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Foundations
**SINGLE-PLY
(PRE-APPLIED)**
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SOPRADRAIN
(drainage and filter)
fastened

COLPHENE BSW V
self-adhered with torched overlaps

Temporary fastener with Ø 40mm (min.) round plate
Maximum distance between fasterners : 5 m

COLPHENE BSW UNI NG
(reinforcement strip)
fully torched

Wall

SOPRASWELL NG
(optional)

COLPHENE BSW UNI NG
(reinforcement)
fully torched

Slab on grade

COLPHENE BSW UNI NG
loose laid with torched overlaps

300mm

150mm

Shotcrete
(optional)

250mm

Soil retention
system

200mm

Concrete filet
100*100 mm

Concrete blinding or
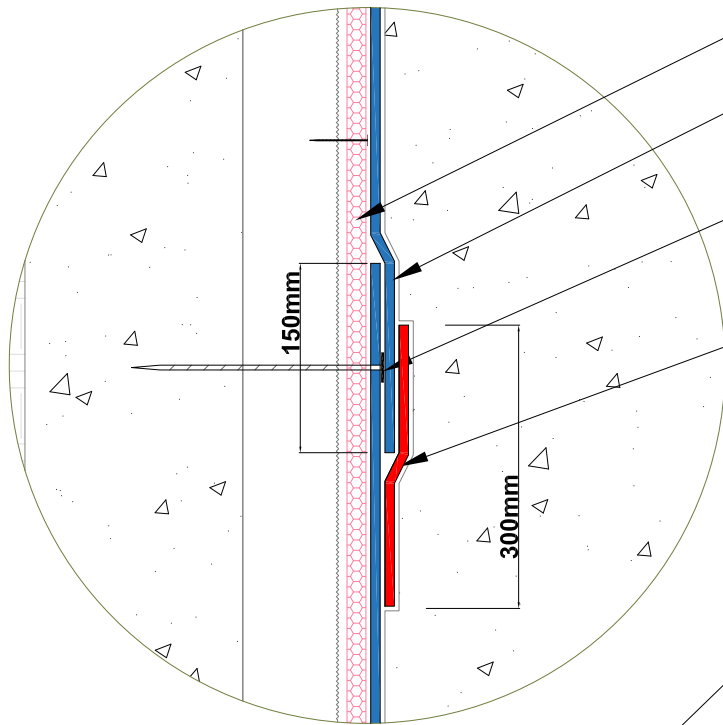**TILTEX / MASTATEX**

Prepared substrate

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AVENUE, SYDNEY, 2000
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TITLE: ONE LAYER SYSTEM PRE-APPLIED
APPLICATION DETAIL

PROJECT:		DRAWING NUMBER:
SCALE: NTS	DATE: 2021	FG1

NOTE:
This detail is only indicative and should be verified by the designer and/or
the applicator according to real job site conditions.

SOPRADRAIN (drainage and filter) fastened

COLPHENE BSW V self-adhered with torched overlaps

Temporary fastener with Ø 40mm (min.) round plate Maximum distance between fasteners : 5 m

COLPHENE BSW UNI NG (reinforcement strip) fully torched

150mm

300mm
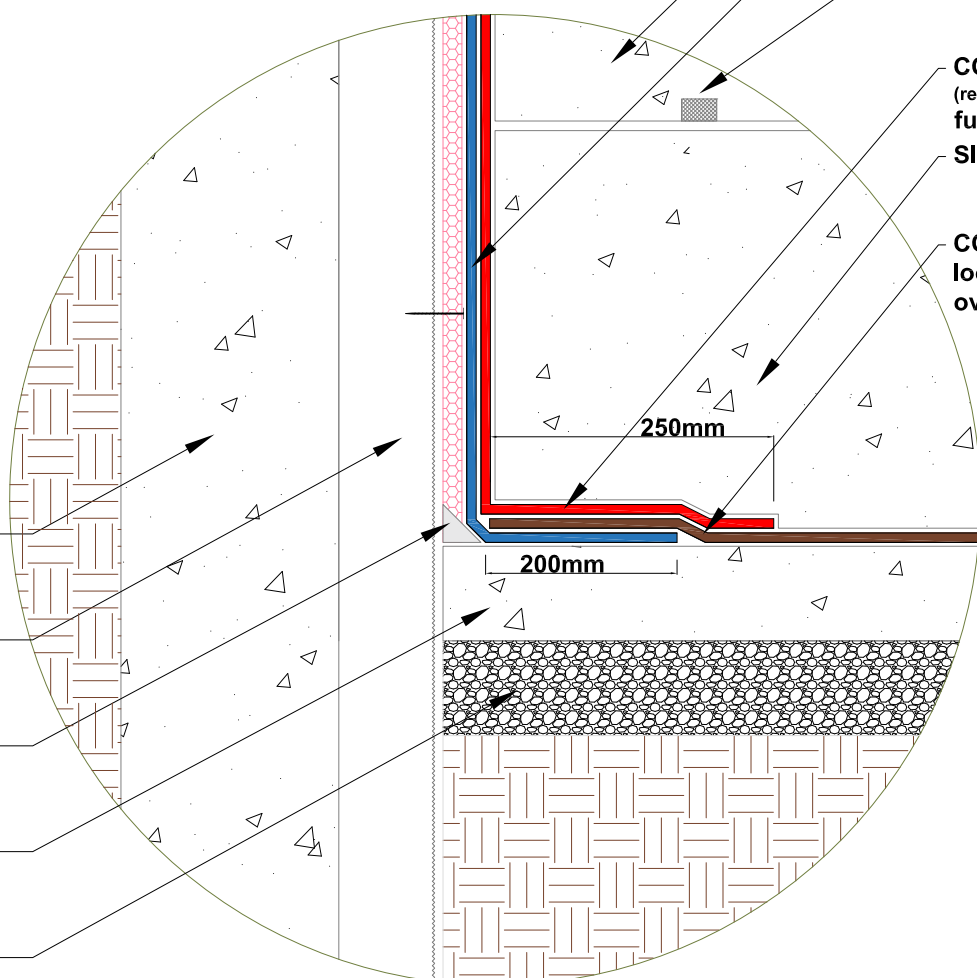
Wall

COLPHENE BSW V self-adhered with torched overlaps

SOPRASWELL NG (optional)

COLPHENE BSW UNI NG (reinforcement) fully torched

Slab on grade

COLPHENE BSW UNI NG loose laid with torched overlaps

250mm

200mm

Soil retention system

Shotcrete (optional)

Concrete filet 100*100 mm
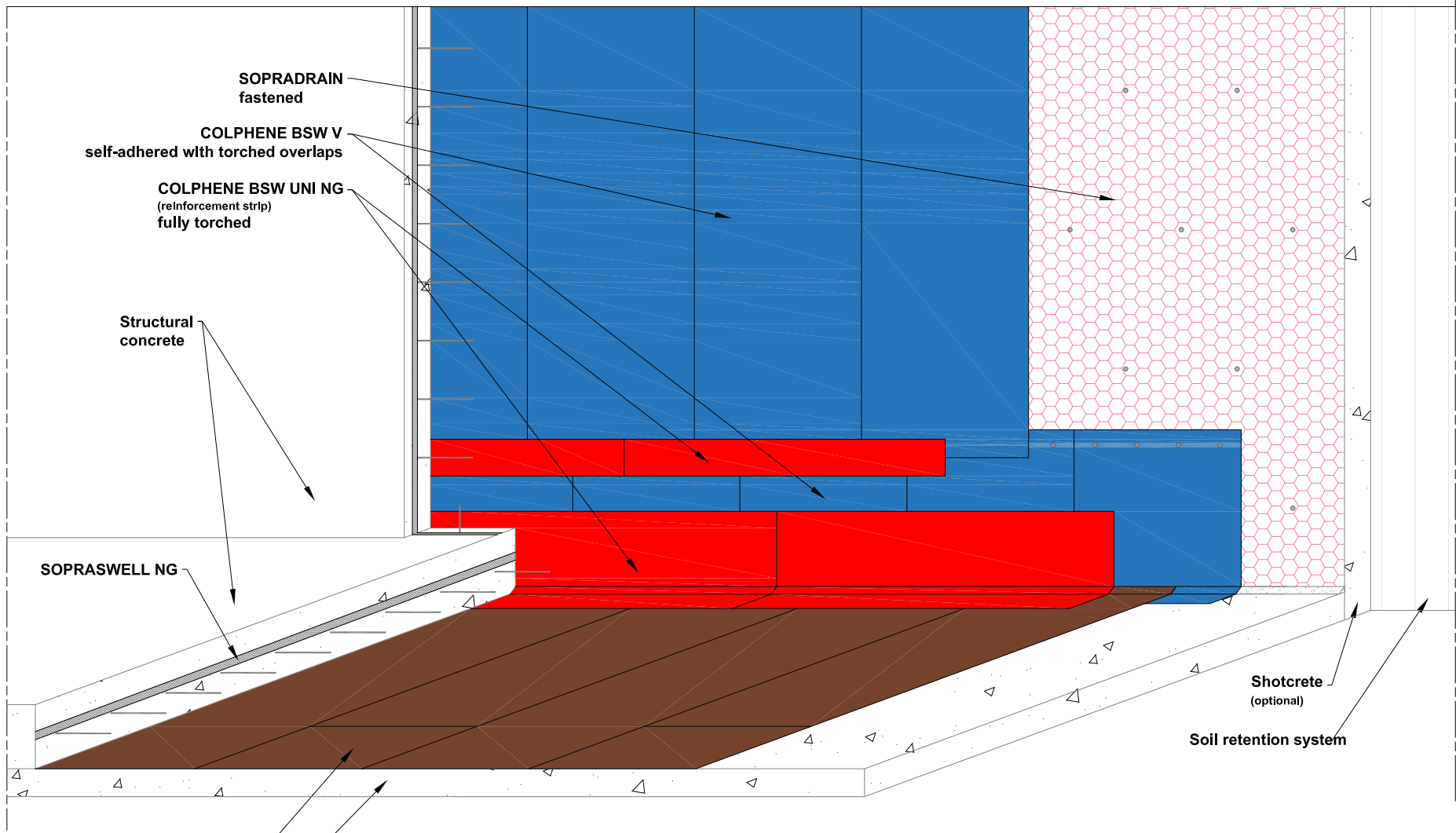
Concrete blinding or TILTEX / MASTATEX

Prepared substrate

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TITLE: ONE LAYER SYSTEM PRE-APPLIED APPLICATION ZOOM VIEW

PROJECT:		DRAWING NUMBER:
SCALE: NTS	DATE: 2021	FG2

NOTE:
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SOPRADRAIN
fastened

COLPHENE BSW V
self-adhered with torched overlaps

COLPHENE BSW UNI NG
(reInforcement strIp)
fully torched

Structural
concrete

SOPRASWELL NG

Shotcrete
(optional)

Soil retention system

COLPHENE BSW UNI NG
loose laid with torched overlaps

Concrete blinding
or TILTEX / MASTATEX

COLPHENE BSW UNI NG

COLPHENE BSW V

COLPHENE BSW UNI NG
REINFORCEMENT

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TITLE:
SINGLE PLY SYSTEM PRE-APPLIED
APPLICATION

PROJECT:

DRAWING NUMBER:

SCALE: NTS   DATE: 2021

FG3

NOTE:
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Structural concrete

END SIDE LAP

150 mm
Thermofusible film welded

COLPHENE BSW UNI NG
loose laid with torched overlaps

Concrete blinding or
TILTEX / MASTATEX

Structural concrete

SIDE LAP

Thermofusible
welded

Sticky
bitumen

COLPHENE BSW UNI NG
loose laid with torched overlaps

Concrete blinding or
TILTEX / MASTATEX
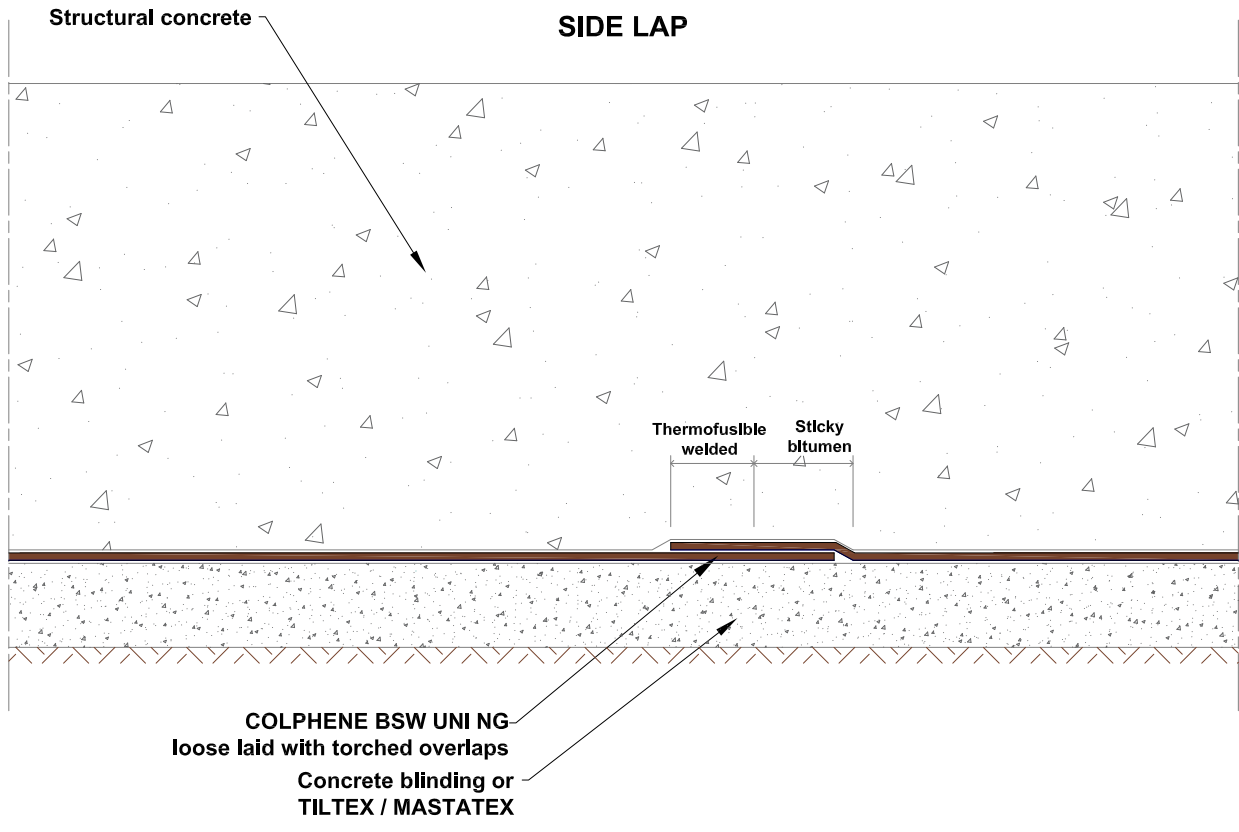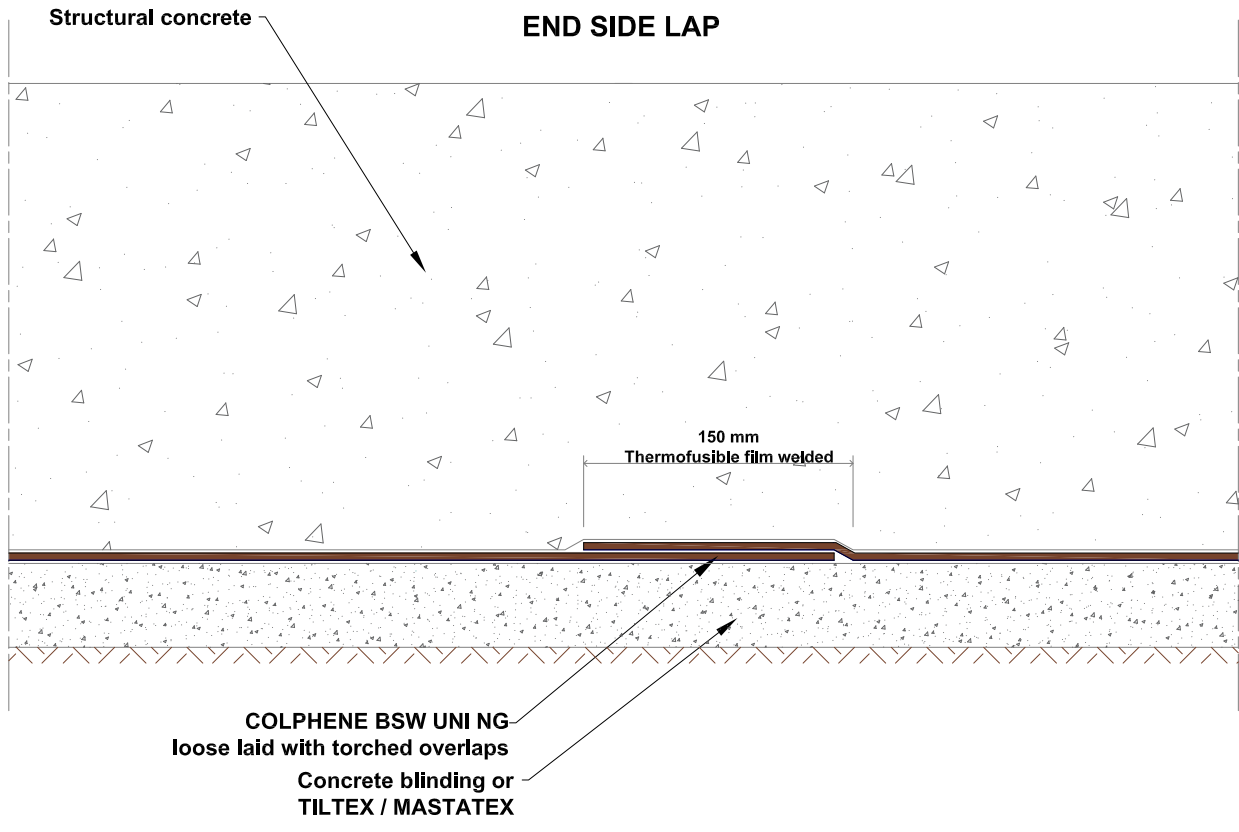
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TITLE:	END & SIDE OVERLAP DETAIL	
PROJECT:		DRAWING NUMBER:
SCALE: NTS	DATE: 2021	FG13

NOTE:
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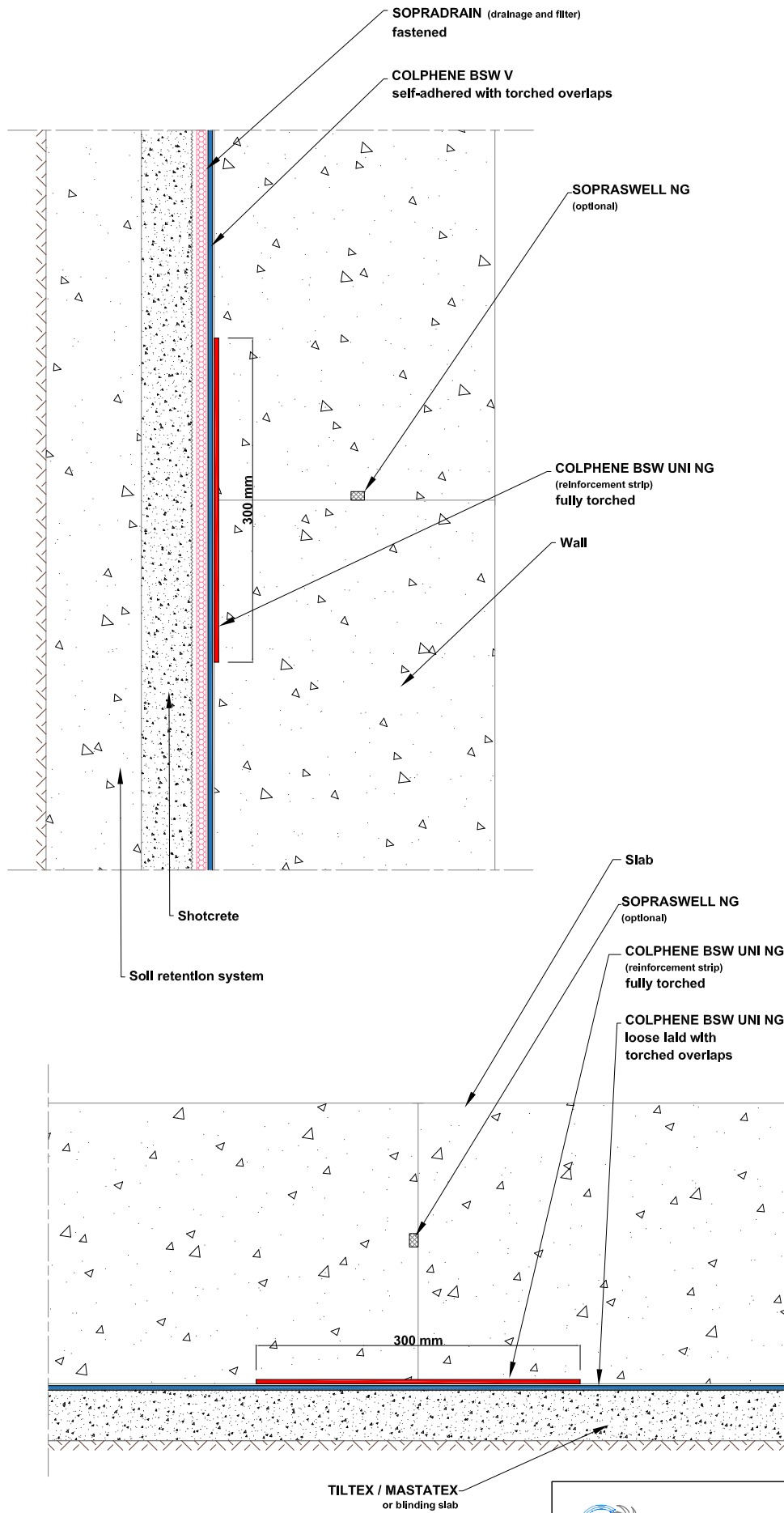the applicator according to real job site conditions.

SOPRADRAIN (drainage and filter)
fastened

COLPHENE BSW V
self-adhered with torched overlaps

SOPRASWELL NG
(optional)

COLPHENE BSW UNI NG
(reinforcement strip)
fully torched

Wall

300 mm

Shotcrete

Soil retention system

Slab

SOPRASWELL NG
(optional)

COLPHENE BSW UNI NG
(reinforcement strip)
fully torched

COLPHENE BSW UNI NG
loose laid with
torched overlaps

300 mm

TILTEX / MASTATEX
or blinding slab

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TITLE: VERTICAL & HORIZONTAL CJ DETAIL

PROJECT:			DRAWING NUMBER:
SCALE:	NTS	DATE: 2021	FG14

NOTE:
This detail is only indicative and should be verified by the designer and/or
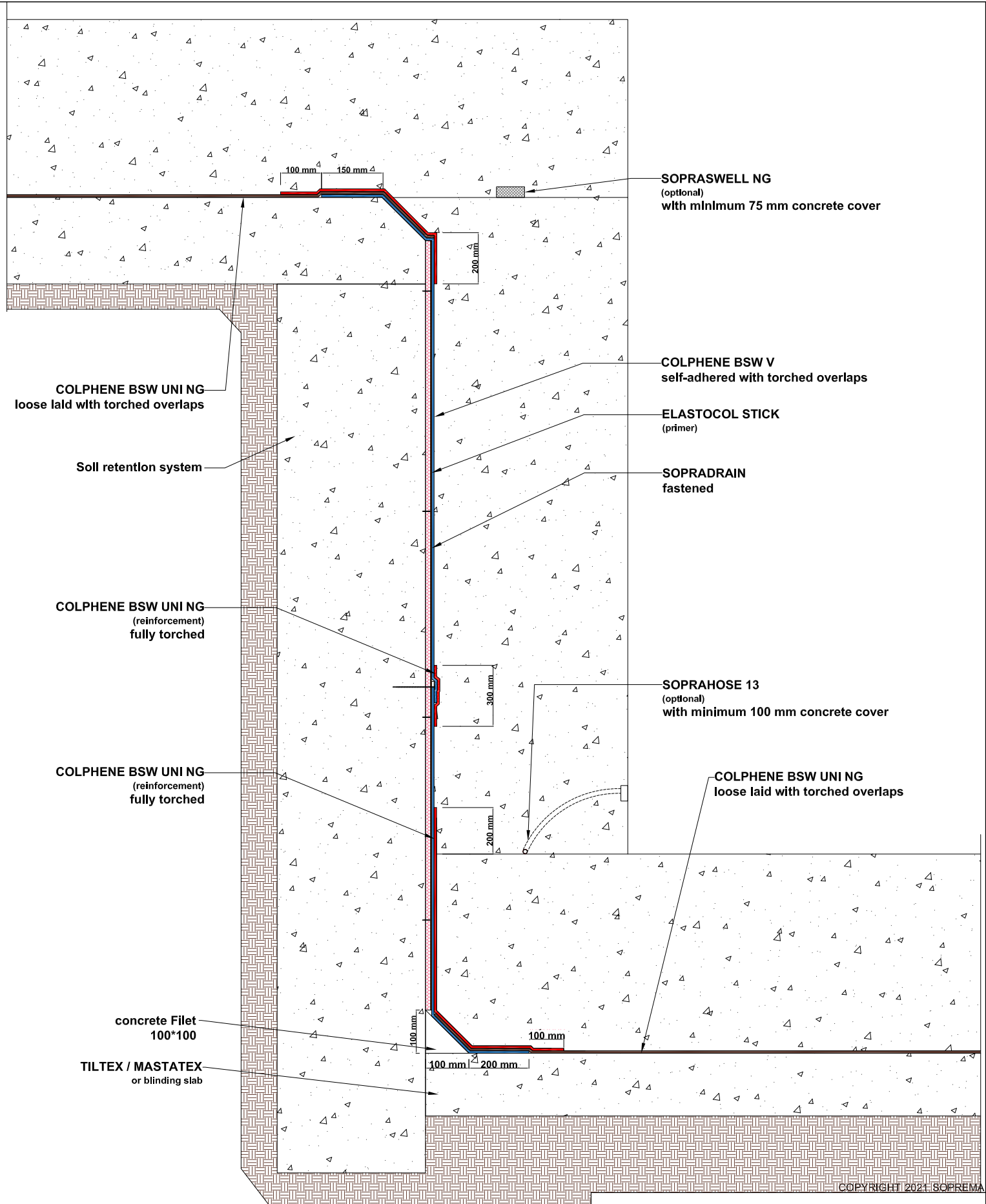the applicator according to real job site conditions.

100 mm   150 mm

200 mm

300 mm

200 mm

100 mm

100 mm

100 mm   200 mm

SOPRASWELL NG
(optional)
with minimum 75 mm concrete cover

COLPHENE BSW V
self-adhered with torched overlaps

ELASTOCOL STICK
(primer)

SOPRADRAIN
fastened

SOPRAHOSE 13
(optional)
with minimum 100 mm concrete cover

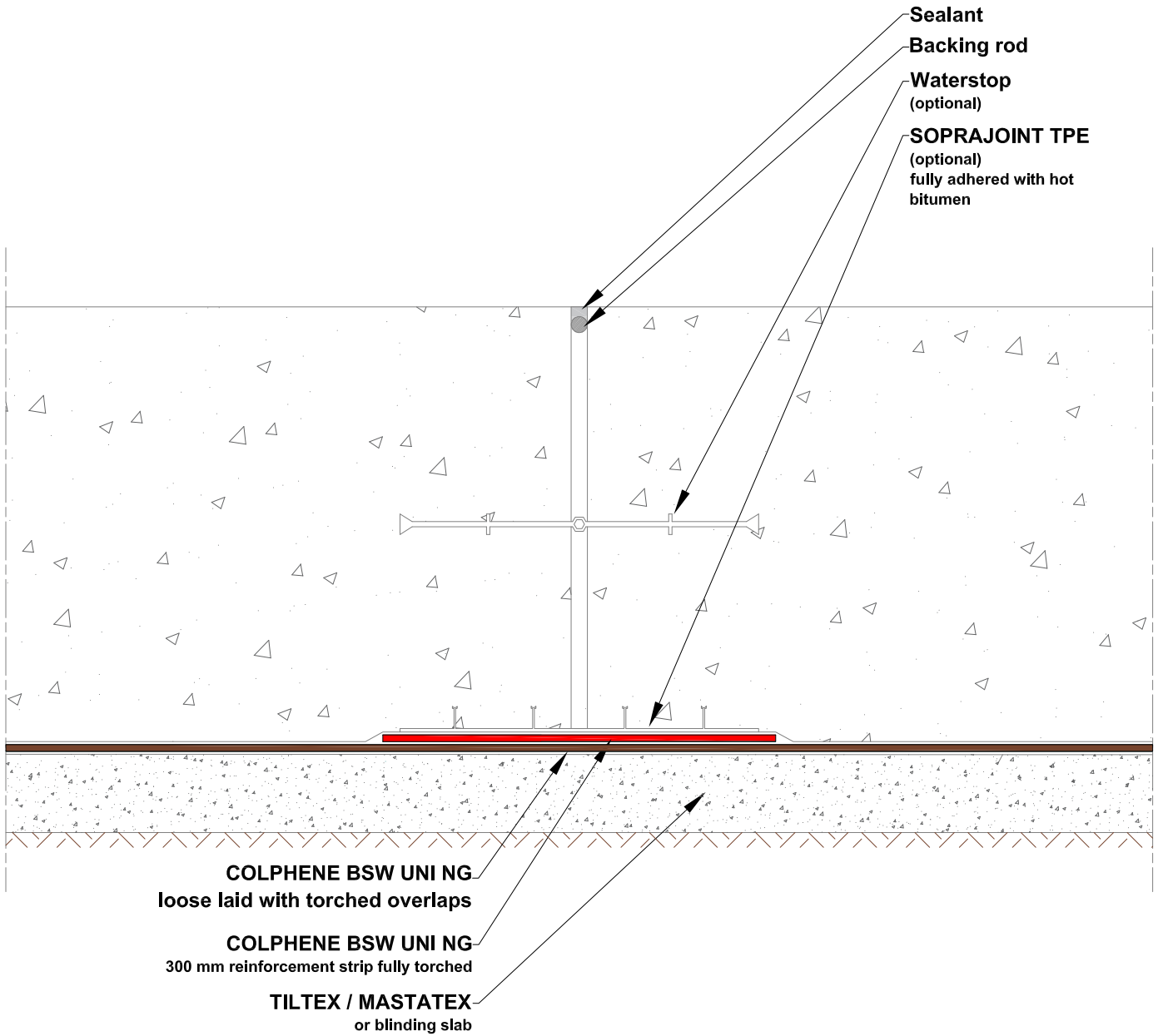**COLPHENE BSW UNI NG**
loose laid with torched overlaps

COLPHENE BSW UNI NG
loose laid with torched overlaps

Soil retention system

COLPHENE BSW UNI NG
(reinforcement)
fully torched

COLPHENE BSW UNI NG
(reinforcement)
fully torched

concrete Filet
100*100

TILTEX / MASTATEX
or blinding slab

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TITLE:	LIFT PIT DETAIL SINGLE PLY SYSTEM
PROJECT:	DRAWING NUMBER:
SCALE: NTS DATE: 2021	FG24

NOTE:
This detail is only indicative and should be verified by the designer and/or the applicator according to real job site conditions.

Sealant

Backing rod

Waterstop
(optional)

SOPRAJOINT TPE
(optional)
fully adhered with hot bitumen

COLPHENE BSW UNI NG
loose laid with torched overlaps

COLPHENE BSW UNI NG
300 mm reinforcement strip fully torched

TILTEX / MASTATEX
or blinding slab

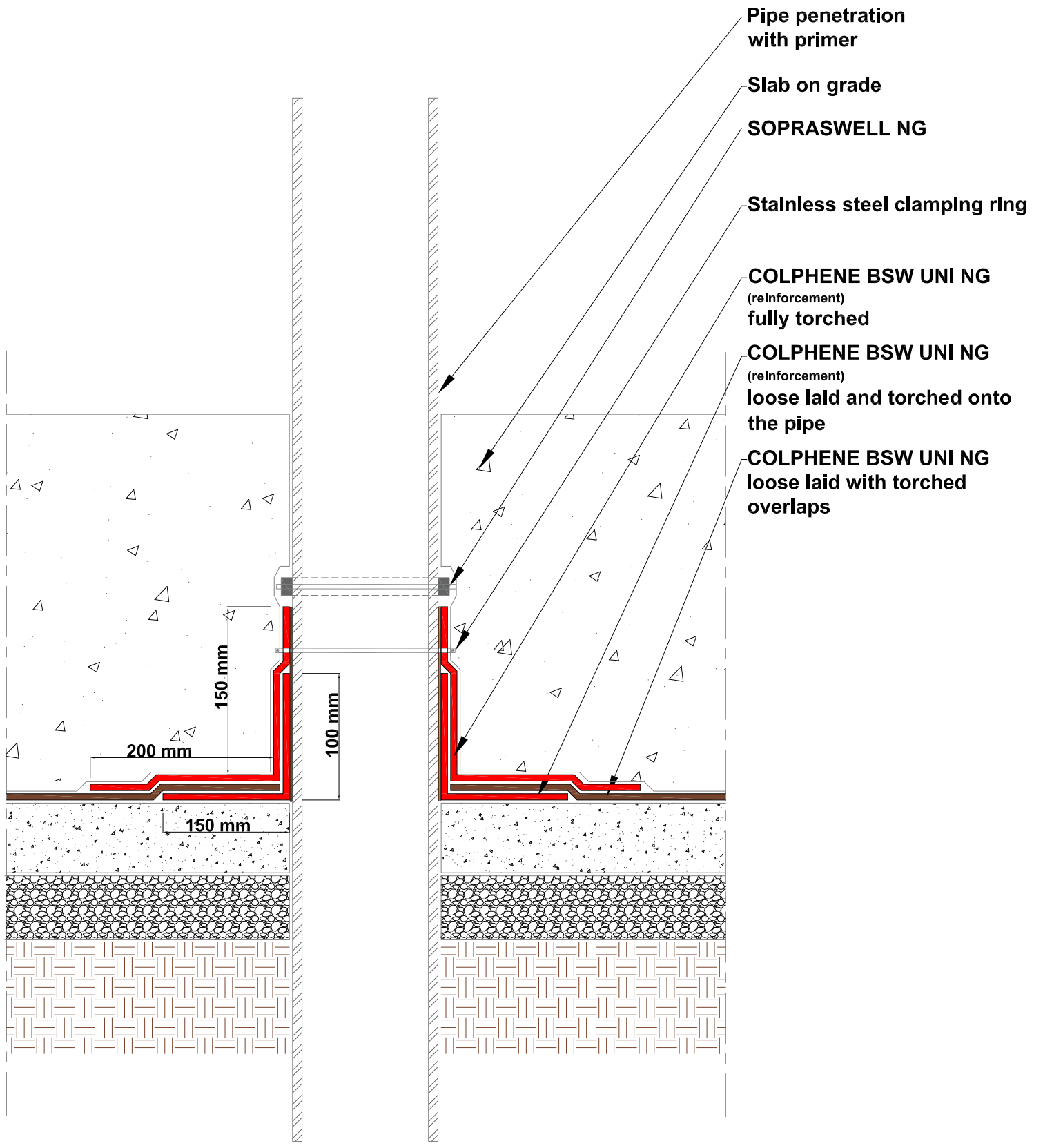LEVEL 35, BARANGAROO
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TITLE: HORIZONTAL MJ DETAIL

PROJECT: DRAWING NUMBER:

SCALE: NTS   DATE: 2021   FG15

NOTE:
This detail is only indicative and should be verified by the designer and/or the applicator according to real job site conditions.

Pipe penetration with primer

Slab on grade

SOPRASWELL NG

Stainless steel clamping ring

COLPHENE BSW UNI NG
(reinforcement)
fully torched

COLPHENE BSW UNI NG
(reinforcement)
loose laid and torched onto the pipe

COLPHENE BSW UNI NG
loose laid with torched overlaps

150 mm

100 mm

200 mm

150 mm

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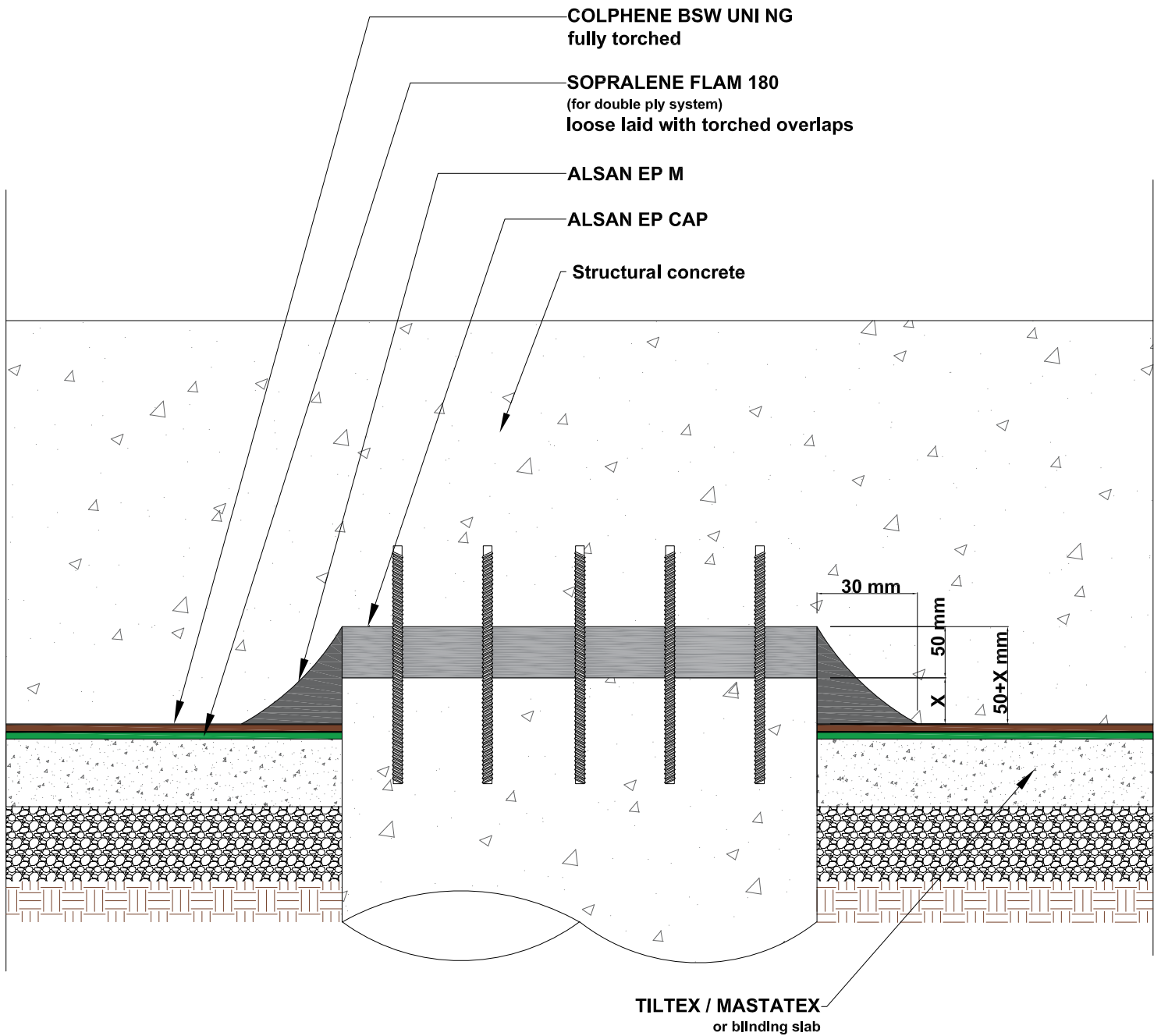| TITLE:	PIPE PENETRATION DETAIL ONE LAYERS SYSTEM	
PROJECT:		DRAWING NUMBER:
SCALE: NTS	DATE: 2021	FG16

NOTE:
This detail is only indicative and should be verified by the designer and/or the applicator according to real job site conditions.

COLPHENE BSW UNI NG
fully torched

SOPRALENE FLAM 180
(for double ply system)
loose laid with torched overlaps

ALSAN EP M

ALSAN EP CAP

Structural concrete

30 mm

50 mm

X

50+X mm

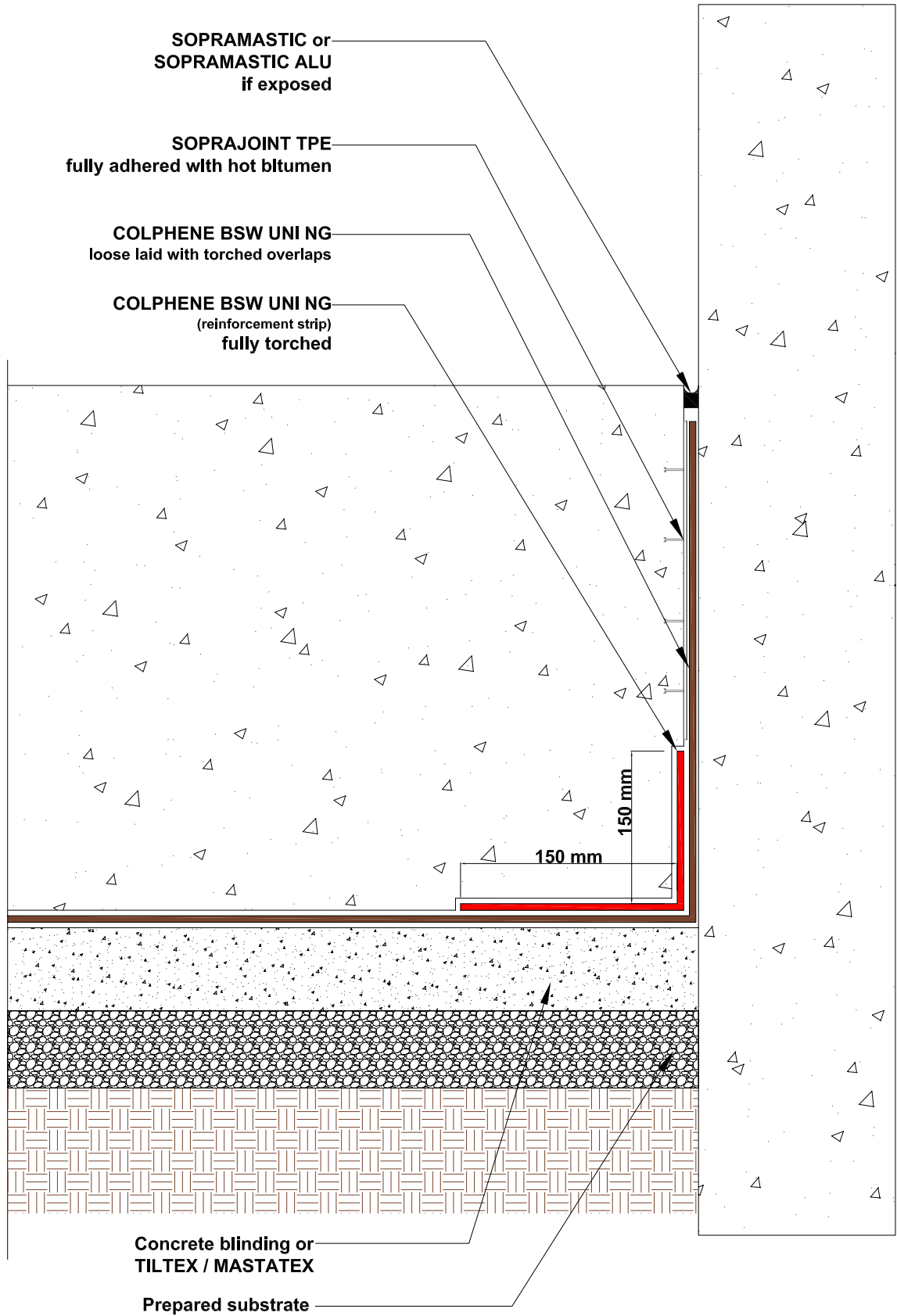**TILTEX / MASTATEX**
or blinding slab

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TITLE:
PILE CAP DETAIL
WITH TILTEX / MASTATEX SUBSTRATE

PROJECT:

DRAWING NUMBER:

SCALE: NTS

DATE: 2021

FG19

NOTE:
This detail is only indicative and should be verified by the designer and/or
the applicator according to real job site conditions.

SOPRAMASTIC or
SOPRAMASTIC ALU
if exposed

SOPRAJOINT TPE
fully adhered with hot bitumen

COLPHENE BSW UNI NG
loose laid with torched overlaps

COLPHENE BSW UNI NG
(reinforcement strip)
fully torched

150 mm

150 mm

Concrete blinding or
TILTEX / MASTATEX

Prepared substrate

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TITLE: SLAB TERMINATION
             WITH SOPRAJOINT TPE

PROJECT: DRAWING NUMBER:

SCALE: NTS   DATE: 2021   FG20

NOTE:
This detail is only indicative and should be verified by the designer and/or
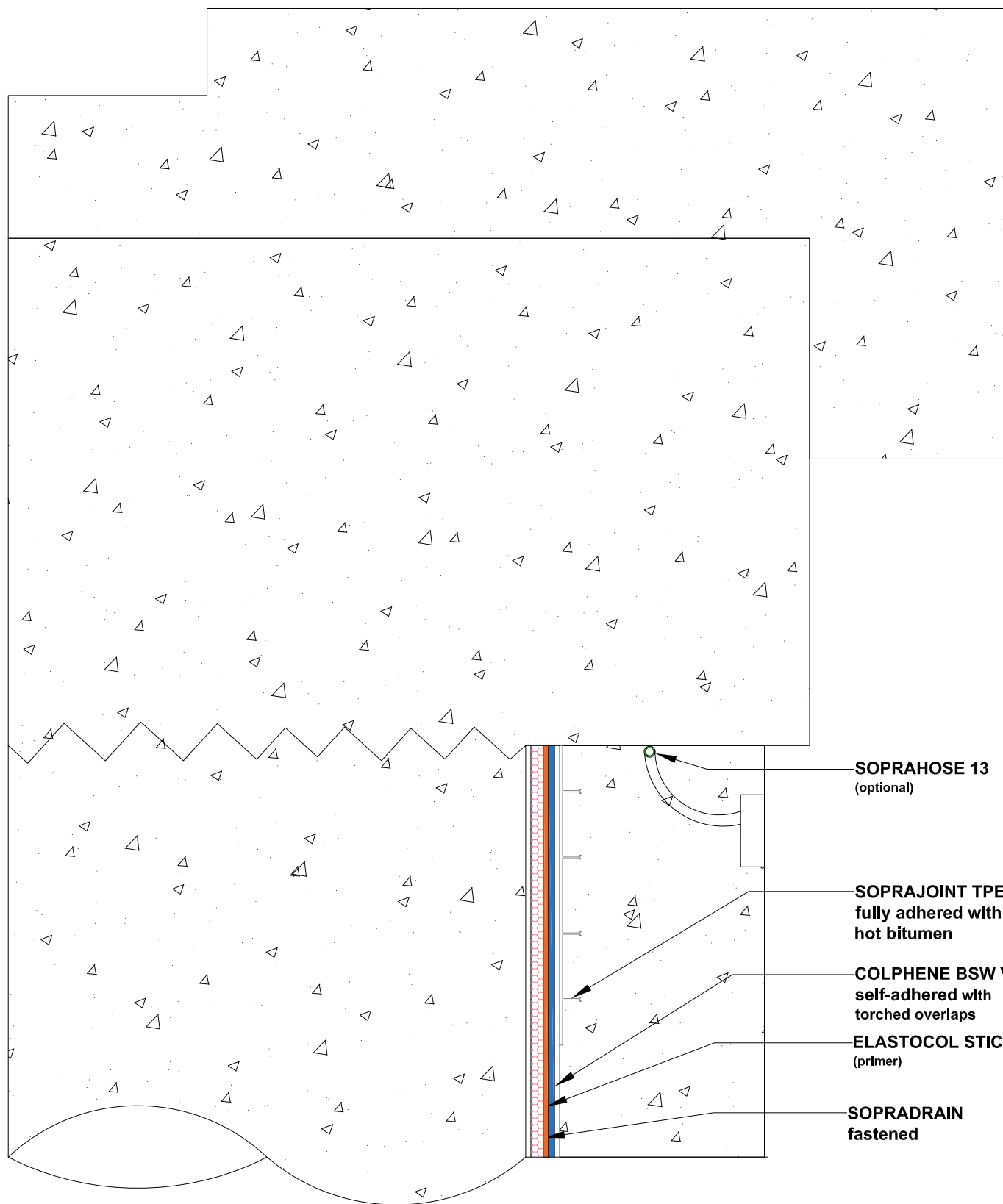the applicator according to real job site conditions.

SOPRAHOSE 13
(optional)

SOPRAJOINT TPE
fully adhered with
hot bitumen

COLPHENE BSW V
self-adhered with
torched overlaps

ELASTOCOL STICK
(primer)

SOPRADRAIN
fastened

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TITLE: HEAD PILE TERMINATION
WITH SOPRAJOINT TPE

PROJECT:

DRAWING NUMBER:

SCALE: NTS   DATE: 2021   FG21

NOTE:
This detail is only indicative and should be verified by the designer and/or
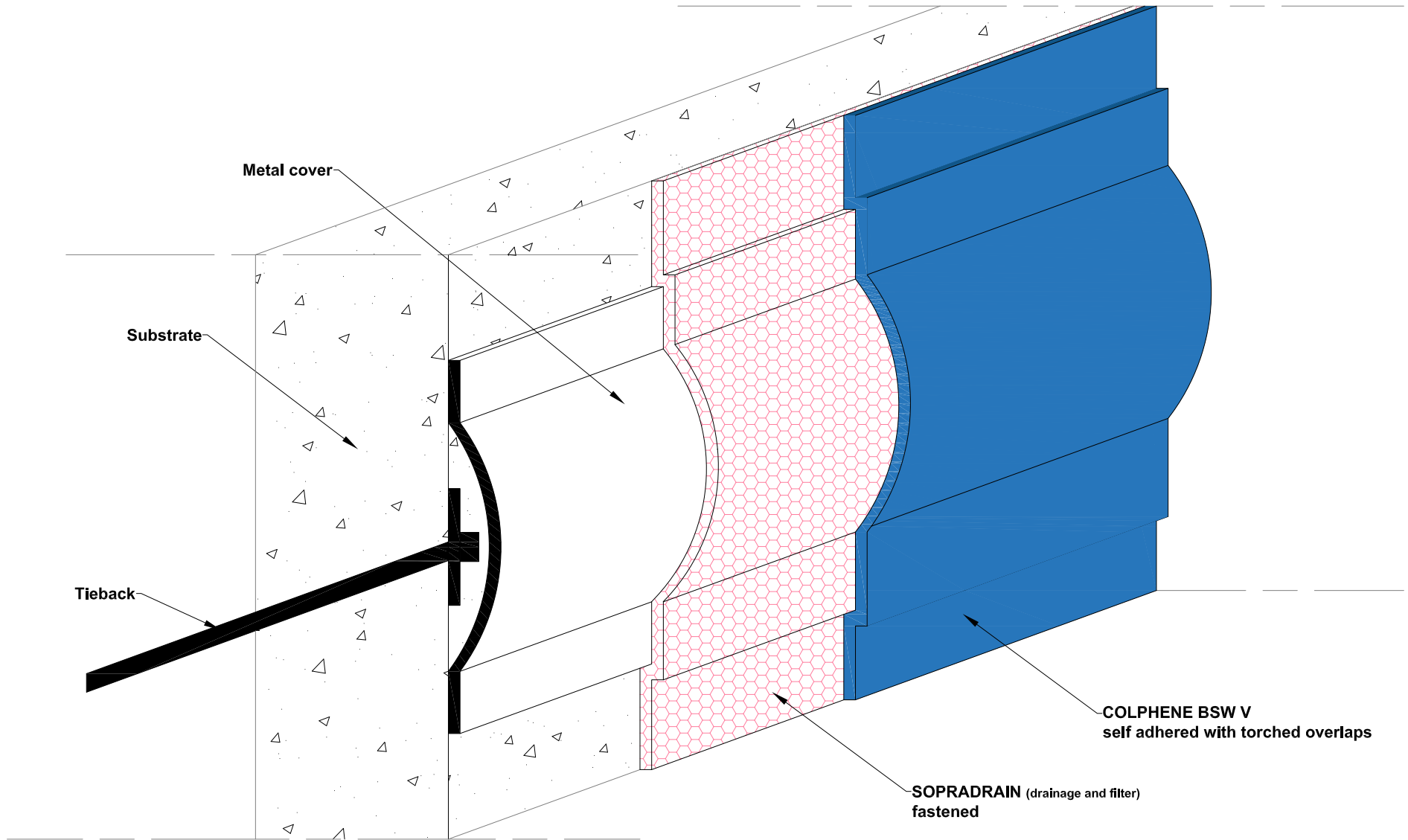the applicator according to real job site conditions.

Metal cover

Substrate

Tieback

COLPHENE BSW V
self adhered with torched overlaps

SOPRADRAIN (drainage and filter)
fastened

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TITLE:
TIE BACK DETAIL
WITH METAL PROTECTION

PROJECT:

DRAWING NUMBER:

SCALE: NTS   DATE: 2021   FG22

NOTE:
This detail is only indicative and should be verified by the designer and/or the applicator according to real job site conditions.

SOPREMA's technical team will be more than happy to assist you with any queries you may have. Shall you have any questions, or need assistance with details review for your project, do not hesitate to contact us.

Richard Ajavon
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