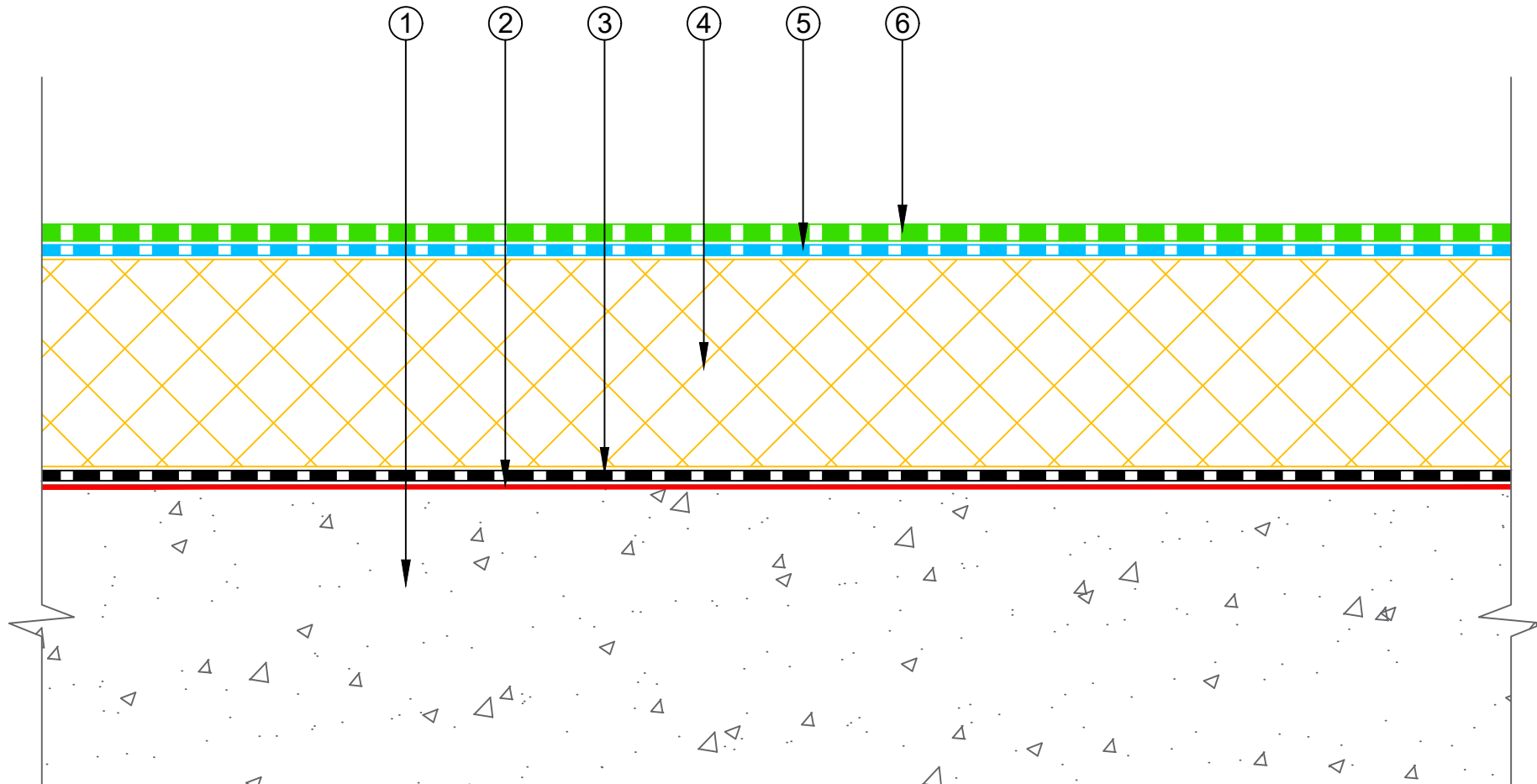
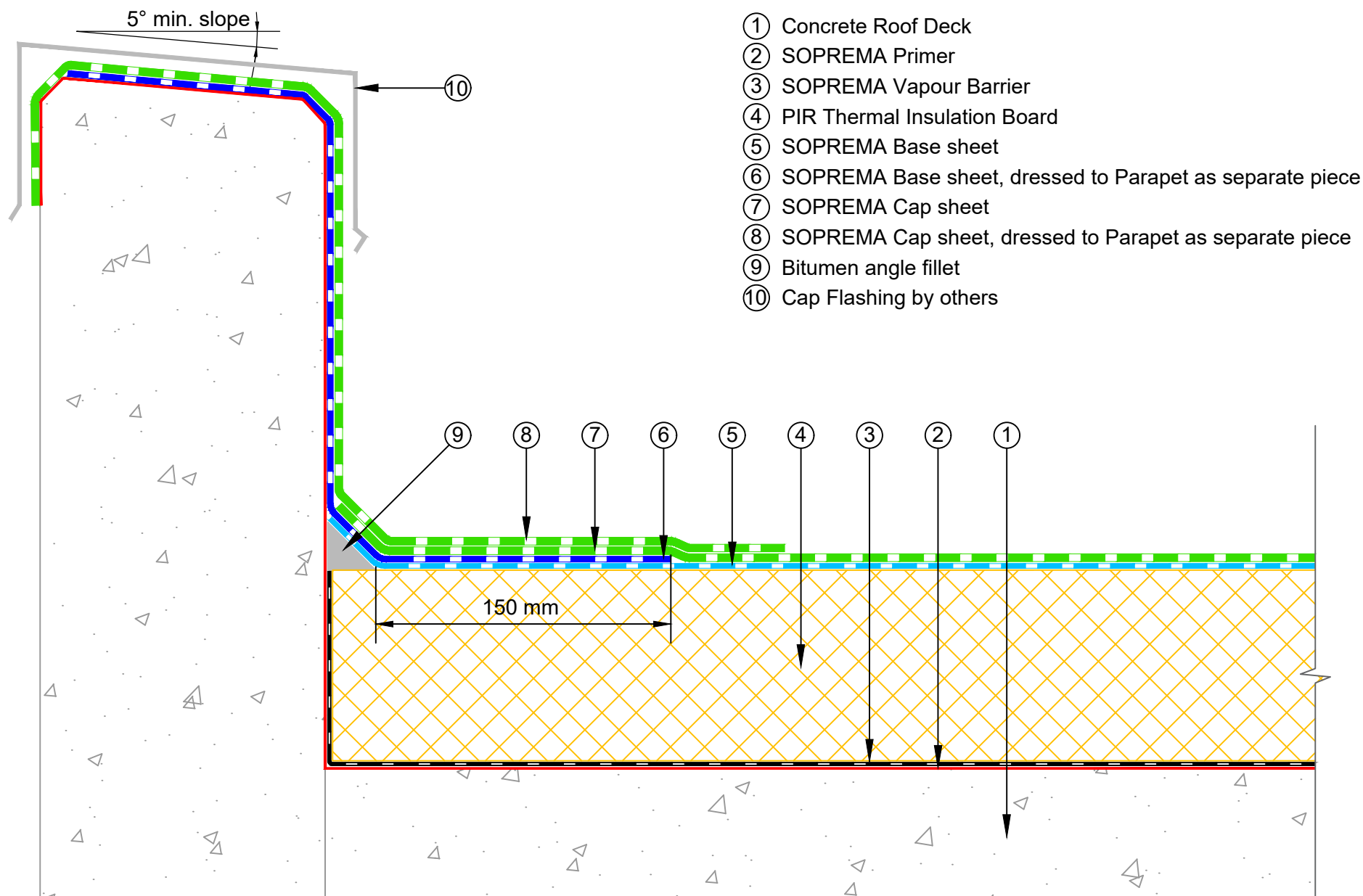


- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet



PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete				
TITLE :	Roof build up with PIR				
NUMBER :	BTIRC-D0a			SCALE :	NTS
DRAWN BY :	NKT	DATE :	01-Sep-2026	REVISED :	
This detail is intended as a guide only to waterproofing. The guidelines are general and refer to typical applications only. No part of this detail is intended to override or supersede architectural and engineering specifications or the National Construction Code, Building Code of Australia and Australian Standards. Advice from qualified professionals should be sought if there is an apparent conflict between these details and not override any legislative requirements of the States and Territories. All components must be supplied by SOPREMA. SOPREMA reserves the right to alter or upgrade details at any time without prior notice.					



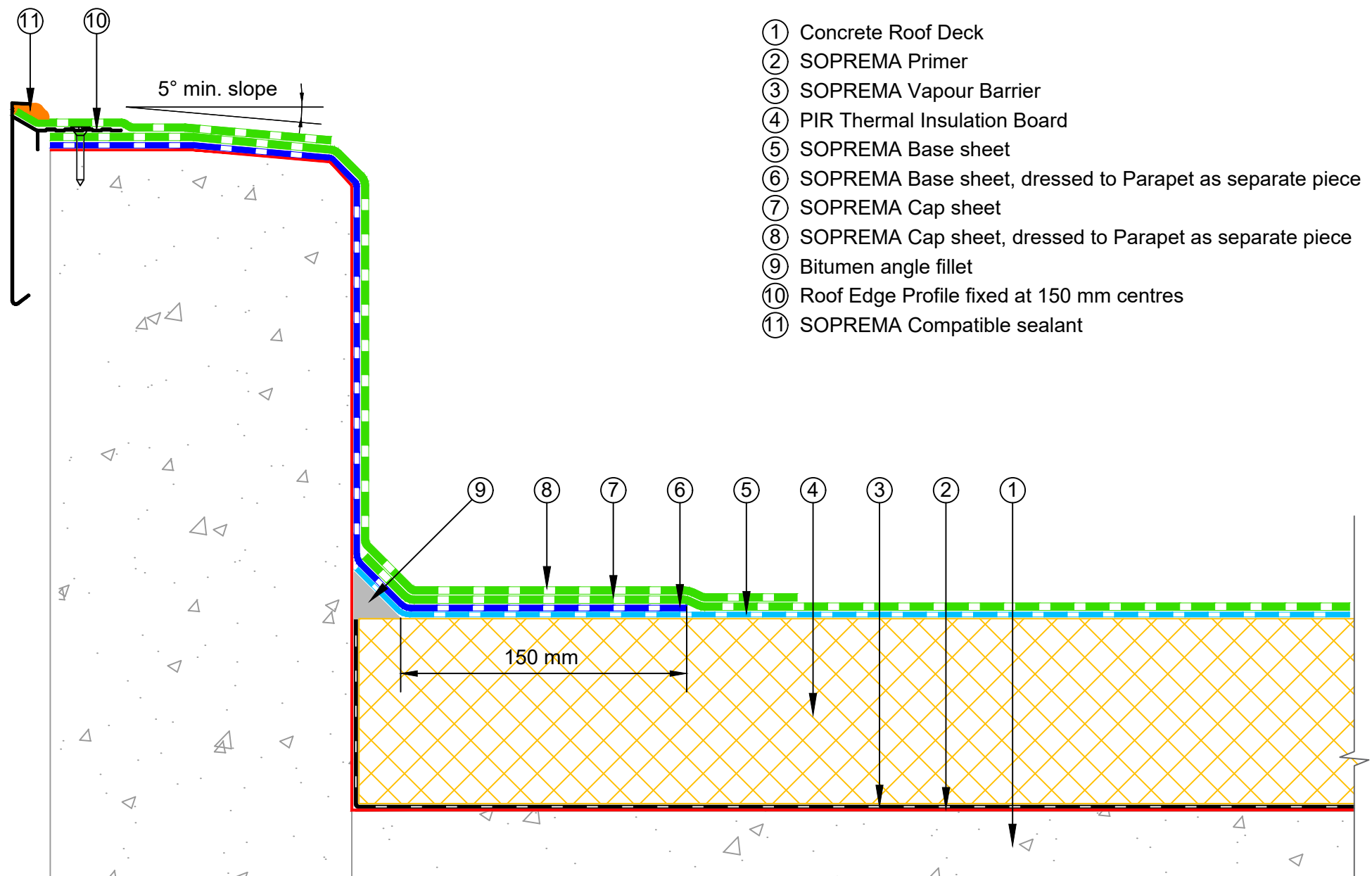


- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Base sheet, dressed to Parapet as separate piece
- ⑦ SOPREMA Cap sheet
- ⑧ SOPREMA Cap sheet, dressed to Parapet as separate piece
- ⑨ Bitumen angle fillet
- ⑩ Cap Flashing by others

PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete				
TITLE :	Concrete parapet detail with roof cap flashing detail				
NUMBER :	BTIRC-D1a		SCALE :	NTS	
DRAWN BY :	NKT	DATE :	12-Sep-2026	REVISED :	

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PROJECT : Bituminous 2 Layers Membrane System : Insulated Roof on Concrete

TITLE : Concrete parapet detail with roof edge

NUMBER : BTIRC-D1b

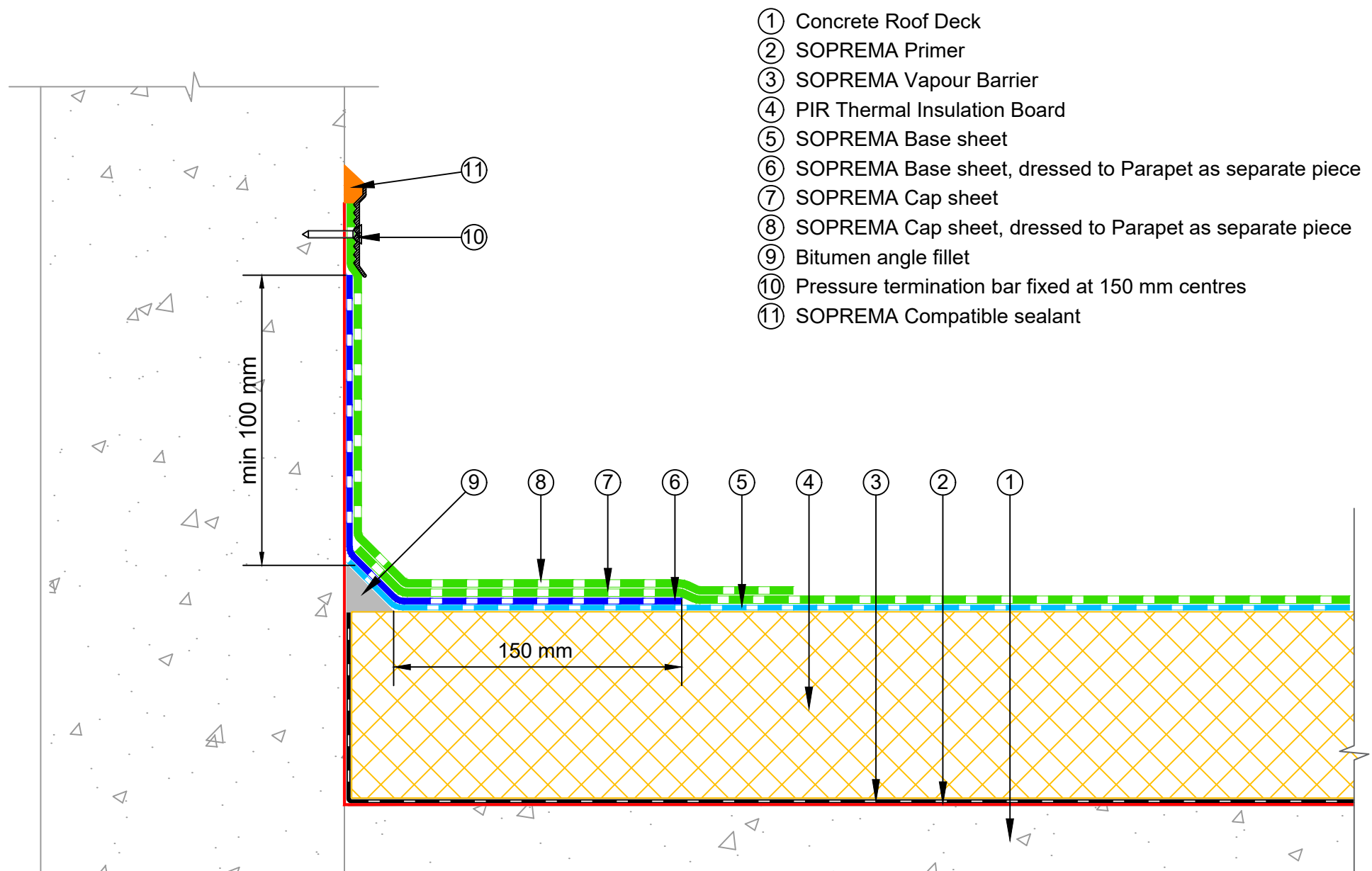
SCALE : NTS

DRAWN BY : NKT DATE : 12-Sep-2026

REVISED :

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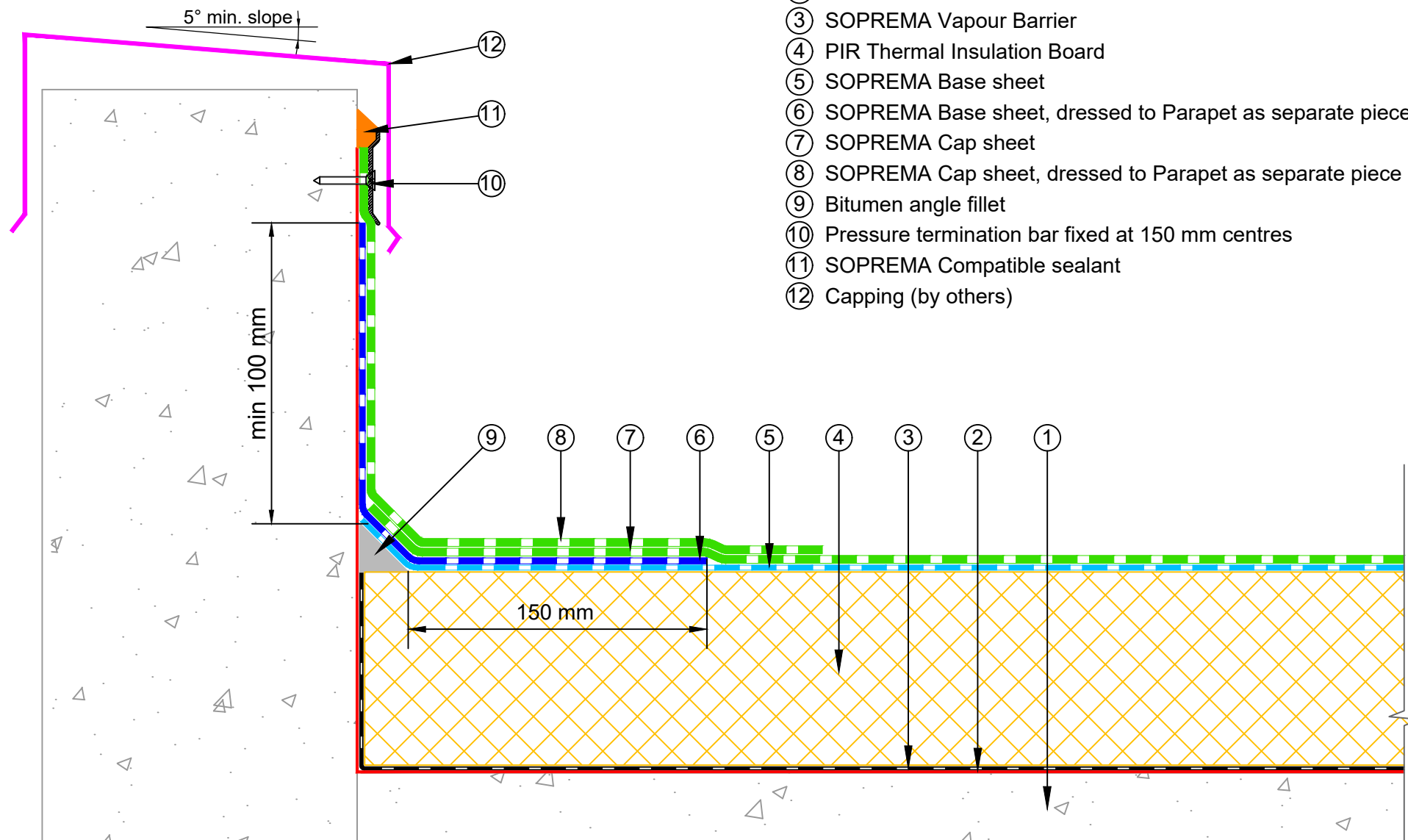


- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Base sheet, dressed to Parapet as separate piece
- ⑦ SOPREMA Cap sheet
- ⑧ SOPREMA Cap sheet, dressed to Parapet as separate piece
- ⑨ Bitumen angle fillet
- ⑩ Pressure termination bar fixed at 150 mm centres
- ⑪ SOPREMA Compatible sealant

PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :	Parapet with pressure termination bar			
NUMBER :	BTIRC-D1c		SCALE :	NTS
DRAWN BY :	NKT	DATE :	12-Sep-2026	REVISED :

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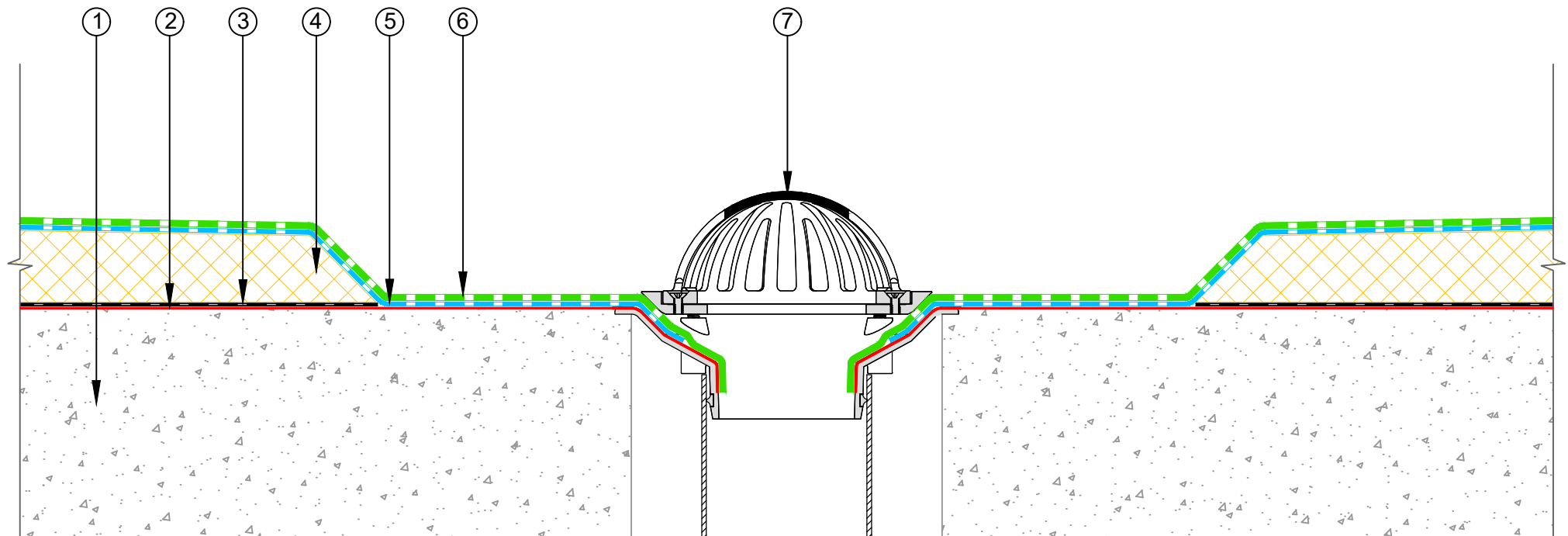


PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete				
TITLE :	Parapet with pressure termination bar and roof capping				
NUMBER :	BTIRC-D1d		SCALE :	NTS	
DRAWN BY :	NKT	DATE :	12-Sep-2026	REVISED :	

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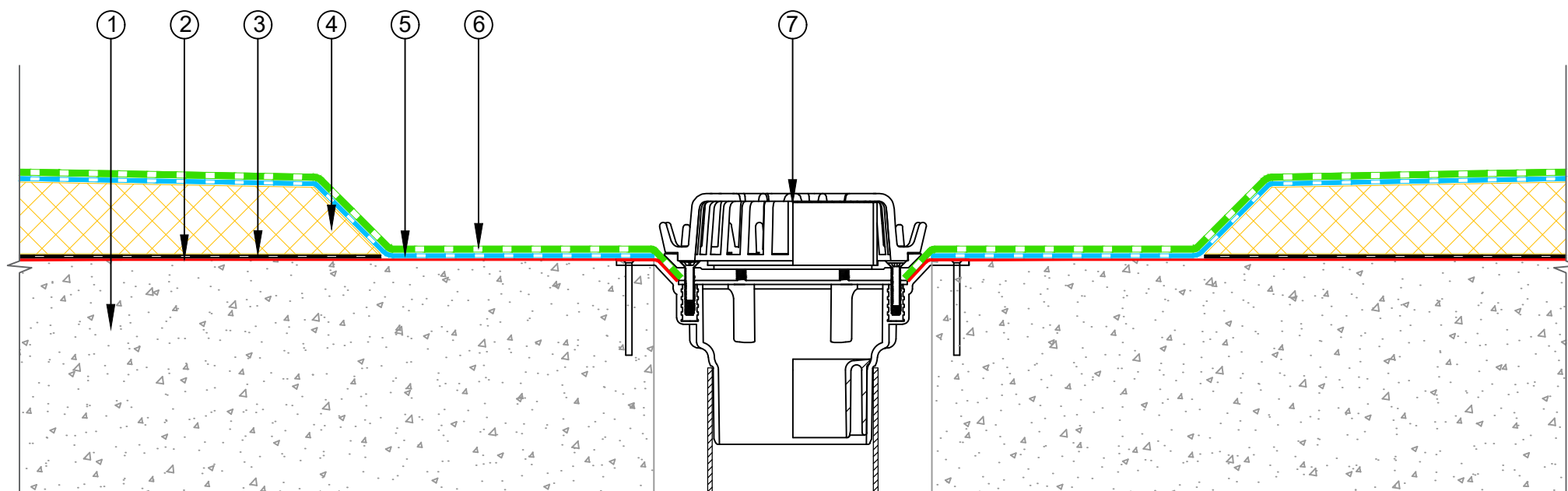
- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ Clamp Ring Drain



PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :	Drainage Clamping Ring Detail			
NUMBER :	BTIRC-D2a		SCALE :	NTS
DRAWN BY :	NKT	DATE :	12-Sep-2026	REVISED :
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- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ High flow roof drain



PROJECT : Bituminous 2 Layers Membrane System : Insulated Roof on Concrete

TITLE : High flow roof drain detail

NUMBER : BTIRC-D2b

SCALE : NTS

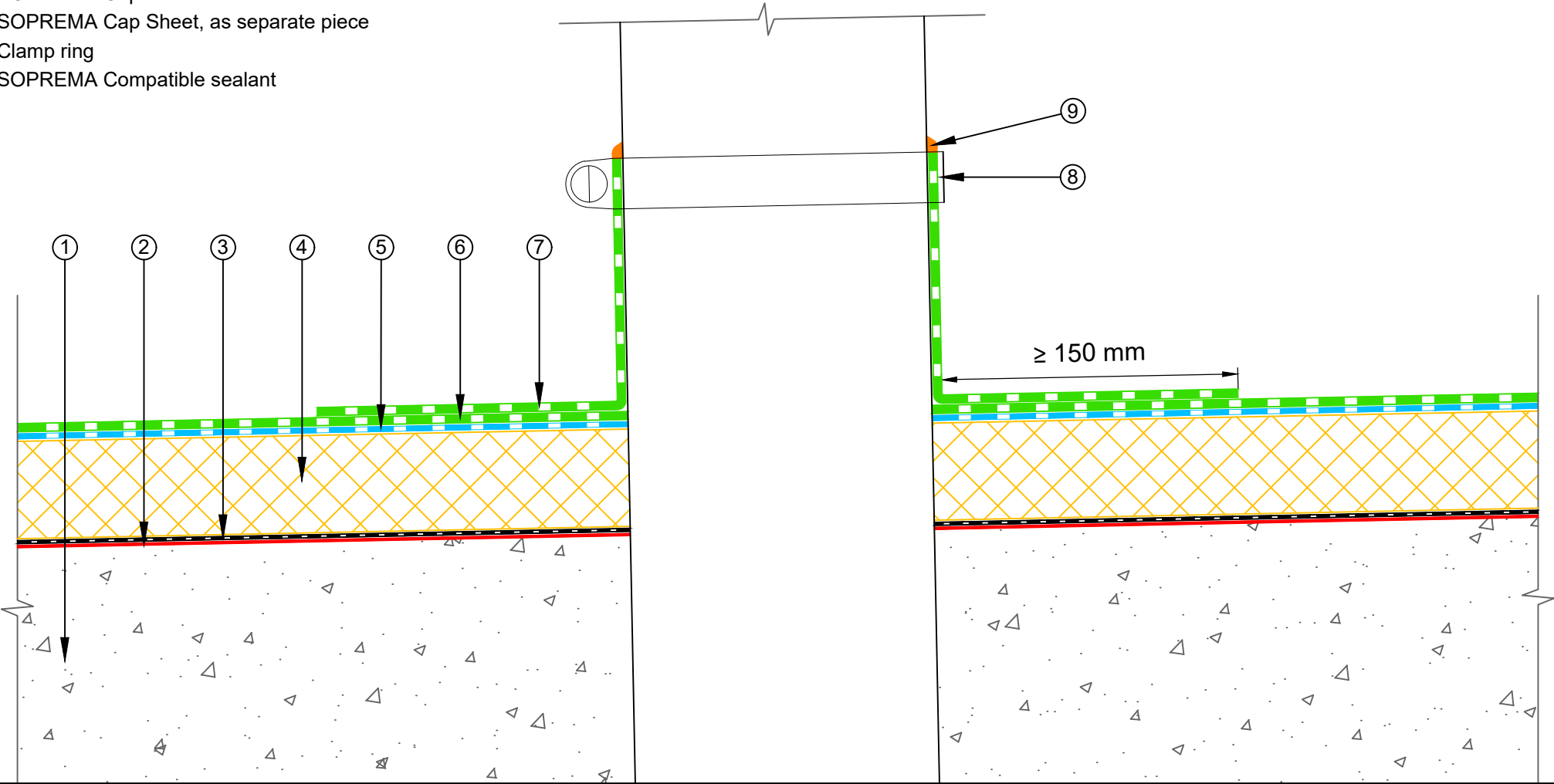
DRAWN BY : NKT DATE : 12-Sep-2026

REVISED :

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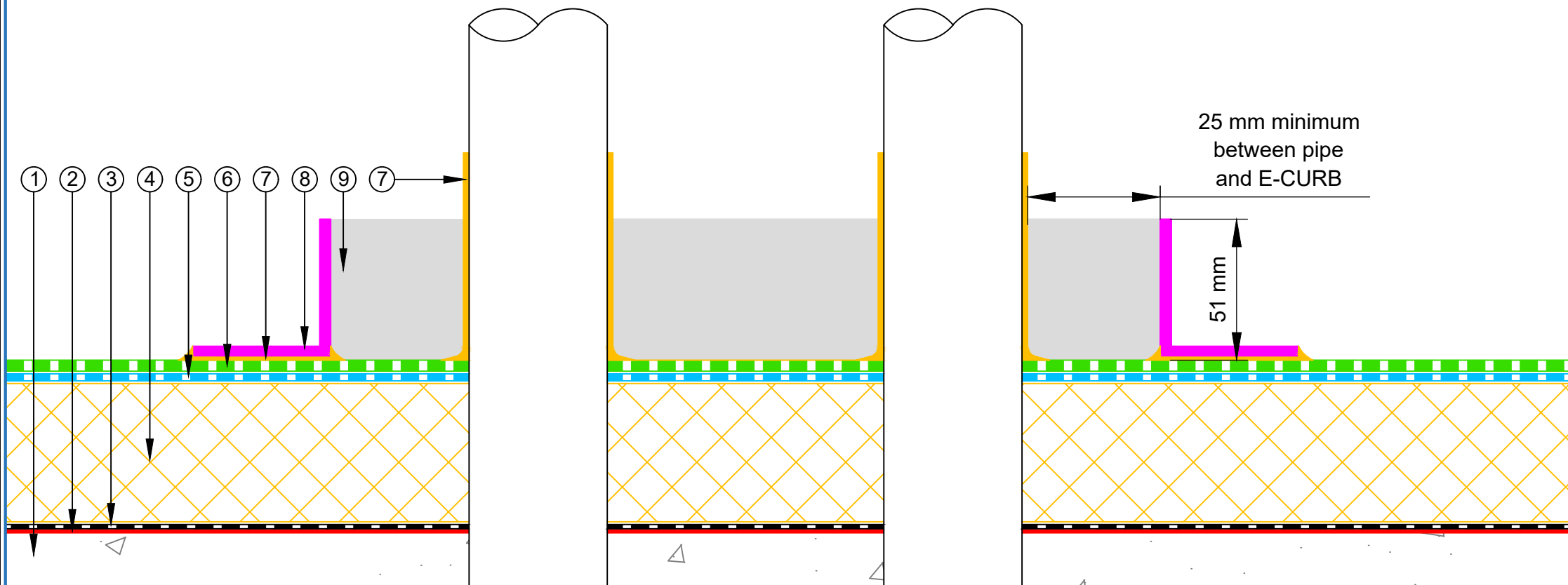
- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ SOPREMA Cap Sheet, as separate piece
- ⑧ Clamp ring
- ⑨ SOPREMA Compatible sealant



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :		Standard Pipe or SHS penetration			
NUMBER :		BTIRC-D3a		SCALE :	NTS
DRAWN BY :		NKT	DATE :	15-Oct-2026	REVISED :
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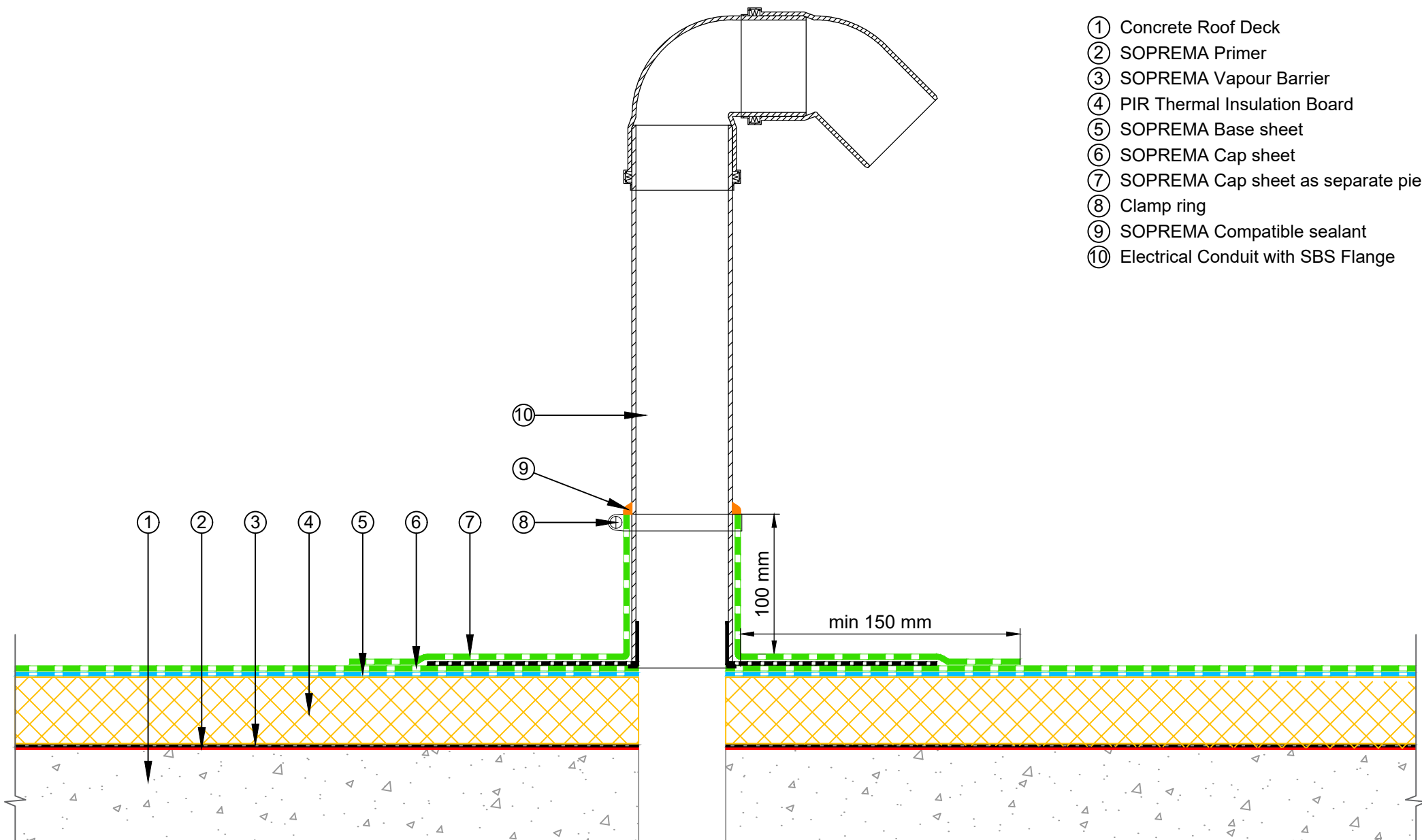
- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ SOPREMA M1 Structural Sealant
- ⑧ SOPREMA E-Curb
- ⑨ SOPREMA 1-Part Pourable Sealant



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :		Penetration with chemlink detail			
NUMBER :		BTIRC-D3b		SCALE :	NTS
DRAWN BY :		NKT	DATE :	15-Oct-2026	REVISED :
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- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ SOPREMA Cap sheet as separate piece
- ⑧ Clamp ring
- ⑨ SOPREMA Compatible sealant
- ⑩ Electrical Conduit with SBS Flange

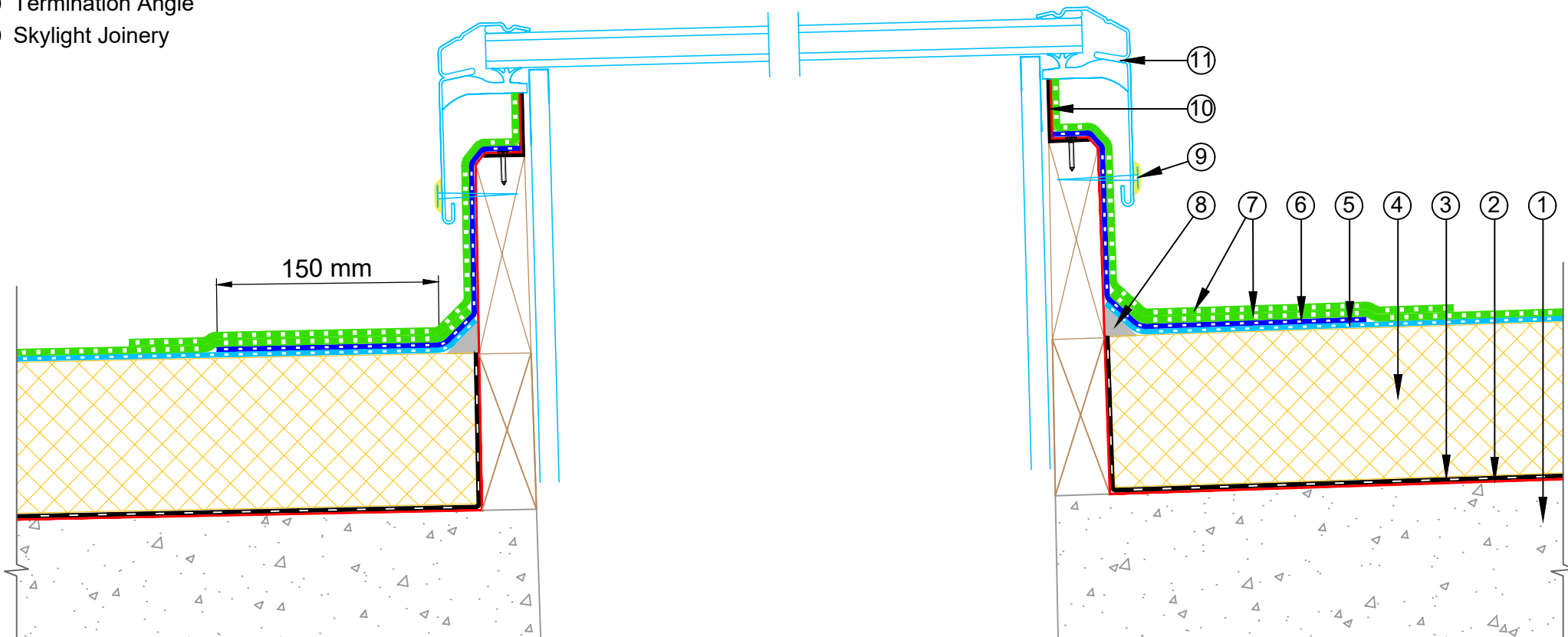


PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :	Electrical Conduit			
NUMBER :	BTIRC-D3c		SCALE :	NTS
DRAWN BY :	NKT	DATE :	15-Oct-2026	REVISED :

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- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Base sheet as separate piece
- ⑦ SOPREMA Cap sheet
- ⑧ Bitumen angle fillet
- ⑨ Over seal with SOPREMA Compatible Sealant
- ⑩ Termination Angle
- ⑪ Skylight Joinery



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :		Skylight Roof hatch			
NUMBER :		BTIRC-D4a		SCALE :	NTS
DRAWN BY :		NKT	DATE :	15-Oct-2026	REVISED :
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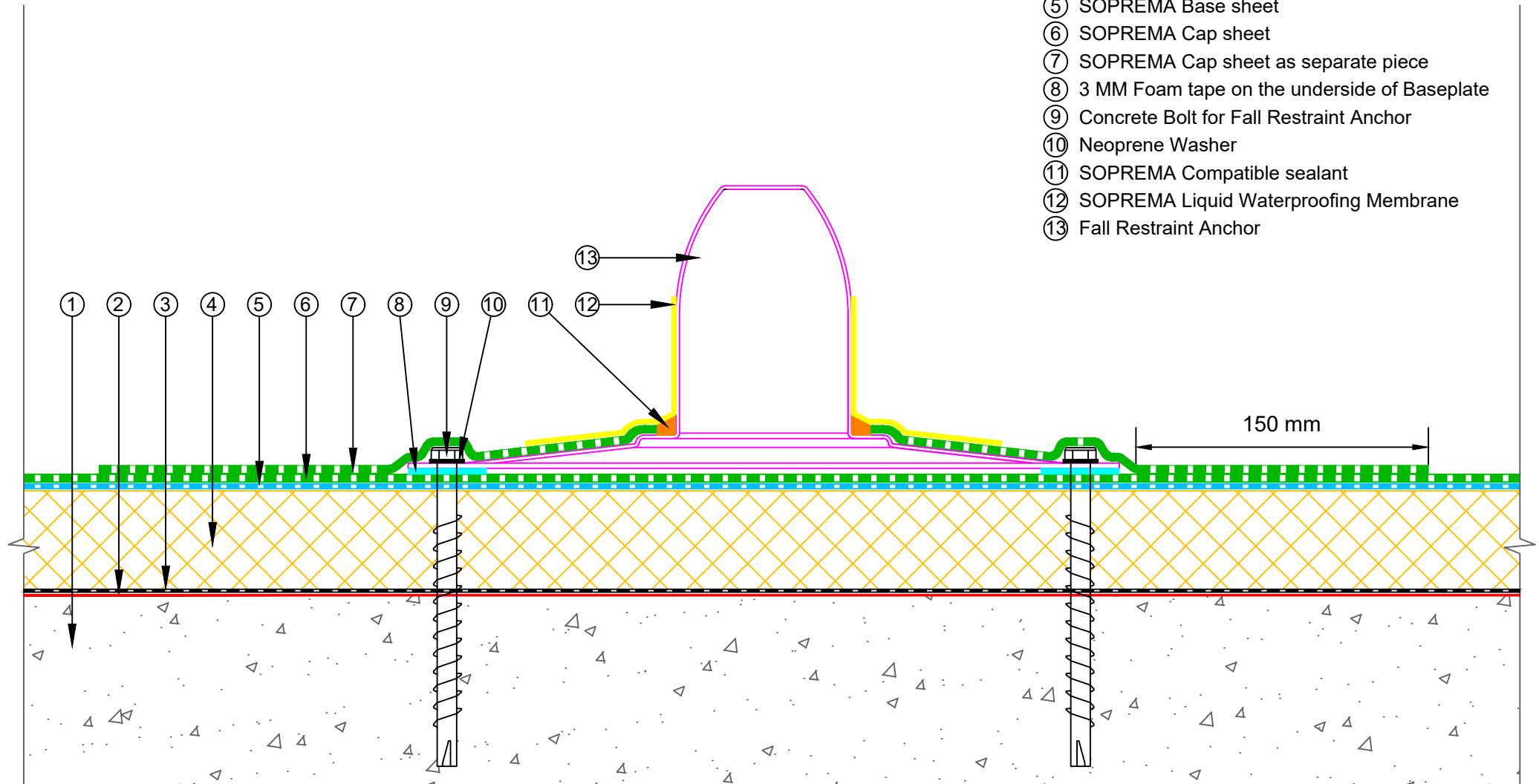
- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Base sheet as separate piece
- ⑦ SOPREMA Cap sheet
- ⑧ Sloped drainage cricket to divert water around skylight
- ⑨ Bitumen angle fillet
- ⑩ Over seal with SOPREMA Compatible Sealant
- ⑪ Termination Angle
- ⑫ Skylight Joinery



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :		Skylight Roof hatch with diverter			
NUMBER :		BTIRC-D4b		SCALE :	NTS
DRAWN BY :		NKT	DATE :	15-Oct-2026	REVISED :
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- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ SOPREMA Cap sheet as separate piece
- ⑧ 3 MM Foam tape on the underside of Baseplate
- ⑨ Concrete Bolt for Fall Restraint Anchor
- ⑩ Neoprene Washer
- ⑪ SOPREMA Compatible sealant
- ⑫ SOPREMA Liquid Waterproofing Membrane
- ⑬ Fall Restraint Anchor

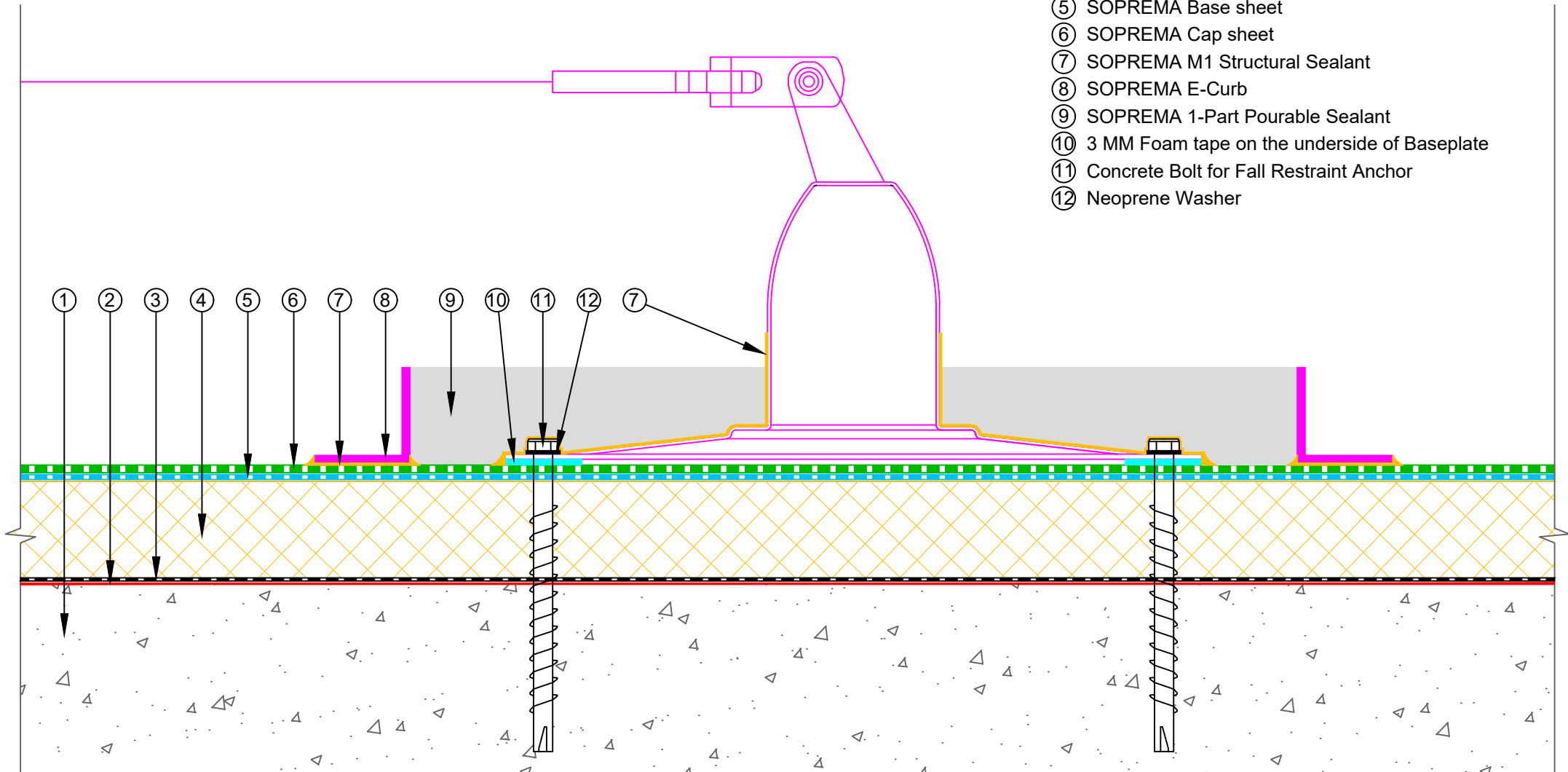


PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :	Fall restraint			
NUMBER :	BTIRC-D5a		SCALE :	NTS
DRAWN BY :	NKT	DATE :	15-Oct-2026	REVISED :

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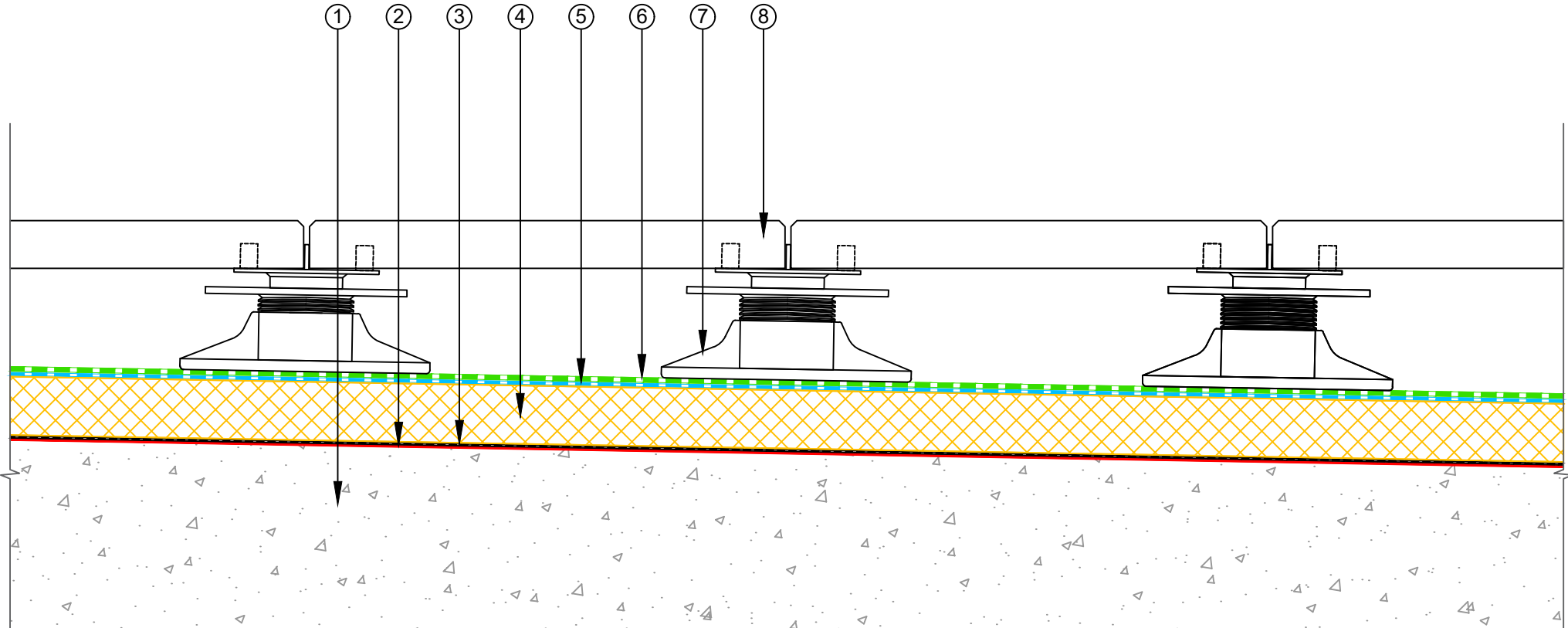
- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ SOPREMA M1 Structural Sealant
- ⑧ SOPREMA E-Curb
- ⑨ SOPREMA 1-Part Pourable Sealant
- ⑩ 3 MM Foam tape on the underside of Baseplate
- ⑪ Concrete Bolt for Fall Restraint Anchor
- ⑫ Neoprene Washer



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :		SafePro 2 Cable			
NUMBER :		BTIRC-D5b		SCALE :	NTS
DRAWN BY :		NKT	DATE :	15-Oct-2026	REVISED :
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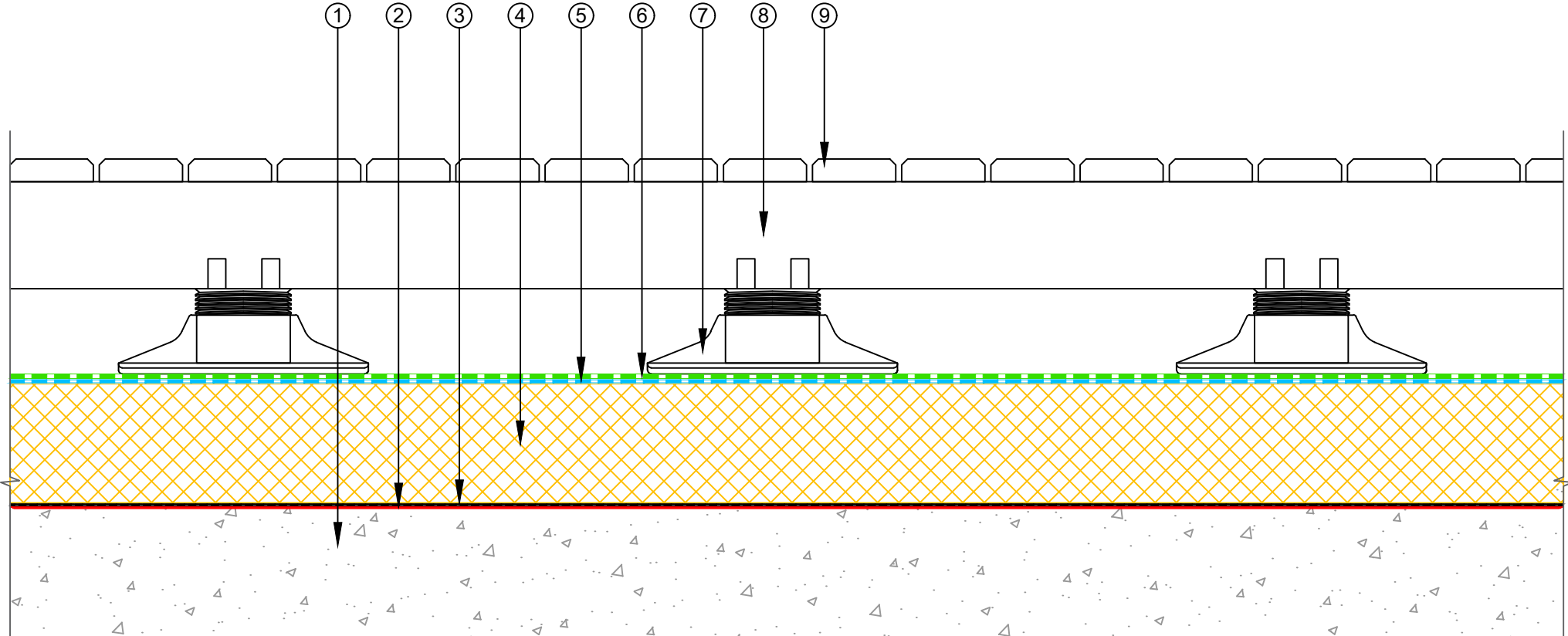
- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ Adjustable Tile / Paving Support
- ⑧ Pavers



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :		Pavers on pedestals			
NUMBER :		BTIRC-D6a		SCALE :	NTS
DRAWN BY :		NKT	DATE :	15-Oct-2026	REVISED :
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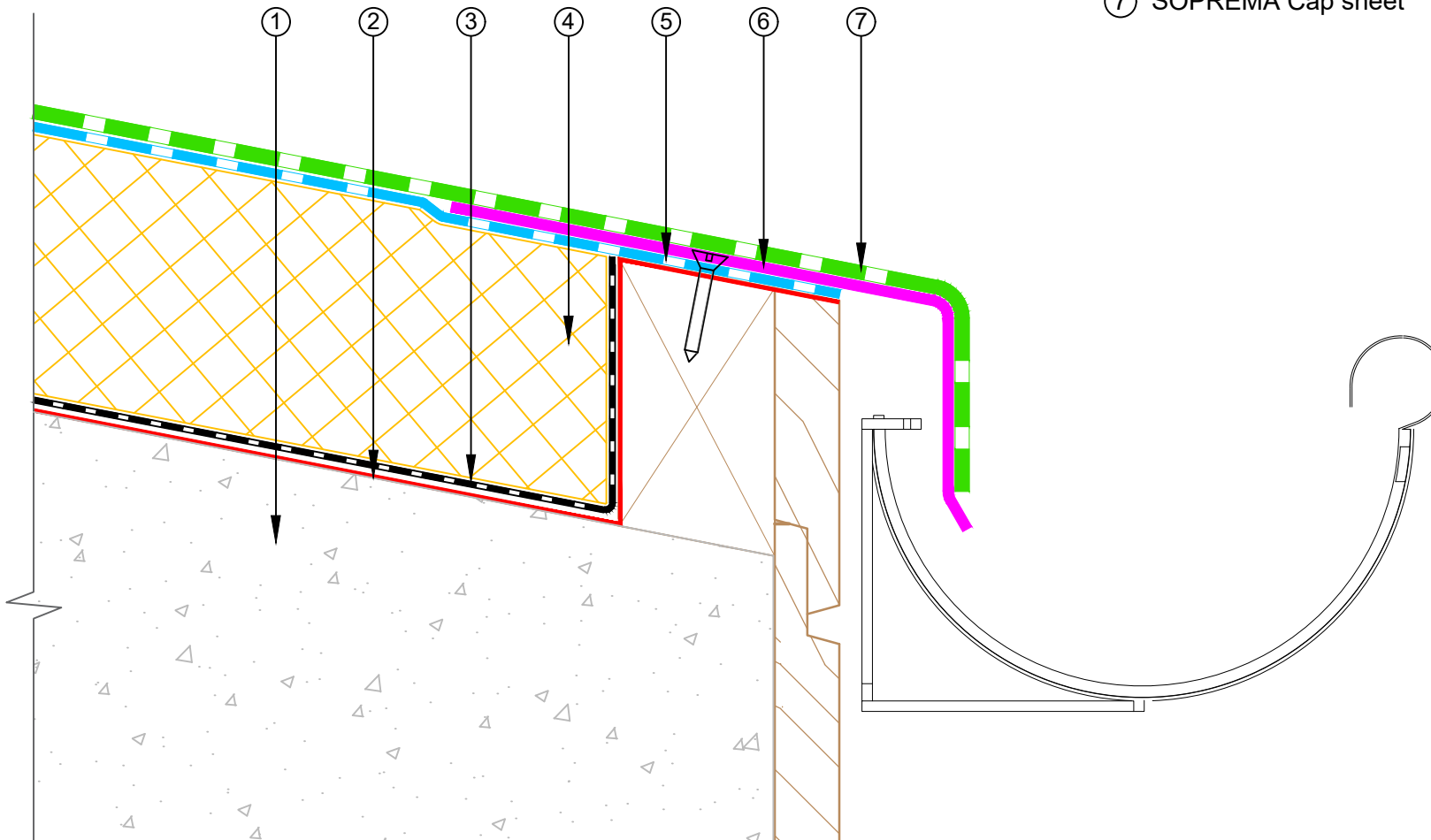
- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ Adjustable Tile / Paving Support
- ⑧ Timber structure
- ⑨ Decking



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :		Timber structure on pedestals			
NUMBER :		BTIRC-D6b		SCALE :	NTS
DRAWN BY :		NKT	DATE :	15-Oct-2026	REVISED :
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- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ Aluminium Flashing fixed at 150 mm centres
- ⑦ SOPREMA Cap sheet

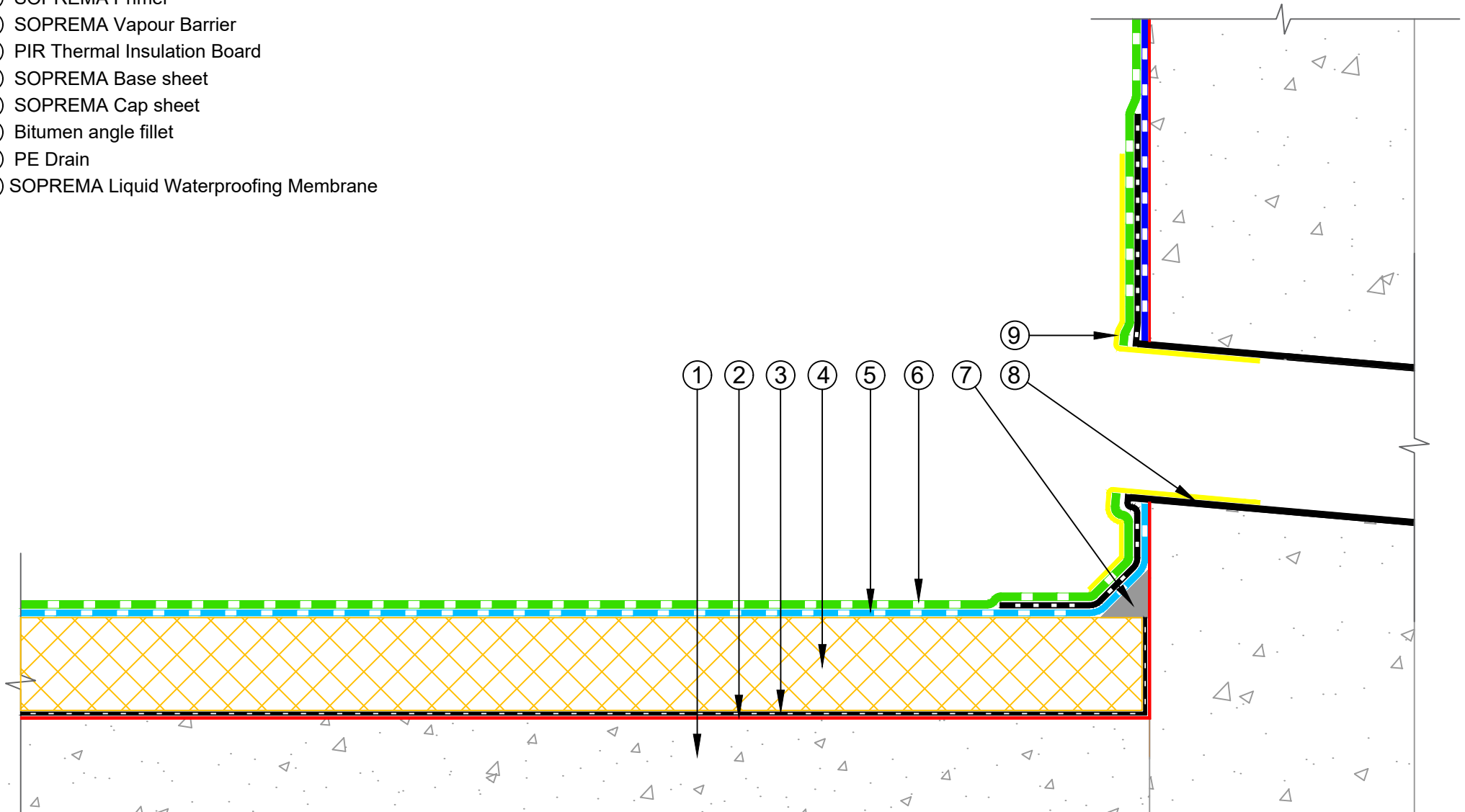


PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :	Connection to External Gutter			
NUMBER :	BTIRC-D7a		SCALE :	NTS
DRAWN BY :	NKT	DATE :	15-Oct-2026	REVISED :

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- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ Bitumen angle fillet
- ⑧ PE Drain
- ⑨ SOPREMA Liquid Waterproofing Membrane



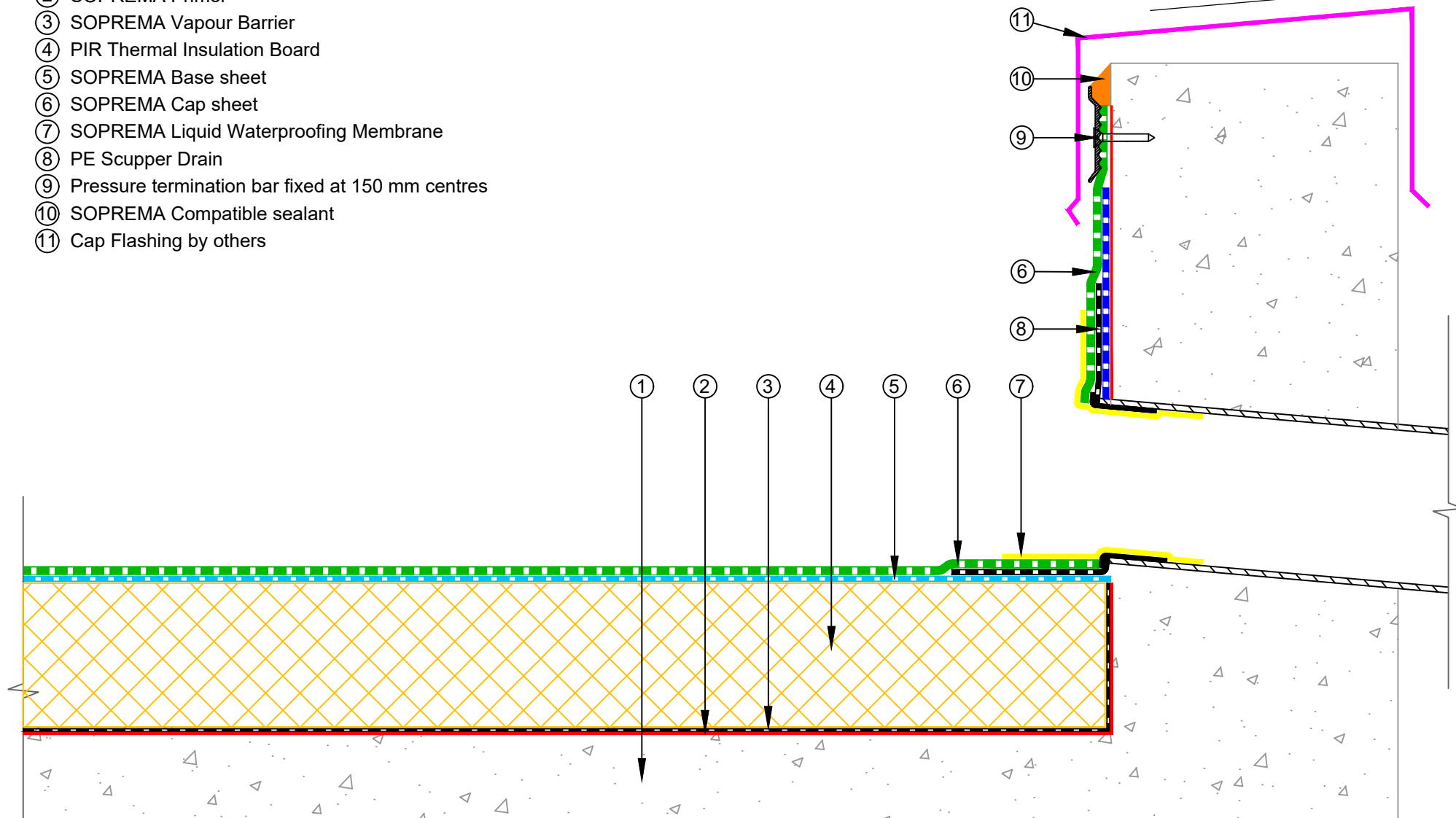
PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete				
TITLE :	Parapet with overflow				
NUMBER :	BTIRC-D8a		SCALE :	NTS	
DRAWN BY :	NKT	DATE :	15-Oct-2026	REVISED :	

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- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ SOPREMA Liquid Waterproofing Membrane
- ⑧ PE Scupper Drain
- ⑨ Pressure termination bar fixed at 150 mm centres
- ⑩ SOPREMA Compatible sealant
- ⑪ Cap Flashing by others

5° min. slope



PROJECT : Bituminous 2 Layers Membrane System : Insulated Roof on Concrete

TITLE : Parapet with scupper drain with roof capping

NUMBER : BTNRC-D8b

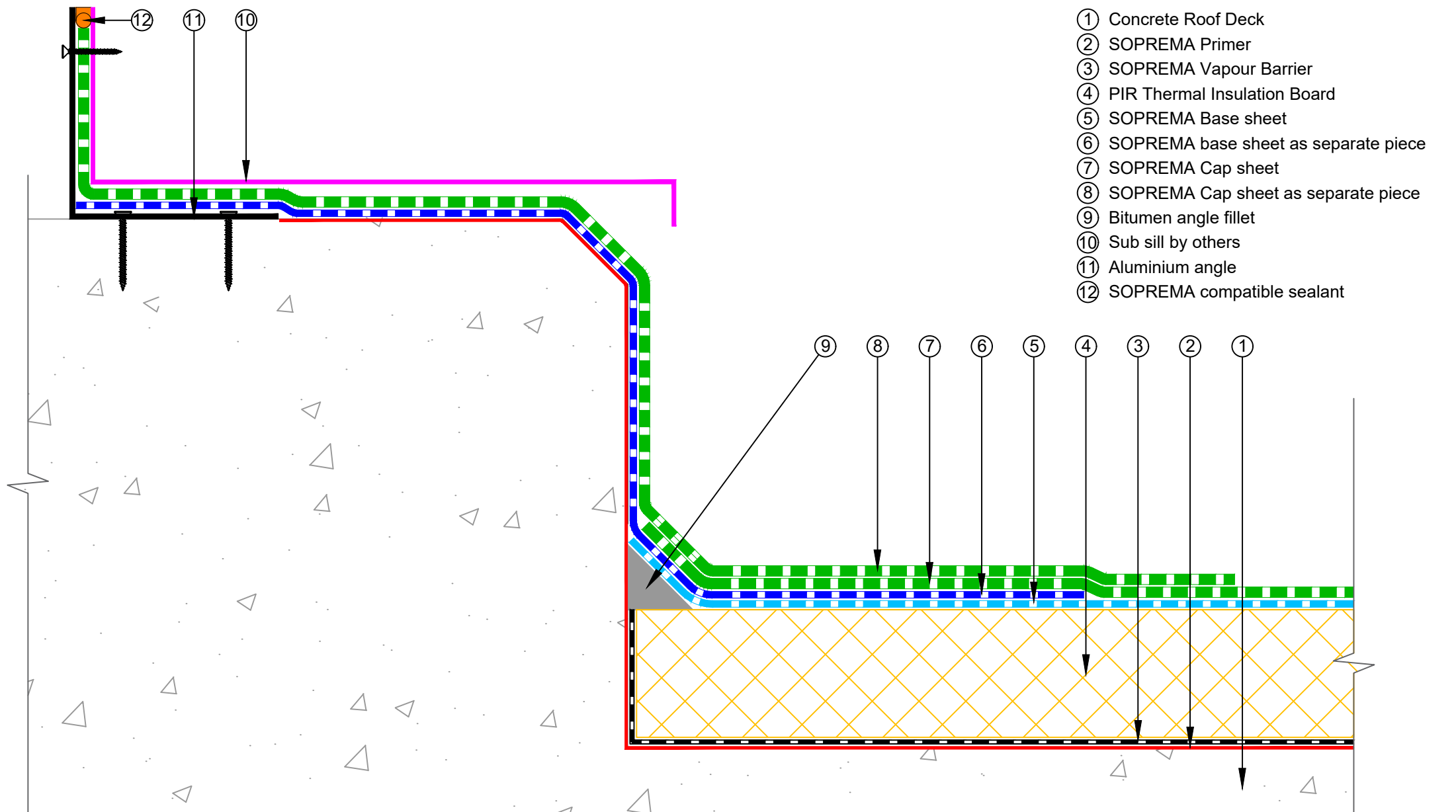
SCALE : NTS

DRAWN BY : NKT DATE : 15-Oct-2026

REVISED :

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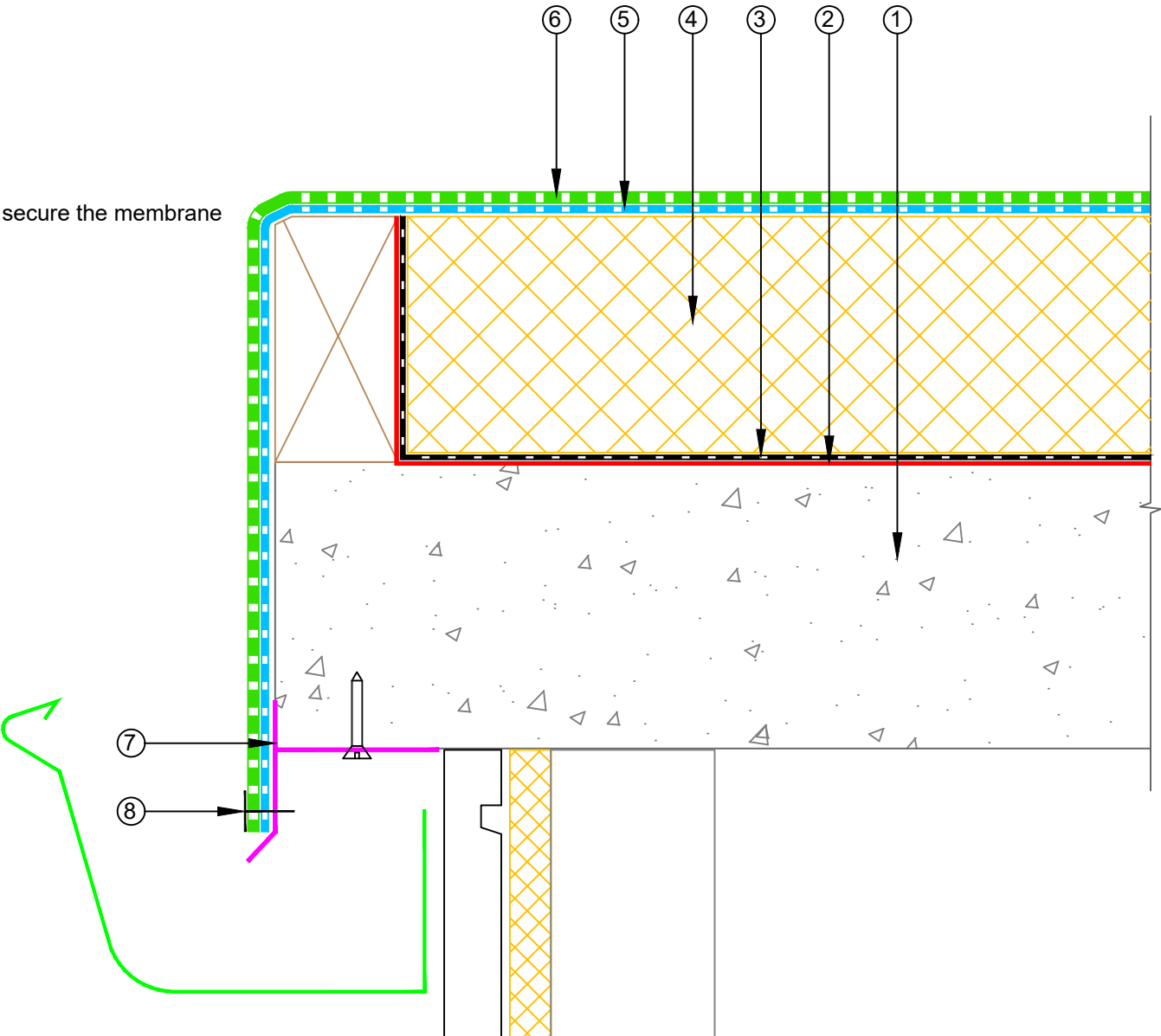




PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :	Door Detail			
NUMBER :	BTIRC-D9a		SCALE :	NTS
DRAWN BY :	NKT	DATE :	15-Oct-2026	REVISED :
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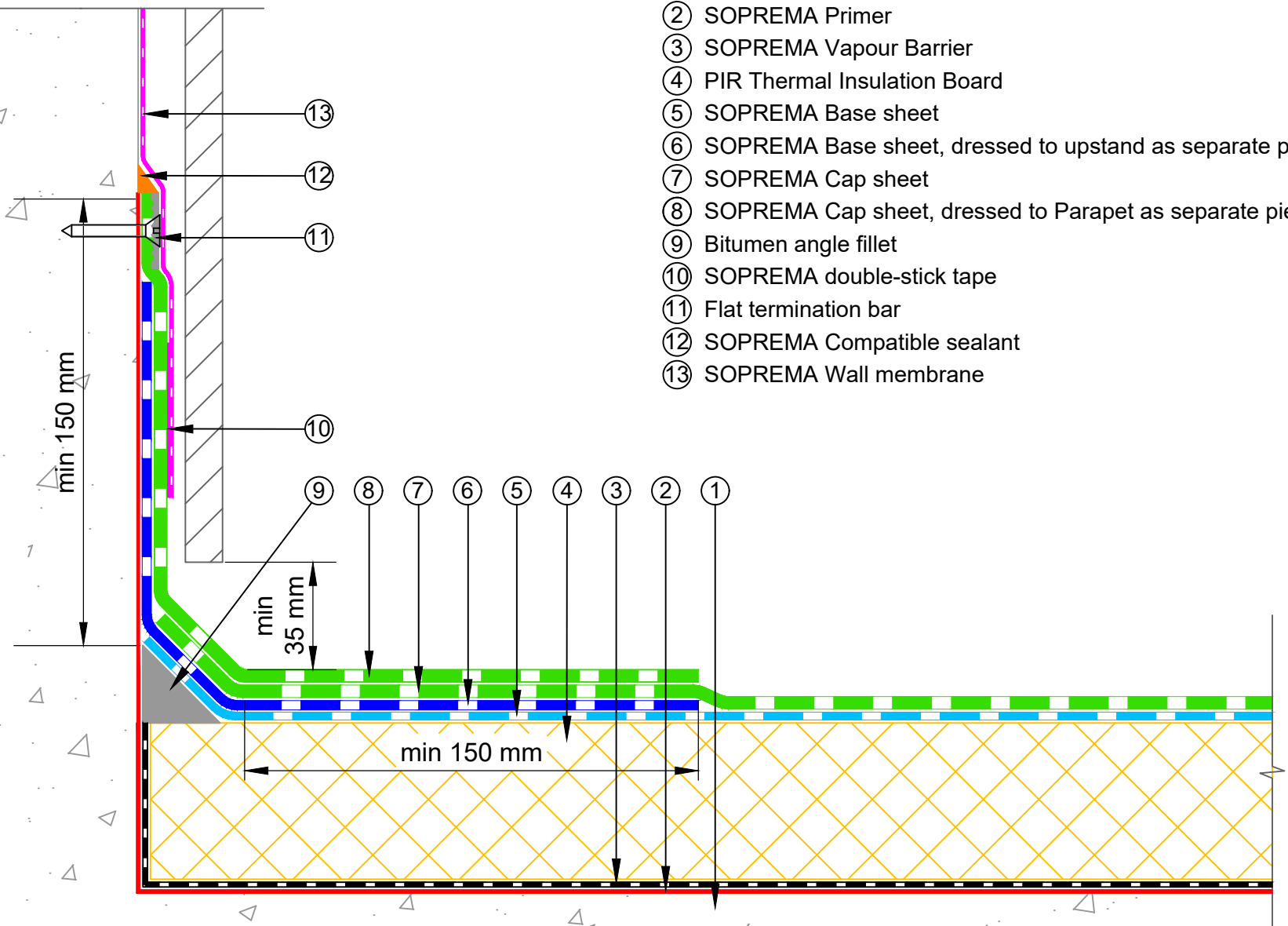
- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ M.A. Drip edge flashing
- ⑧ Aluminium or S/S fixing bar rivet to M.A. Drip edge flashing to secure the membrane



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :		Drip Edge Detail			
NUMBER :		BTIRC-D10a		SCALE :	NTS
DRAWN BY :		NKT	DATE :	15-Oct-2026	REVISED :
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- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Base sheet, dressed to upstand as separate piece
- ⑦ SOPREMA Cap sheet
- ⑧ SOPREMA Cap sheet, dressed to Parapet as separate piece
- ⑨ Bitumen angle fillet
- ⑩ SOPREMA double-stick tape
- ⑪ Flat termination bar
- ⑫ SOPREMA Compatible sealant
- ⑬ SOPREMA Wall membrane

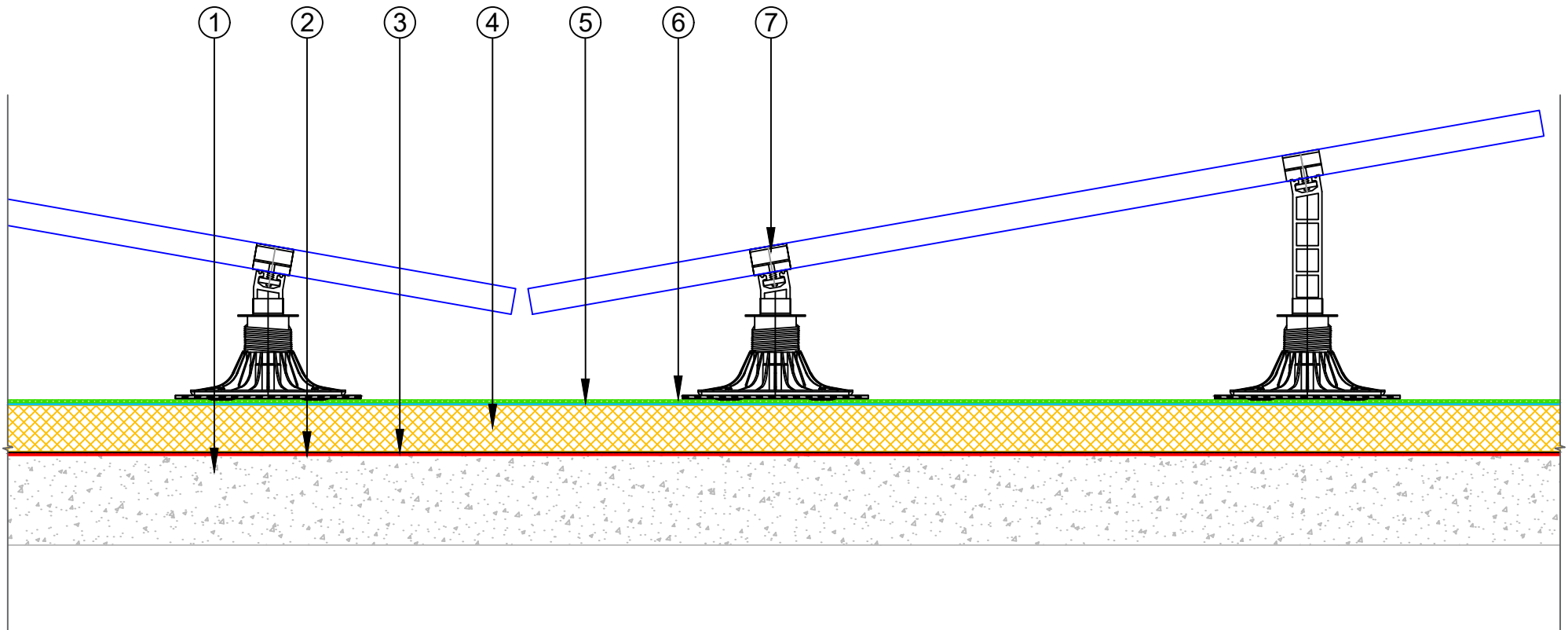


PROJECT :	Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :	Membrane roof to wall detail			
NUMBER :	BTIRC-D11a		SCALE :	NTS
DRAWN BY :	NKT	DATE :	15-Oct-2026	REVISED :

This detail is intended as a guide only to waterproofing. The guidelines are general and refer to typical applications only. No part of this detail is intended to override or supersede architectural and engineering specifications or the National Construction Code, Building Code of Australia and Australian Standards. Advice from qualified professionals should be sought if there is an apparent conflict between these details and not override any legislative requirements of the States and Territories. All components must be supplied by SOPREMA. SOPREMA reserves the right to alter or upgrade details at any time without prior notice.



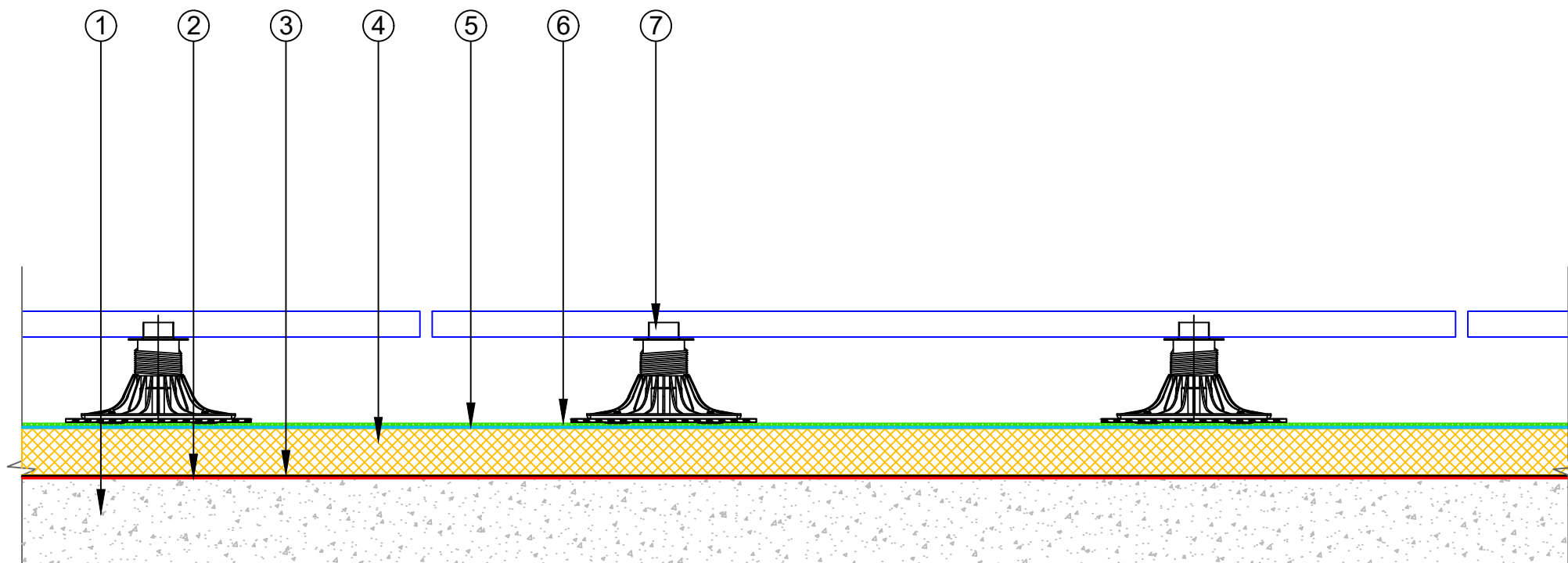
- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ SOPREMA SOPRASOLAR® FIX EVO TILT



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete							
TITLE :		Roof build up with SOPRASOLAR							
NUMBER :		BTIRC-D12a				SCALE :		NTS	
DRAWN BY :		NKT	DATE :	15-Oct-2026		REVISED :			
This detail is intended as a guide only to waterproofing. The guidelines are general and refer to typical applications only. No part of this detail is intended to override or supersede architectural and engineering specifications or the National Construction Code, Building Code of Australia and Australian Standards. Advice from qualified professionals should be sought if there is an apparent conflict between these details and not override any legislative requirements of the States and Territories. All components must be supplied by SOPREMA. SOPREMA reserves the right to alter or upgrade details at any time without prior notice.									



- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ SOPREMA SOPRASOLAR® pedestal



PROJECT : Bituminous 2 Layers Membrane System : Insulated Roof on Concrete

TITLE : SOPREMA Soprasolar (Flat)

NUMBER : BTIRC-D12b

SCALE : NTS

DRAWN BY : NKT DATE : 15-Oct-2026

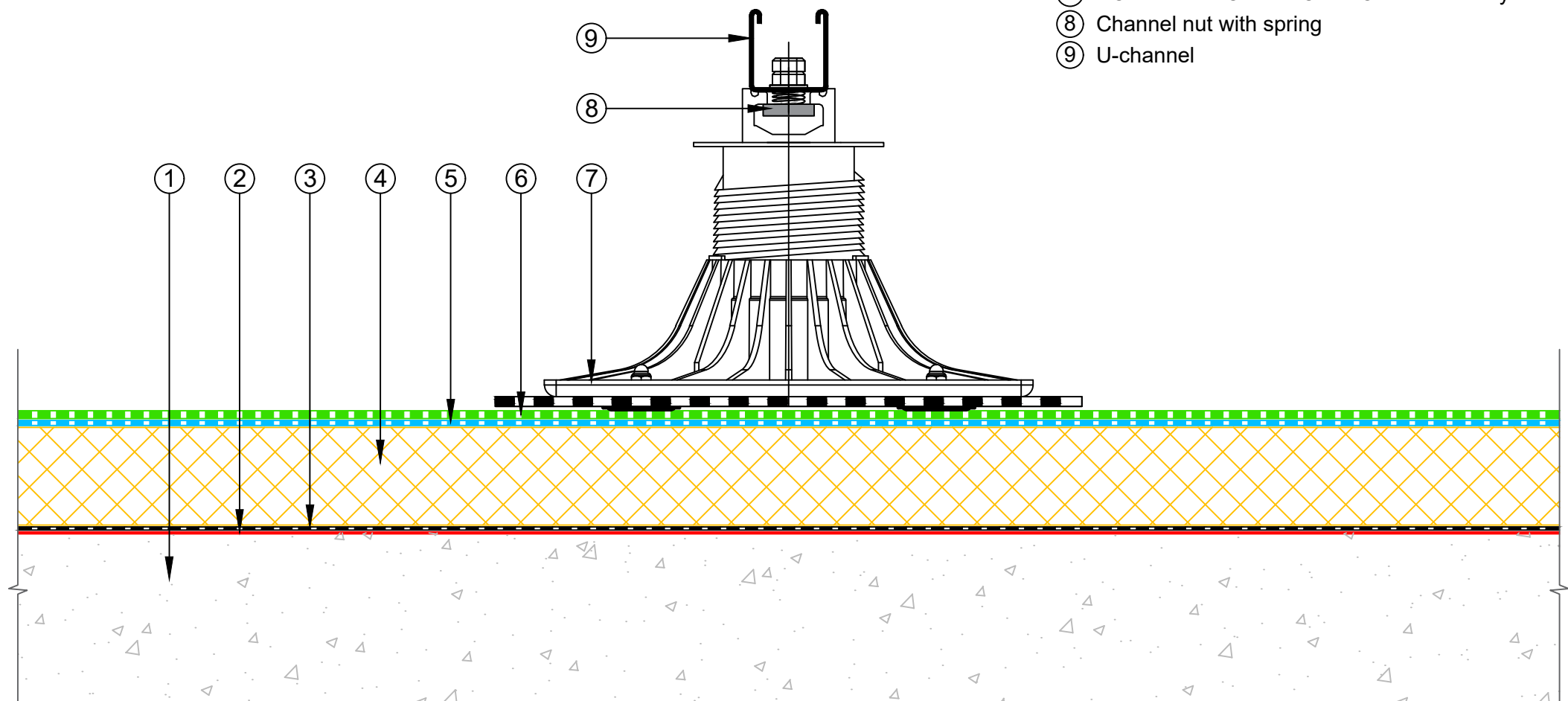
REVISED :

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NOTE : In some cases, SOPRASOLAR can be used to support light-weight roof equipment on top of the roof without puncturing the waterproofing membranes. This is only possible for light-weight objects with low wind uplift risk. Contact your SOPREMA authorised distributor for more information.

- ① Concrete Roof Deck
- ② SOPREMA Primer
- ③ SOPREMA Vapour Barrier
- ④ PIR Thermal Insulation Board
- ⑤ SOPREMA Base sheet
- ⑥ SOPREMA Cap sheet
- ⑦ SOPREMA SOPRASOLAR® Pedestal fully torched
- ⑧ Channel nut with spring
- ⑨ U-channel



PROJECT :		Bituminous 2 Layers Membrane System : Insulated Roof on Concrete			
TITLE :		Soprasolar detail with u channel			
NUMBER :		BTIRC-D13a		SCALE :	NTS
DRAWN BY :		NKT	DATE :	15-Oct-2026	REVISED :
This detail is intended as a guide only to waterproofing. The guidelines are general and refer to typical applications only. No part of this detail is intended to override or supersede architectural and engineering specifications or the National Construction Code, Building Code of Australia and Australian Standards. Advice from qualified professionals should be sought if there is an apparent conflict between these details and not override any legislative requirements of the States and Territories. All components must be supplied by SOPREMA. SOPREMA reserves the right to alter or upgrade details at any time without prior notice.					

