







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

Lap Dimensions

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

(All laps to be heat welded)

Proteus Waterproofing Ltd.

21a Sirdar Road,
Brook Road Industrial Estate,
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Tel: +44 (0)1268 777871

W: www.proteuswaterproofing.co.uk

E: office@proteuswaterproofing.co.uk

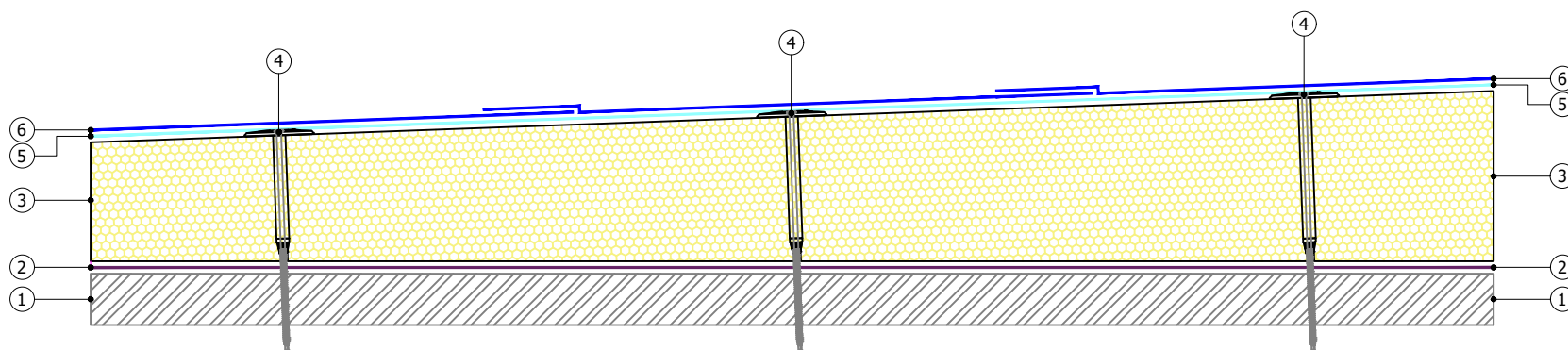
All components are to be prepared and installed in strict accordance with **Proteus Project Specification**

Notes :

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Drawing No.:		Roof Type:
SD_PFAIR_BUR_PARTFIX_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** (tissue 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-Membrane Adhesive**
- ⑧  **Proteus Pro-Felt® Endura AIRdhesive**

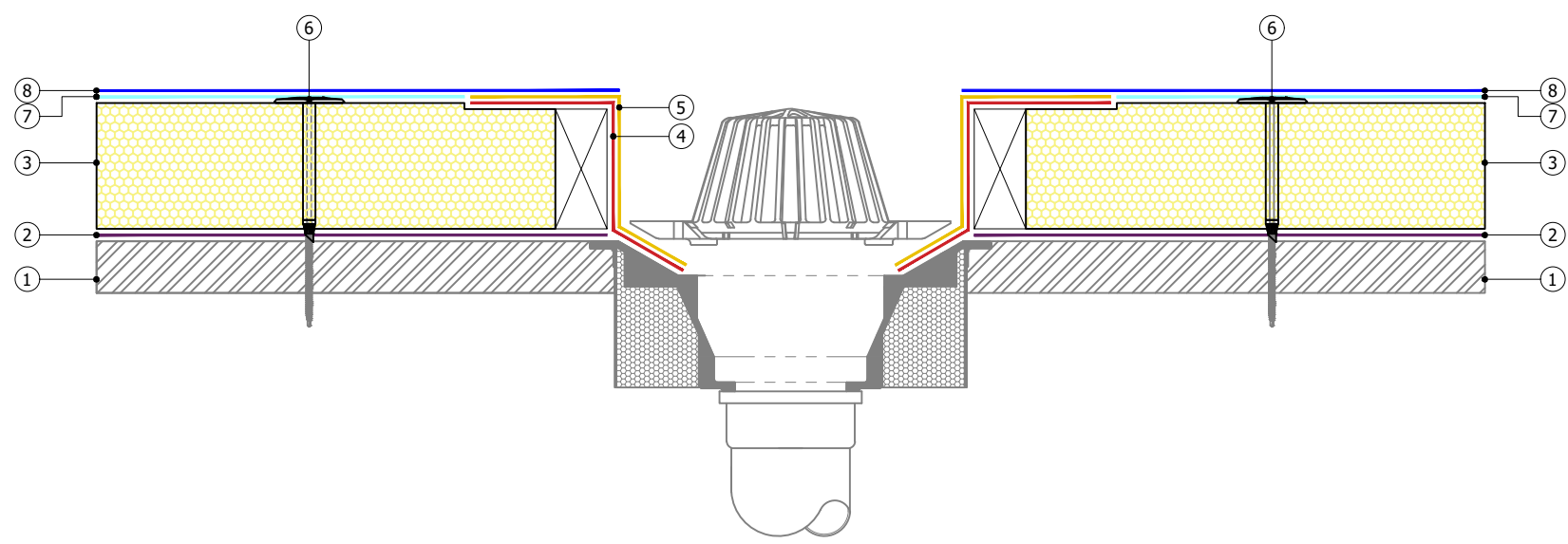
Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)

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







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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_PARTFIX_02	BUR	
Description:		
Vertical Rainwater Outlet		
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** (tissue 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  **Proteus Pro-Membrane Adhesive**
- ⑪  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑫  **Proteus Sealant**

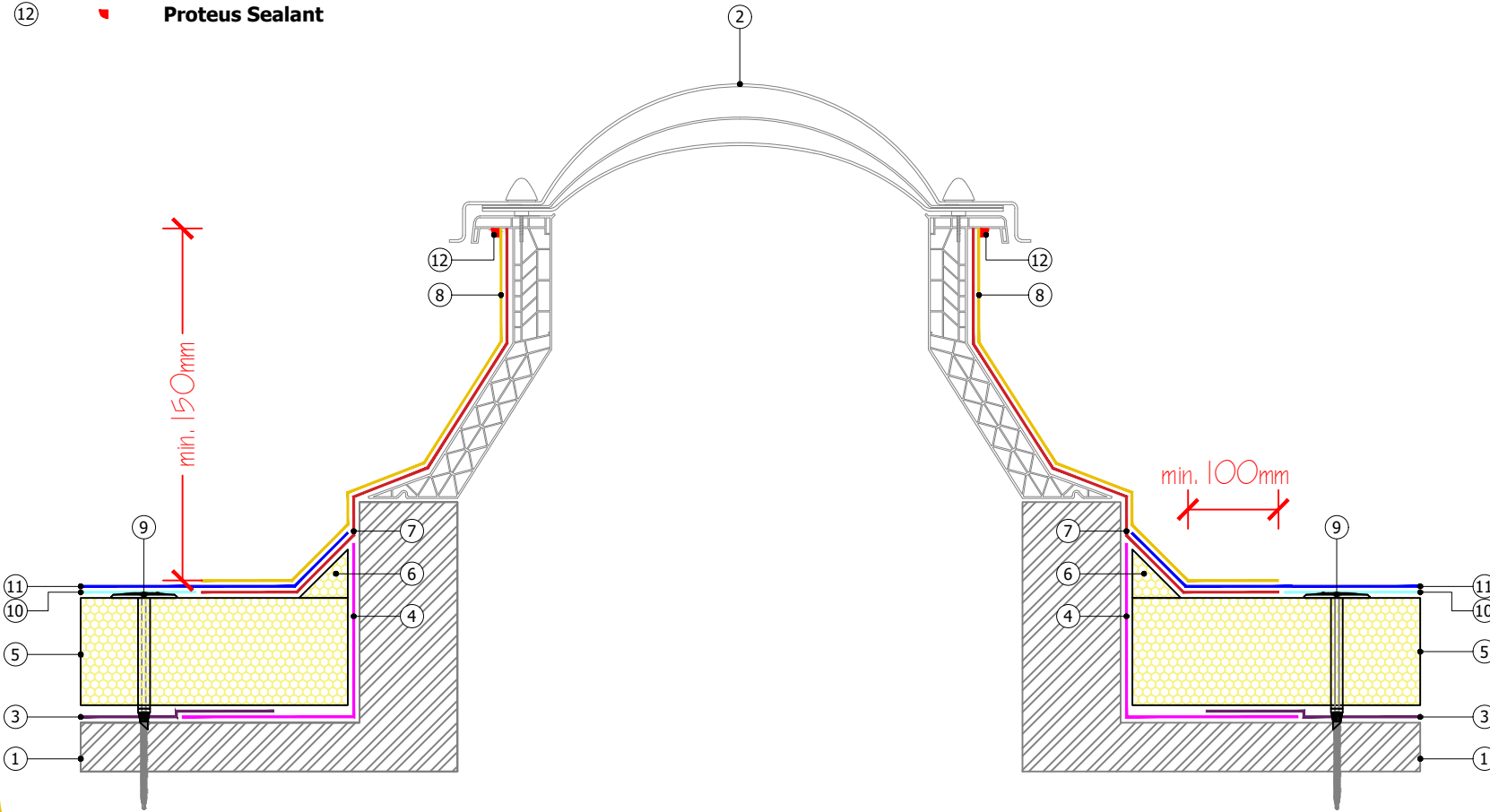
Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)

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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_PARTFIX_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** (tissue 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  **Proteus Pro-Membrane Adhesive**
- 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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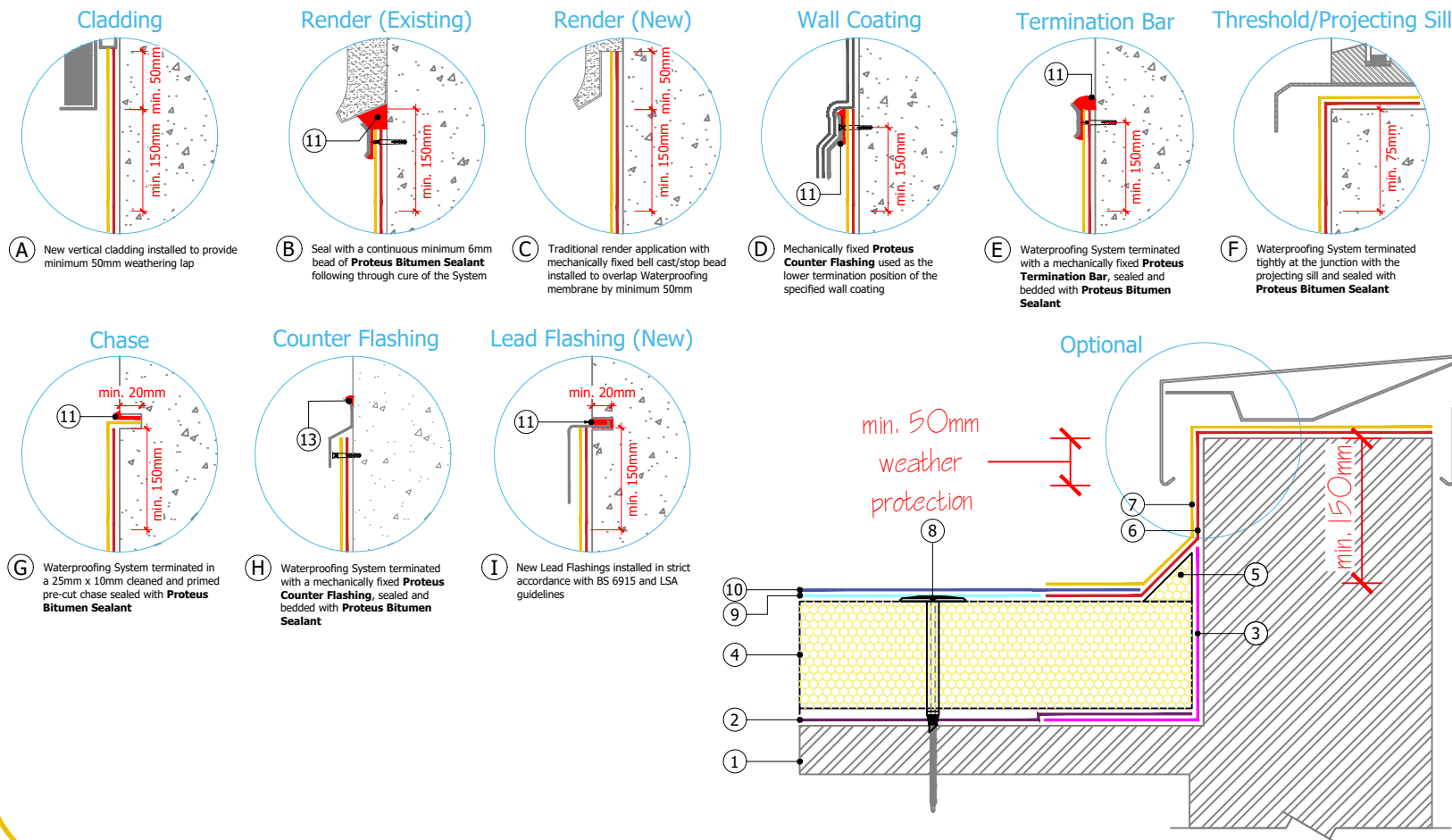
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Drawing No.:		Roof Type:
SD_PFAIR_BUR_PARTFIX_04		BUR
Description:		
Upstand Terminations		
Scale:	Drawn:	Date:
NTS	W.Harding	17/09/2024

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** (tissue 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  **Proteus Pro-Membrane Adhesive**
- ⑪  **Proteus Pro-Felt[®] Endura AIRdhesive**

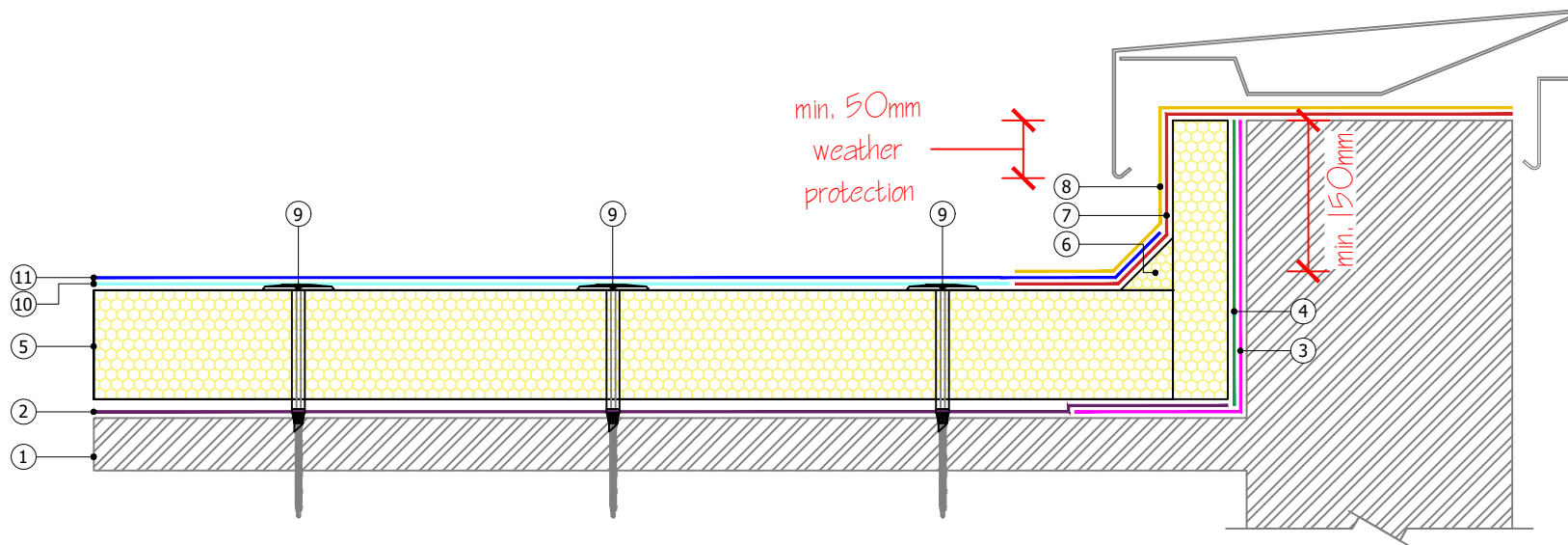
Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)

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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_PARTFIX_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** (tissue 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  **Proteus Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**

Lap Dimensions

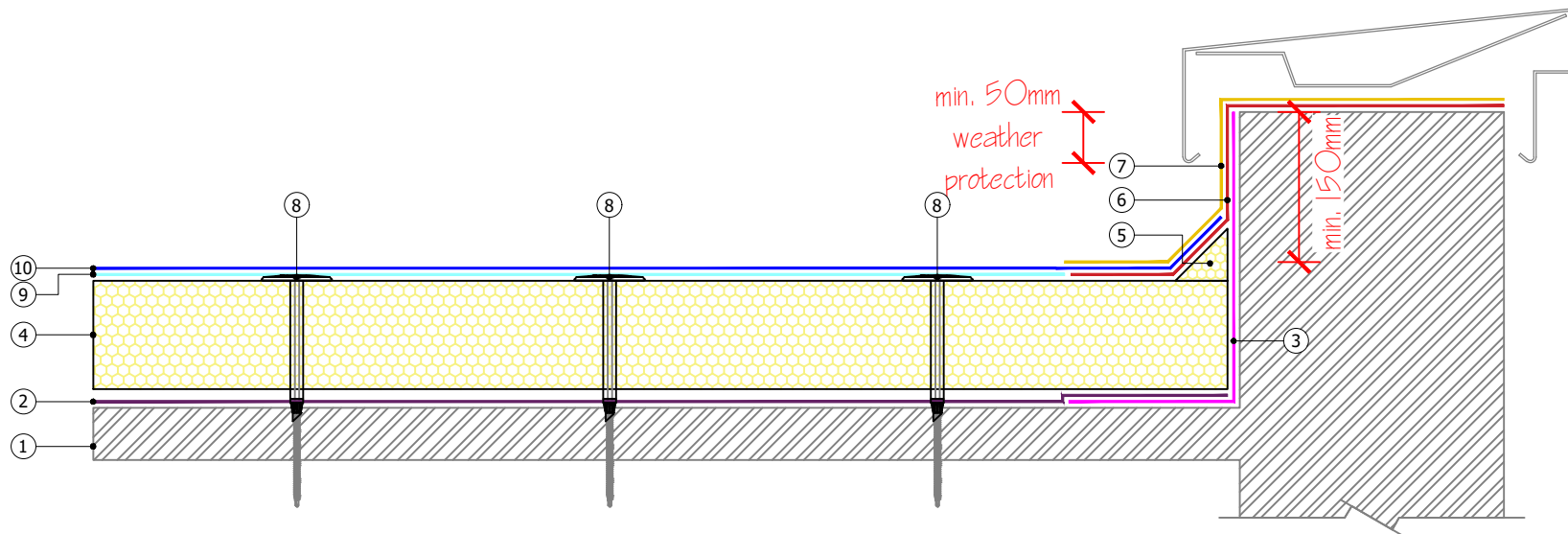
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)

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Drawing No.:		Roof Type:
SD_PFAIR_BUR_PARTFIX_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** (tissue 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  **Proteus Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑪  **GRP Trim** (mechanically fixed)

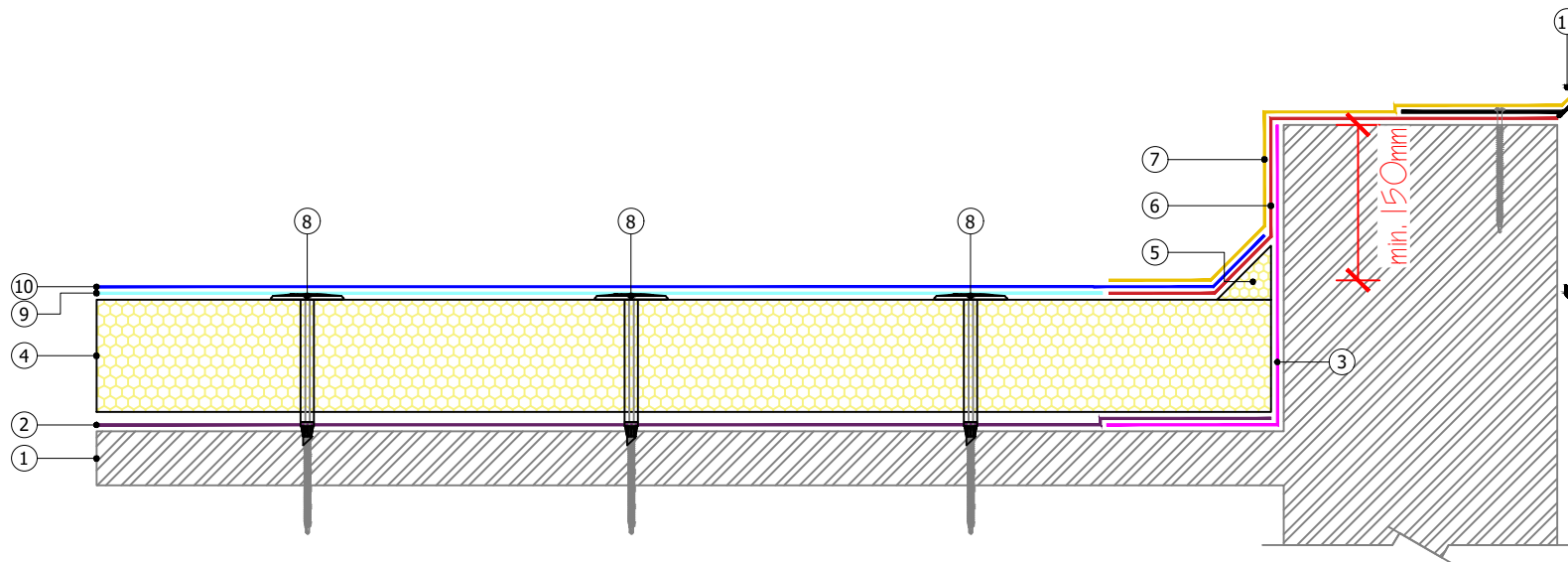
Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)

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Drawing No.:		Roof Type:
SD_PFAIR_BUR_PARTFIX_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** (tissue 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  **Proteus Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑪  **Proteus Sealant**

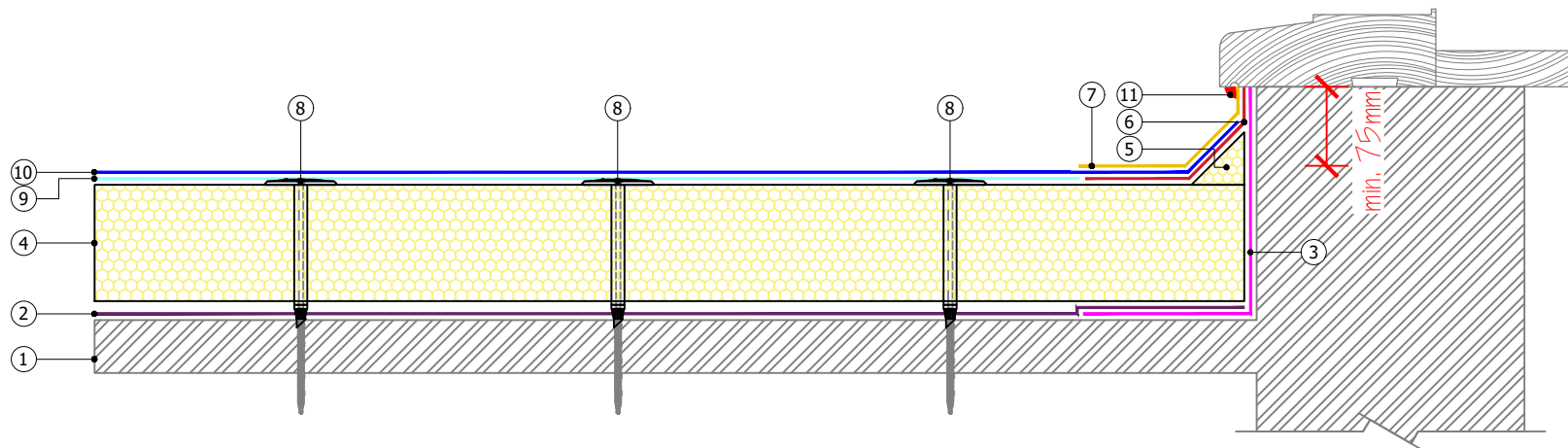
Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_PARTFIX_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** (tissue 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  **Proteus Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑪  EPDM membrane (min. 100mm lap onto waterproofing)

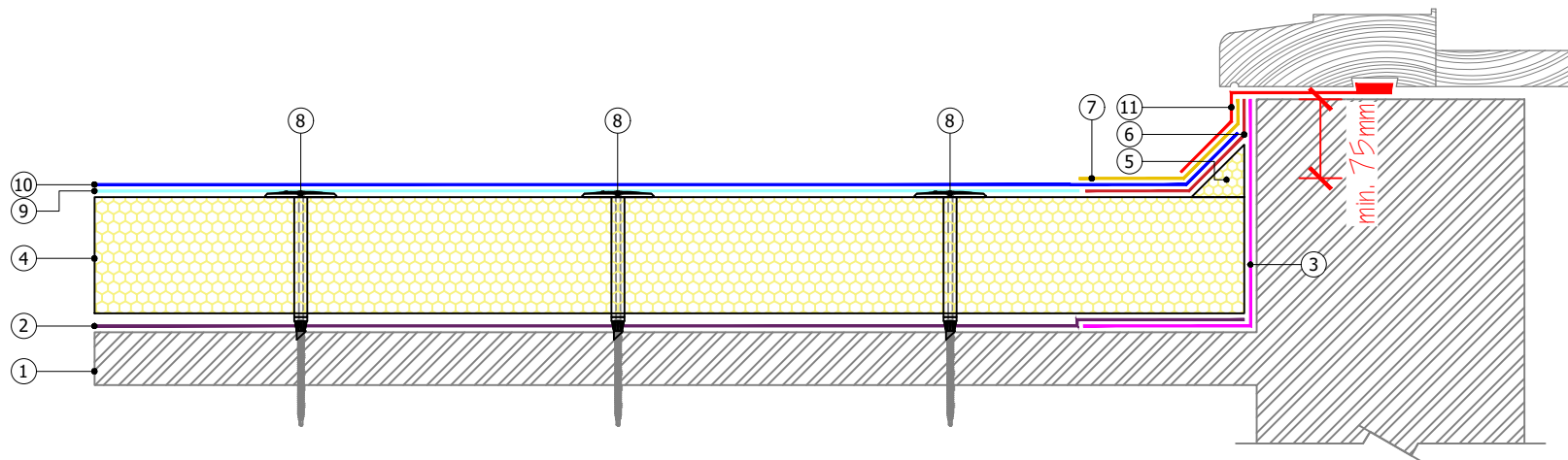
Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)

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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_PARTFIX_09	BUR	
Description:		
Threshold - 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** (tissue 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-Membrane Adhesive**
- ⑧  **Proteus Pro-Felt® Endura AIRdhesive**
- ⑨  Jubilee Clip

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

(All laps to be heat welded)

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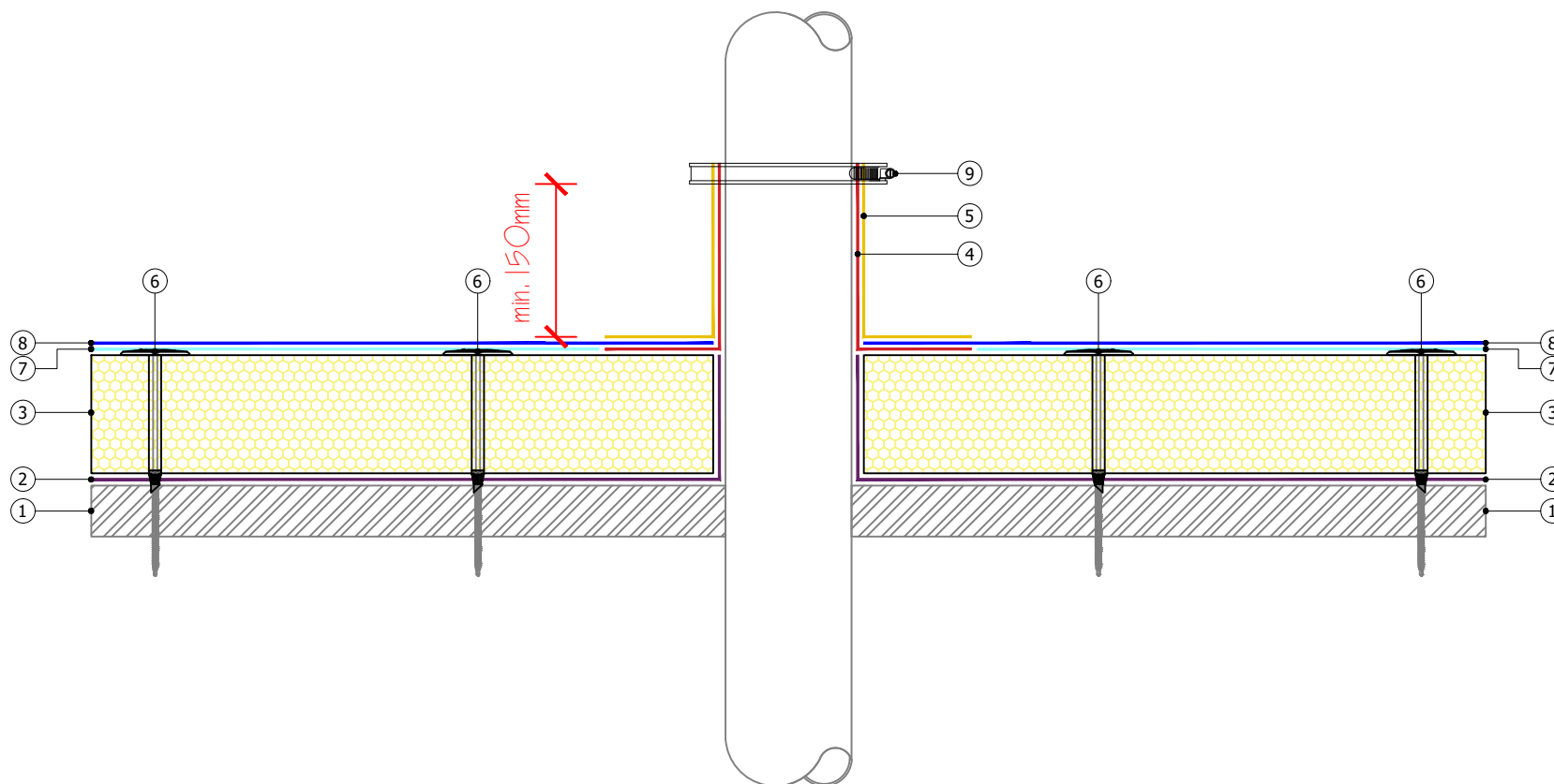
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Drawing No.:		Roof Type:
SD_PFAIR_BUR_PARTFIX_10		BUR
Description:		
Cold Pipe Penetration		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-Felt® AIRdhesive



- ①  Substrate
- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (tissue 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-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**

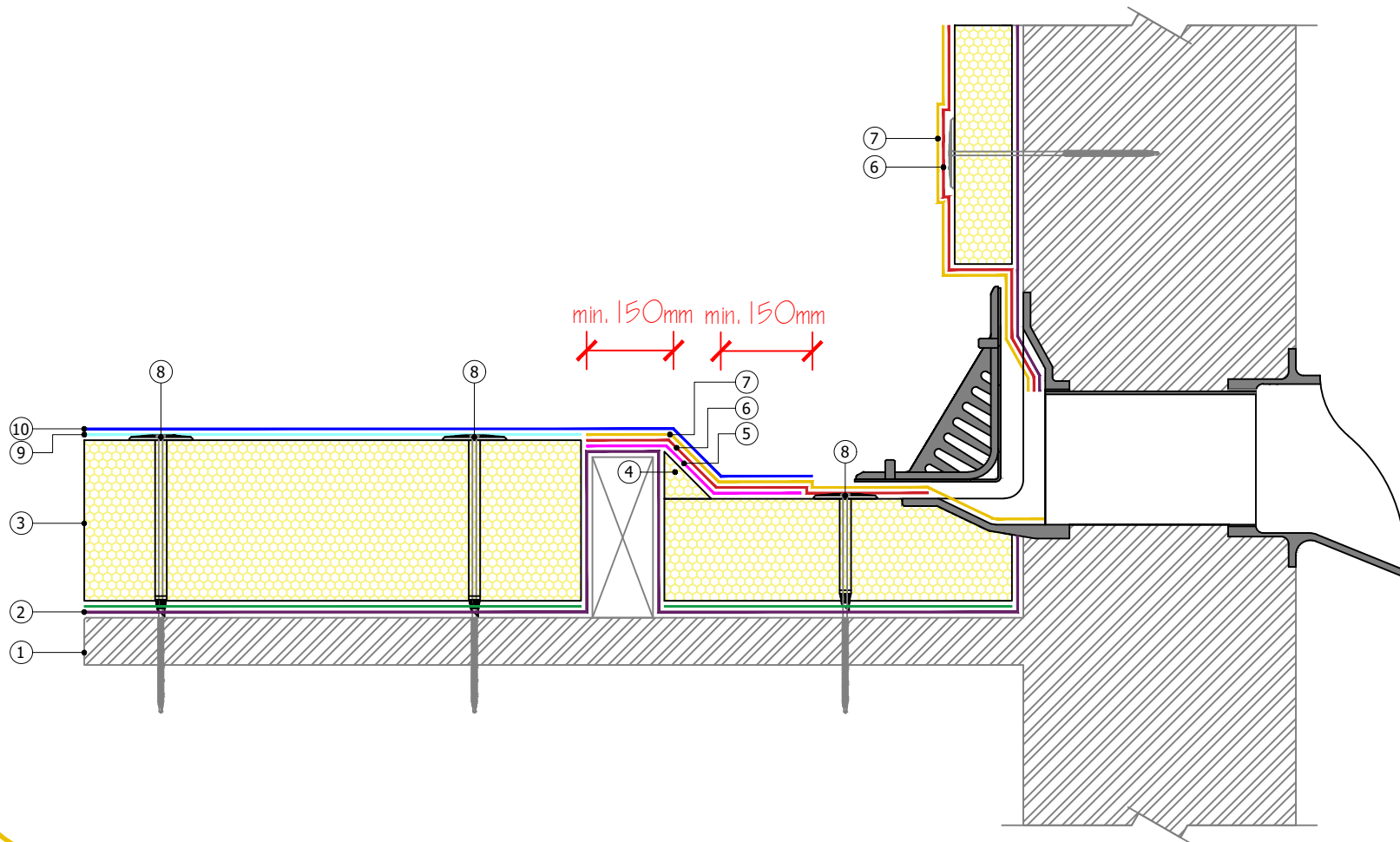
Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_PARTFIX_11	BUR	
Description:		
Insulated Parapet Gutter		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-Felt® AIRdhesive



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- ②  **Proteus 1000 Gauge Polythene AVCL** (loose laid)
- ③  **Proteus Pro-Therm Insulation** (tissue faced)
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- 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-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**

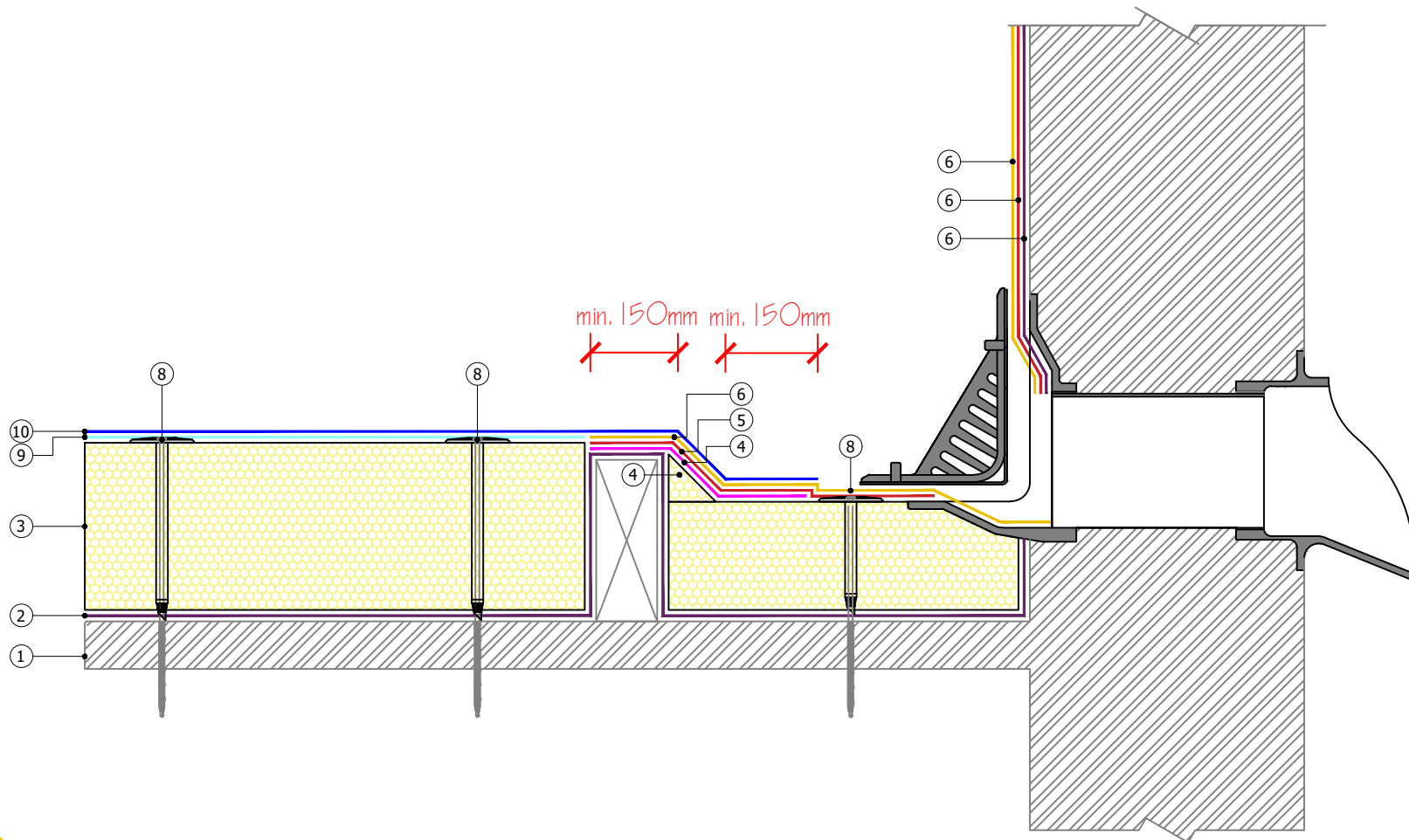
Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

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 This drawing is solely intended to illustrate the correct application of Proteus Waterproofing Ltd's products and systems. All other elements bearing reference to structural and/or thermal design within the detail are shown indicatively and should not be used in whole or part for any aspect of project design without consulting the relevant authorities.
 For refurbishment projects, all aspects of the existing roof are deemed to be fully compliant with BS 6229 (Code of practice for flat roofs with continuously supported coverings) or improved upon for instances where these standards are not met.
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Drawing No.:	Roof Type:	
SD_PFAIR_BUR_PARTFIX_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** (tissue 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  **Proteus Pro-Membrane Adhesive**
- ⑩  **Proteus Pro-Felt® Endura AIRdhesive**

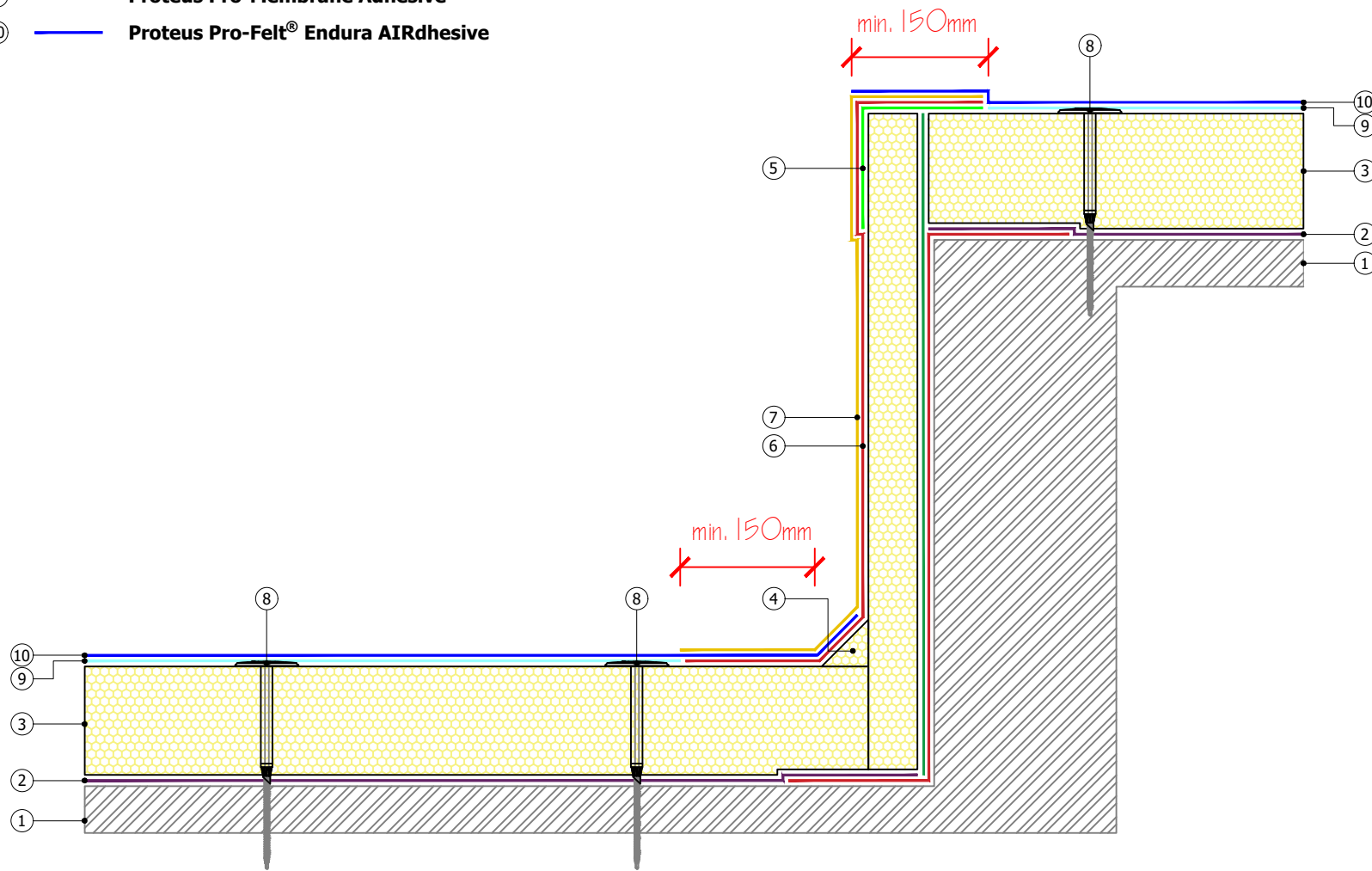
Lap Dimensions	
Side Laps	≥ 120mm
End Laps	≥ 150mm
Upstand Laps	≥ 150mm

(All laps to be heat welded)

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 E: office@proteuswaterproofing.co.uk

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Drawing No.:		Roof Type:
SD_PFAIR_BUR_PARTFIX_13		BUR
Description:		
Roof Transition		
Scale:	Drawn:	Date:
NTS	W.Harding	18/07/2024

Proteus Pro-Felt® AIRdhesive

