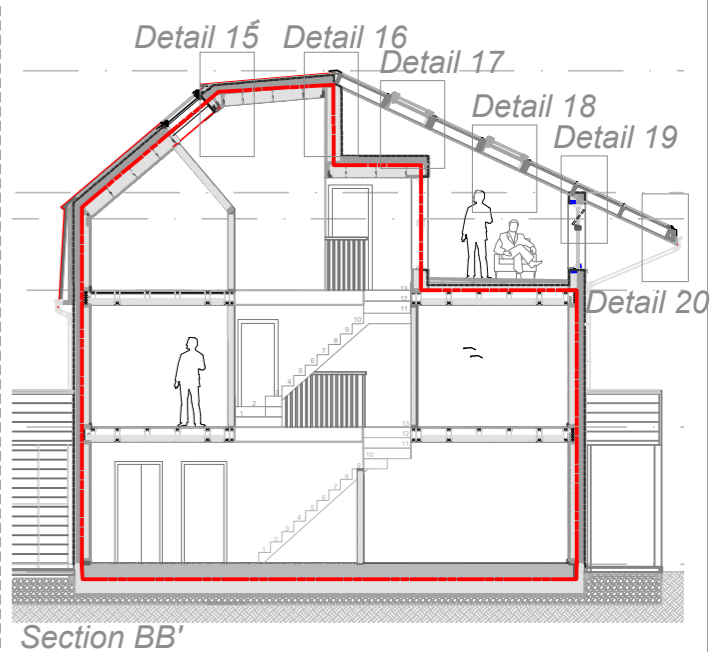
below: Detail 21  
Solar Loft verge detail of Section CC'



below: Detail 22  
Solar Loft Velux Window detail of Section CC'



Solar Loft



<p>Client: Barnards</p> <p>Project: Semi-Det dwellings rear of 20 Hatherley Road Sidcup DA14 4BG</p>	
<p>Drawing Title: ZEDRoof Details</p>	
<p>issued for: Construction</p>	<p>drawn by/ updated by: TD</p>
<p>checked by: BD</p>	<p>Rev. -</p>
<p>Drawing Number: 322_6_613</p>	<p>Scale: 1:10 @ A3</p>
<p>Created: 15.11.2019</p>	<p>Scale: 1:10 @ A3</p>
<p><b>ZEDpower</b> ZEDpower, 21 Sandmartin Way, London SM6 7DF T 020 8404 1380 F 020 8404 2039 E mail@zed-power.com www.zed-power.com</p>	
<p><small>Do not scale, use figured dimensions only. Unless stated otherwise, these drawings represent design intent only and approved assembly drawings will be required from the Trade Contractor prior to any work and for procurement being undertaken</small></p>	

- Aluminium Flashing
- Waterproof Membrane
- - - Airtightness Membrane

Revisions Table		
Rev	Date	Amendments

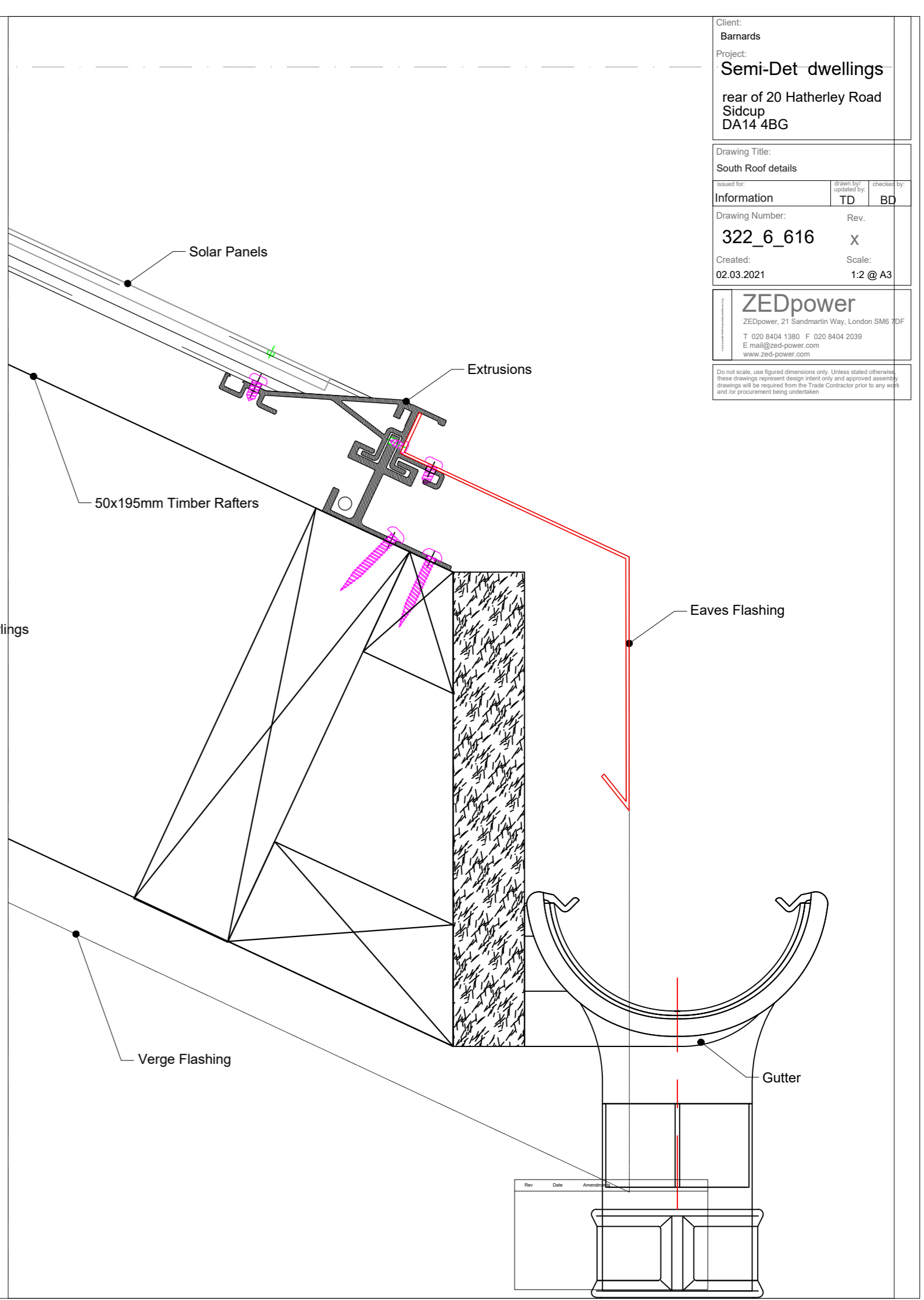
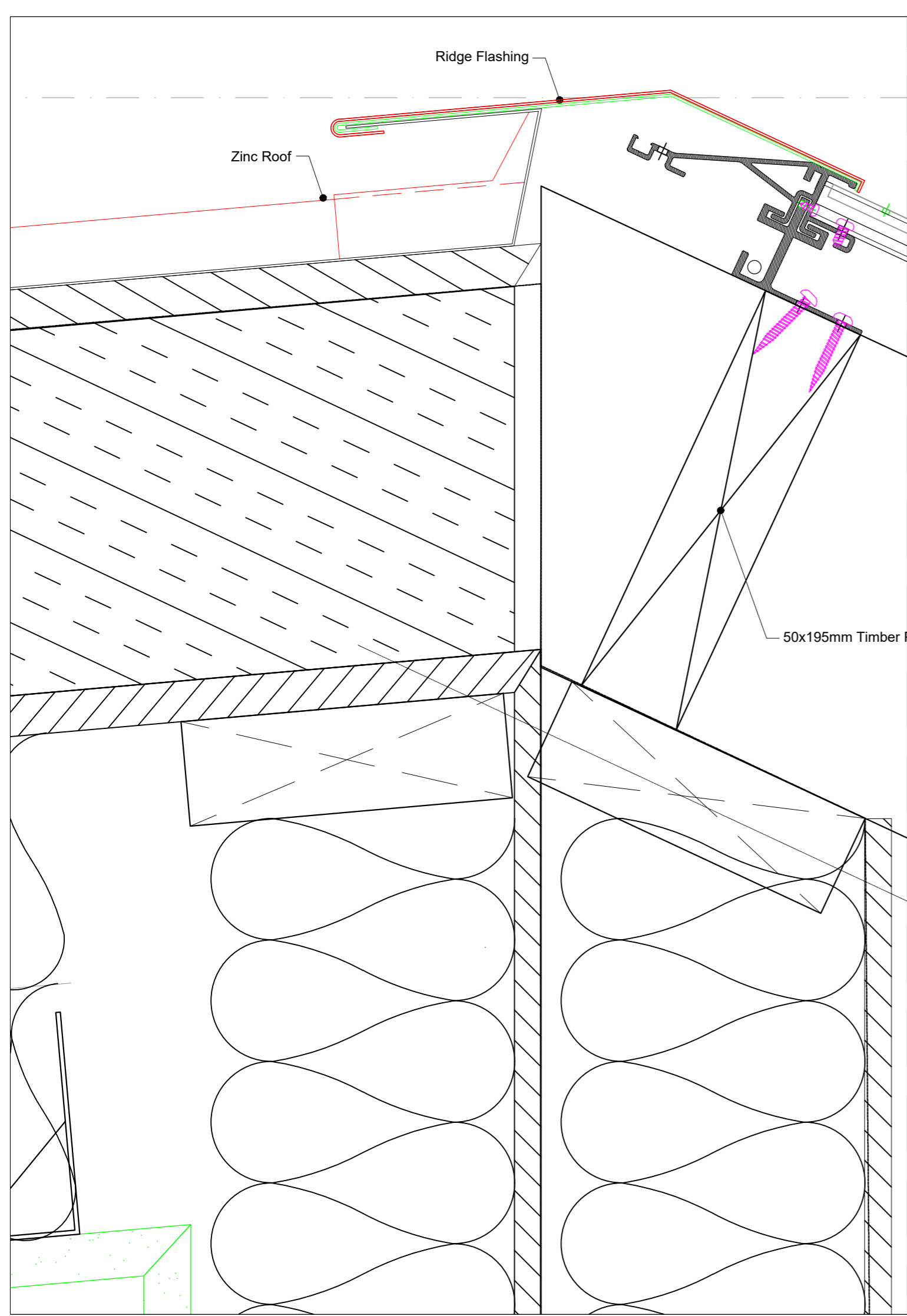
Client:  
Barnards  
Project:  
**Semi-Det dwellings**  
rear of 20 Hatherley Road  
Sidcup  
DA14 4BG

Drawing Title:  
South Roof details

Information	drawn by: TD	checked by: BD
Drawing Number: <b>322_6_616</b>	Rev. X	
Created: 02.03.2021	Scale: 1:2 @ A3	

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Rev	Date	Amended

Client:  
**Barnards**  
 Project:  
**Semi-Det dwellings**  
 rear of 20 Hatherley Road  
 Sidcup  
 DA14 4BG

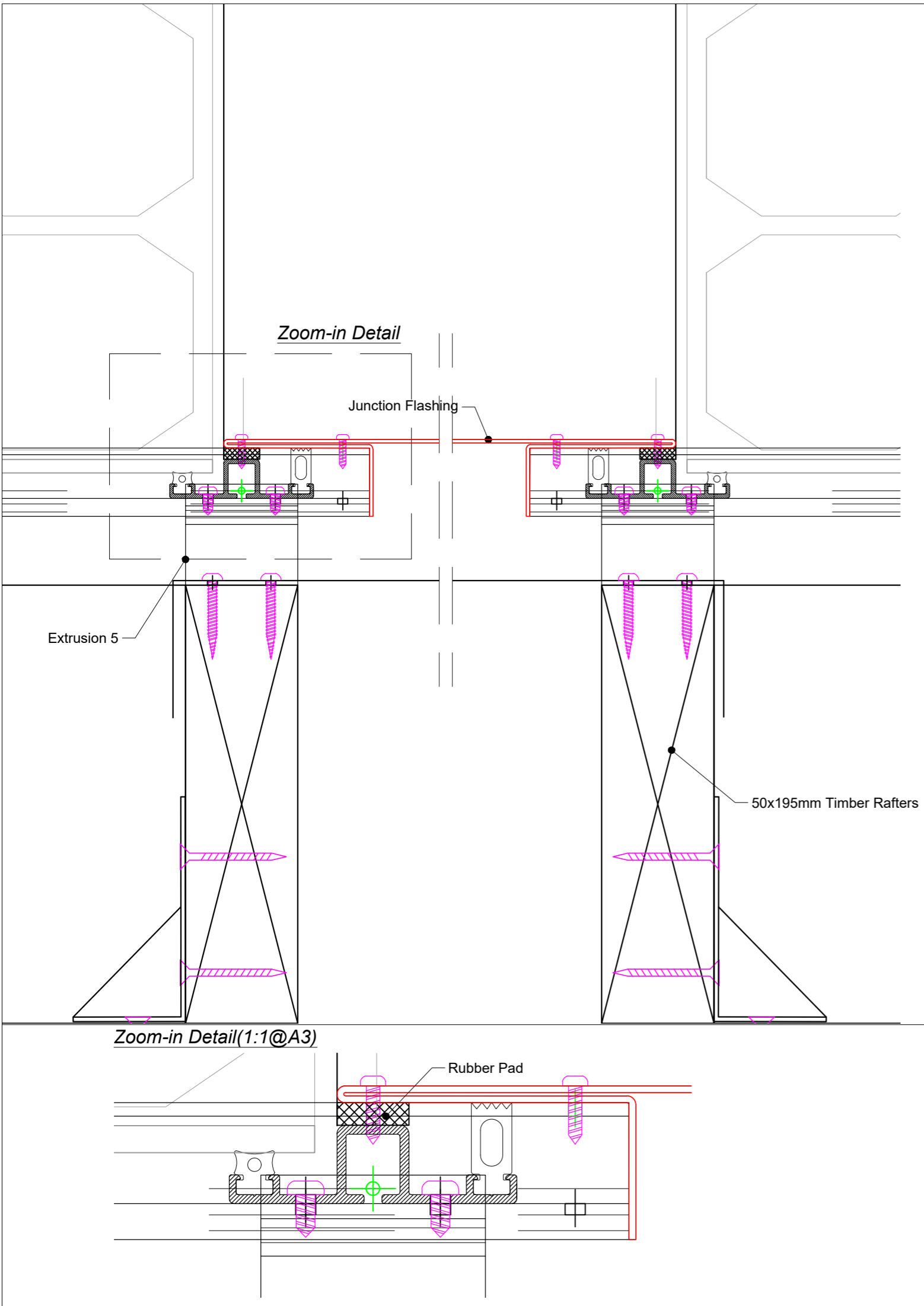
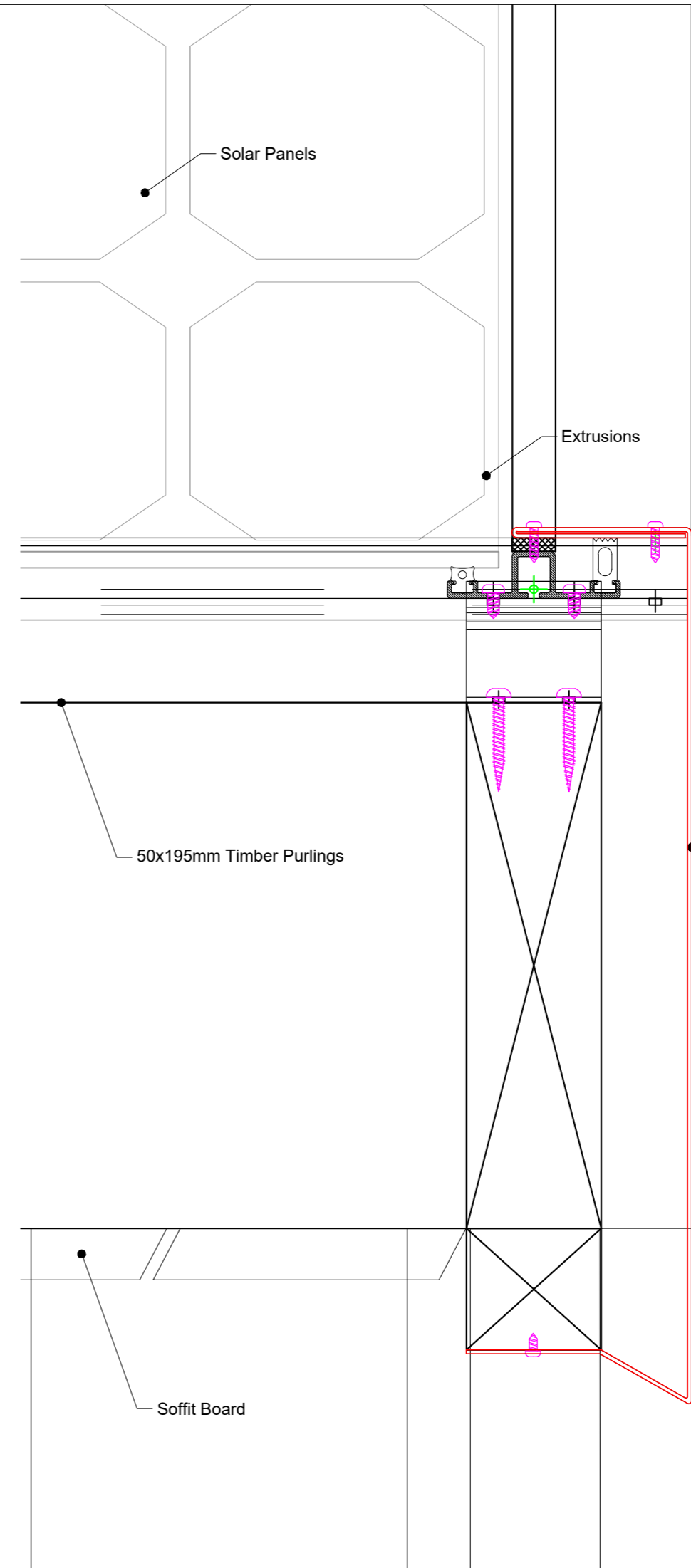
Drawing Title:  
**South Roof Details**

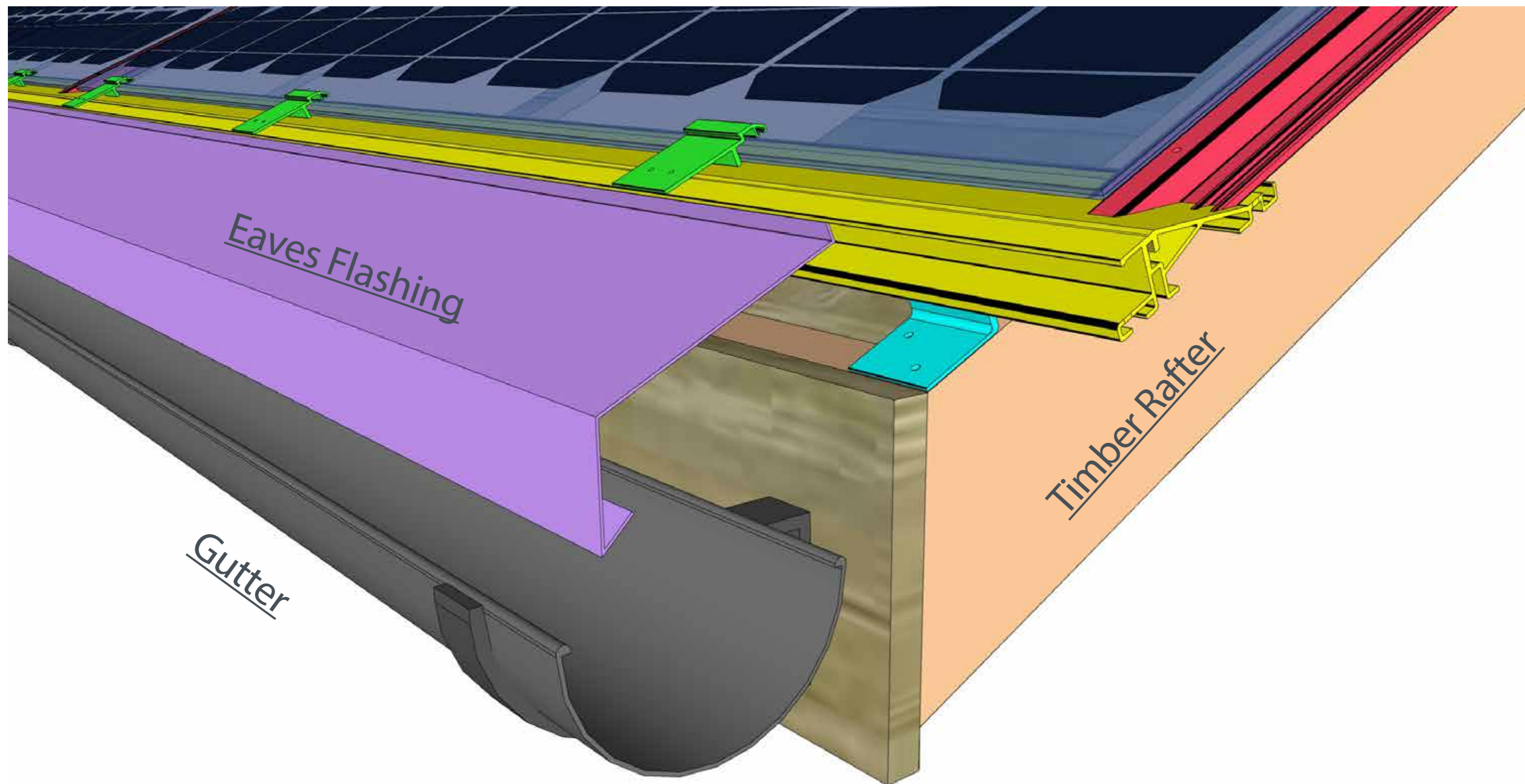
Issued for:	Drawn by/updated by:	Checked by:
Information	TD	BD
Drawing Number:	Rev.	
<b>322_6_617</b>	<b>X</b>	
Created:	Scale:	
02.03.2021	<b>1:2 @ A3</b>	

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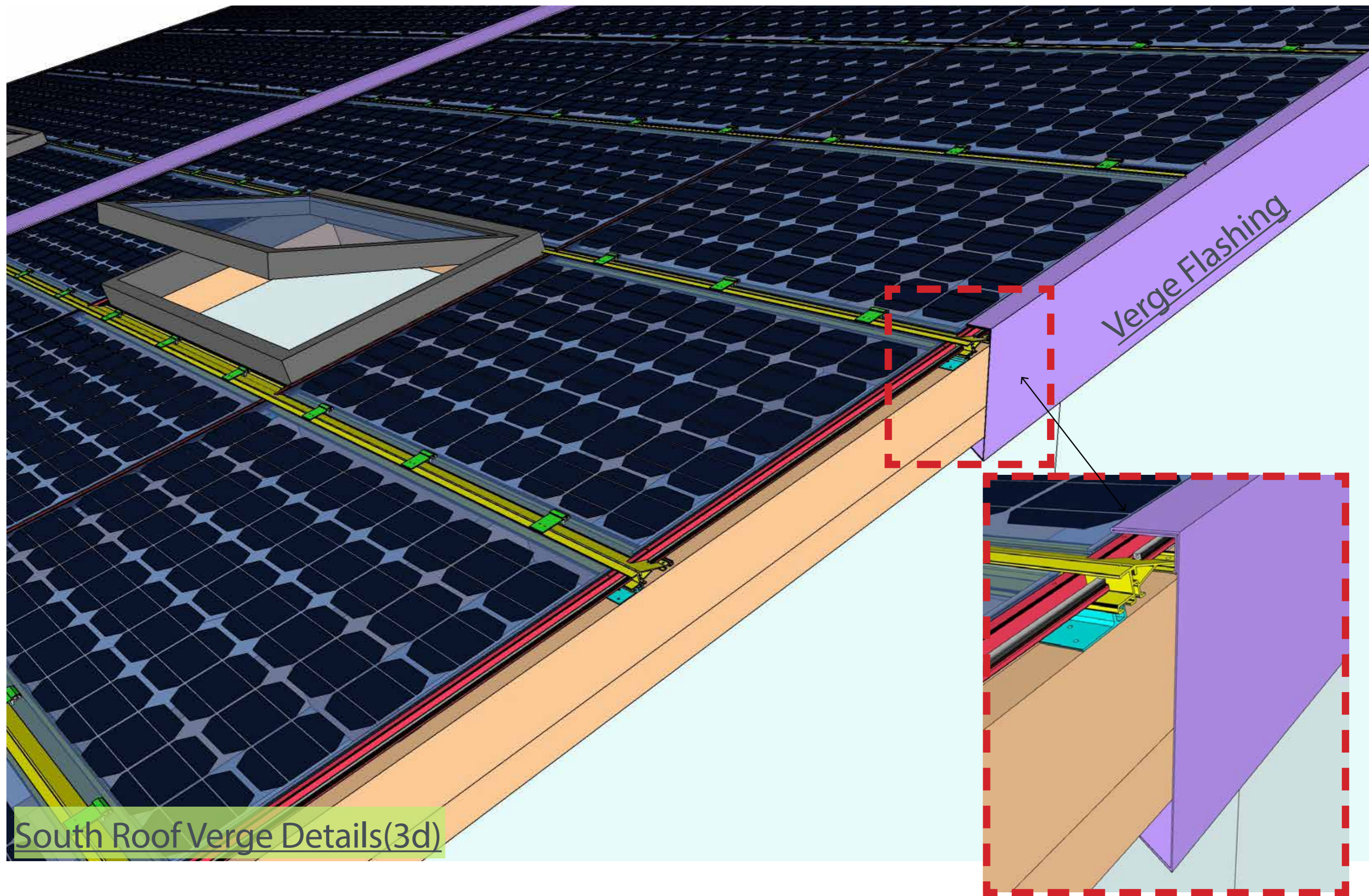
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Rev	Date	Amendments



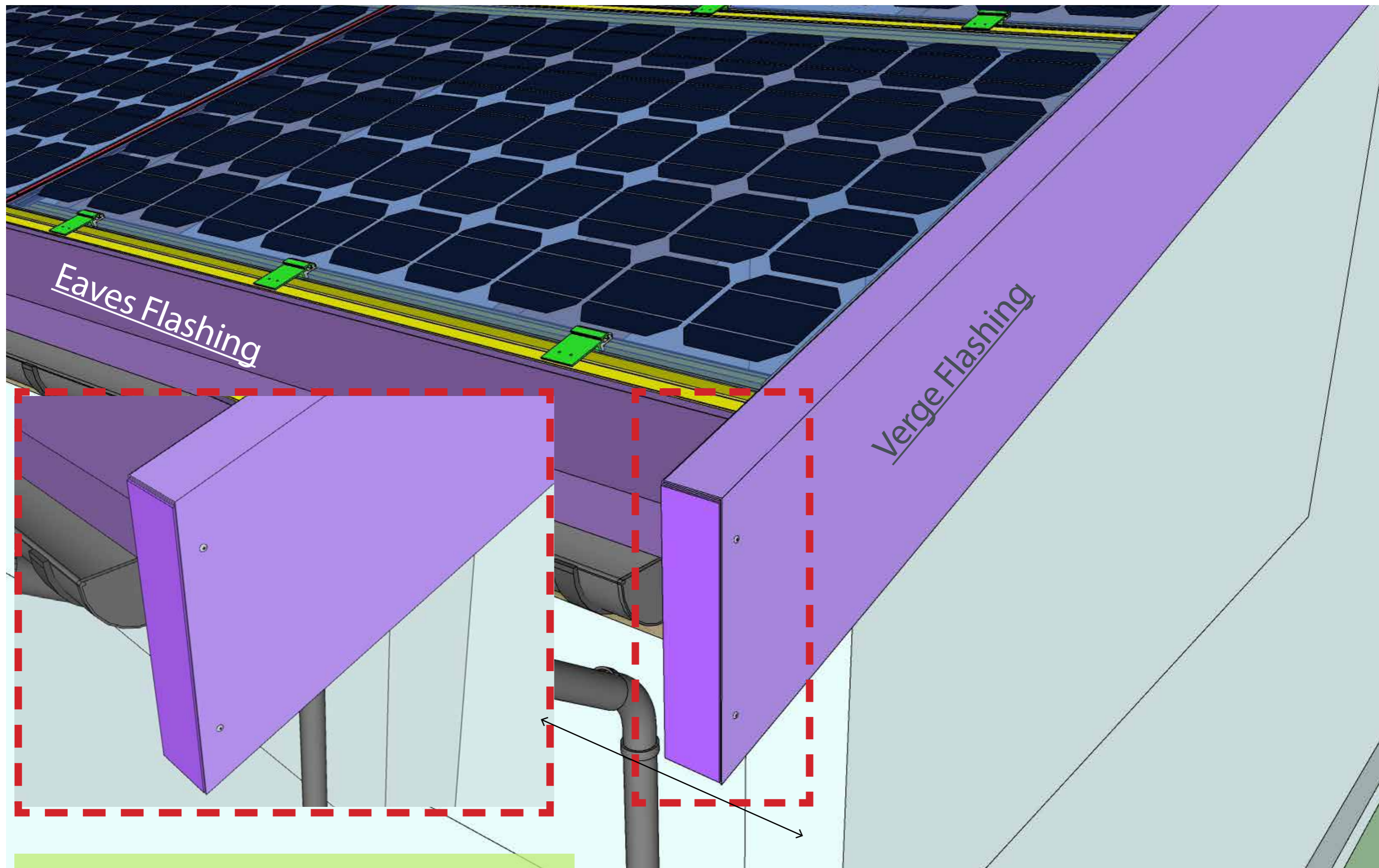


## South Roof Eaves Details(3d)



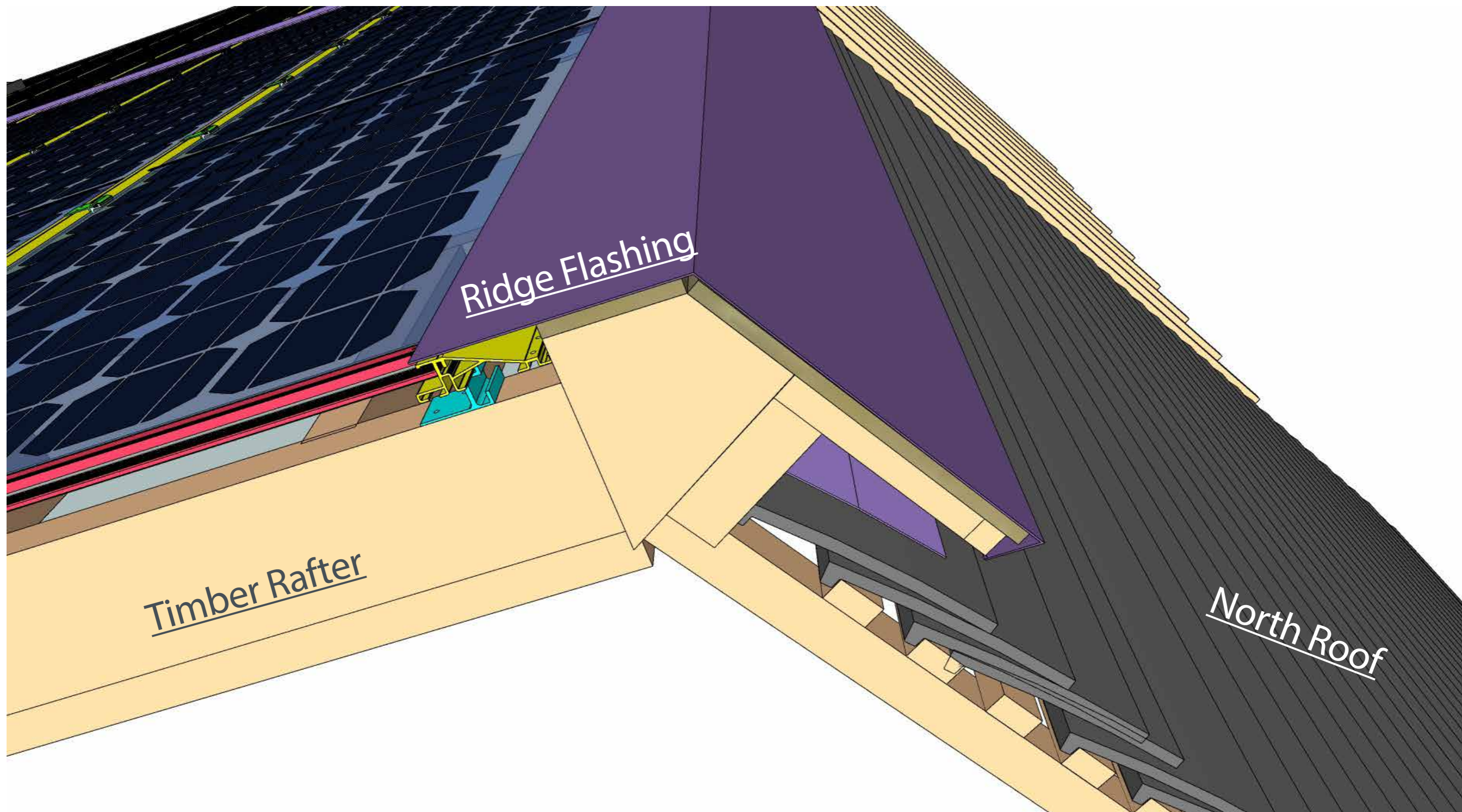
South Roof Verge Details(3d)

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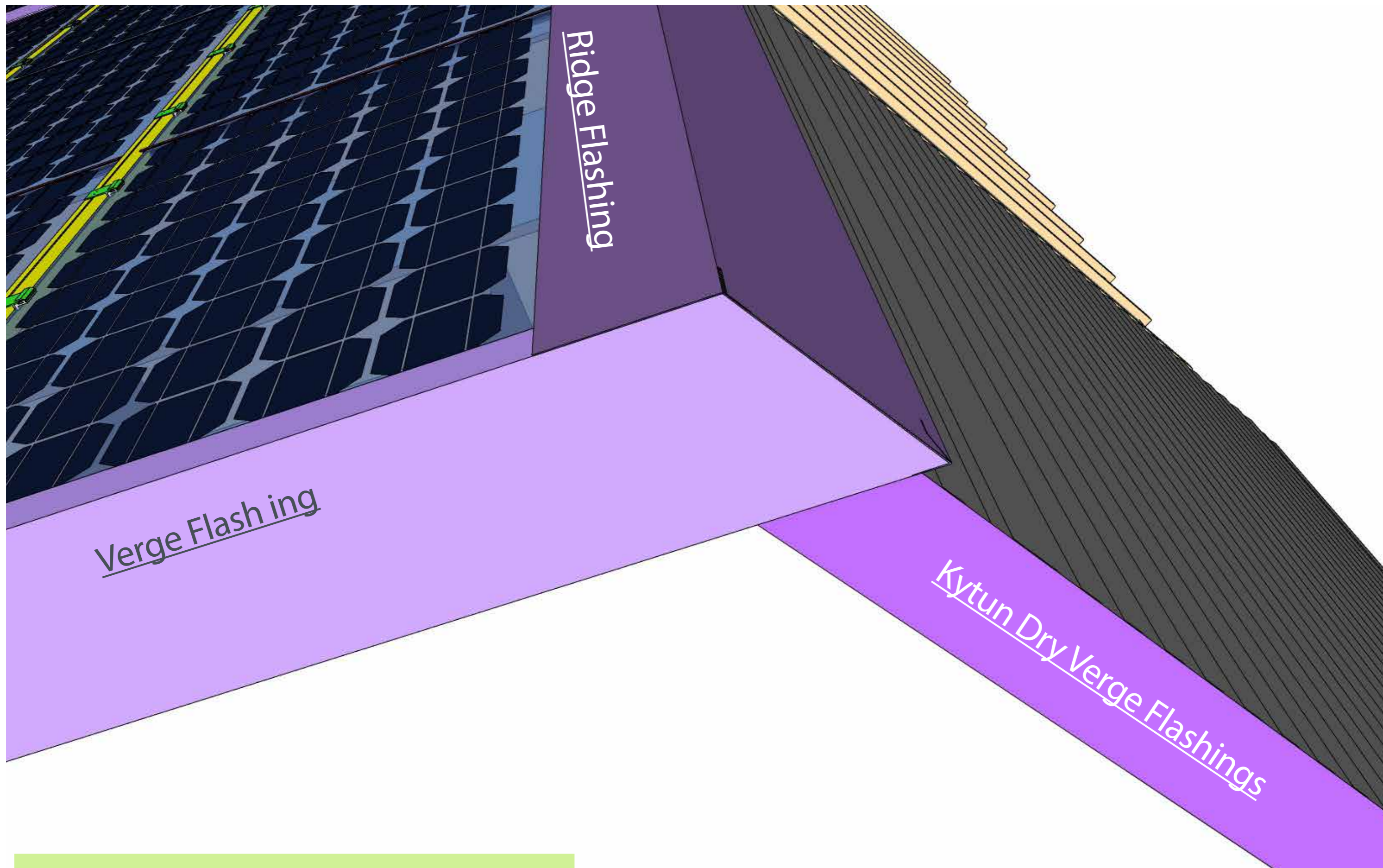


Verge Flashing meets Eaves Flashing

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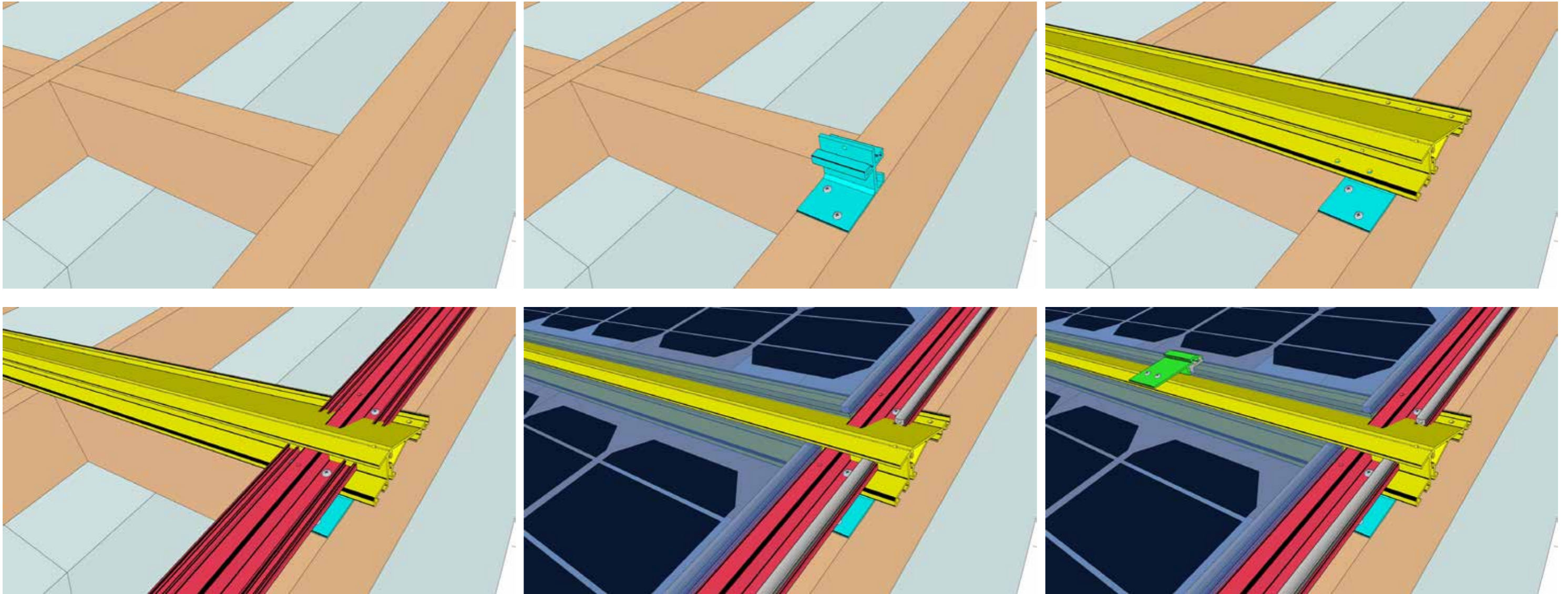
## Ridge Details(3d)

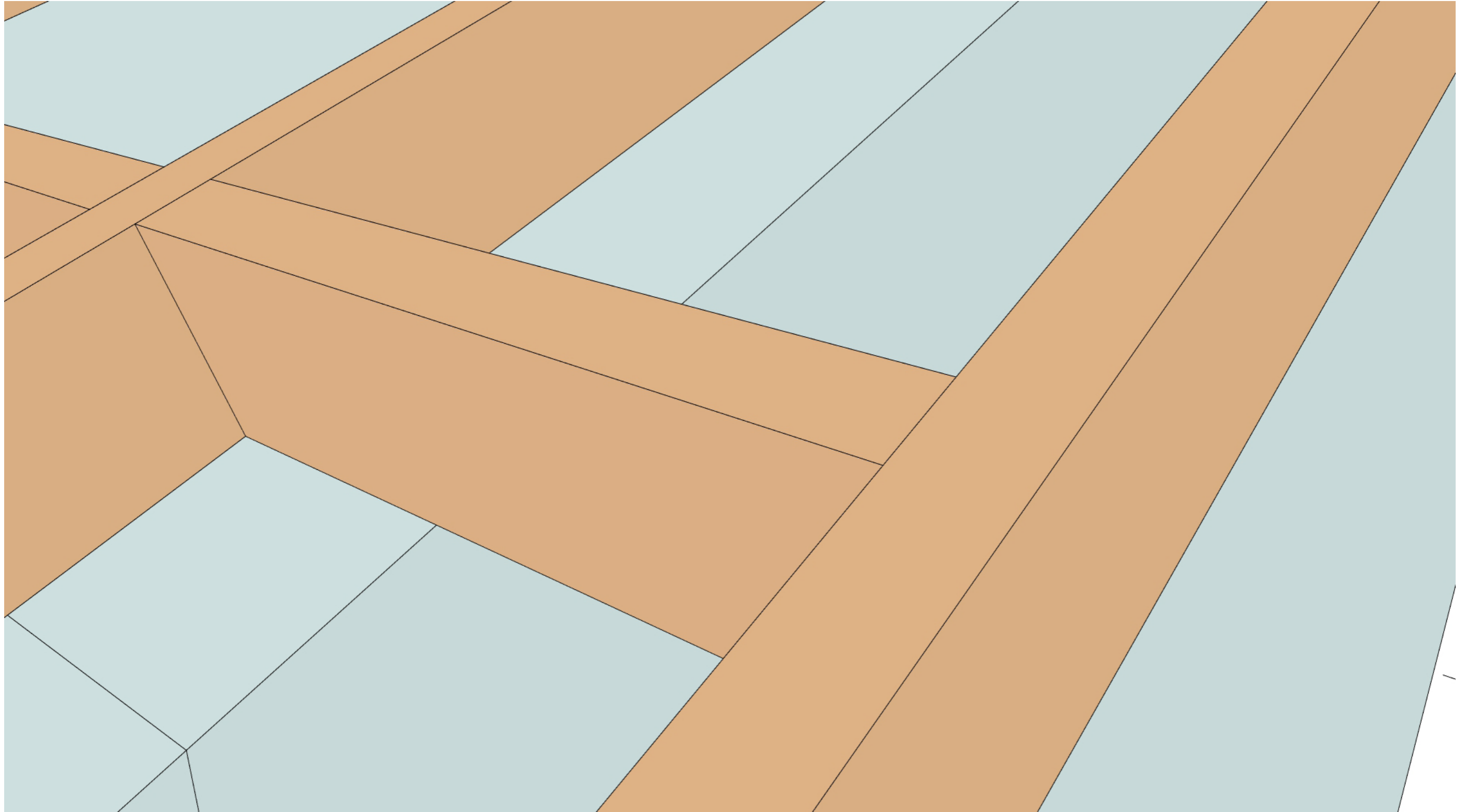


## Verge Flashing meets Ridge Flashing

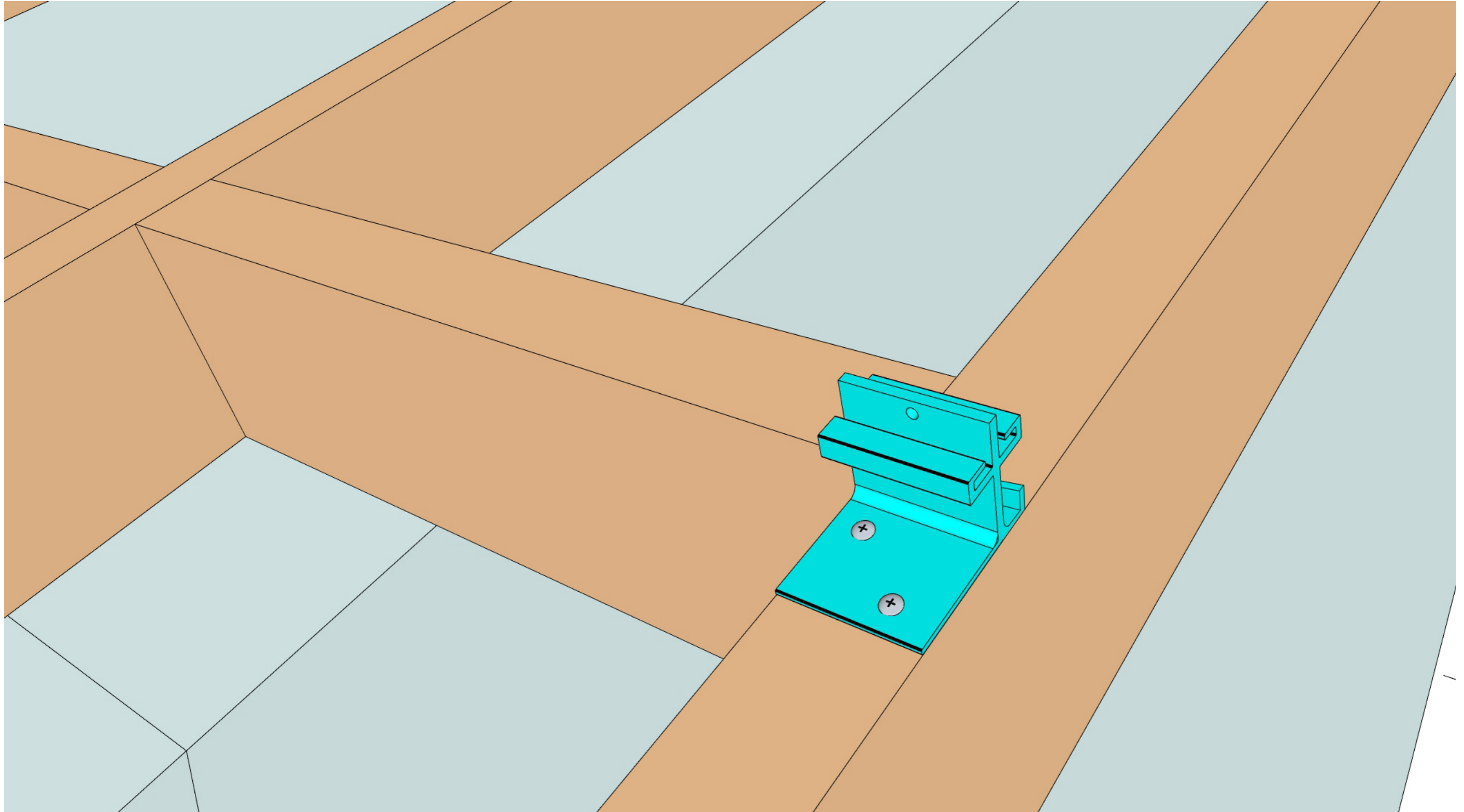


# 8. Construction Sequences

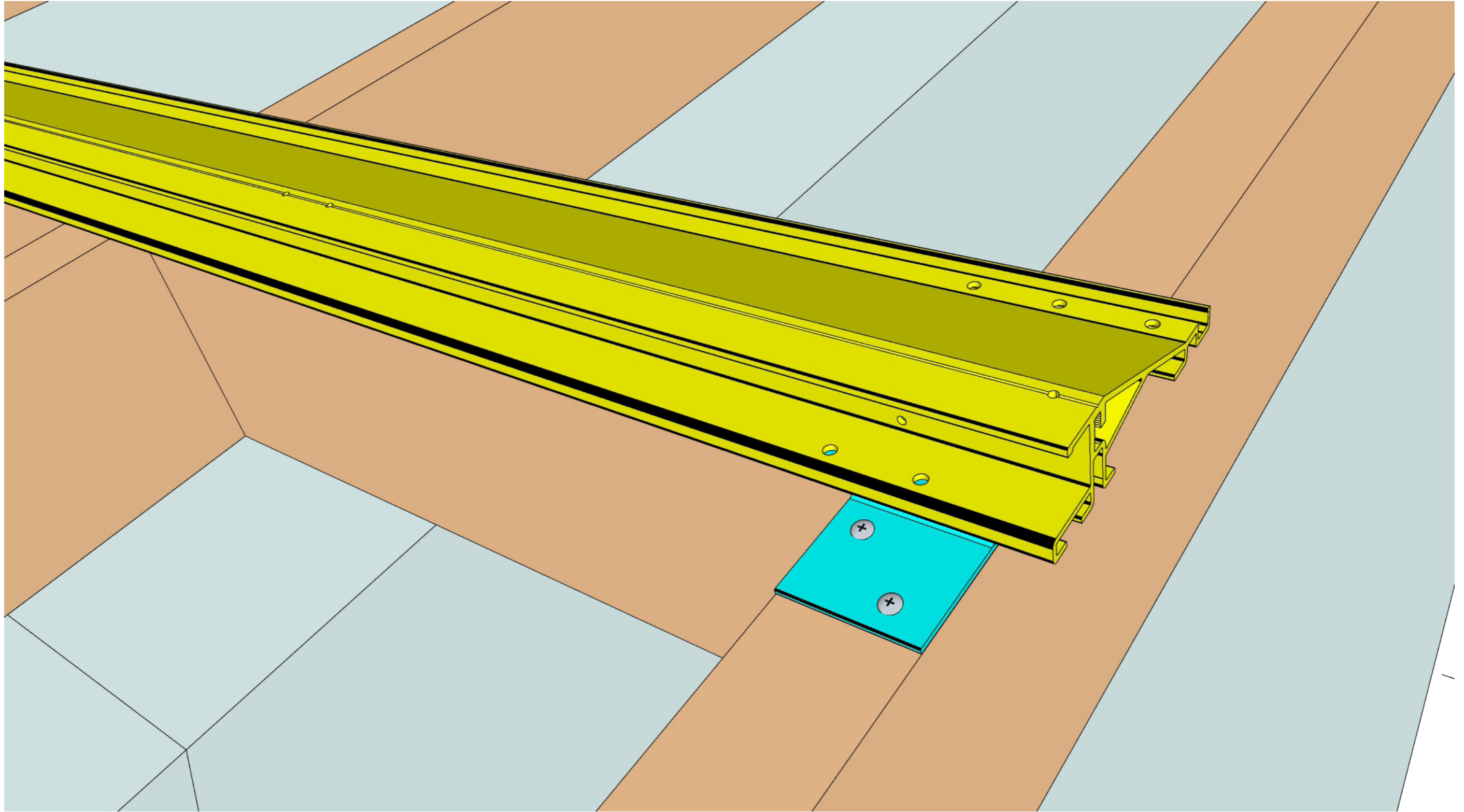




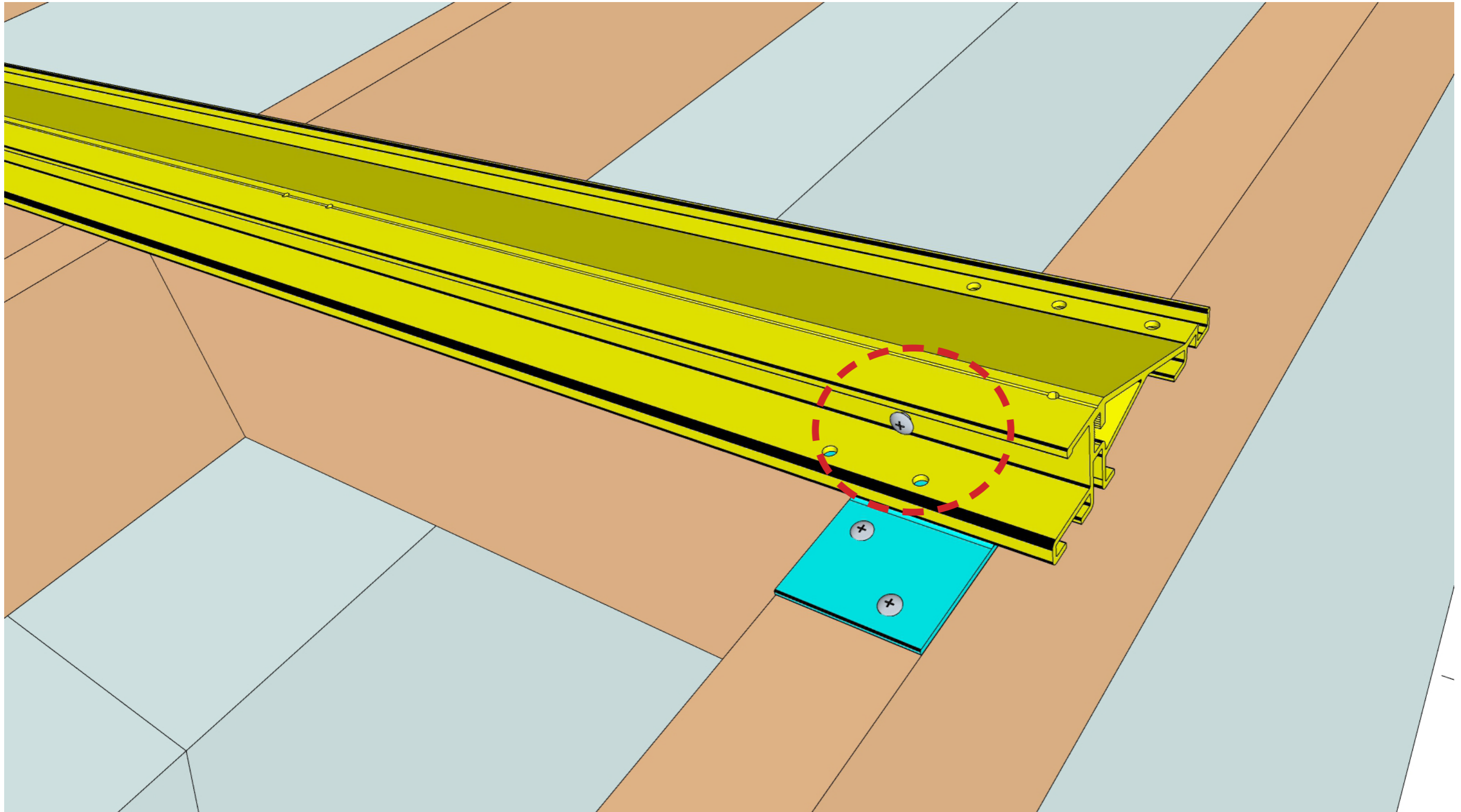
## Step 1-Timber Rafter



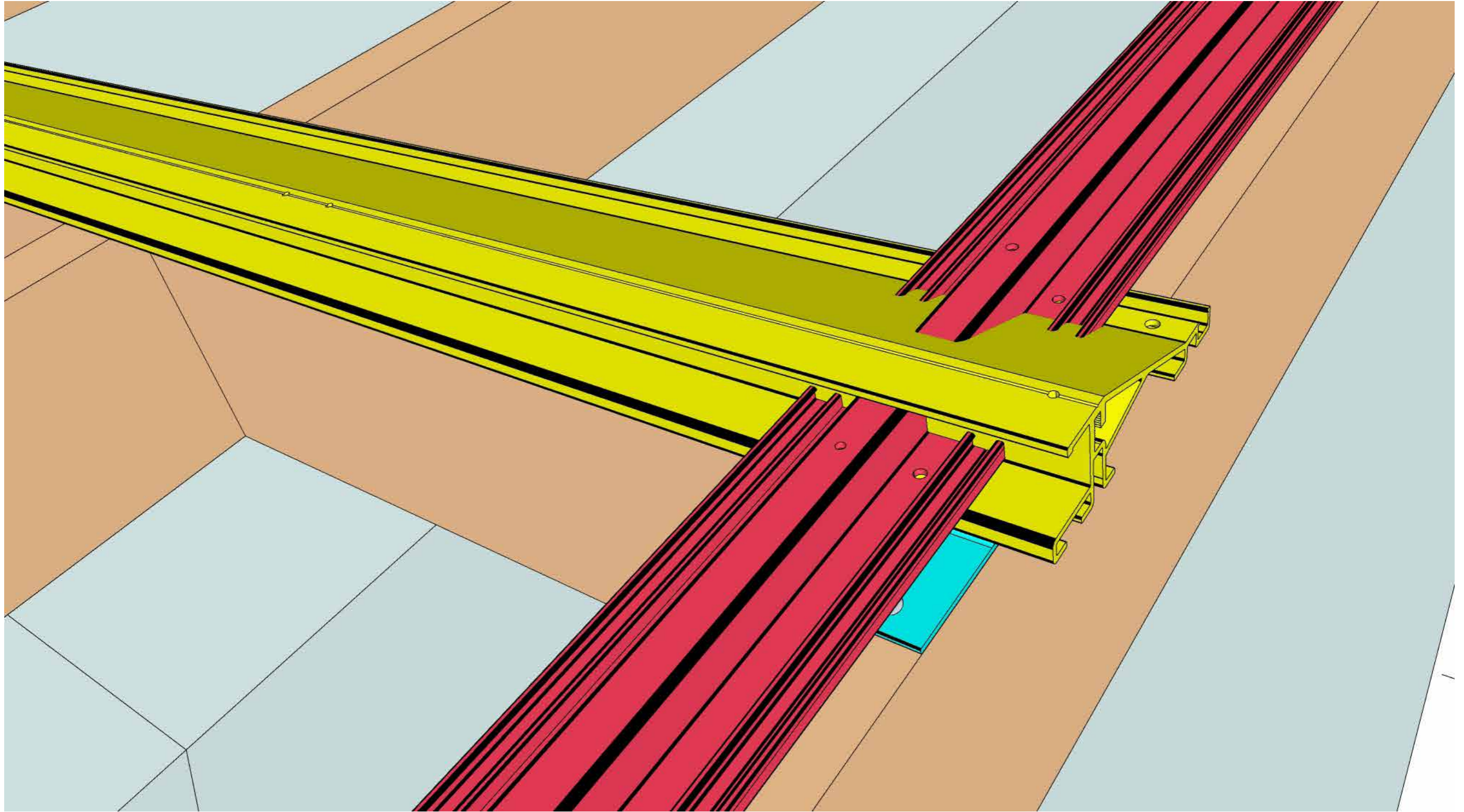
## Step 2-Extrusion 5 Supporting Brackets



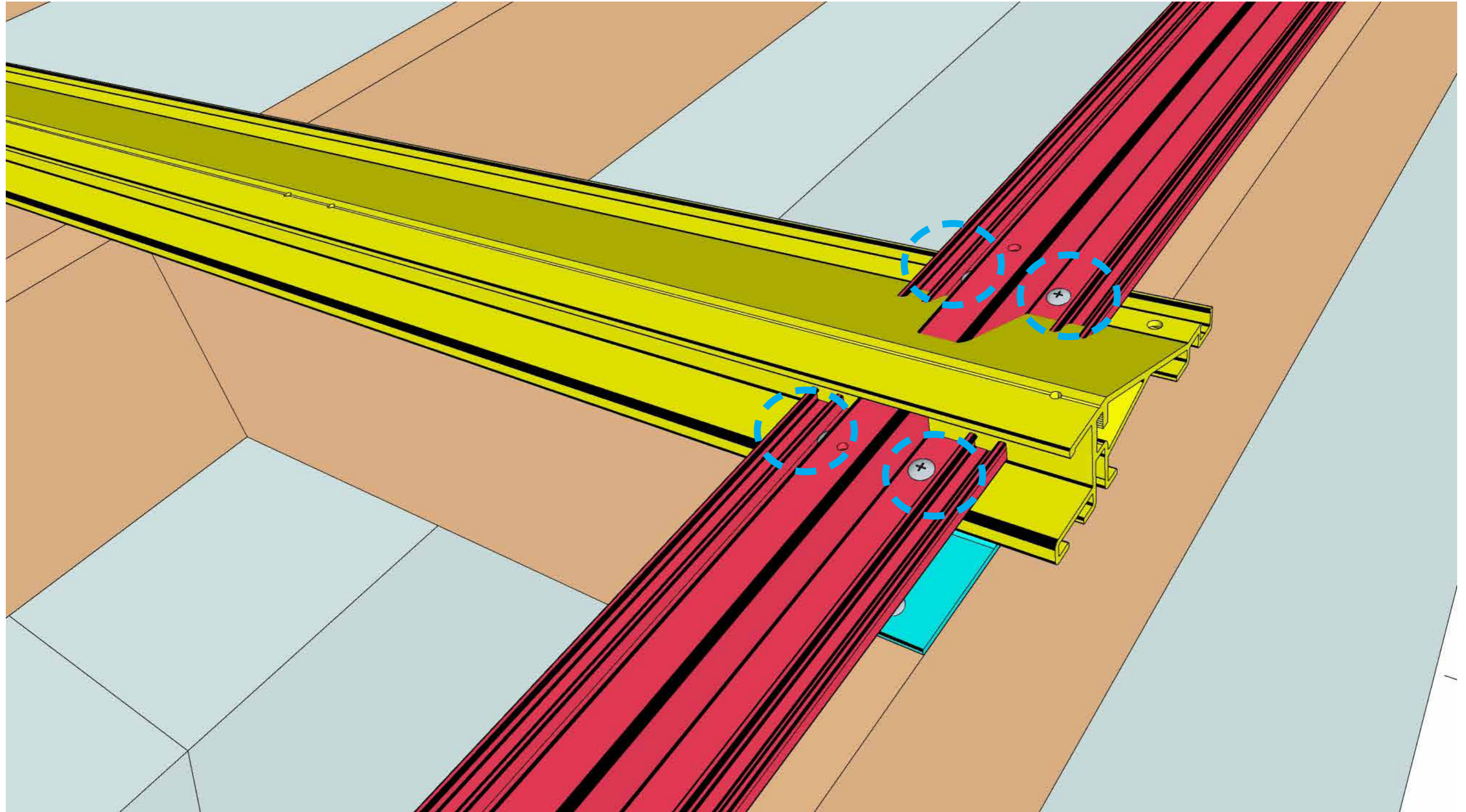
## Step 3-Slide Extrusion 1 in



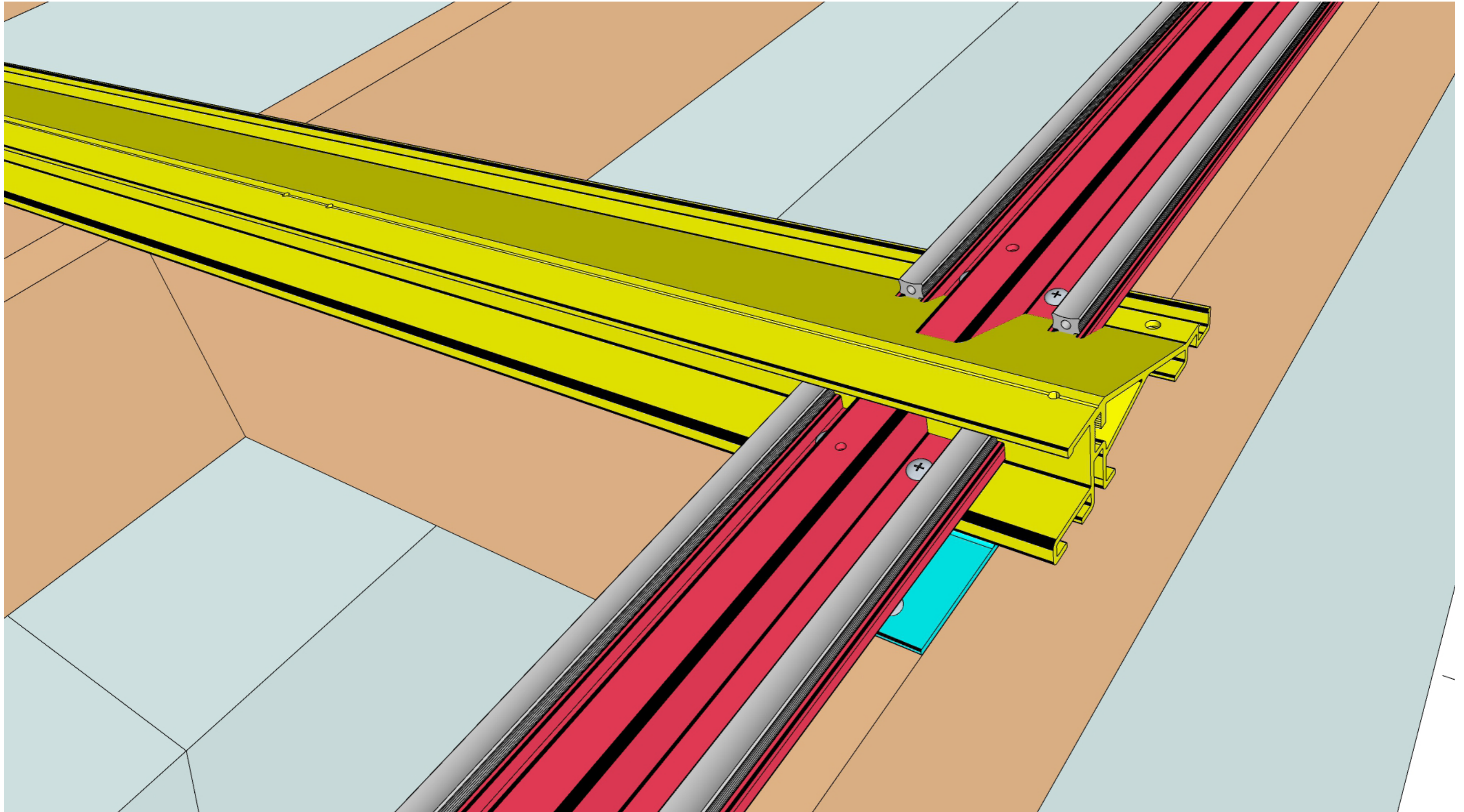
## Step 4-Screw Extrusion 1 to Bracket



## Step 5-Extrusion 2

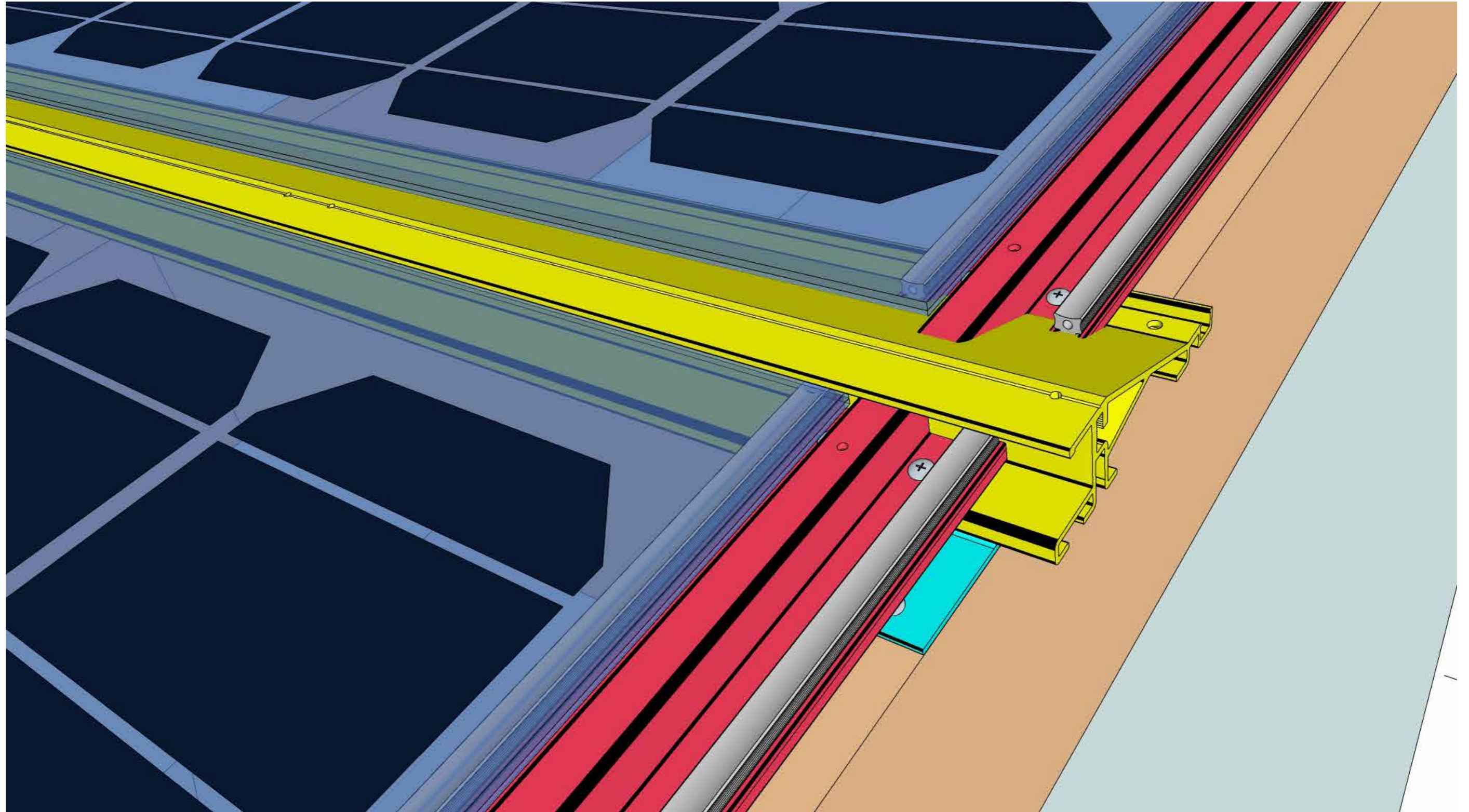


## Step 6-Screw Extrusion 2 to the Extrusion 1

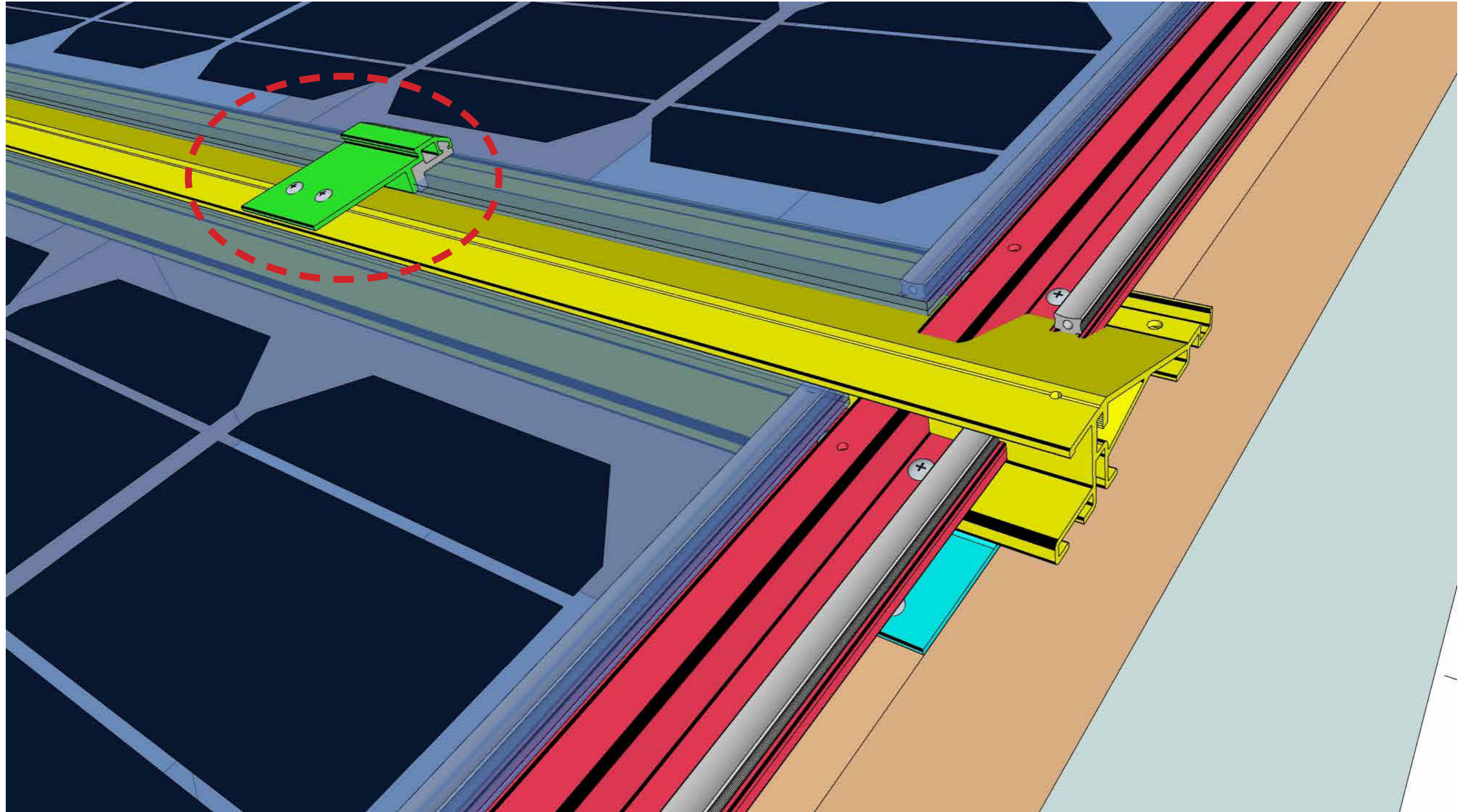


## Step 7-Slide gaskets in

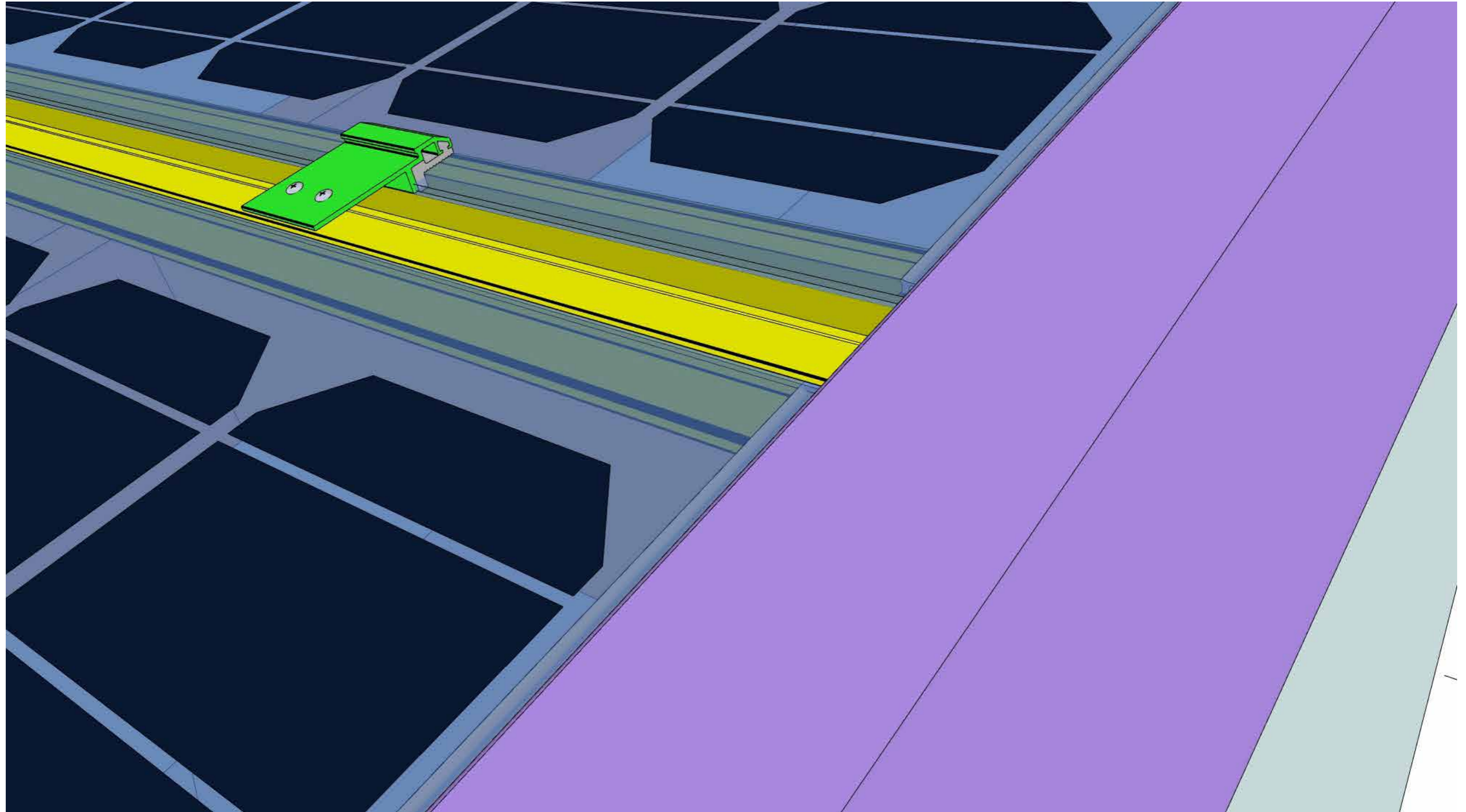




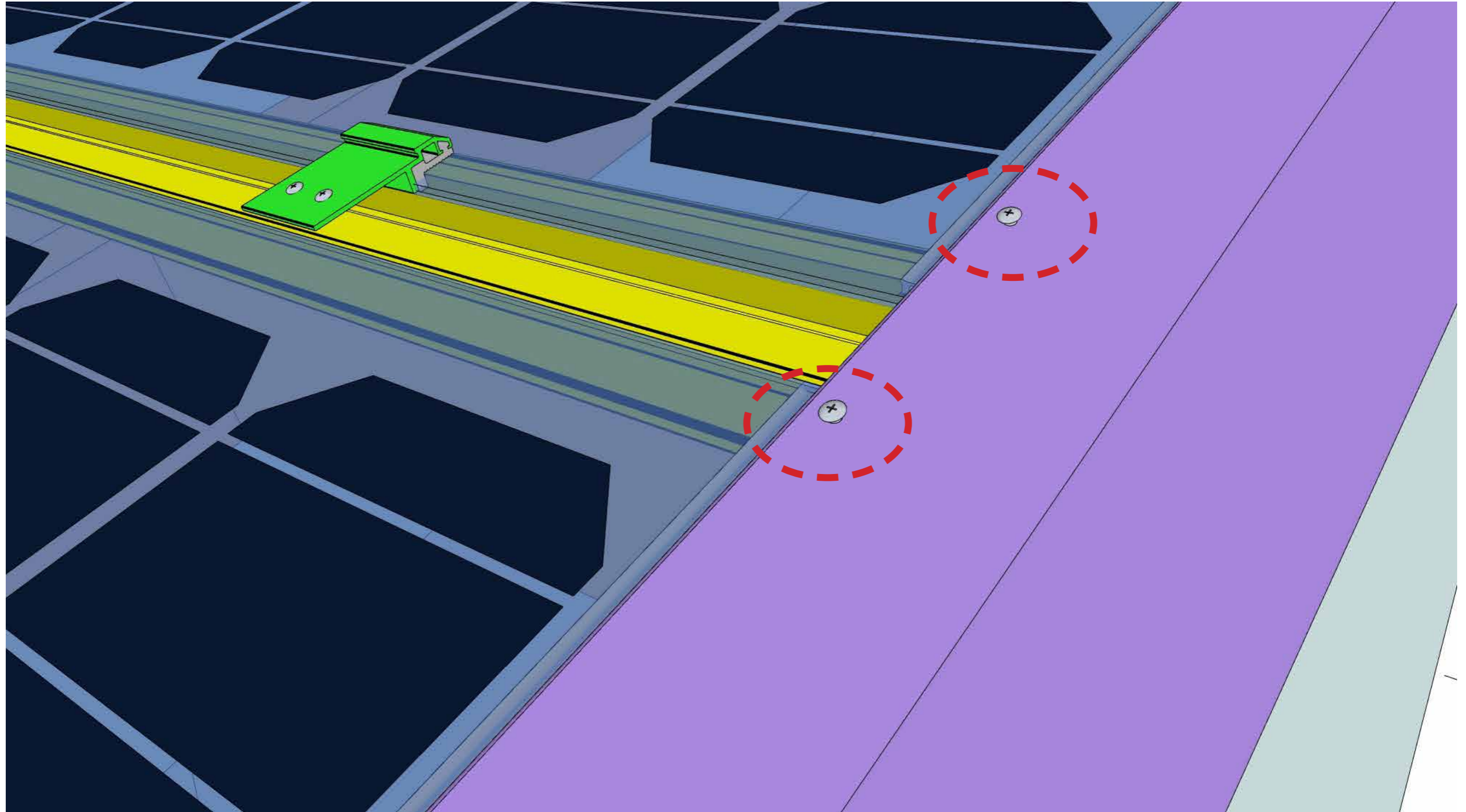
## Step 8-Solar Panels



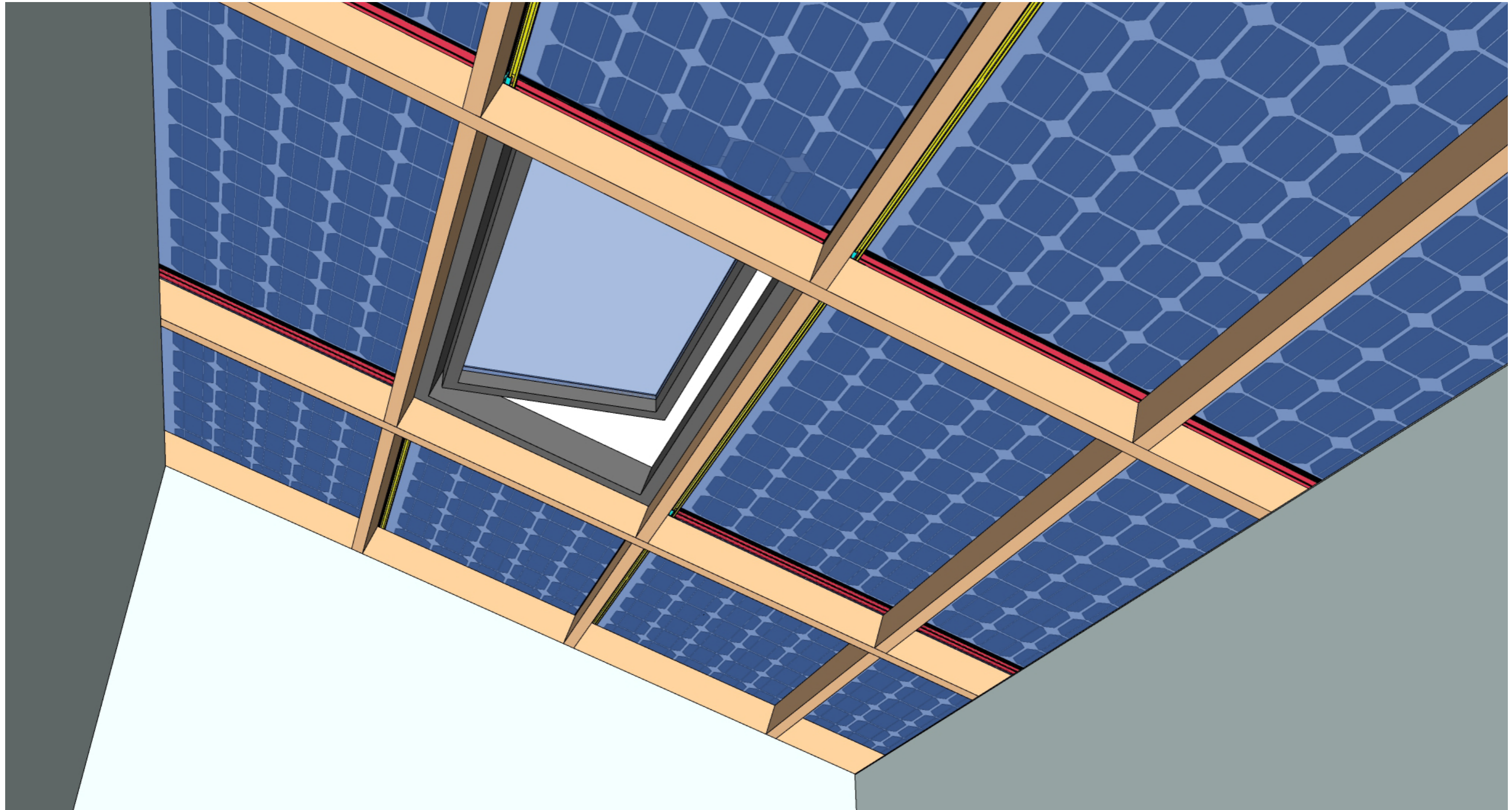
## Step 9-Extrusion 3+Gasket



## Step 10-Aluminium Flashing



## Step 11-Screw Aluminium Flashing to Extrusion 2



# ZEDPOWER Roof 2021\_Order Schedule