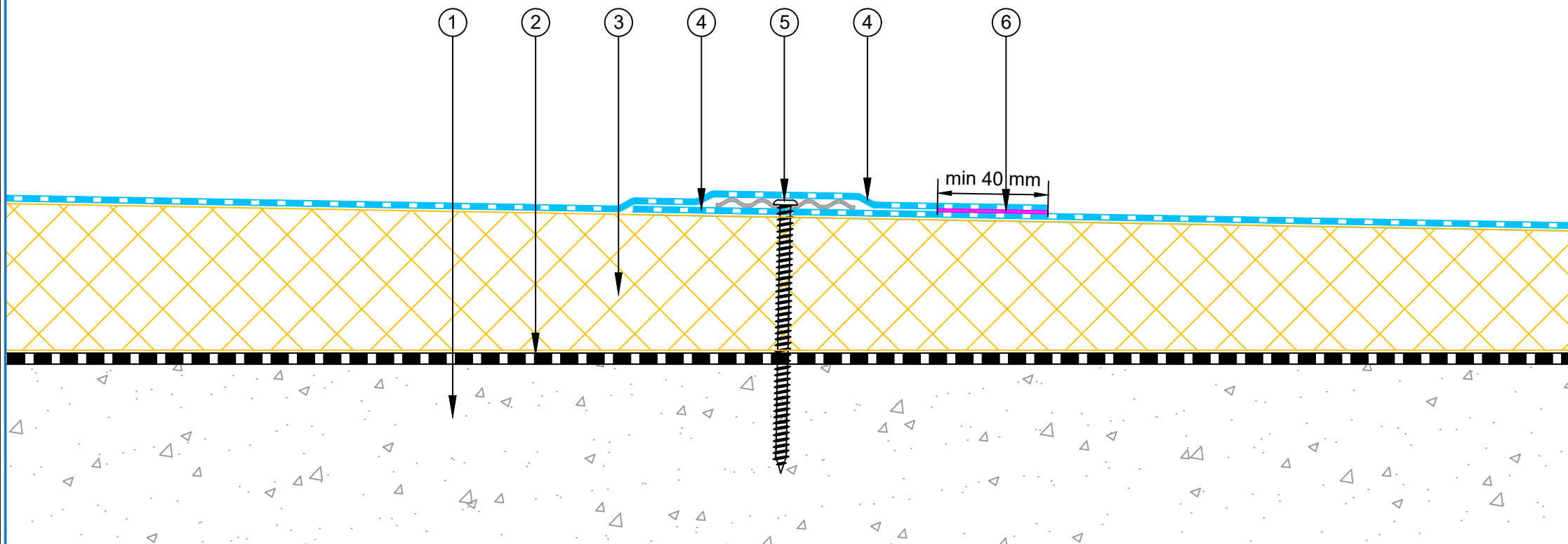


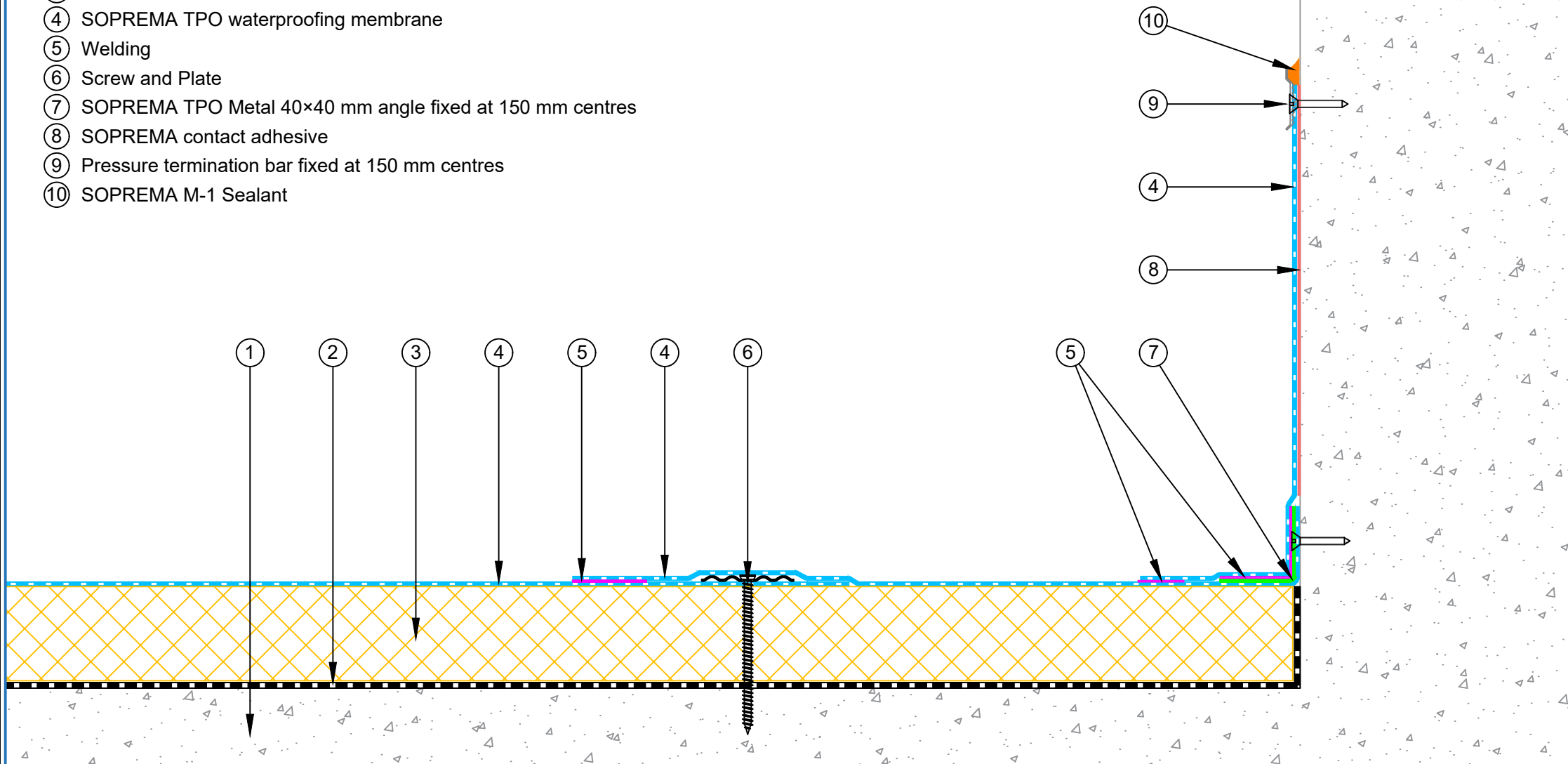
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Screw and Plate
- ⑥ Welding



PROJECT :		Insulated concrete roof for roof renovation with TPO system			
TITLE :		Typical Build Up detail			
NUMBER :		TNIEC-D1a		SCALE :	NTS
DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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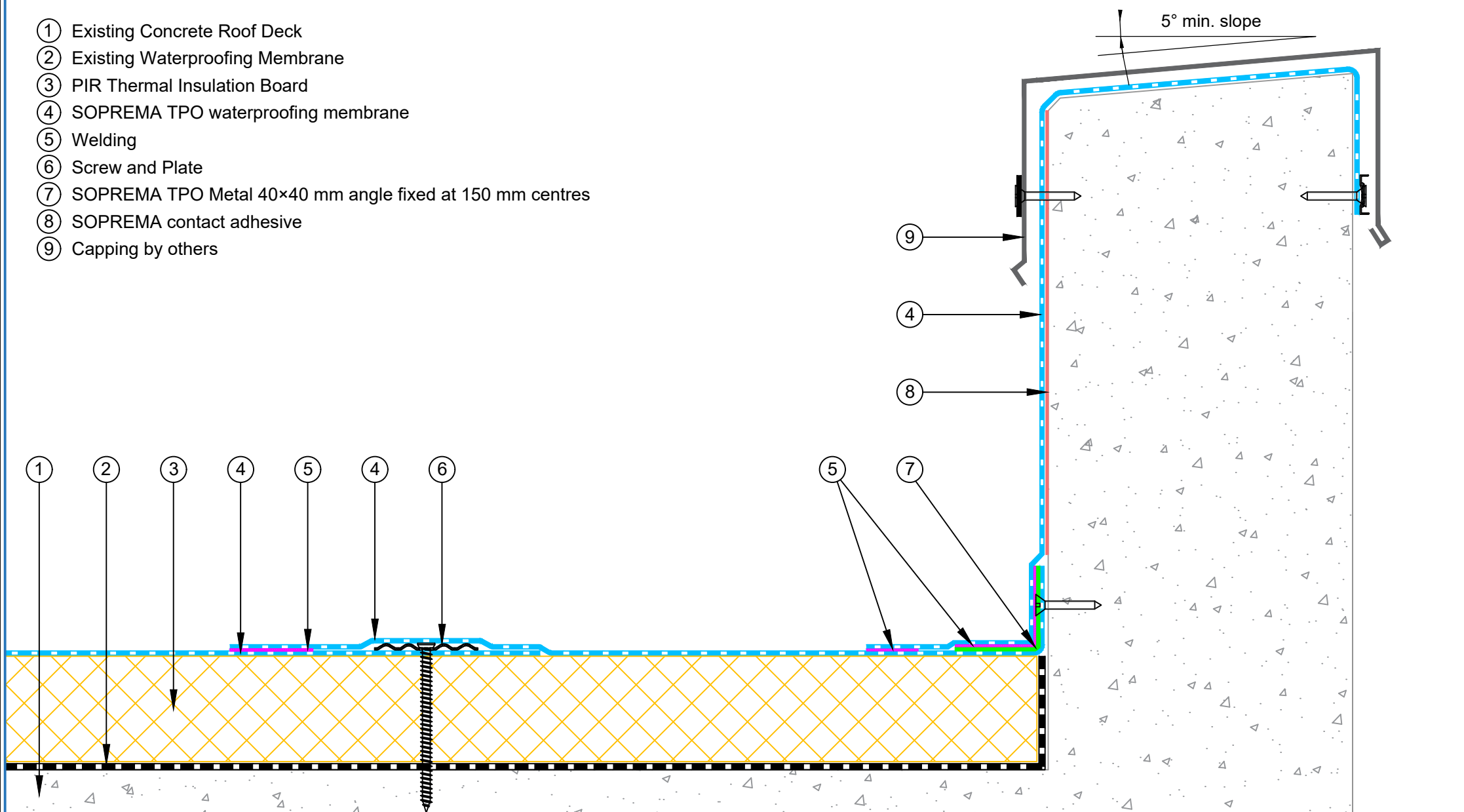
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ Screw and Plate
- ⑦ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑧ SOPREMA contact adhesive
- ⑨ Pressure termination bar fixed at 150 mm centres
- ⑩ SOPREMA M-1 Sealant



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		Upstand with pressure seal termination detail			
	NUMBER :		TNIEC-D2a		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ Screw and Plate
- ⑦ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑧ SOPREMA contact adhesive
- ⑨ Capping by others

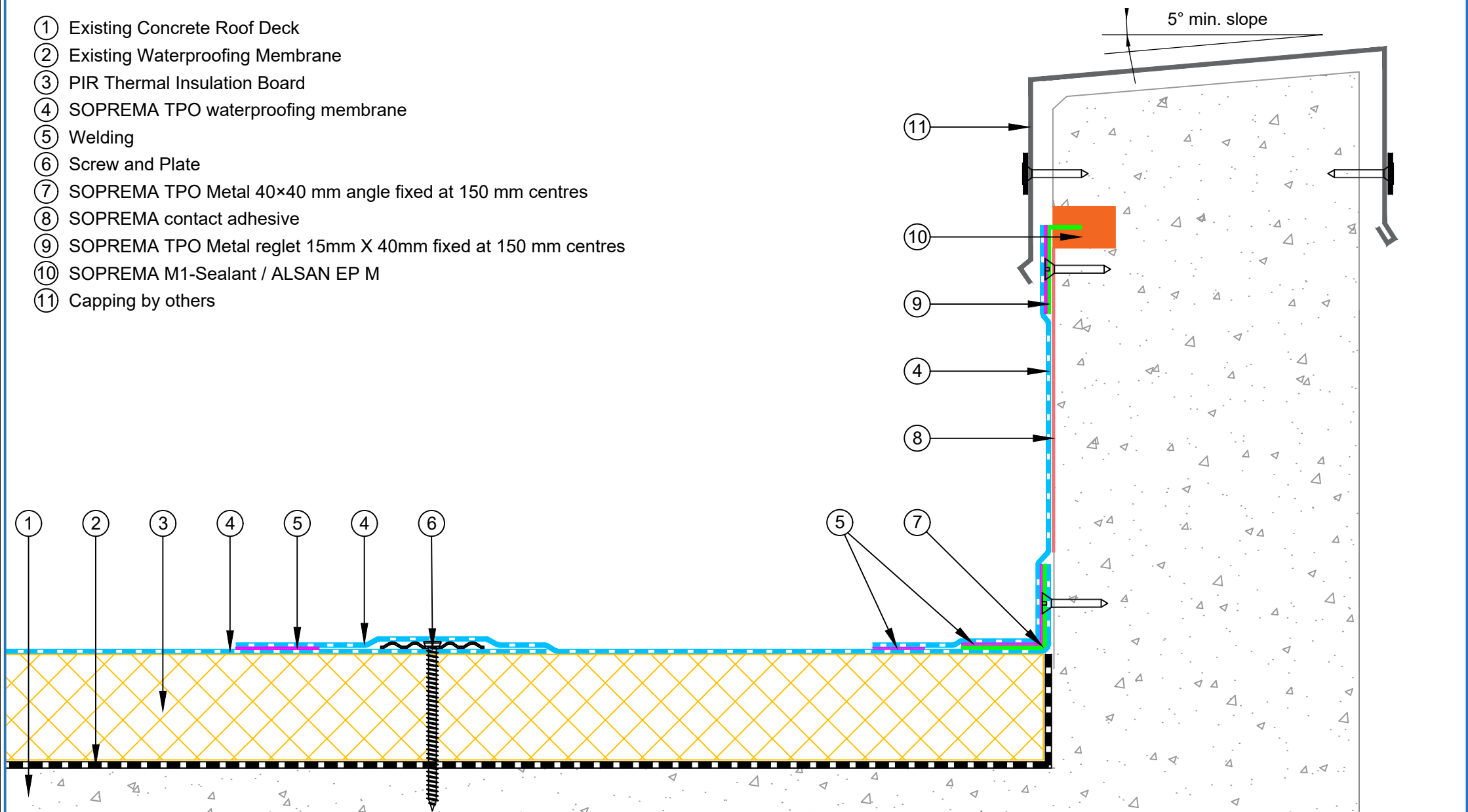


PROJECT :	Insulated concrete roof for roof renovation with TPO system			
TITLE :	Upstand with capping detail			
NUMBER :	TNIEC-D2b		SCALE :	NTS
DRAWN BY :	NKT	DATE :	13-Jun-2026	REVISED :

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- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ Screw and Plate
- ⑦ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑧ SOPREMA contact adhesive
- ⑨ SOPREMA TPO Metal reglet 15mm X 40mm fixed at 150 mm centres
- ⑩ SOPREMA M1-Sealant / ALSAN EP M
- ⑪ Capping by others



PROJECT : Insulated concrete roof for roof renovation with TPO system

TITLE : Upstand with reglet detail

NUMBER : TNIEC-D2c

SCALE : NTS

DRAWN BY : NKT

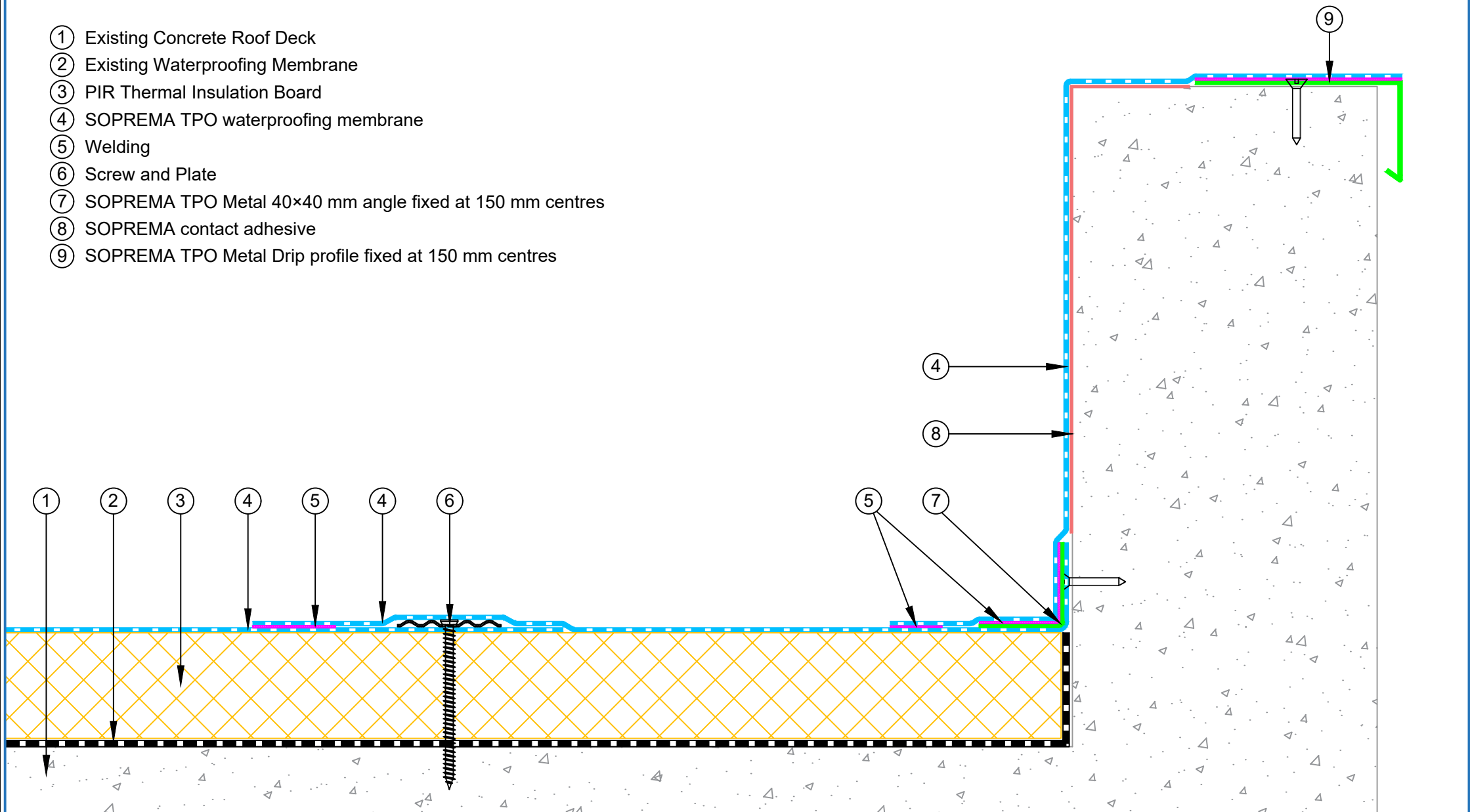
DATE : 13-Jun-2026

REVISED :

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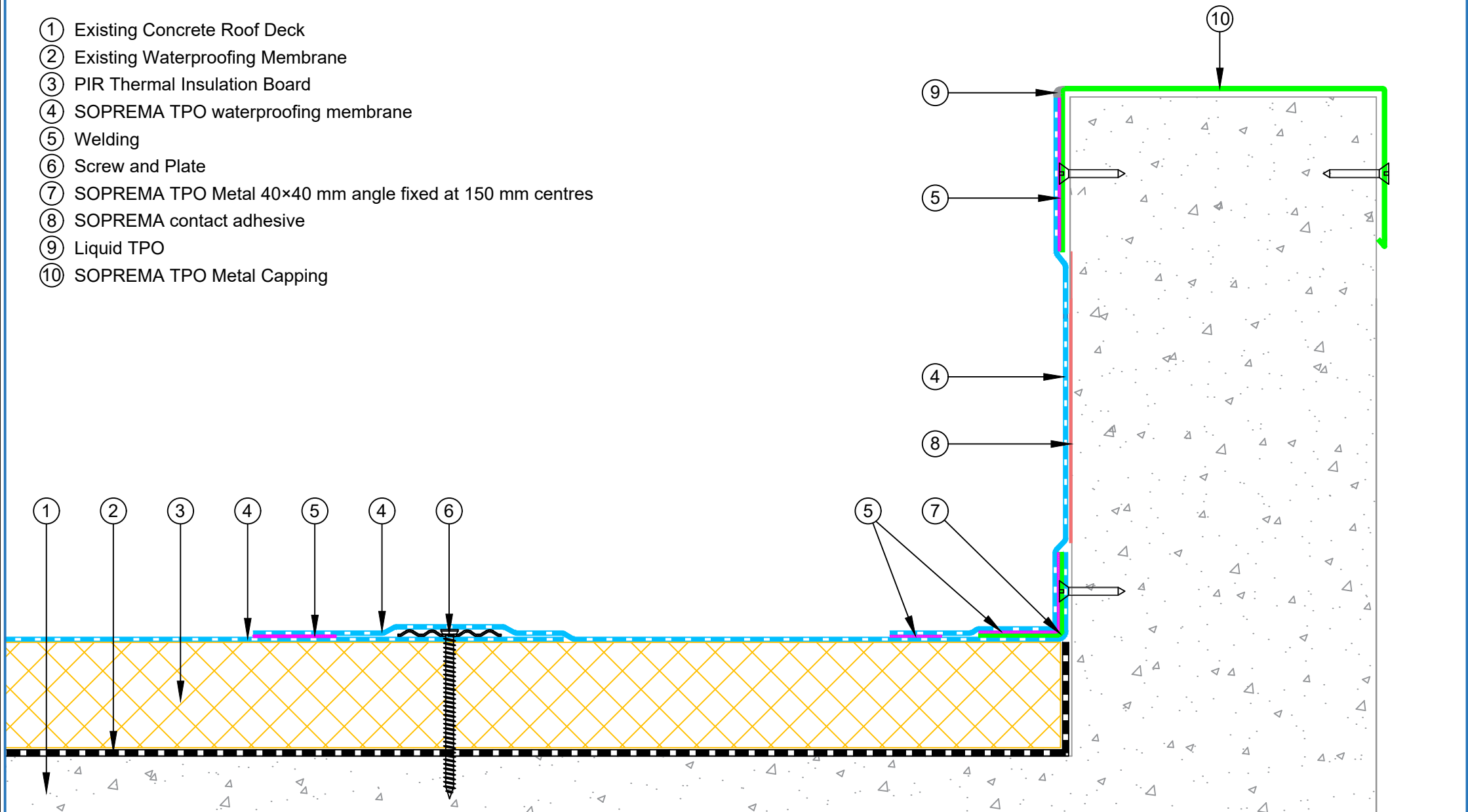
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ Screw and Plate
- ⑦ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑧ SOPREMA contact adhesive
- ⑨ SOPREMA TPO Metal Drip profile fixed at 150 mm centres



PROJECT :		Insulated concrete roof for roof renovation with TPO system			
TITLE :		Upstand with roof edge termination detail			
NUMBER :		TNIEC-D2d		SCALE :	NTS
DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ Screw and Plate
- ⑦ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑧ SOPREMA contact adhesive
- ⑨ Liquid TPO
- ⑩ SOPREMA TPO Metal Capping



PROJECT : Insulated concrete roof for roof renovation with TPO system

TITLE : Upstand with SOPREMA TPO Metal capping

NUMBER : TNIEC-D2e

SCALE : NTS

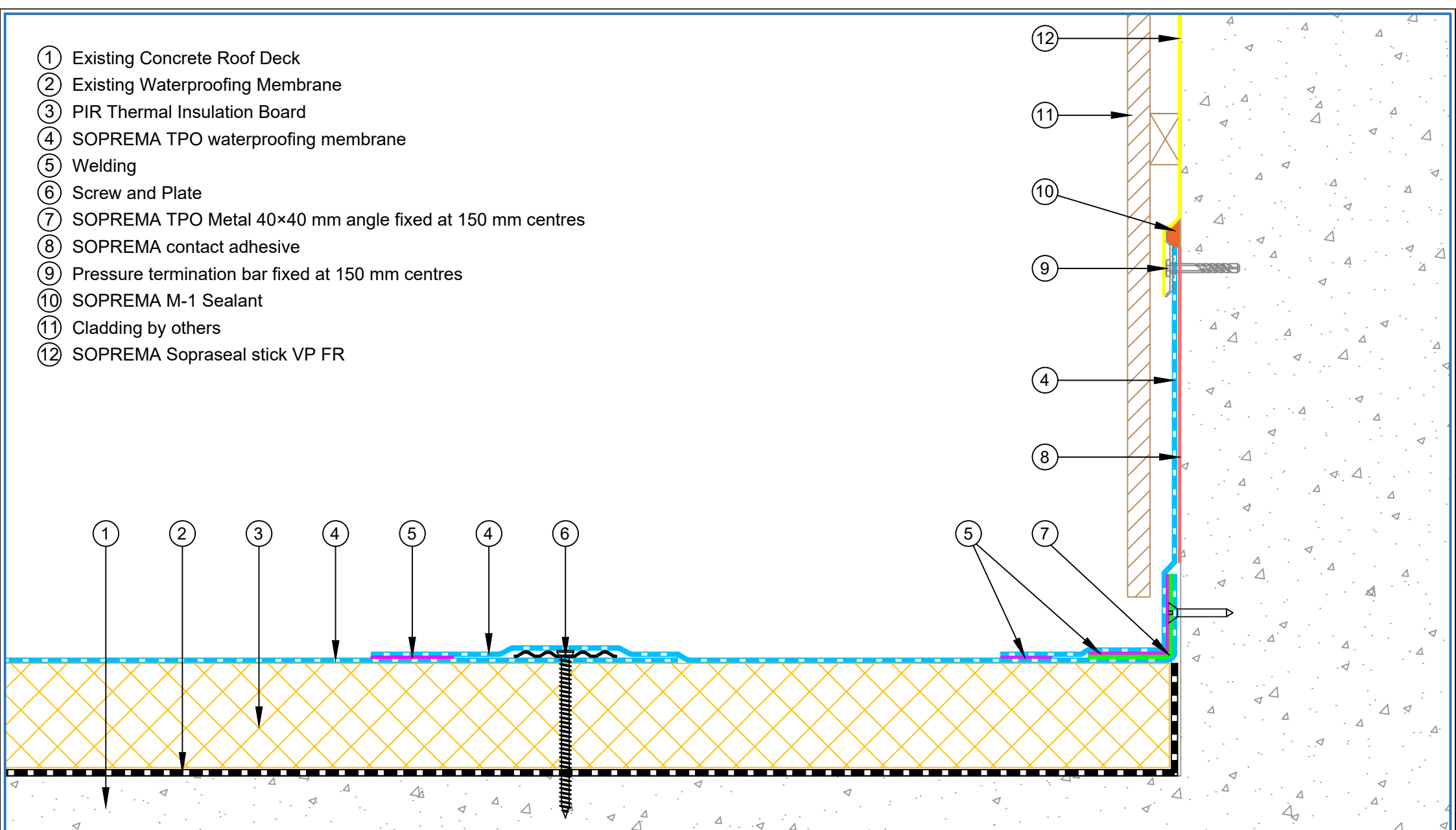
DRAWN BY : NKT DATE : 13-Jun-2026

REVISED :

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- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ Screw and Plate
- ⑦ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑧ SOPREMA contact adhesive
- ⑨ Pressure termination bar fixed at 150 mm centres
- ⑩ SOPREMA M-1 Sealant
- ⑪ Cladding by others
- ⑫ SOPREMA Sopraseal stick VP FR

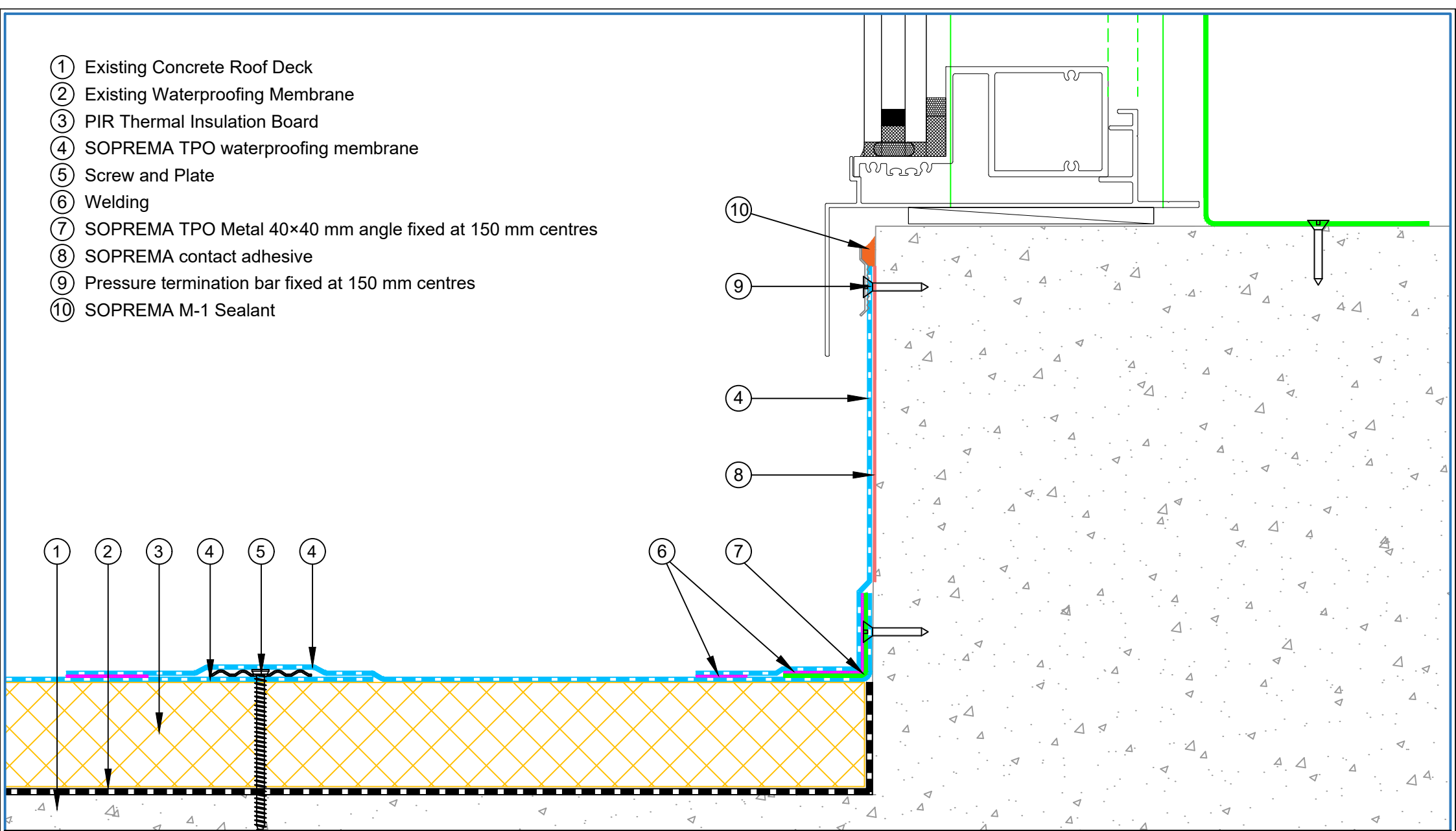


PROJECT :		Insulated concrete roof for roof renovation with TPO system			
TITLE :		C-Profile Termination under Cladding			
NUMBER :		TNIEC-D2f		SCALE :	NTS
DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :

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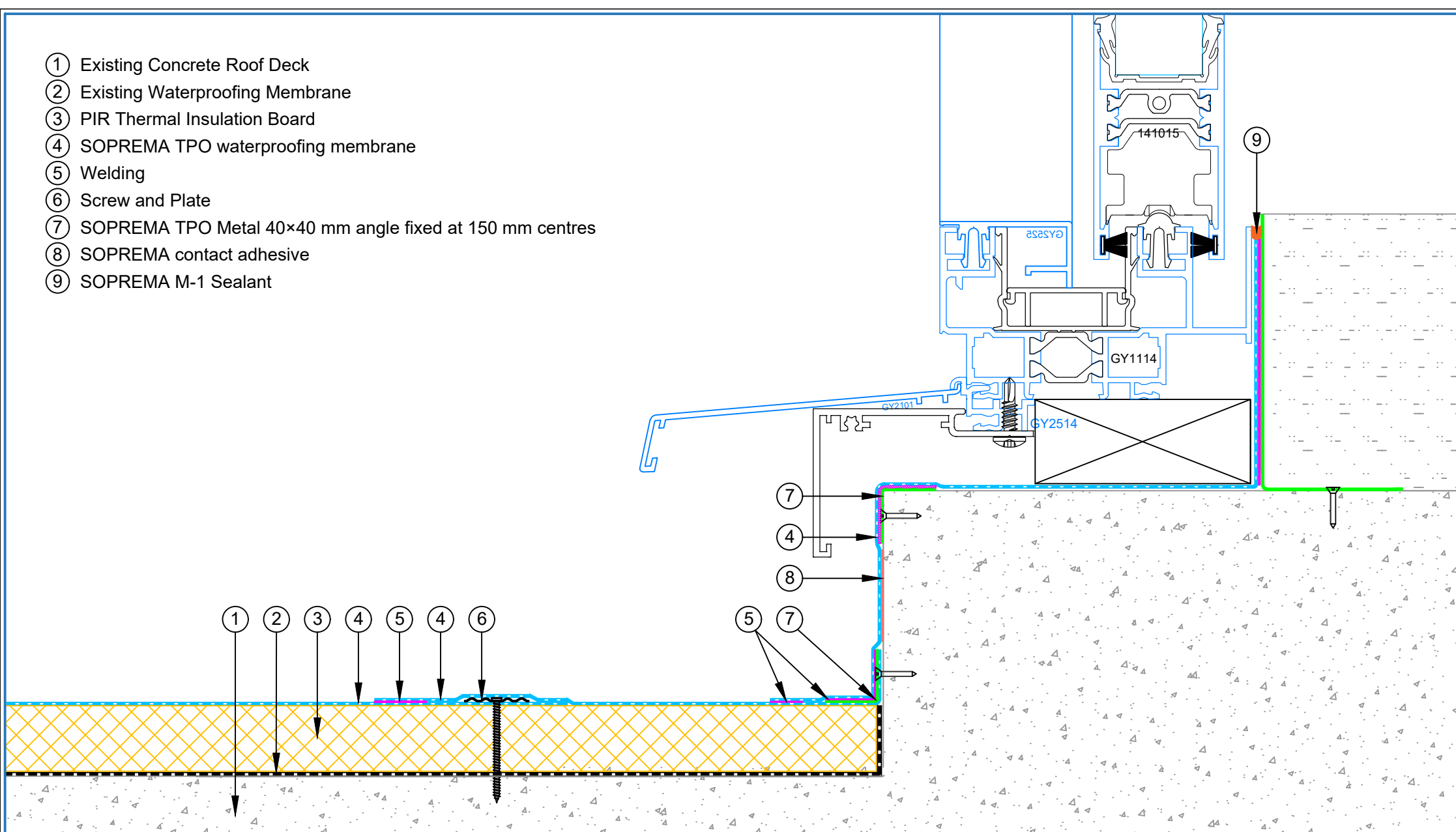
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Screw and Plate
- ⑥ Welding
- ⑦ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑧ SOPREMA contact adhesive
- ⑨ Pressure termination bar fixed at 150 mm centres
- ⑩ SOPREMA M-1 Sealant



PROJECT :		Insulated concrete roof for roof renovation with TPO system			
TITLE :		Door / Window detail			
NUMBER :		TNIEC-D3a		SCALE :	NTS
DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ Screw and Plate
- ⑦ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑧ SOPREMA contact adhesive
- ⑨ SOPREMA M-1 Sealant



PROJECT : Insulated concrete roof for roof renovation with TPO system

TITLE : Door or Window Sill Detail

NUMBER : TNIEC-D3b

SCALE : NTS

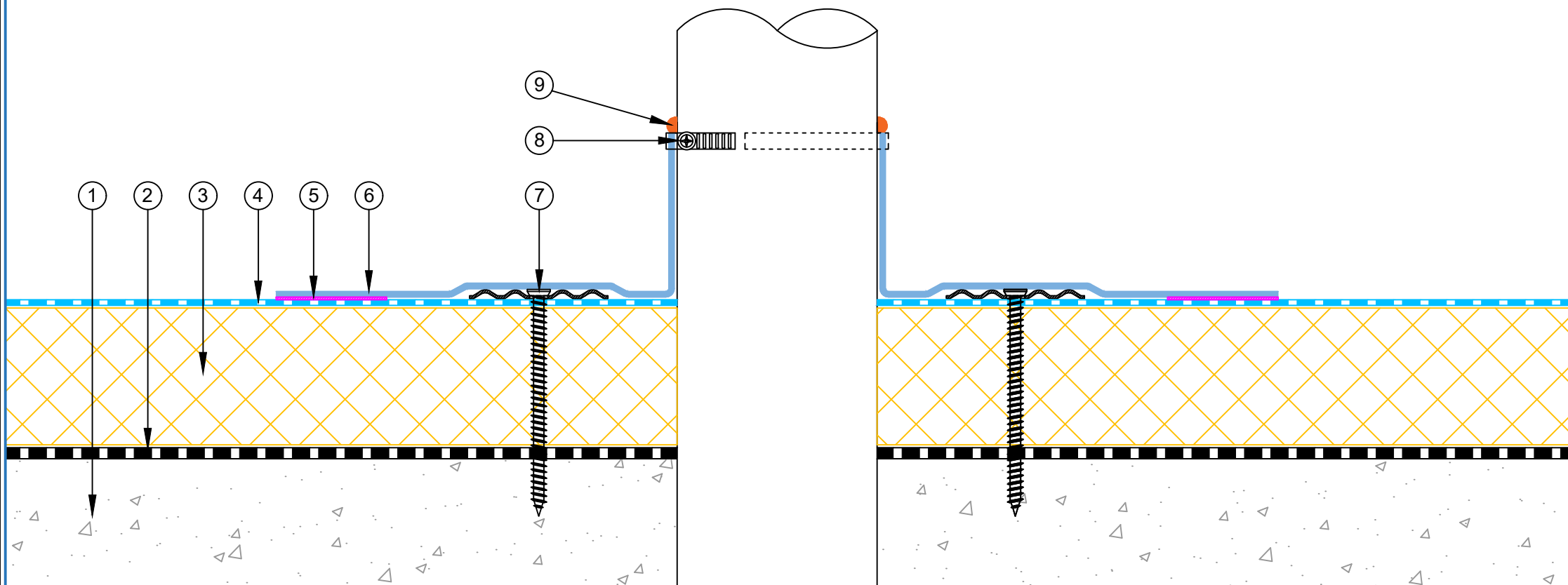
DRAWN BY : NKT DATE : 13-Jun-2026

REVISED :

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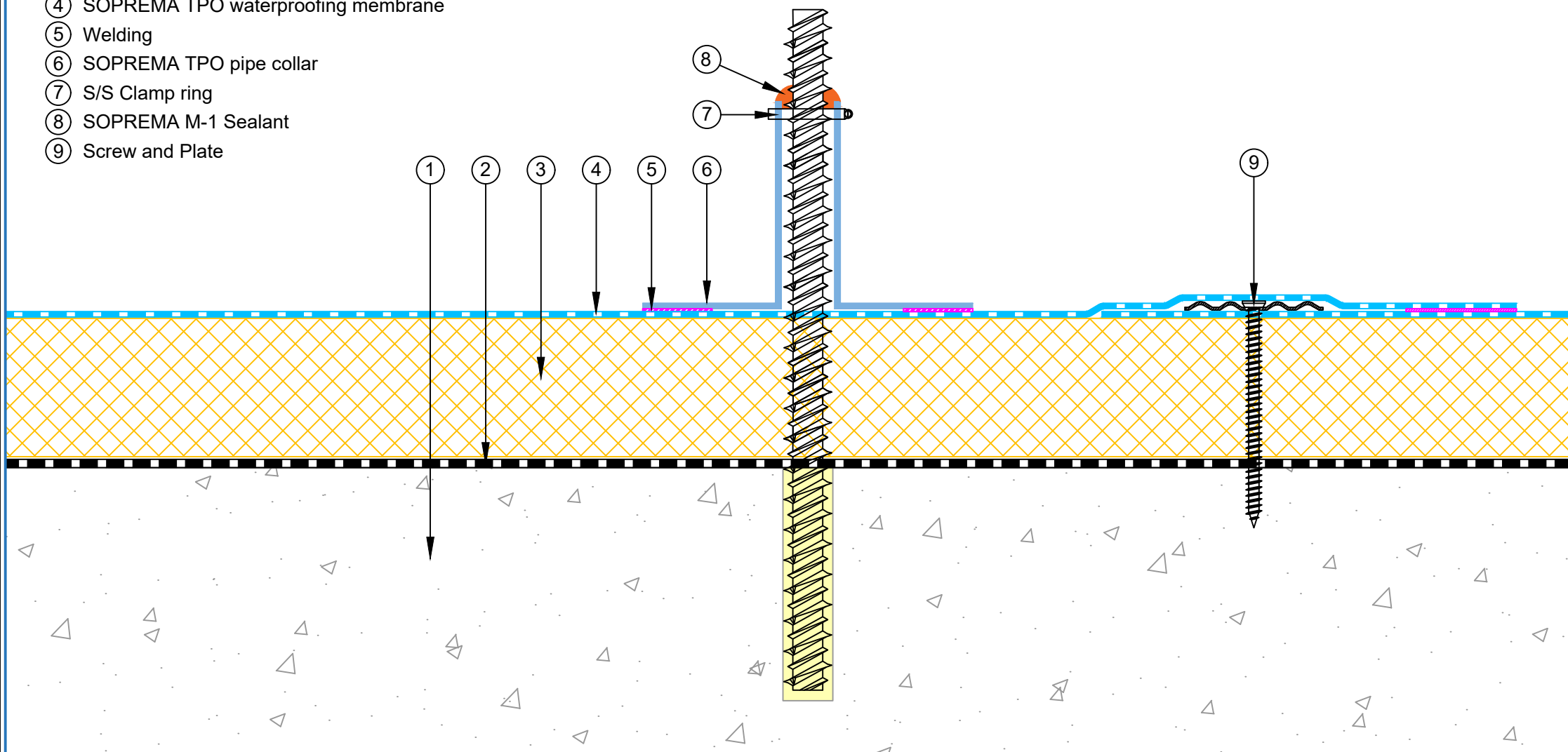
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ SOPREMA TPO pipe collar
- ⑦ Screw and Plate
- ⑧ S/S Clamp ring
- ⑨ SOPREMA M-1 Sealant



PROJECT :		Insulated concrete roof for roof renovation with TPO system			
TITLE :		Typical penetration			
NUMBER :		TNIEC-D4a		SCALE :	NTS
DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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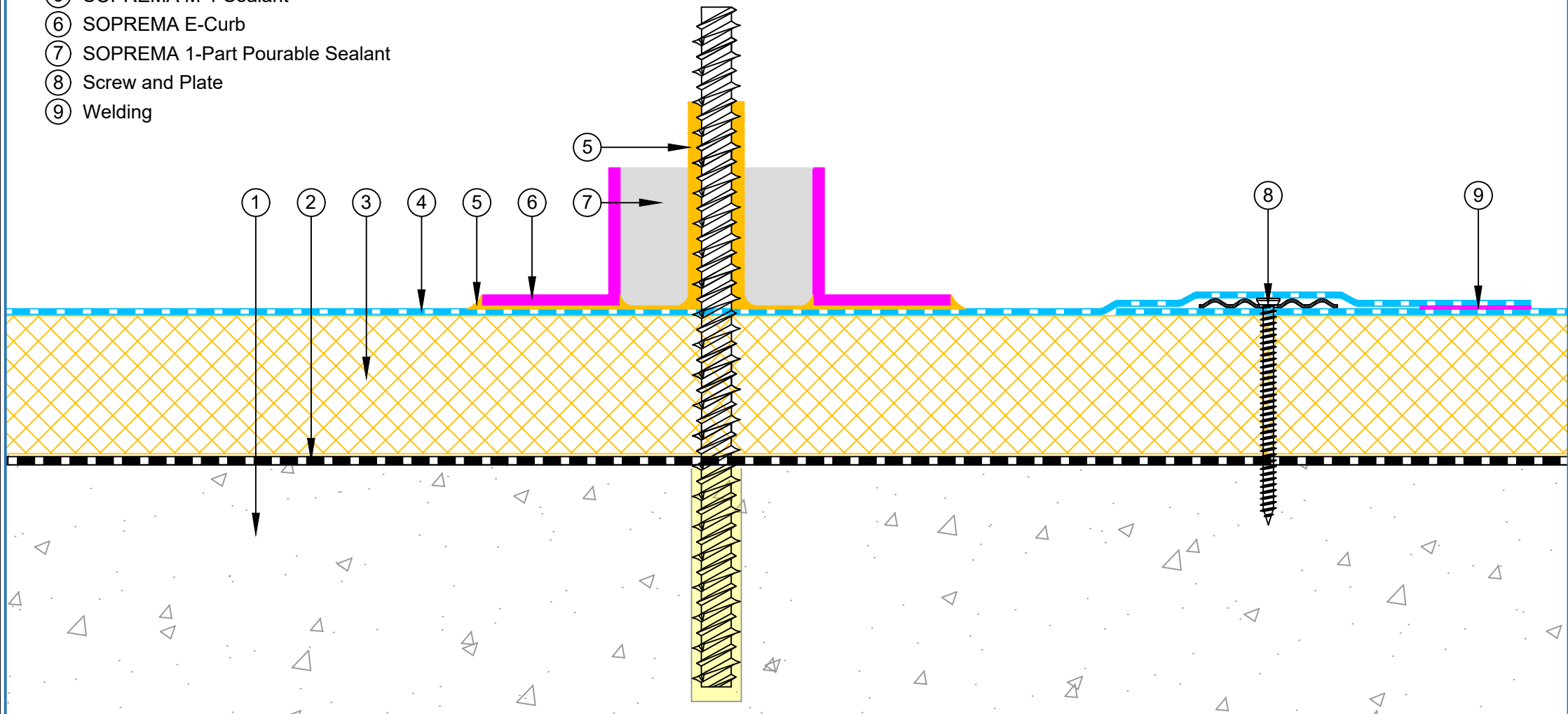
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ SOPREMA TPO pipe collar
- ⑦ S/S Clamp ring
- ⑧ SOPREMA M-1 Sealant
- ⑨ Screw and Plate



PROJECT :		Insulated concrete roof for roof renovation with TPO system			
TITLE :		Penetration with SOPREMA TPO pipe collar			
NUMBER :		TNIEC-D4b		SCALE :	NTS
DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ SOPREMA M-1 Sealant
- ⑥ SOPREMA E-Curb
- ⑦ SOPREMA 1-Part Pourable Sealant
- ⑧ Screw and Plate
- ⑨ Welding

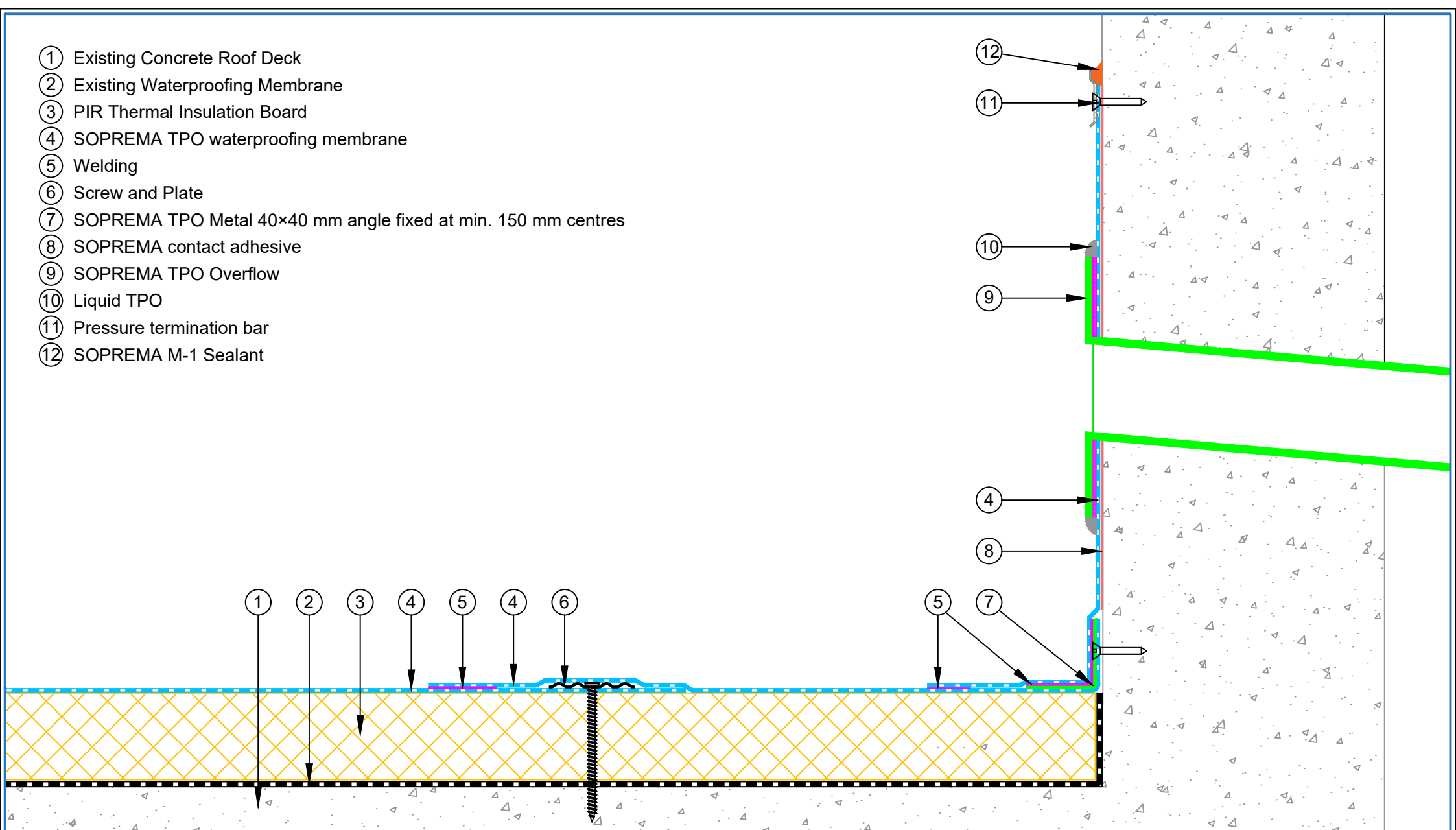


PROJECT :	Insulated concrete roof for roof renovation with TPO system			
TITLE :	Penetration detail with Chemlink			
NUMBER :	TNIEC-D4c		SCALE :	NTS
DRAWN BY :	NKT	DATE :	13-Jun-2026	REVISED :

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- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ Screw and Plate
- ⑦ SOPREMA TPO Metal 40×40 mm angle fixed at min. 150 mm centres
- ⑧ SOPREMA contact adhesive
- ⑨ SOPREMA TPO Overflow
- ⑩ Liquid TPO
- ⑪ Pressure termination bar
- ⑫ SOPREMA M-1 Sealant

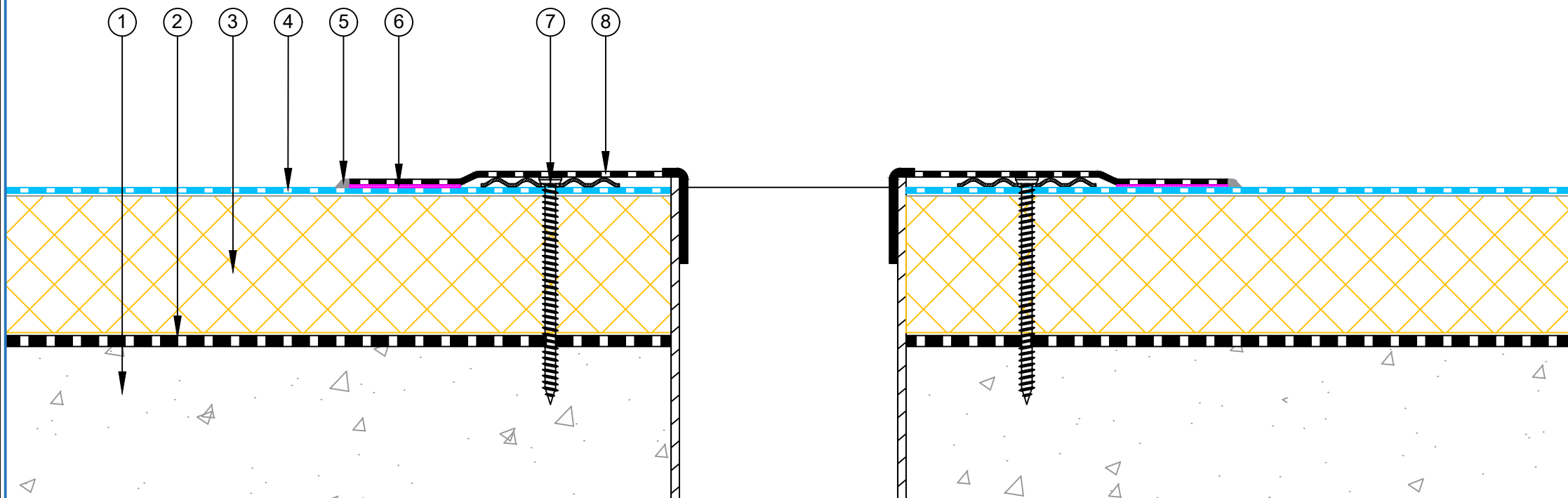


PROJECT :	Insulated concrete roof for roof renovation with TPO system			
TITLE :	Overflow Detail			
NUMBER :	TNIEC-D5a		SCALE :	NTS
DRAWN BY :	NKT	DATE :	13-Jun-2026	REVISED :

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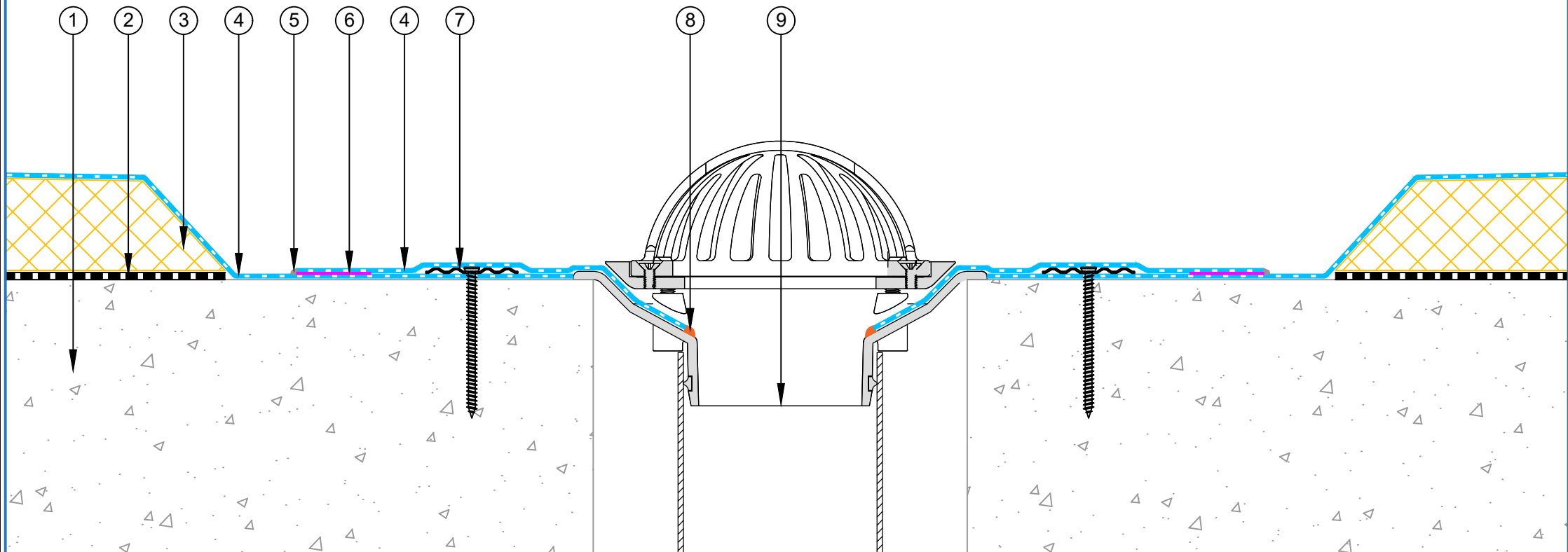
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Liquid TPO
- ⑥ Welding
- ⑦ Screw and Plate
- ⑧ SOPREMA TPO Dropper



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		Drainage Droppers Detail			
	NUMBER :		TNIEC-D5b		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-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.					



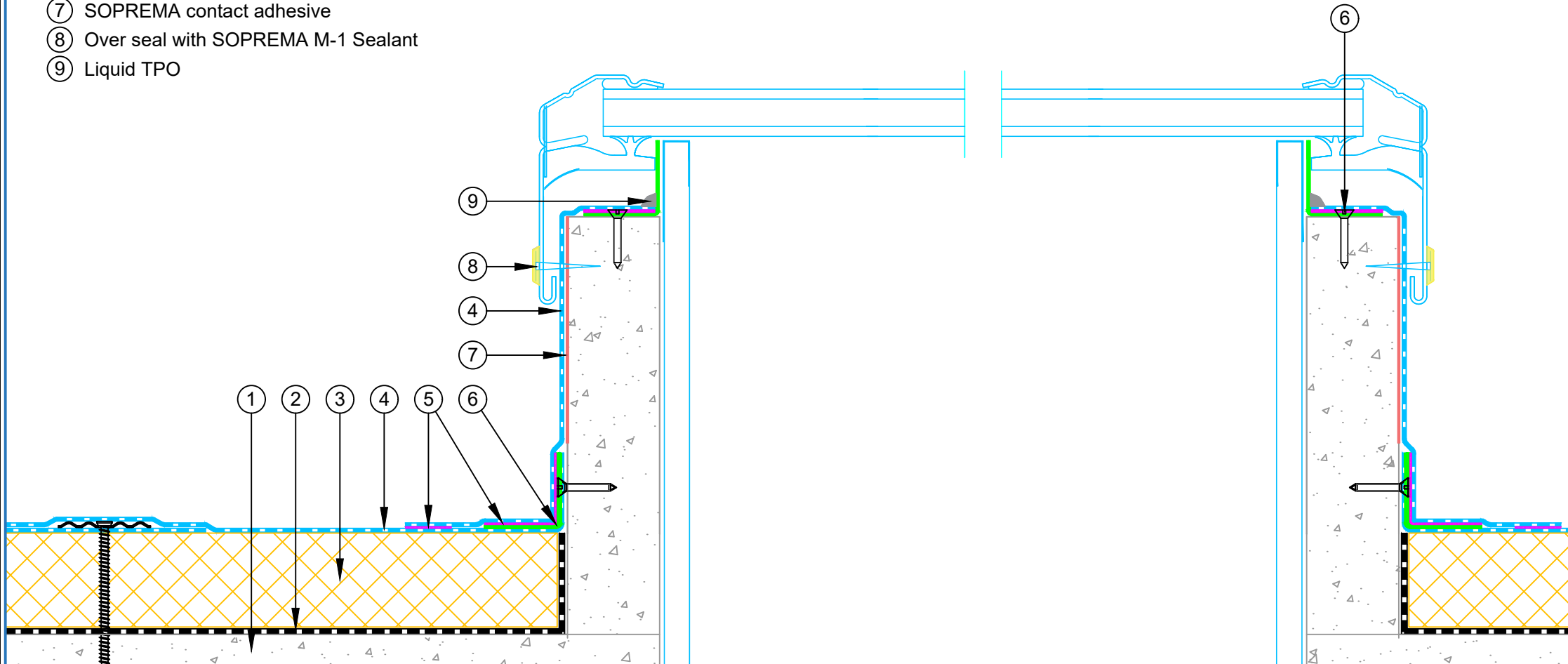
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Liquid TPO
- ⑥ Welding
- ⑦ Screw and Plate
- ⑧ SOPREMA M1-Sealant
- ⑨ Clamp Ring Drain



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		Drainage Clamping Ring Detail			
	NUMBER :		TNIEC-D5c		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-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.					



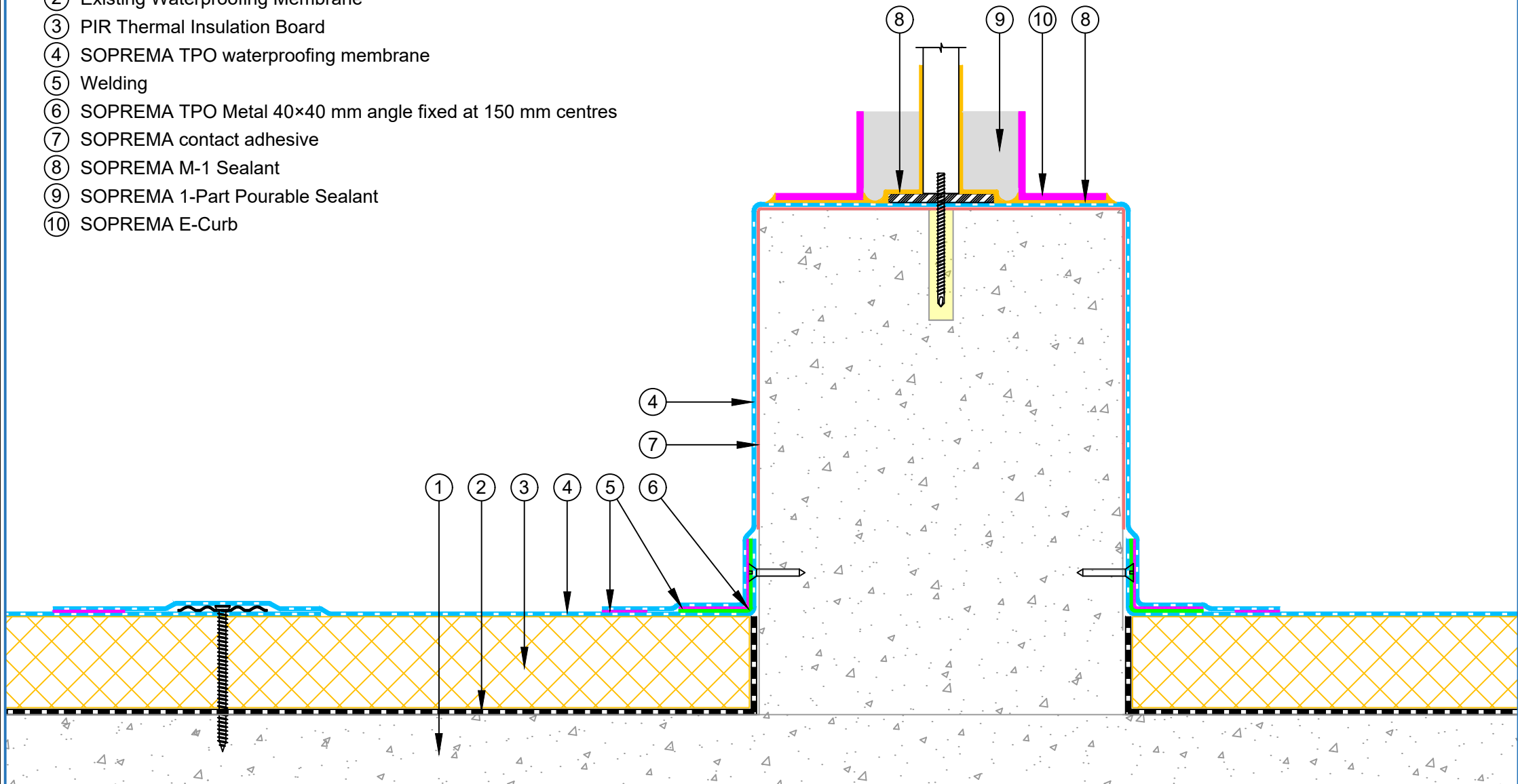
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑦ SOPREMA contact adhesive
- ⑧ Over seal with SOPREMA M-1 Sealant
- ⑨ Liquid TPO



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		Skylight detail			
	NUMBER :		TNIEC-D6a		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-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.					



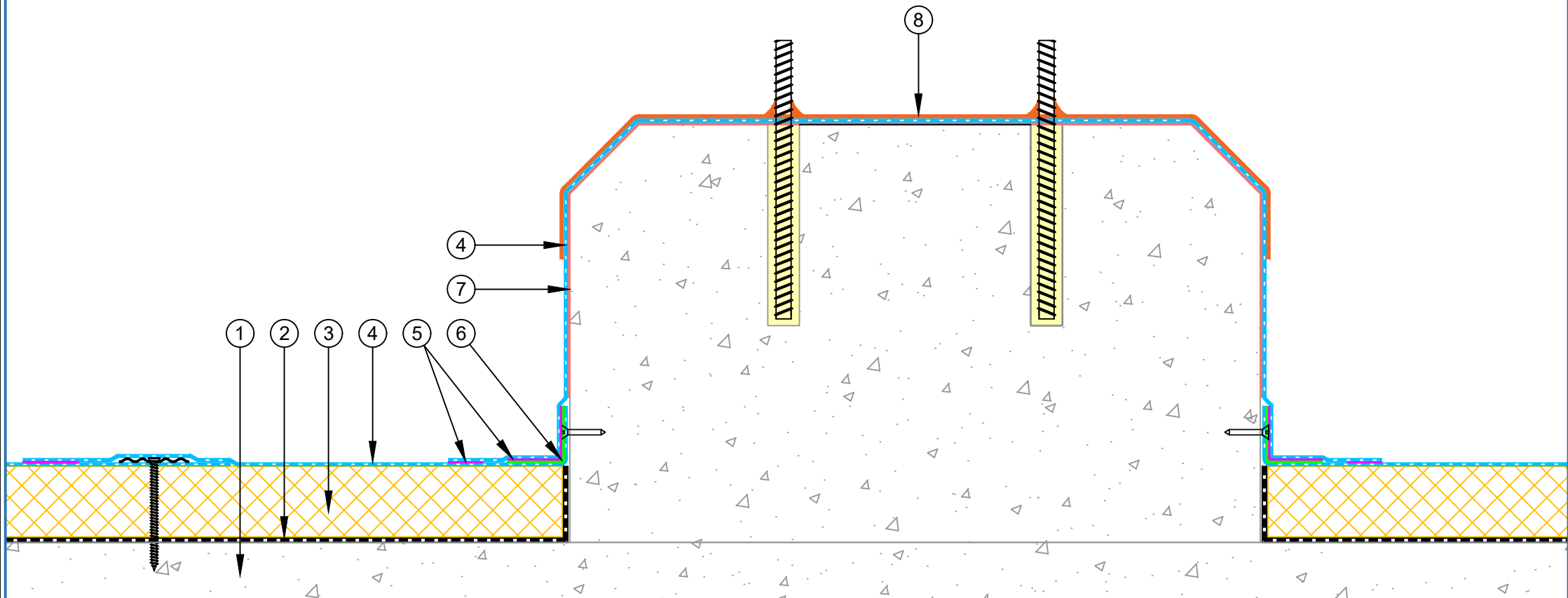
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑦ SOPREMA contact adhesive
- ⑧ SOPREMA M-1 Sealant
- ⑨ SOPREMA 1-Part Pourable Sealant
- ⑩ SOPREMA E-Curb



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		Equipment support detail			
	NUMBER :		TNIEC-D7a		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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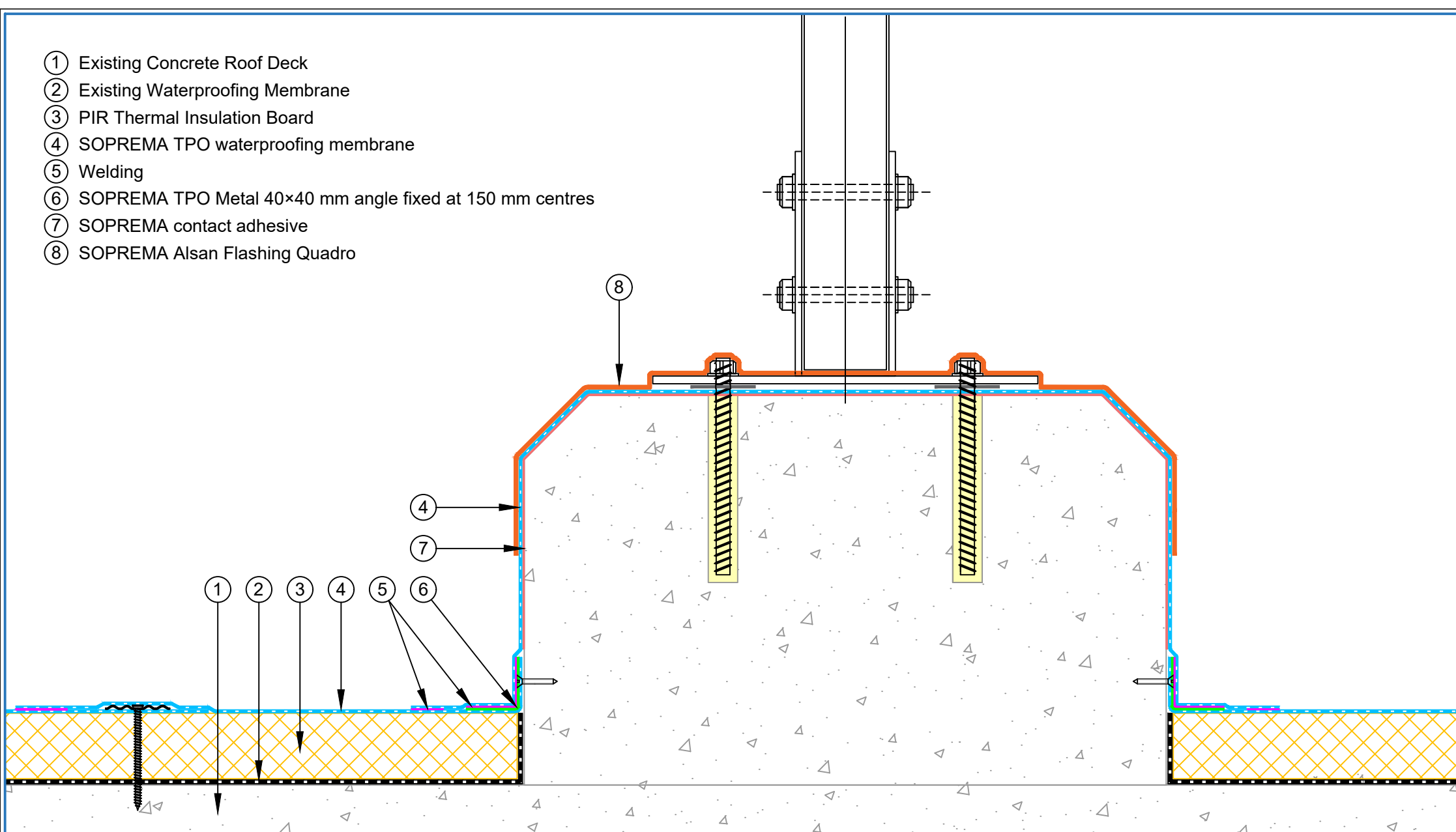
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑦ SOPREMA contact adhesive
- ⑧ SOPREMA Alsan Flashing Quadro



PROJECT :		Insulated concrete roof for roof renovation with TPO system			
TITLE :		Hob Detail			
NUMBER :		TNIEC-D7b		SCALE :	NTS
DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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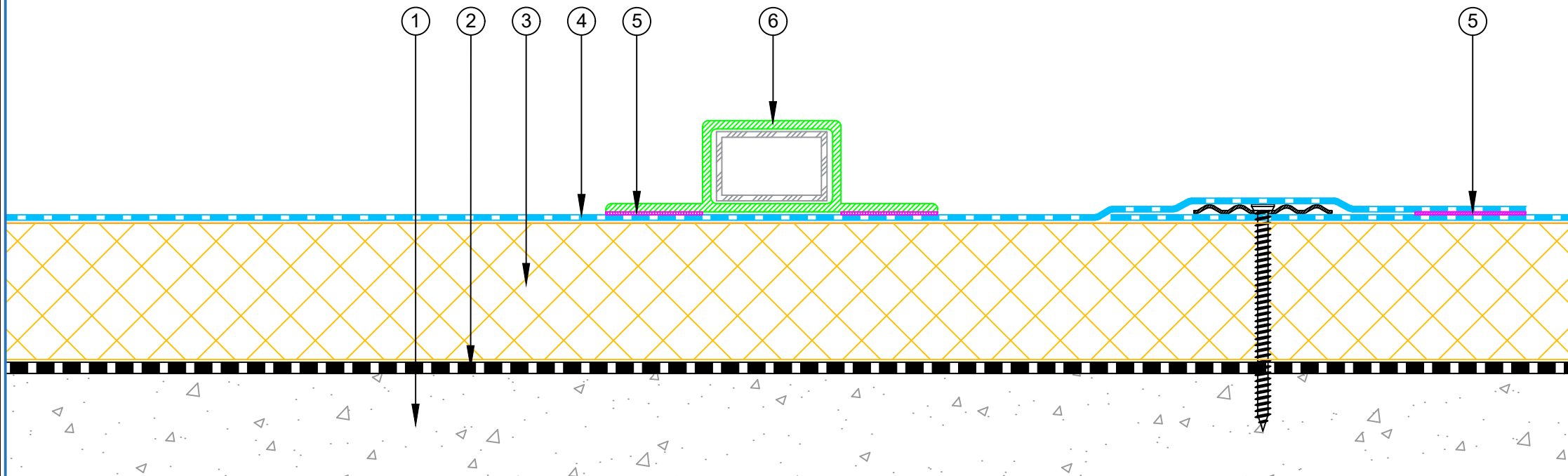
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ SOPREMA TPO Metal 40×40 mm angle fixed at 150 mm centres
- ⑦ SOPREMA contact adhesive
- ⑧ SOPREMA Alsan Flashing Quadro



PROJECT :	Insulated concrete roof for roof renovation with TPO system			
TITLE :	Hob and Fixings Detail			
NUMBER :	TNIEC-D7c		SCALE :	NTS
DRAWN BY :	NKT	DATE :	13-Jun-2026	REVISED :
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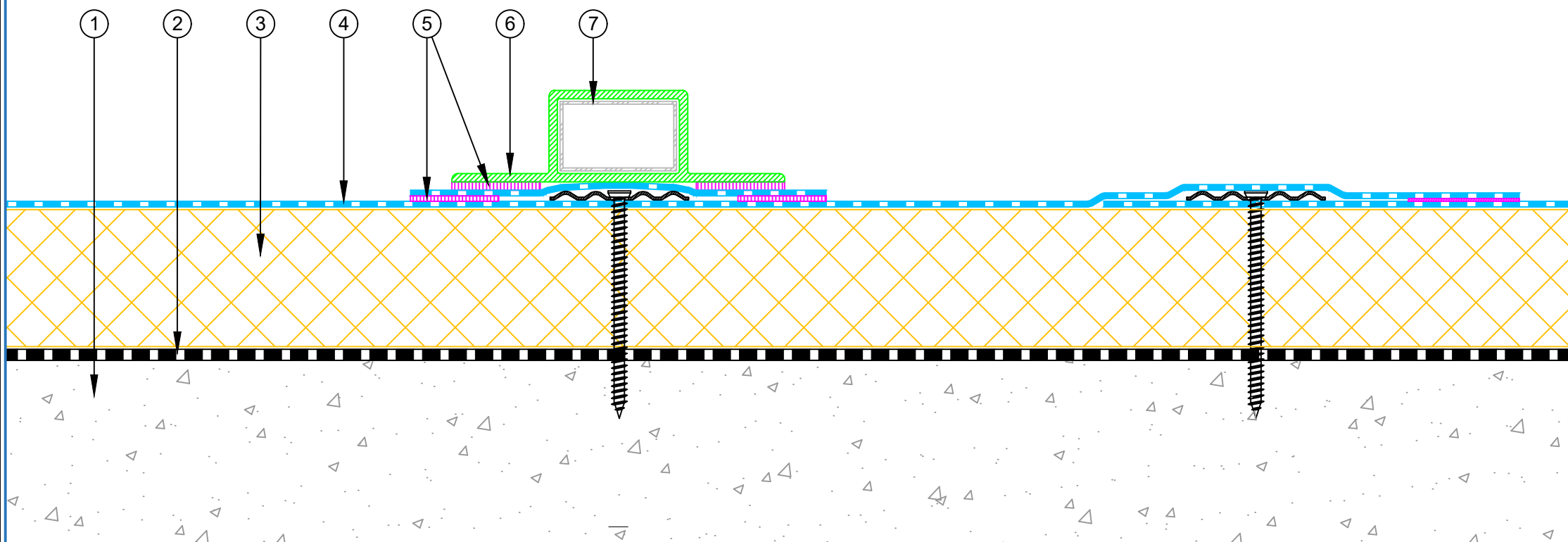
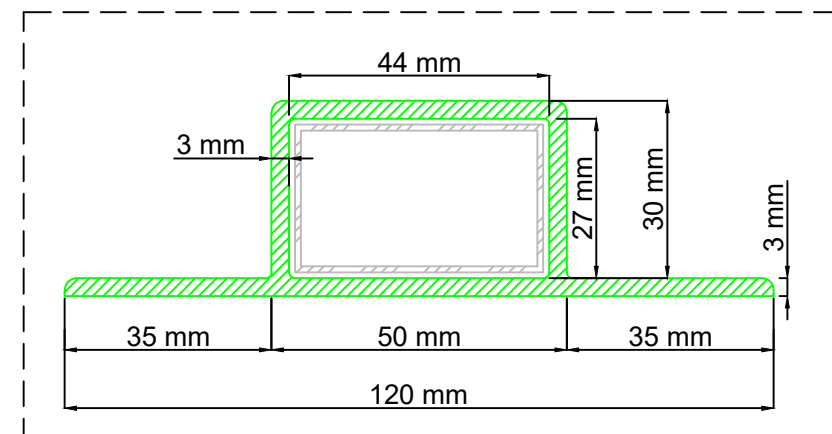
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ SOPREMA T-Bar system



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		SOPREMA T-Bar Detail			
	NUMBER :		TNIEC-D8a		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-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.					



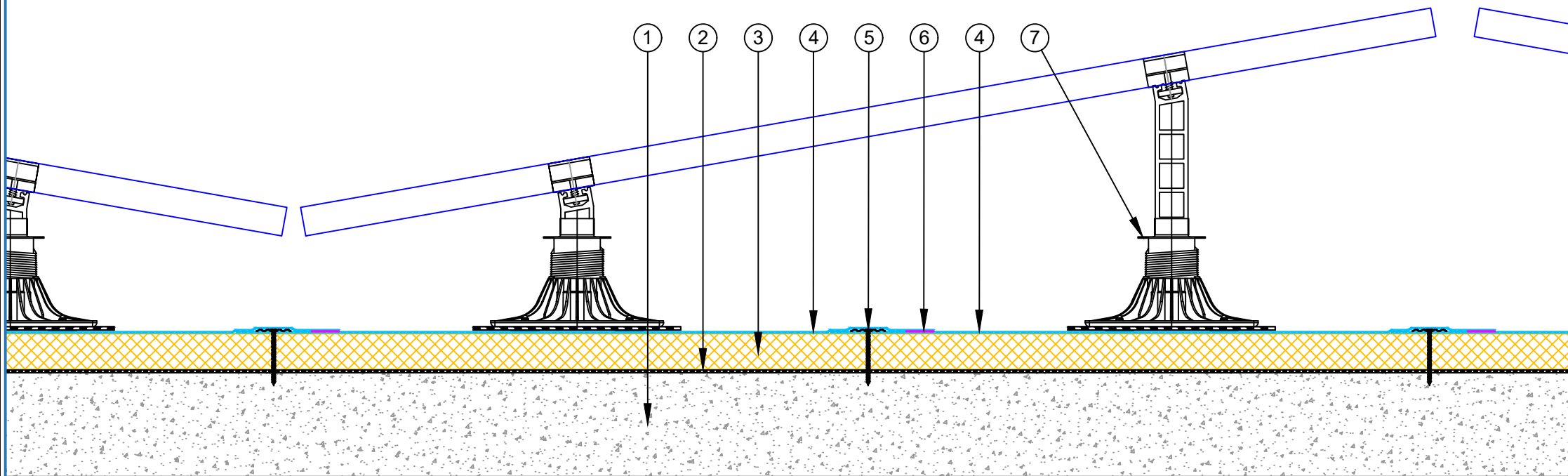
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Welding
- ⑥ SOPREMA T-Bar system
- ⑦ SOPREMA T-Bar Aluminium insert



PROJECT :	Insulated concrete roof for roof renovation with TPO system				
TITLE :	SOPREMA T-Bar with fixing detail				
NUMBER :	TNIEC-D8b			SCALE :	NTS
DRAWN BY :	NKT	DATE :	13-Jun-2026	REVISED :	
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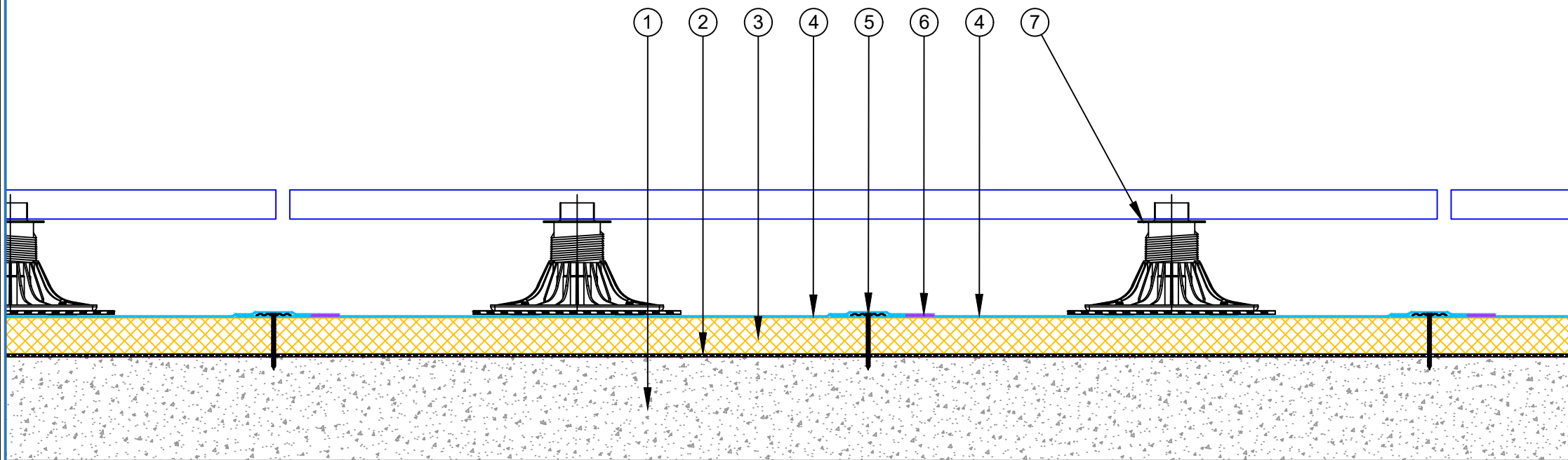
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Screw and Plate
- ⑥ Welding
- ⑦ SOPREMA Solar panel pedestal



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		SOPREMA Soprasolar (Tilt Max. 10 degree)			
	NUMBER :		TNIEC-D9a		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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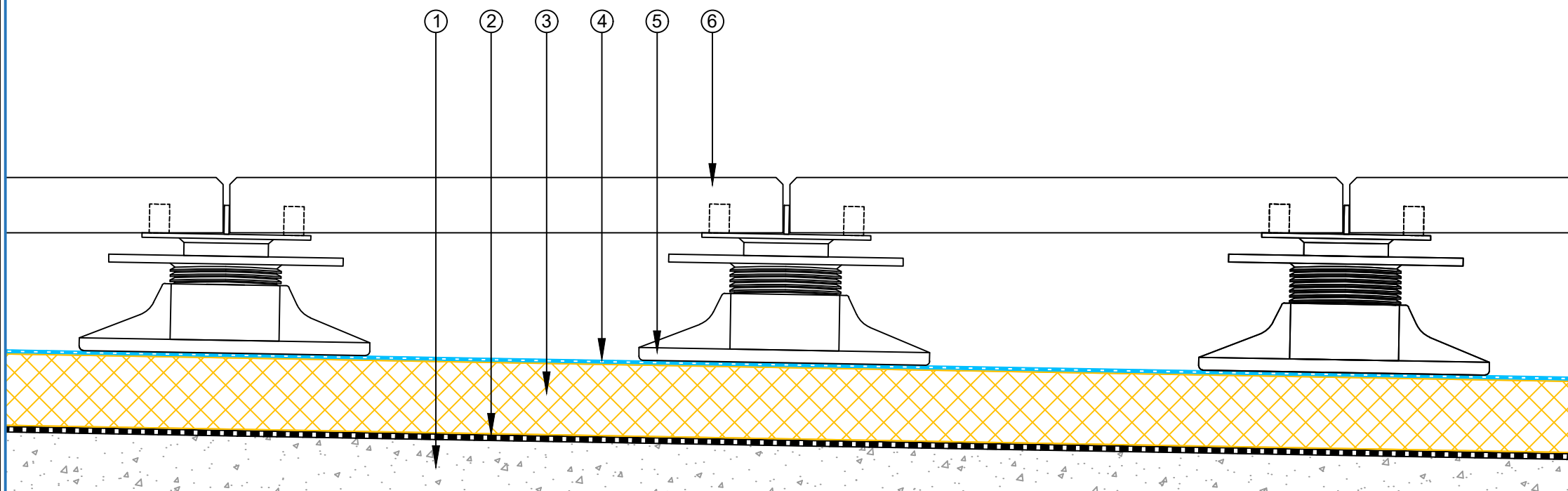
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Screw and Plate
- ⑥ Welding
- ⑦ SOPREMA Solar panel pedestal



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		SOPREMA Soprasolar (Flat)			
	NUMBER :		TNIEC-D9b		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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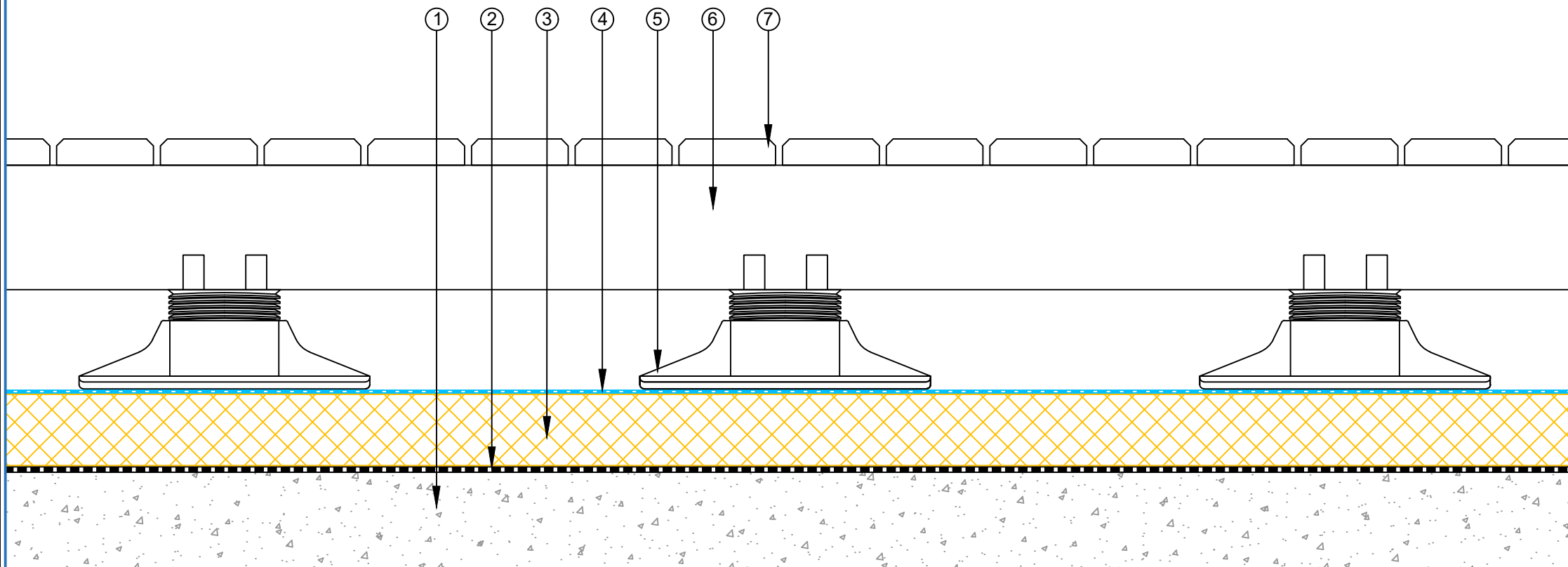
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Adjustable Tile / Paving Support
- ⑥ Pavers



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		Pavers on pedestals			
	NUMBER :		TNIEC-D10a		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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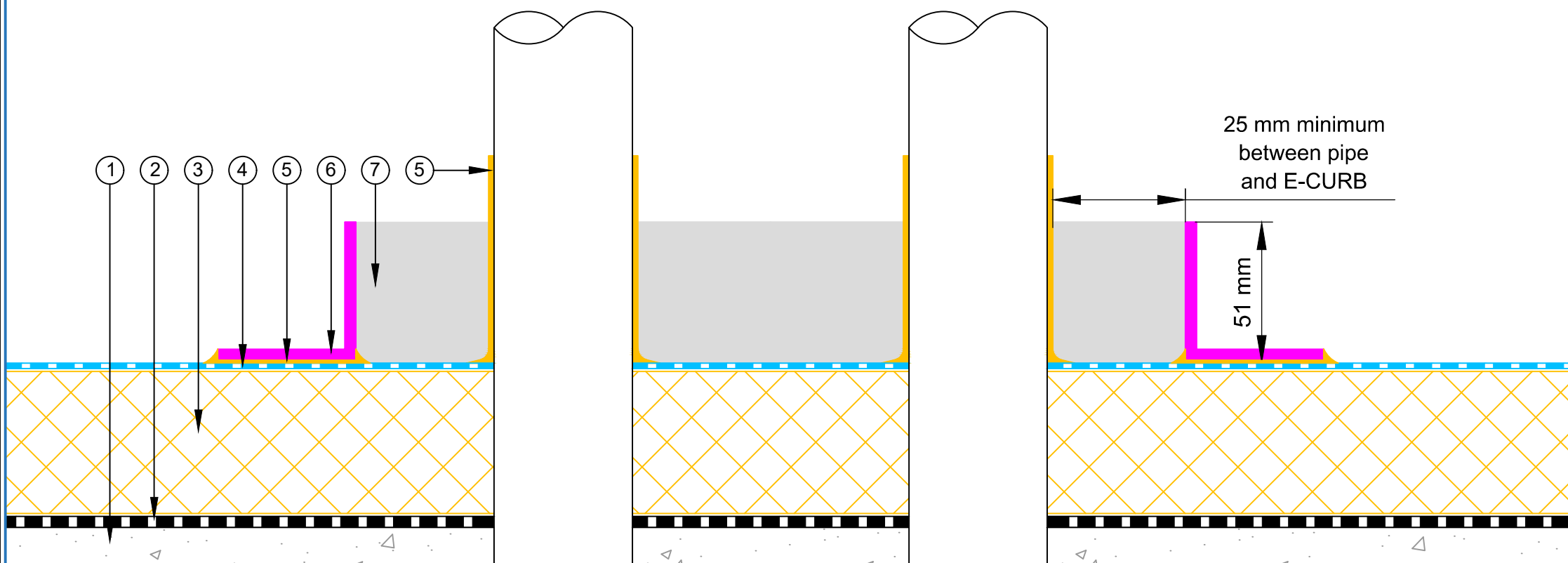
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Adjustable Tile / Paving Support
- ⑥ Timber Joint
- ⑦ Timber Decking



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		Timber structure on pedestals			
	NUMBER :		TNIEC-D10b		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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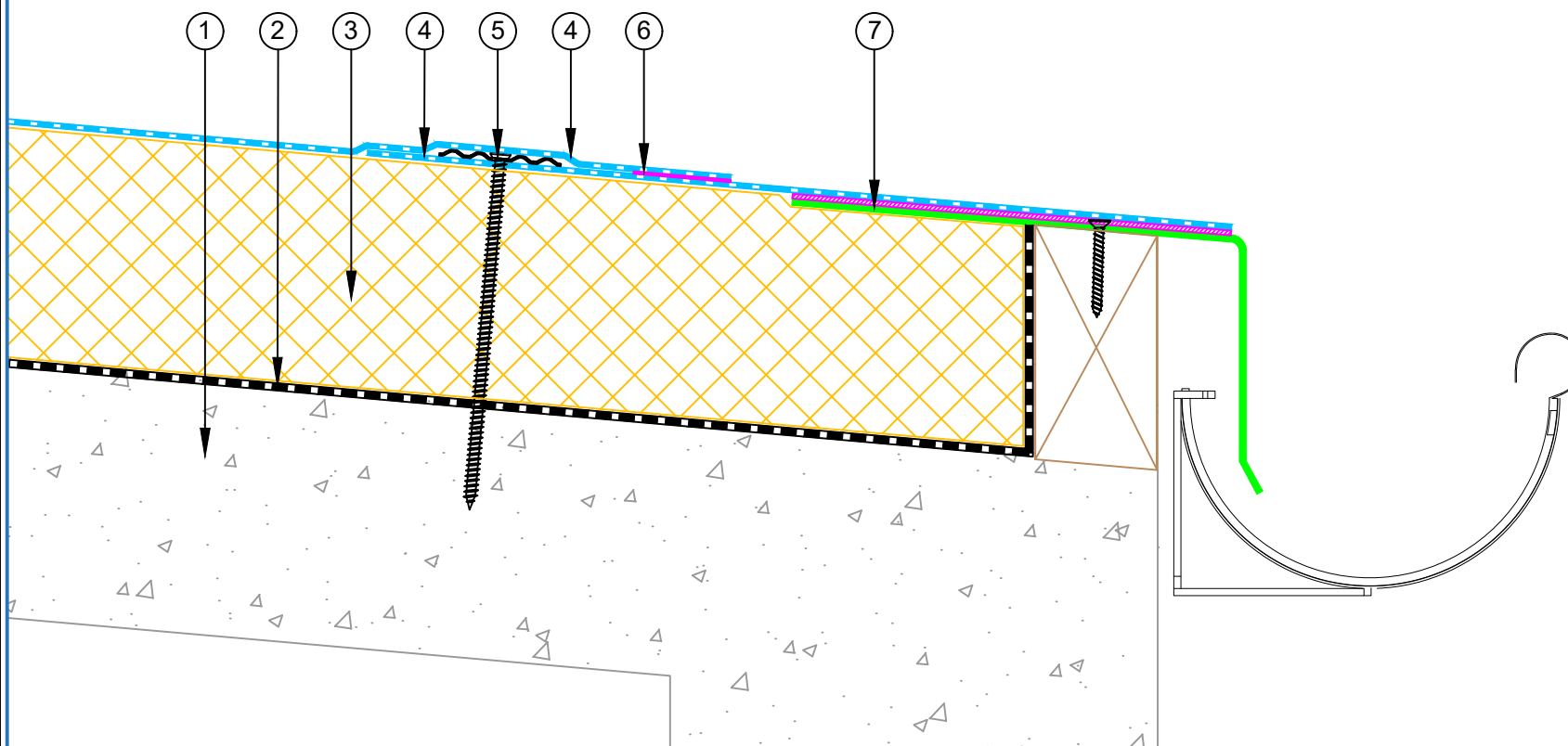
- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ SOPREMA M-1 Sealant
- ⑥ SOPREMA E-Curb
- ⑦ SOPREMA 1-Part Pourable Sealant



	PROJECT :		Insulated concrete roof for roof renovation with TPO system			
	TITLE :		Pipe penetration with chemlink detail			
	NUMBER :		TNIEC-D11a		SCALE :	NTS
	DRAWN BY :		NKT	DATE :	13-Jun-2026	REVISED :
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- ① Existing Concrete Roof Deck
- ② Existing Waterproofing Membrane
- ③ PIR Thermal Insulation Board
- ④ SOPREMA TPO waterproofing membrane
- ⑤ Screw and Plate
- ⑥ Welding
- ⑦ Custom made drip Angle from SOPREMA TPO Metal Sheet



PROJECT :	Insulated concrete roof for roof renovation with TPO system				
TITLE :	Drip Edge to spouting detail				
NUMBER :	TNIEC-D12a			SCALE :	NTS
DRAWN BY :	NKT	DATE :	13-Jun-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.					

