




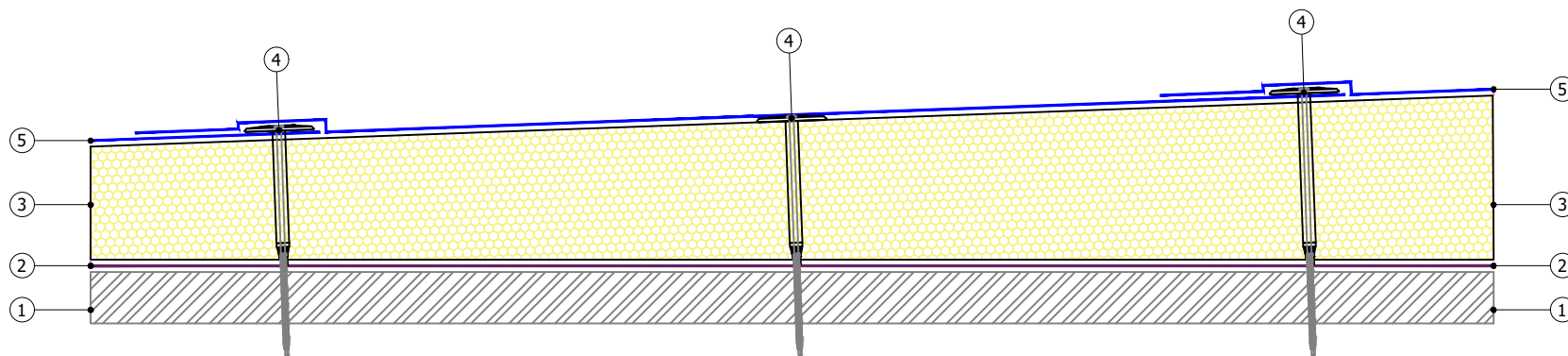
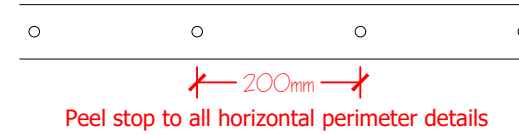


- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑤  **Proteus Pro-Felt® Endura AIRdhesive**

Lap Dimensions

Side Laps	≥ 120mm
End Laps	≥ 120mm
Upstand Laps	≥ 120mm

(All laps to be heat welded)



Proteus Waterproofing Ltd.

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All components are to be prepared and installed in strict accordance with Proteus Project Specification

Notes :

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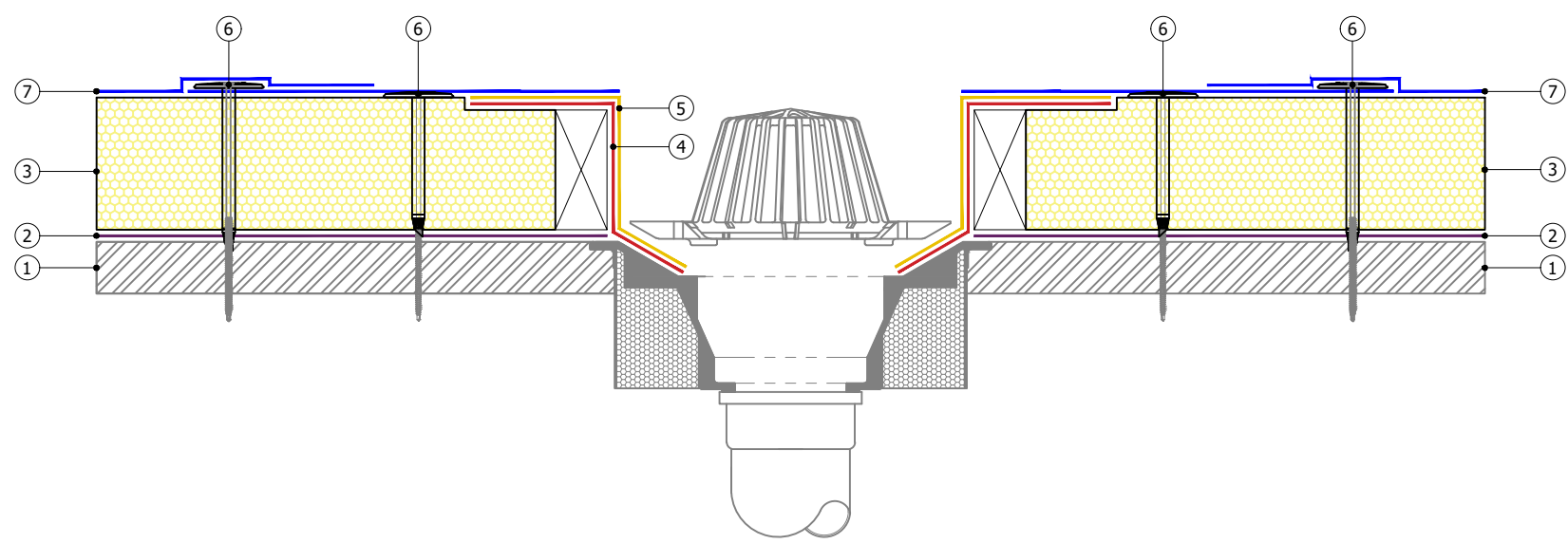
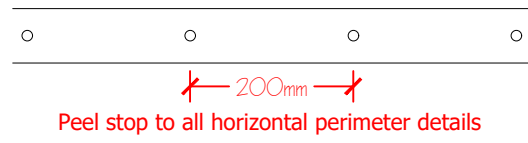
Drawing No.:		Roof Type:
SD_PFAIR_BUR_FULLFIX_01		BUR
Description:		
Horizontal Surface		
Scale:	Drawn:	Date:
NTS	W.Harding	31/07/2024

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑤  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑥  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑦  **Proteus Pro-Felt® Endura AIRdhesive**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Uprand Laps	≥ 150mm
(All laps to be heat welded)	



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







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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_FULLFIX_02	BUR	
Description:		
Rooflight / Access Hatch		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

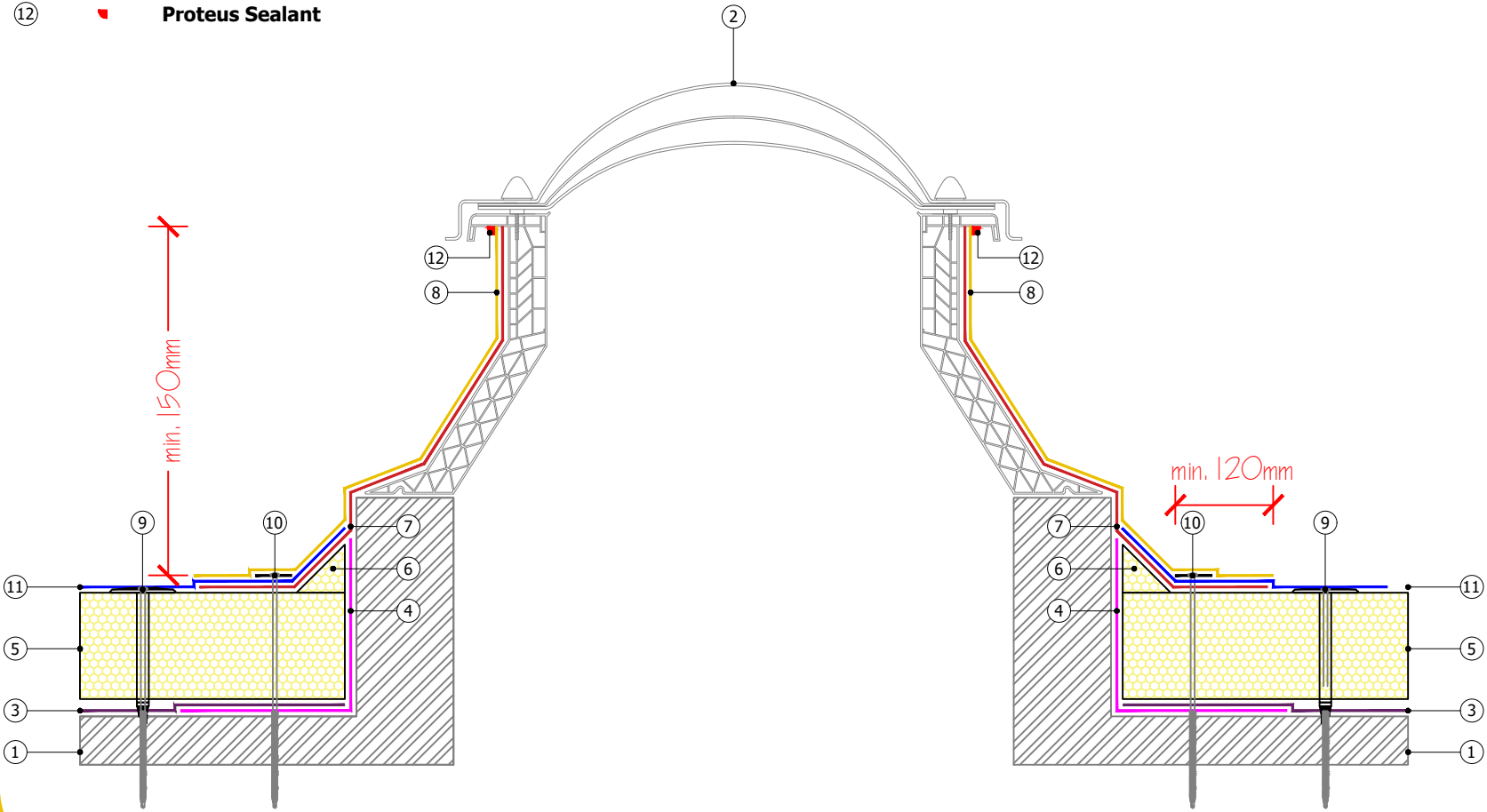
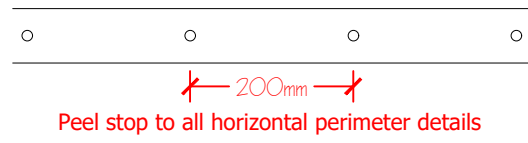
Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  Rooflight / Roof Access Hatch
- ③  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ④  **Proteus Pro-Felt[®] SA Underlay and Proteus Pro-Prime[®] SA**
- ⑤  **Proteus Pro-Therm Insulation** (foil faced)
- ⑥  **Proteus Pro-Therm Non-Combustible Angle Fillet and Proteus Pro-Bond Foaming adhesive**
- ⑦  **Proteus Pro-Felt[®] Endura SA Underlay and Proteus Pro-Prime[®] SA**
- ⑧  **Proteus Pro-Felt[®] Endura SA Capsheet and Proteus Pro-Prime[®] SA**
- ⑨  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑩  Peel Stop (by others)
- ⑪  **Proteus Pro-Felt[®] Endura AIRdhesive**
- ⑫  **Proteus Sealant**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)



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Drawing No.:		Roof Type:
SD_PFAIR_BUR_FULLFIX_03		BUR
Description:		
Rooflight / Access Hatch		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

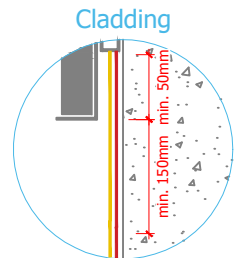
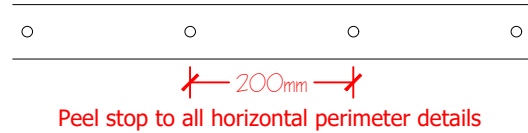
Proteus Pro-Felt[®] AIRdhesive



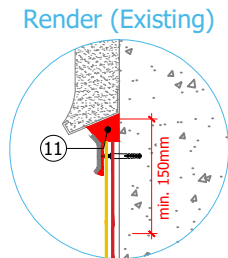
- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Proteus Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Proteus Pro-Bond Foaming adhesive**
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑪  **Proteus Sealant**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

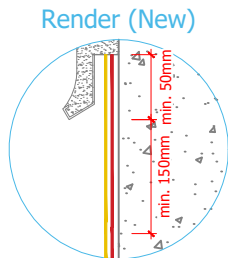
(All laps to be heat welded)



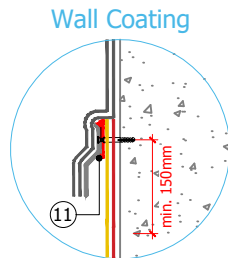
A New vertical cladding installed to provide minimum 50mm weathering lap



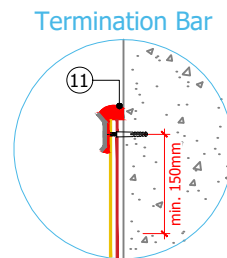
B Seal with a continuous minimum 6mm bead of **Proteus Bitumen Sealant** following through cure of the System



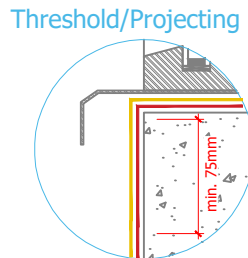
C Traditional render application with mechanically fixed bell cast/stop bead installed to overlap Waterproofing membrane by minimum 50mm



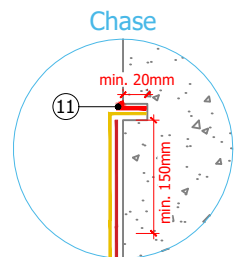
D Mechanically fixed **Proteus Counter Flashing** used as the lower termination position of the specified wall coating



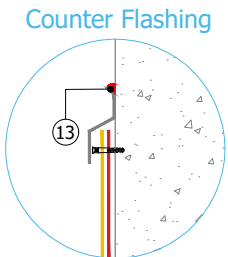
E Waterproofing System terminated with a mechanically fixed **Proteus Termination Bar**, sealed and bedded with **Proteus Bitumen Sealant**



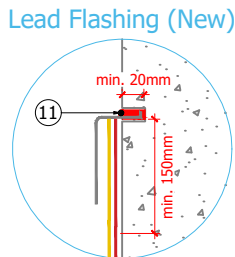
F Waterproofing System terminated tightly at the junction with the projecting sill and sealed with **Proteus Bitumen Sealant**



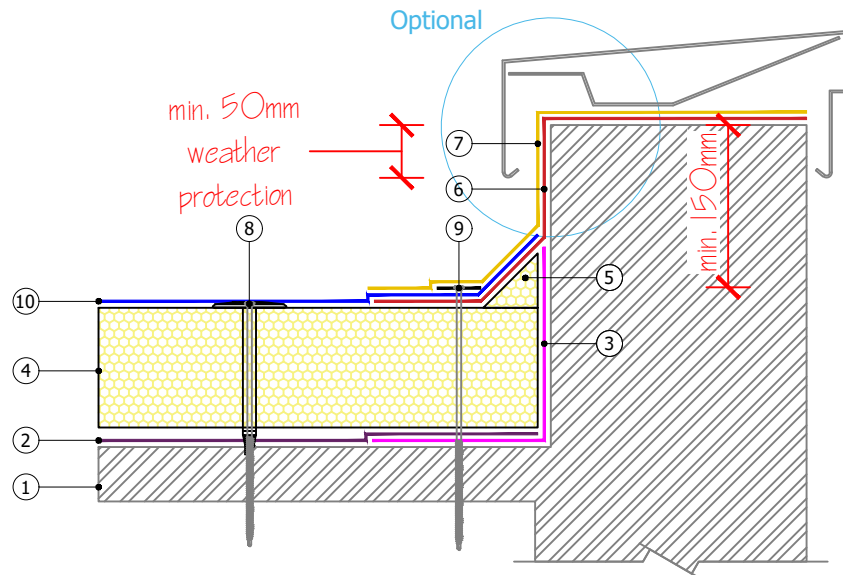
G Waterproofing System terminated in a 25mm x 10mm cleaned and primed pre-cut chase sealed with **Proteus Bitumen Sealant**



H Waterproofing System terminated with a mechanically fixed **Proteus Counter Flashing**, sealed and bedded with **Proteus Bitumen Sealant**



I New Lead Flashings installed in strict accordance with BS 6915 and LSA guidelines



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Drawing No.:	Roof Type:
SD_PFAIR_BUR_FULLFIX_04	BUR

Description:
Upstand Terminations

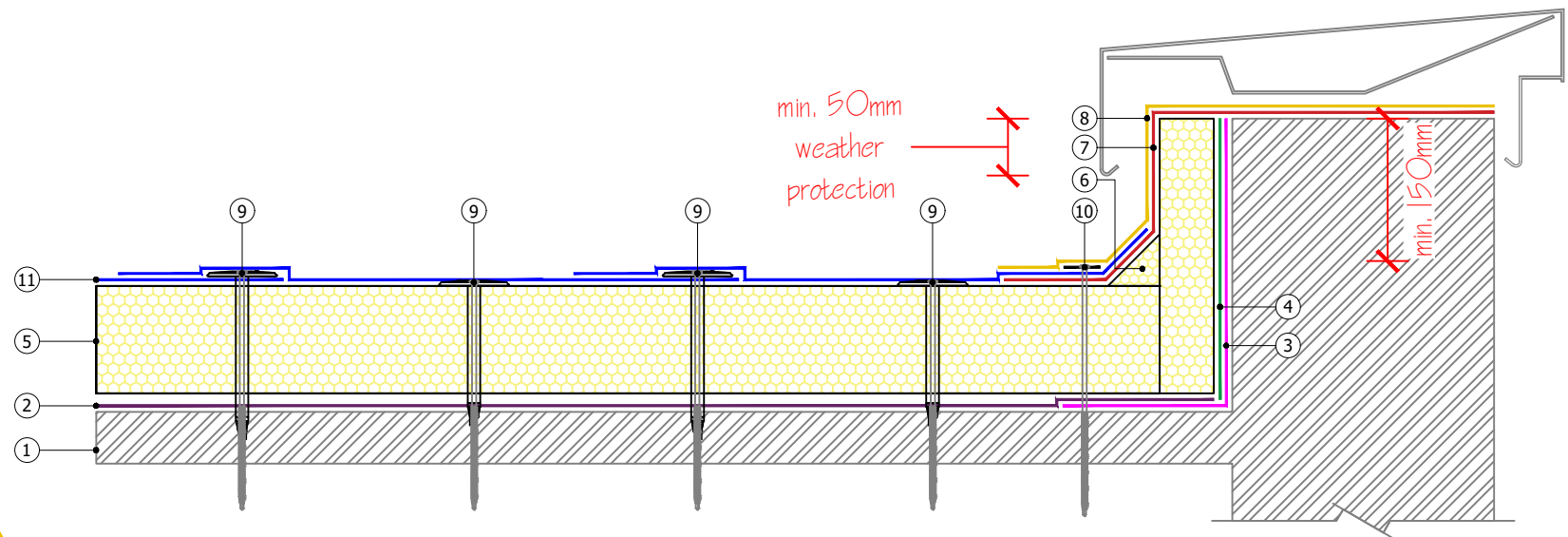
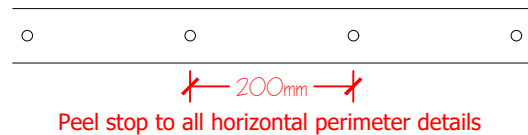
Scale:	Drawn:	Date:
NTS	W.Harding	17/09/2024

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt[®] SA Underlay** and **Proteus Pro-Prime[®] SA**
- ④  **Proteus Pro-Bond Foaming** adhesive
- ⑤  **Proteus Pro-Therm Insulation** (foil faced)
- ⑥  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Proteus Pro-Bond Foaming** adhesive
- ⑦  **Proteus Pro-Felt[®] Endura SA Underlay** and **Proteus Pro-Prime[®] SA**
- ⑧  **Proteus Pro-Felt[®] Endura SA Capsheet** and **Proteus Pro-Prime[®] SA**
- ⑨  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑩  Peel Stop (by others)
- ⑪  **Proteus Pro-Felt[®] Endura AIRdhesive**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm
(All laps to be heat welded)	



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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_FULLFIX_05	BUR	
Description:		
Insulated Parapet - Capping		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

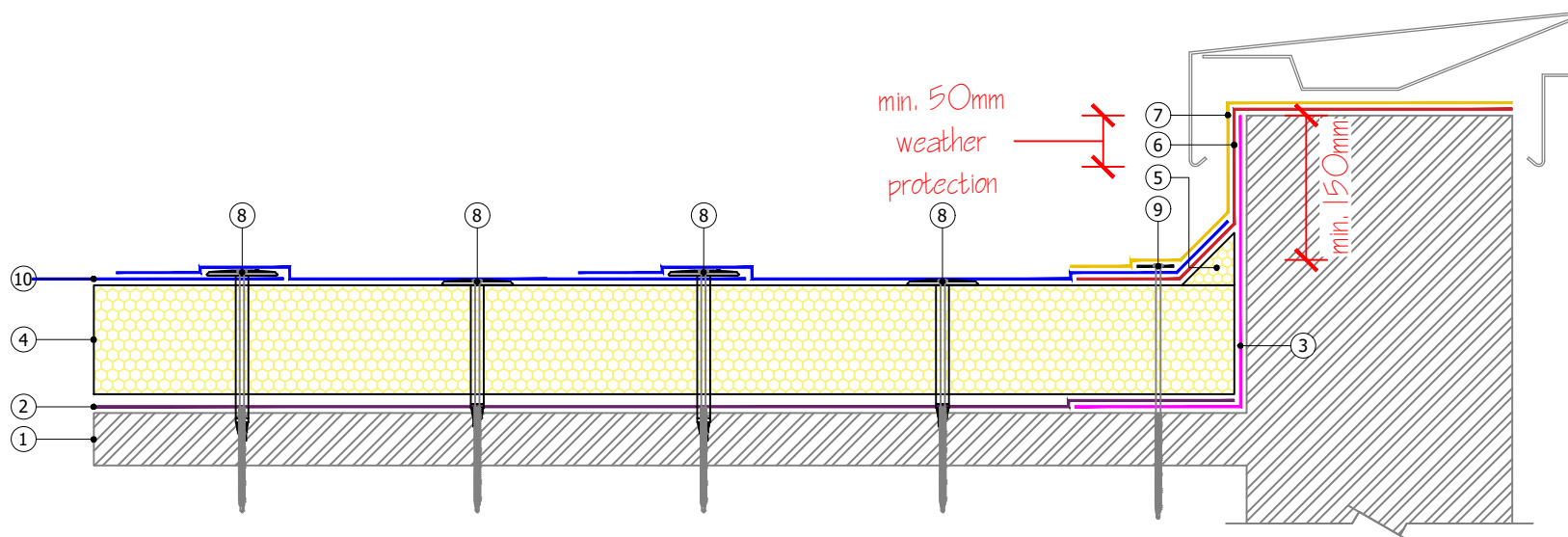
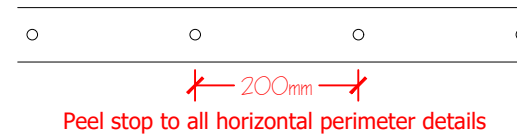
Proteus Pro-Felt[®] AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Proteus Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Proteus Pro-Bond Foaming adhesive**
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)



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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_FULLFIX_06	BUR	
Description:		
Uninsulated Parapet - Capping		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

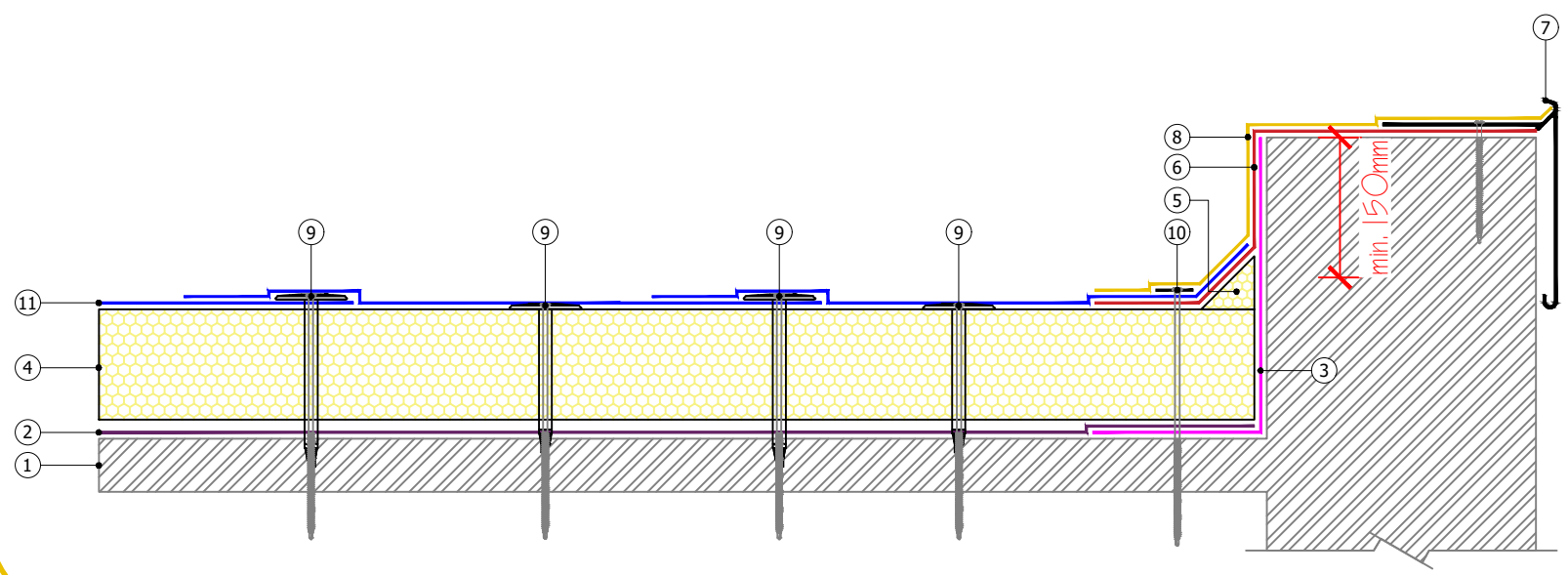
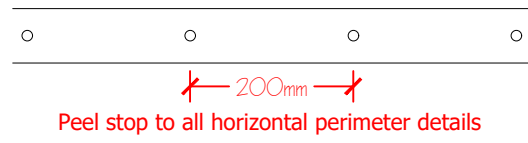
Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Proteus Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Proteus Pro-Bond Foaming adhesive**
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑦  **GRP Trim** (mechanically fixed)
- ⑧  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑨  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑩  Peel Stop (by others)
- ⑪  **Proteus Pro-Felt® Endura AIRdhesive**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)



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Drawing No.:		Roof Type:
SD_PFAIR_BUR_FULLFIX_07		BUR
Description:		
Parapet - GRP Trim		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

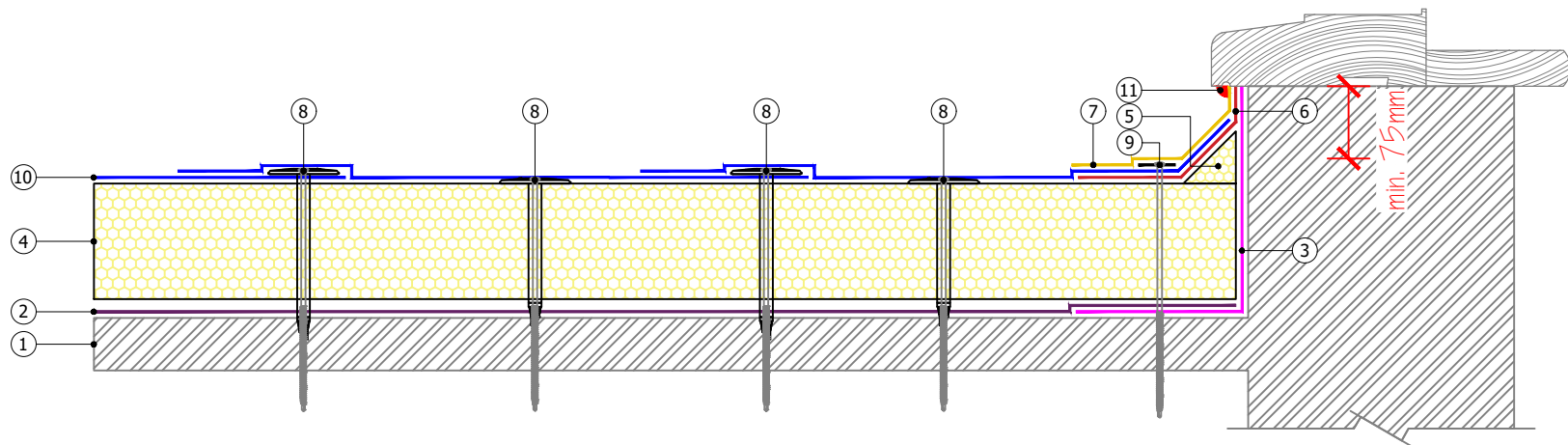
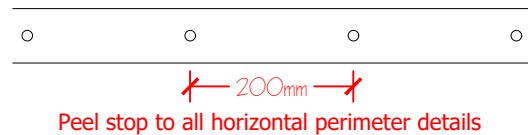
Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Proteus Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Proteus Pro-Bond Foaming adhesive**
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑪  **Proteus Sealant**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)



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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_FULLFIX_08	BUR	
Description:		
Threshold (Existing) - Sealant		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

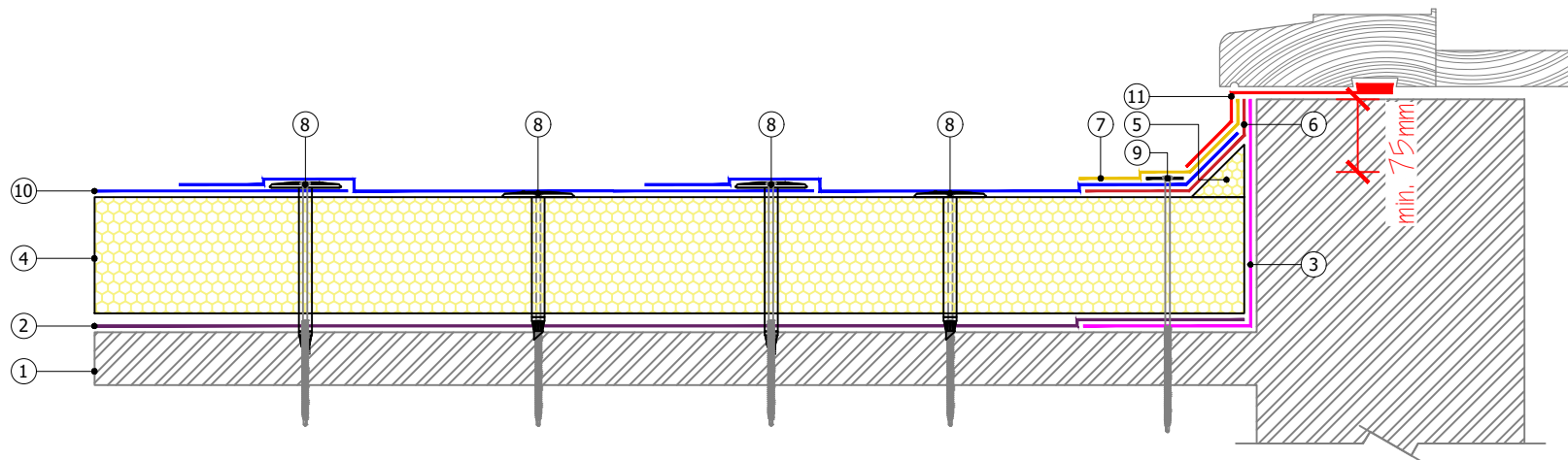
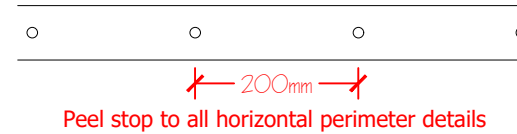
Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Felt® SA Underlay** and **Proteus Pro-Prime® SA**
- ④  **Proteus Pro-Therm Insulation** (foil faced)
- ⑤  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Proteus Pro-Bond Foaming** adhesive
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑪  EPDM membrane (min. 100mm lap onto waterproofing)

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)



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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_FULLFIX_09	BUR	
Description:		
Threshold (New) - EPDM		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

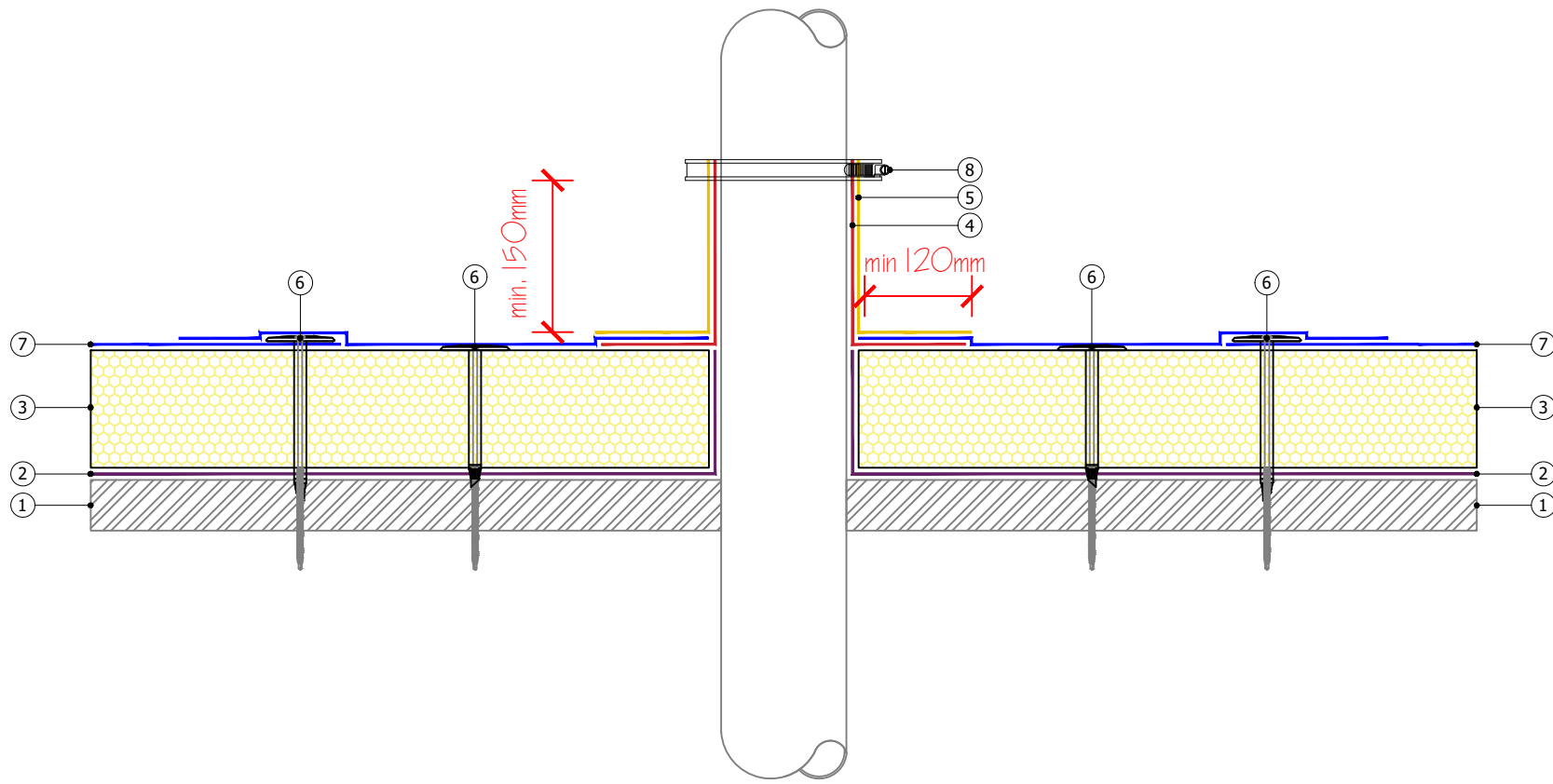
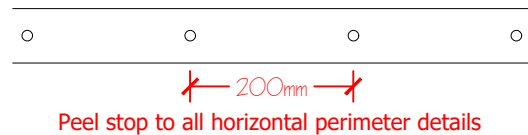
Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑤  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑥  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑦  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑧  Jubilee Clip

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)



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All components are to be prepared and installed in strict accordance with Proteus Project Specification

Notes :
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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_FULLFIX_10	BUR	
Description:		
Cold Pipe Penetration		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

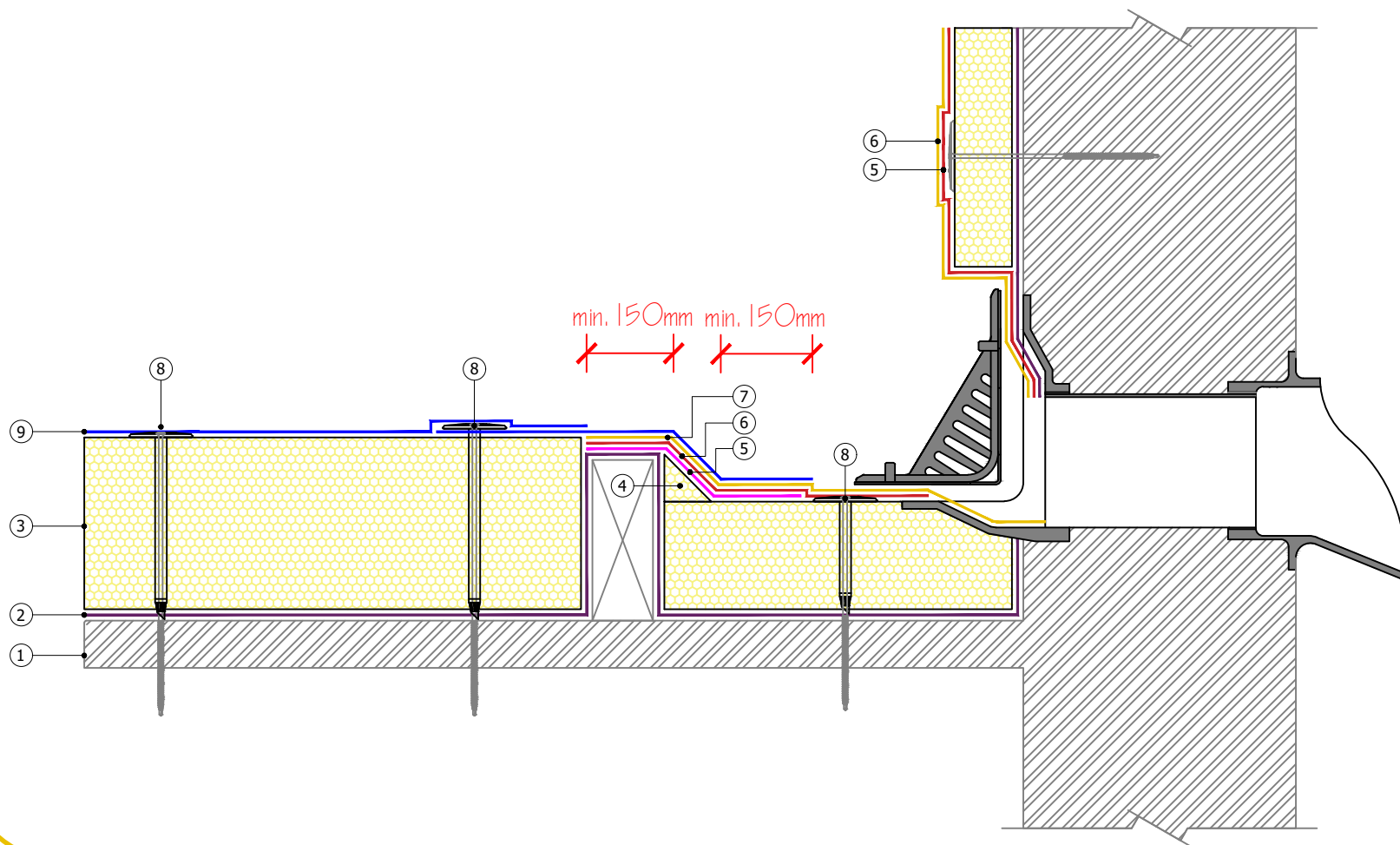
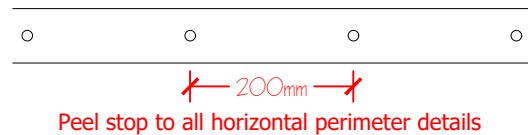
Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Proteus Pro-Bond Foaming** adhesive
- ⑤  **Proteus Pro-Felt® 3mm Plain Underlay** reinforcement (25 year system only)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  **Proteus Pro-Felt® Endura AIRdhesive**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)



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Drawing No.:		Roof Type:
SD_PFAIR_BUR_FULLFIX_11		BUR
Description:		
Insulated Parapet Gutter		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

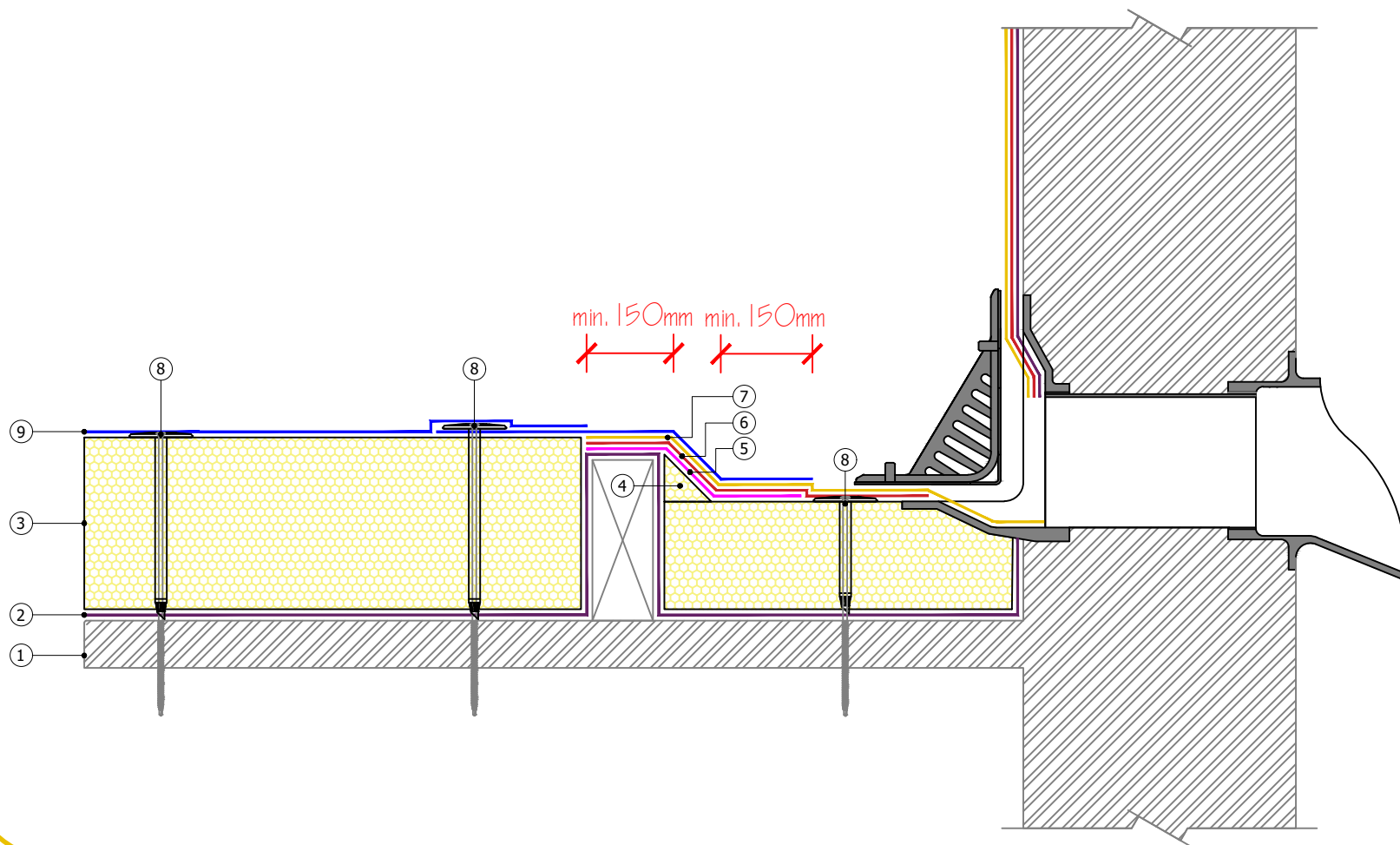
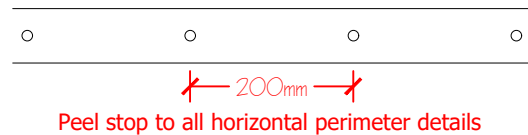
Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Proteus Pro-Bond Foaming** adhesive
- ⑤  **Proteus Pro-Felt® 3mm Plain Underlay** reinforcement (25 year system only)
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  **Proteus Pro-Felt® Endura AIRdhesive**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)



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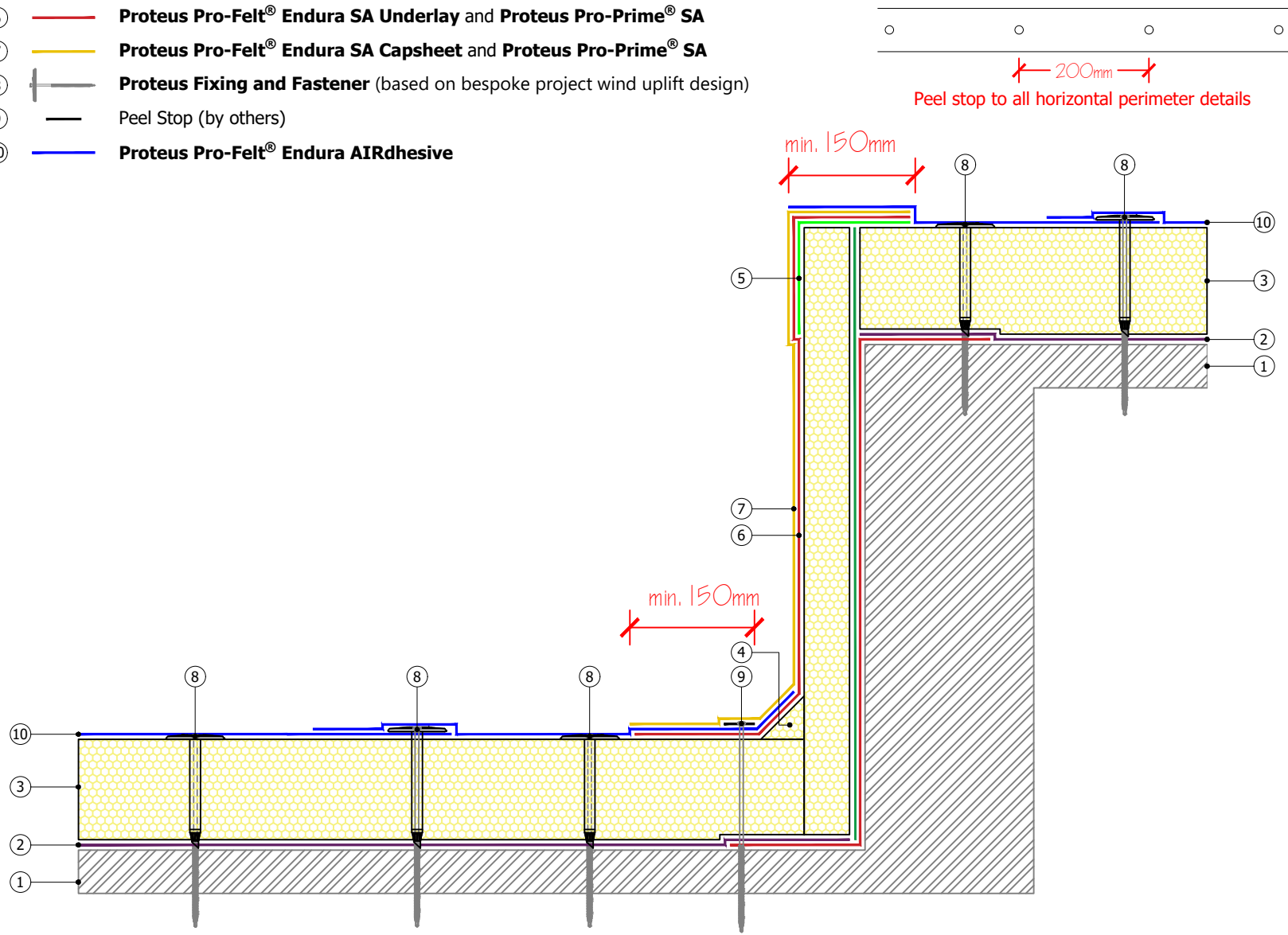
Drawing No.:	Roof Type:	
SD_PFAIR_BUR_FULLFIX_12	BUR	
Description:		
Uninsulated Parapet Gutter		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (foil faced)
- ④  **Proteus Pro-Therm Non-Combustible Angle Fillet** and **Proteus Pro-Bond Foaming** adhesive
- ⑤  Metal angle and **Proteus Pro-Bond Foaming** adhesive
- ⑥  **Proteus Pro-Felt® Endura SA Underlay** and **Proteus Pro-Prime® SA**
- ⑦  **Proteus Pro-Felt® Endura SA Capsheet** and **Proteus Pro-Prime® SA**
- ⑧  **Proteus Fixing and Fastener** (based on bespoke project wind uplift design)
- ⑨  Peel Stop (by others)
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**

Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Uprand Laps	≥ 150mm
(All laps to be heat welded)	



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Drawing No.:		Roof Type:
SD_PFAIR_BUR_FULLFIX_13		BUR
Description:		
Roof Transition		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-Felt® AIRdhesive

