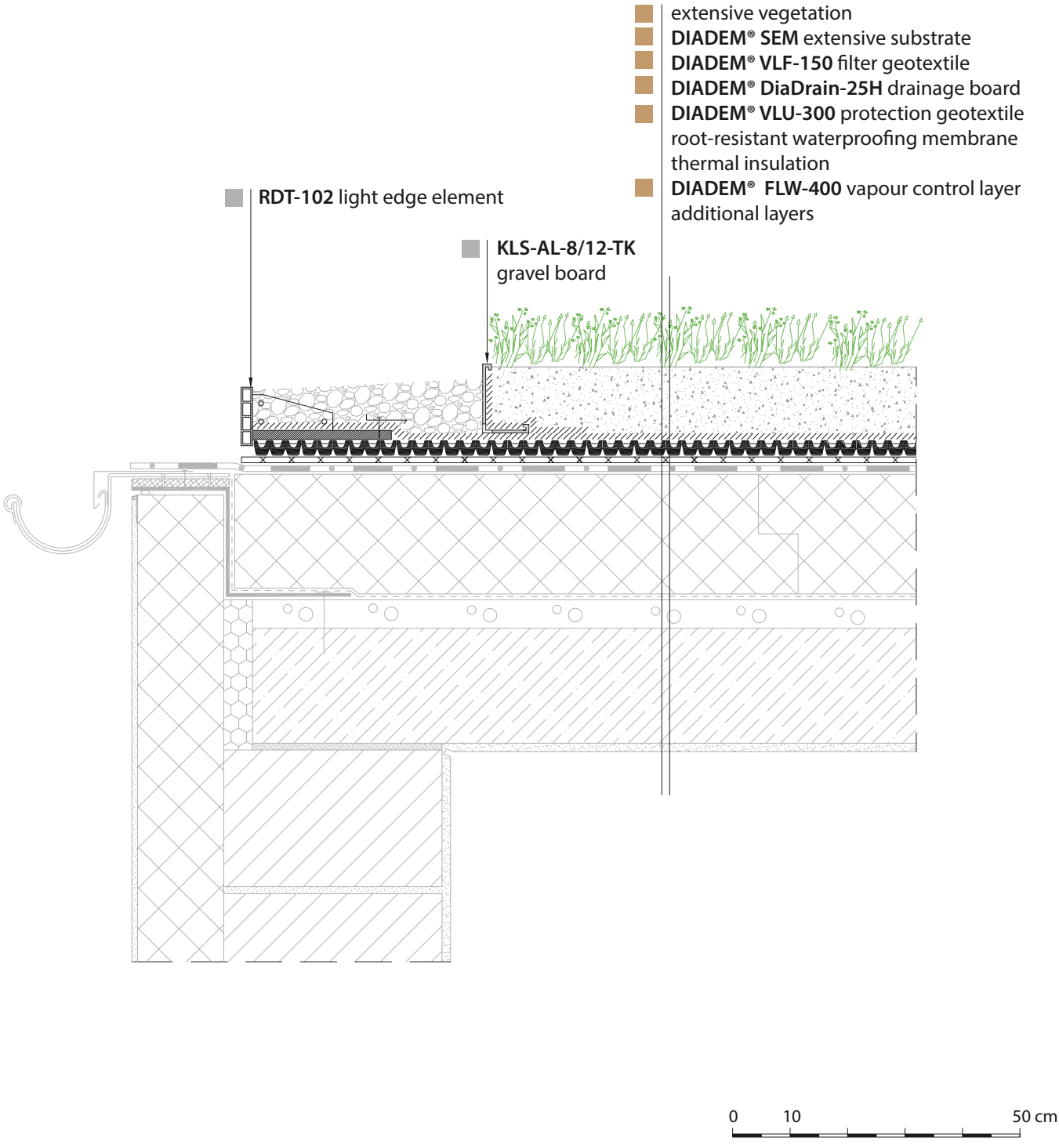


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DIADEM®150

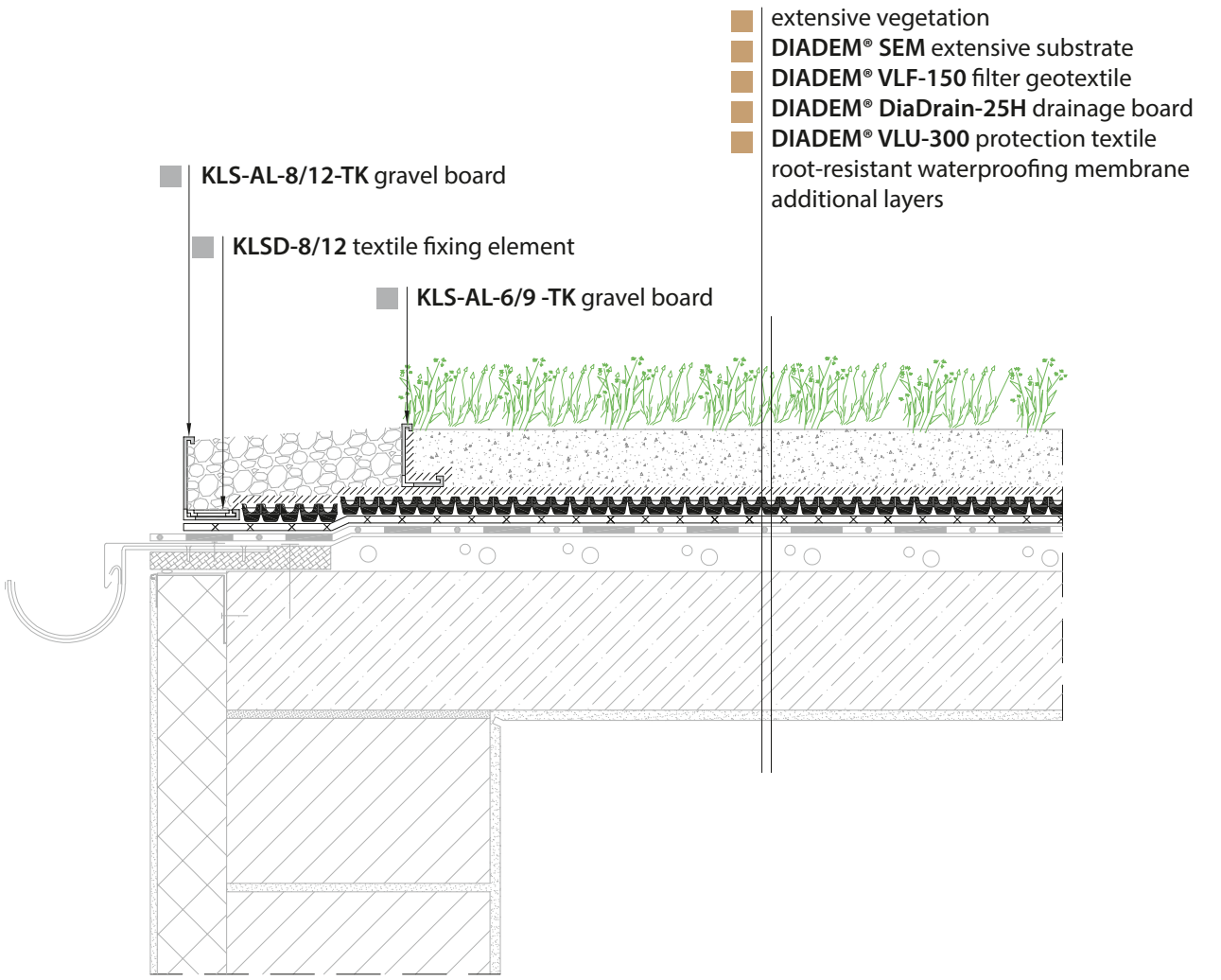
extensive green roof, warm roof

GUTTER WITHOUT PARAPET WALL

DIADEM® product: KLS, RDT

date: 2019

drawing number: 150_01



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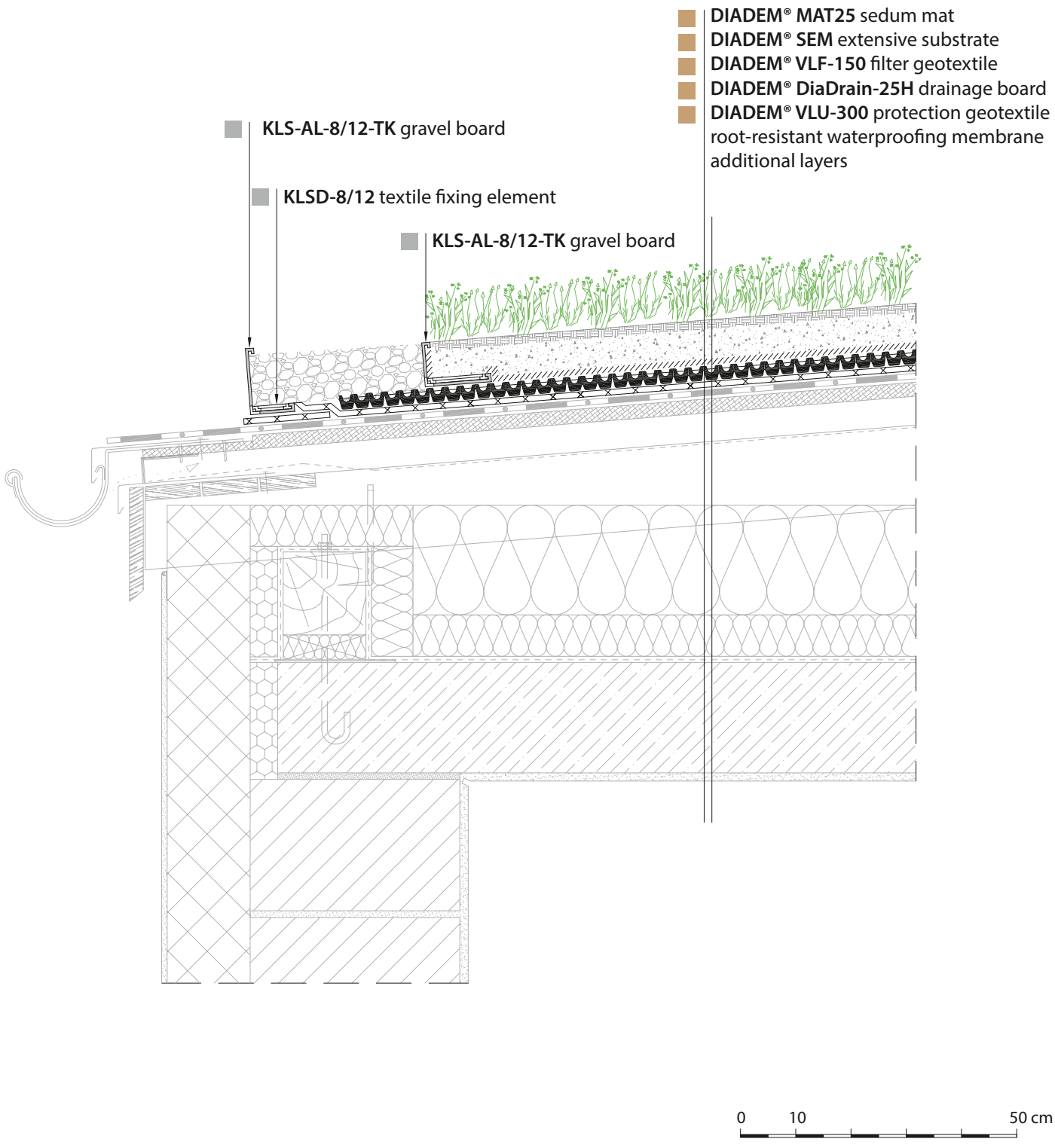
extensive green roof, warm roof

GUTTER WITHOUT PARAPET

DIADEM® product: KLS, KLSD

date: 2019

drawing number: 150_02



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DIADEM®150

extensive green roof

PITCHED ROOF WITH GUTTER (inclination < 15°)

DIADEM® product: KLS, KLSD

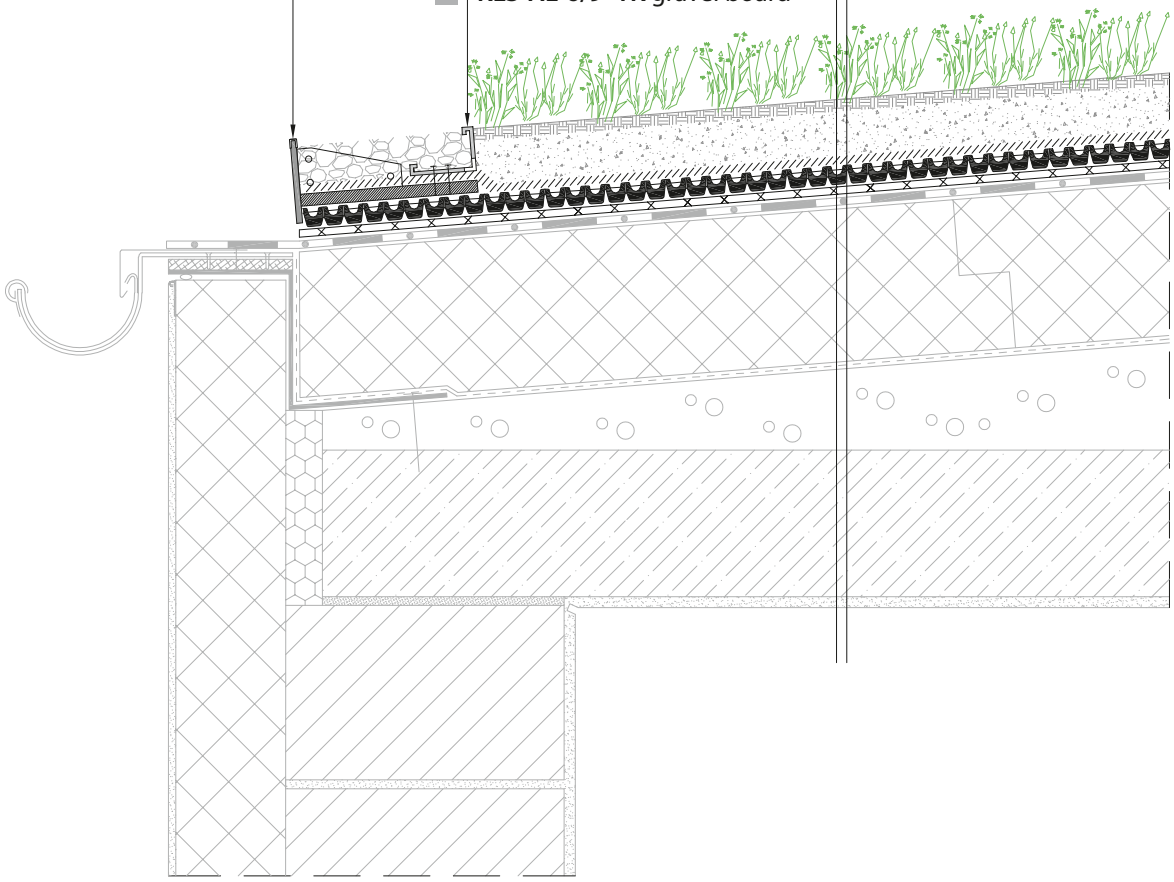
date: 2019

drawing number: 150_03

DIADEM® MAT-25 sedum mat
DIADEM® SEM extensive substrate
DIADEM® VLF-150 filter geotextile
DIADEM® DiaDrain-25H drainage board
DIADEM® VLU-300 protection geotextile
root-resistant waterproofing membrane
thermal insulation
DIADEM® FLW-400 vapour control layer
additional layers

RDT-115 light edge element

KLS-AL-6/9 -TK gravel board



0 10 50 cm

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DIADEM®150

extensive green roof

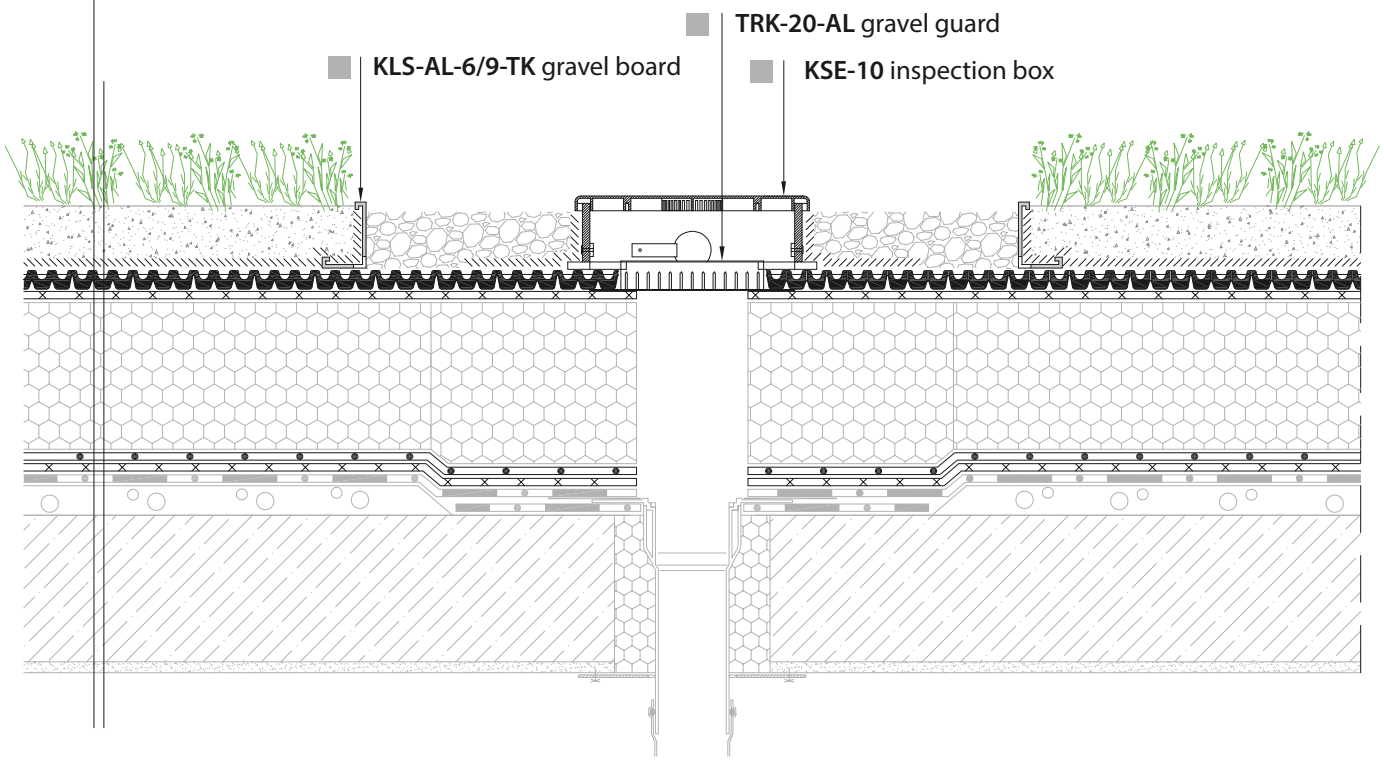
PITCHED ROOF WITH GUTTER (inclination < 10°)

DIADEM® product: RDT, KLS

date: 2019

drawing number: 150_04

- extensive vegetation
- **DIADEM® SEM** extensive substrate
- **DIADEM® VLF-150** filter geotextile
- **DIADEM® DiaDrain-25H** drainage board
- **DIADEM® VLF-110** separation textile
- closed cell thermal insulation
- **DIADEM® FLW-400** root-resistant layer
- **DIADEM® VLU-300** protection geotextile
- non root resistant water proofing membrane
- additional layers



0 10 50 cm

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extensive green roof, inverted roof

OUTLET IN GREEN ROOF

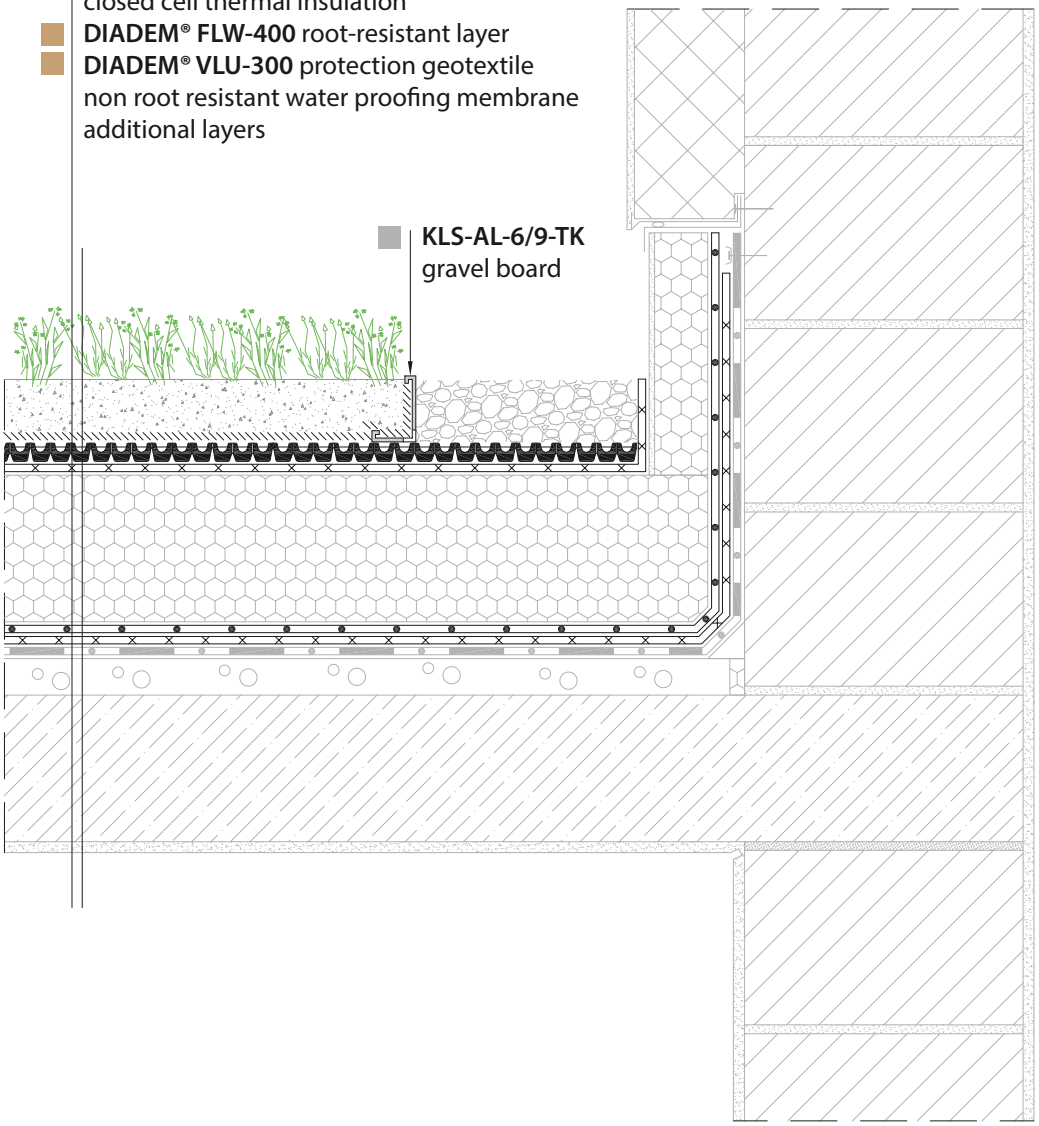
DIADEM® product: KSE, KLS, TRK

date: 2019

drawing number: 150_05

extensive vegetation
DIADEM® SEM extensive substrate
DIADEM® VLF-150 filter geotextile
DIADEM® DiaDrain-25H drainage board
DIADEM® VLF-110 separation textile
closed cell thermal insulation
DIADEM® FLW-400 root-resistant layer
DIADEM® VLU-300 protection geotextile
non root resistant water proofing membrane
additional layers

KLS-AL-6/9-TK
gravel board



0 10 50 cm

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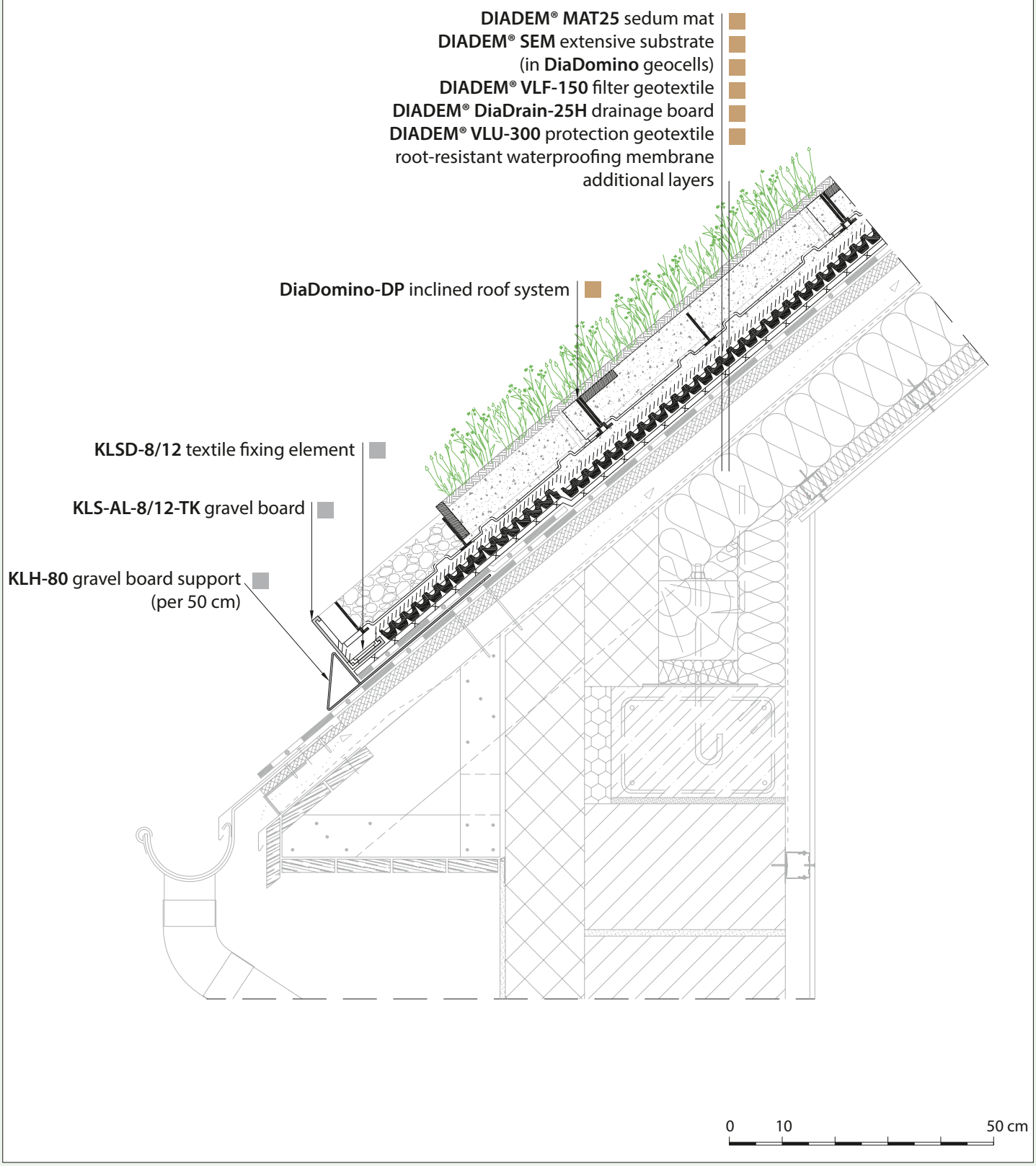
extensive green roof, inverted roof

WALL CONNECTION

DIADEM® product: KLS

date: 2019

drawing number: 150_06



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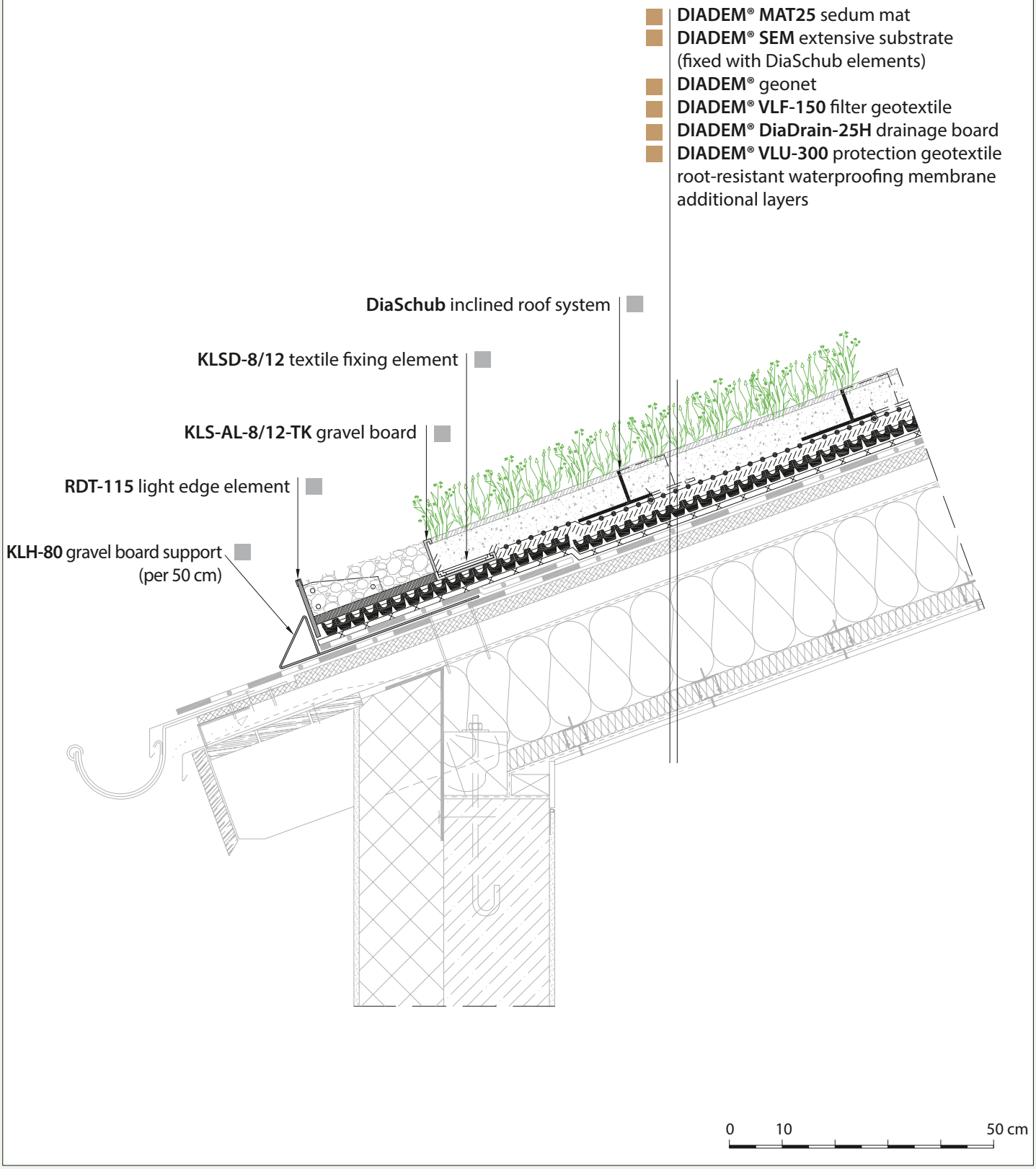
extensive green roof

PITCHED ROOF WITH GUTTER (inclanation >25°)

DIADEM® product: DiaDomino, KLS, KLSD, KLH

date: 2019

drawing number: 150_07



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DIADEM®150

extensive green roof

PITCHED ROOF WITH GUTTER (inclanation 15<35°)

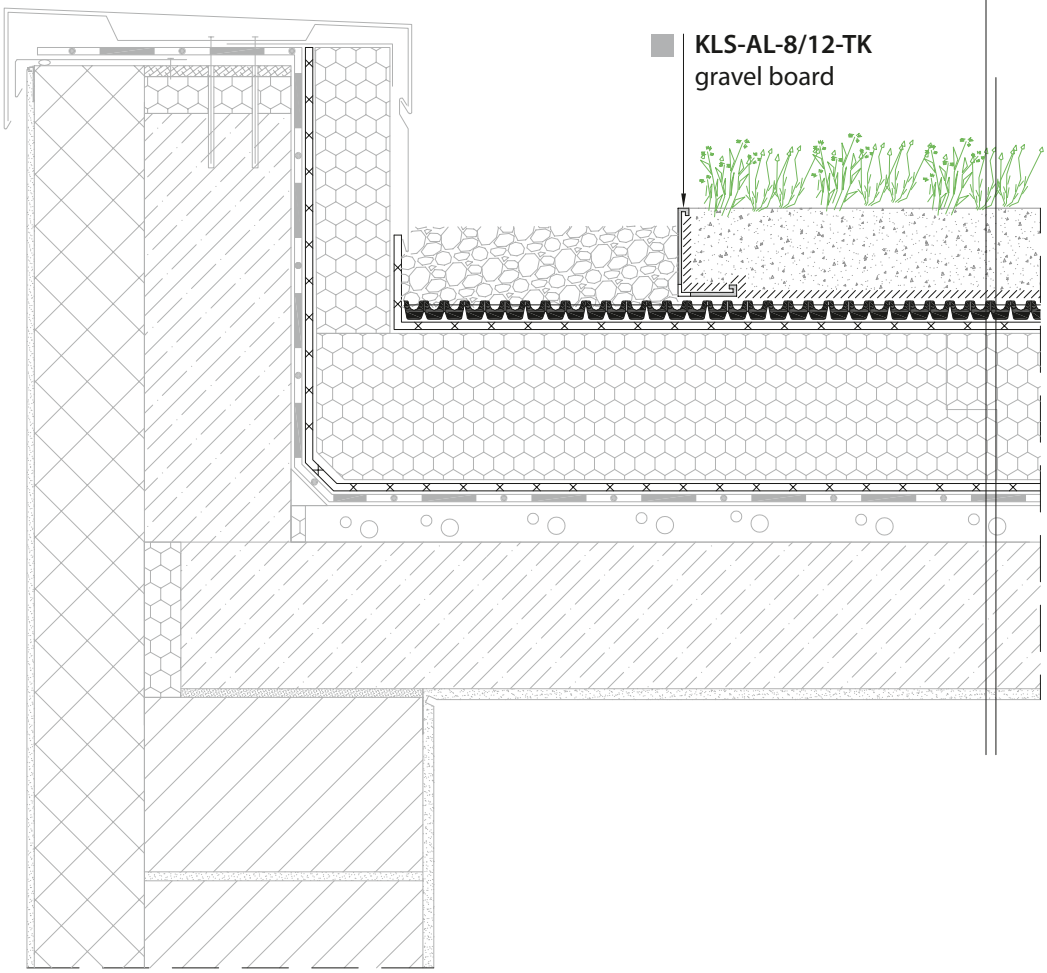
DIADEM® product: DiaSchub, RDT, KLS, KLSD, KLH

date: 2019

drawing number: 150_08

extensive vegetation
DIADEM® SEM extensive substrate
DIADEM® VLF-150 filter geotextile
DIADEM® DiaDrain-25H drainage board
DIADEM® VLF-110 separation textile
closed cell thermal insulation
DIADEM® FLW-400 root-resistant layer
DIADEM® VLU-300 protection geotextile
non root resistant waterproofing membrane
additional layers

KLS-AL-8/12-TK
gravel board



0 10 50 cm

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extensive green roof, inverted roof

PARAPET WALL CONNECTION

DIADEM® product: KLS

date: 2019

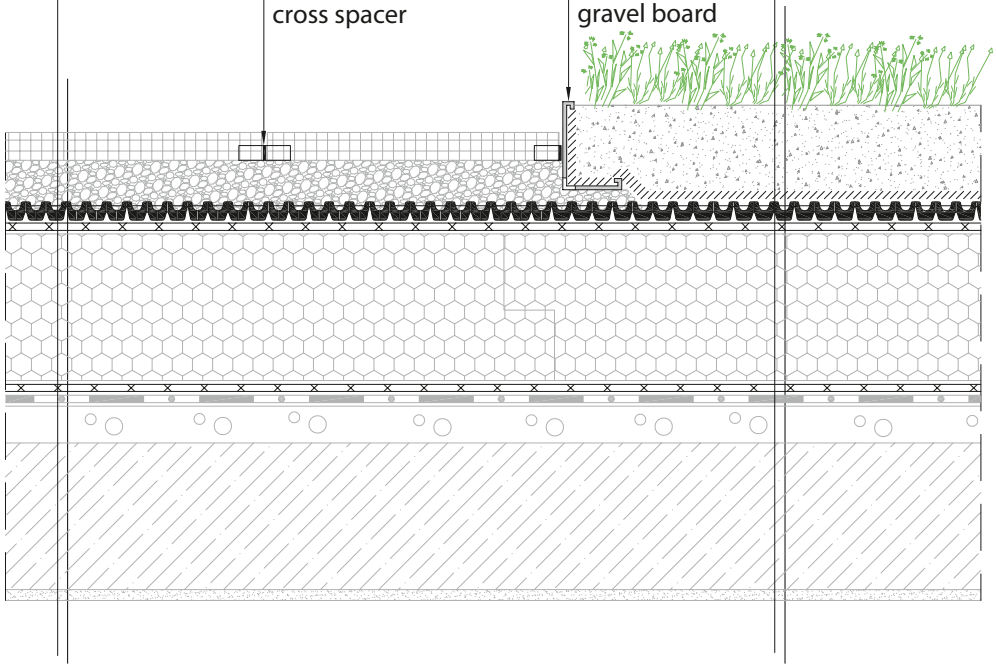
drawing number: 150_09

frost-proof pavement (with **FK-5** cross spacers)
crushed stone bedding
DIADEM® DiaDrain 25H-DP drainage board filled
DIADEM® VLF-150 separation geotextile
closed cell thermal insulation
DIADEM® VLU-300 protection geotextile
(root-resistant) waterproofing membrane
additional layers

extensive vegetation
DIADEM® SEM extensive substrate
DIADEM® VLF-150 filter geotextile
DIADEM® DiaDrain-25H drainage board
DIADEM® VLF-110 separation geotextile
closed cell thermal insulation
DIADEM® VLU-300 protection geotextile
root-resistant waterproofing membrane
additional layers

FK-5
cross spacer

KLS-AL-8/12-TK
gravel board



0 10 50 cm

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DIADEM®150

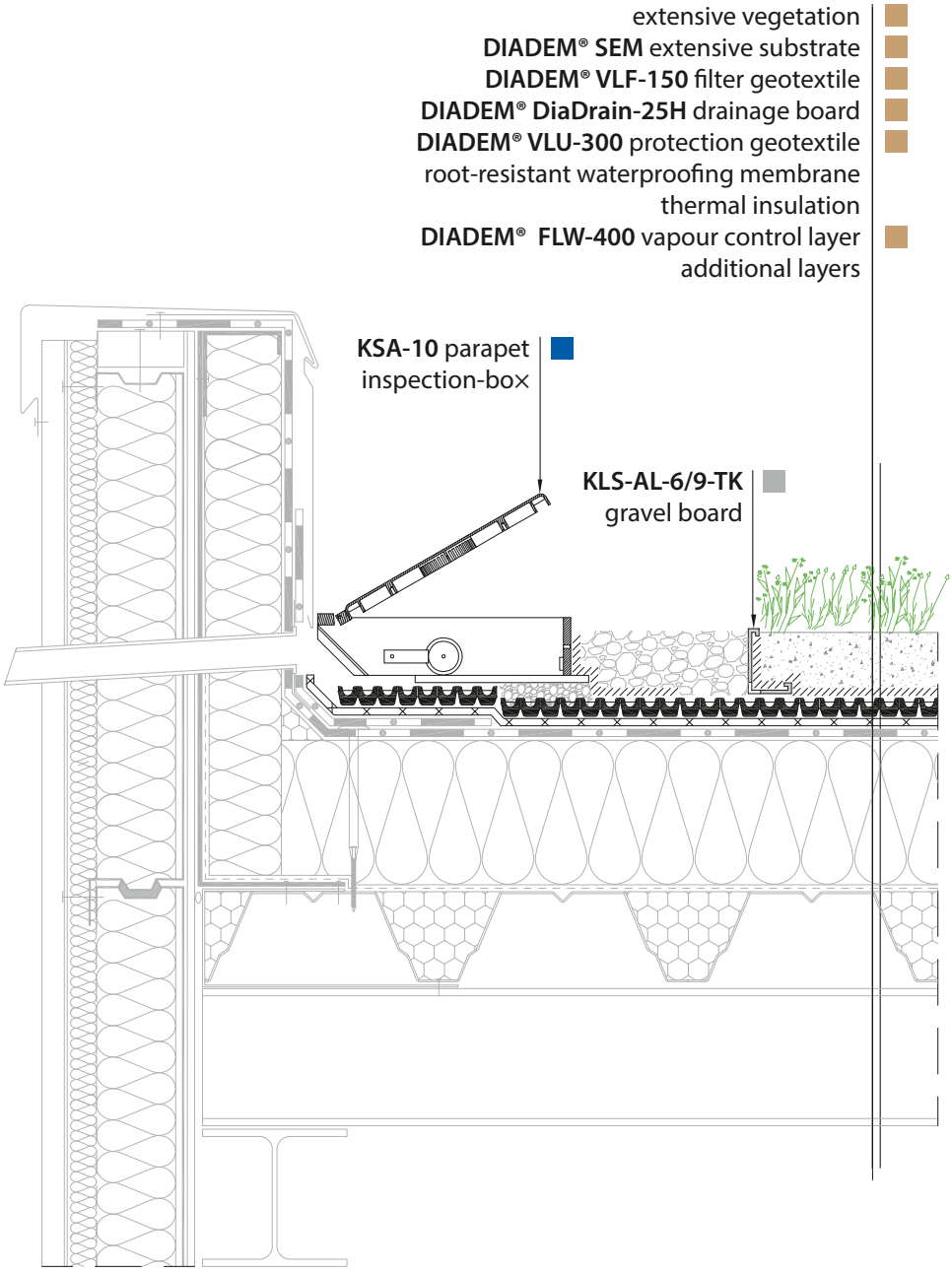
extensive green roof and terrace, inverted roof

JUNCTION

DIADEM® products: KLS, FK-5

date: 2019

drawing number: 150_10



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DIADEM®150

extensive green roof, warm roof

OUTLET AT PARAPET WALL

DIADEM® product: KSA, KLS

date: 2019

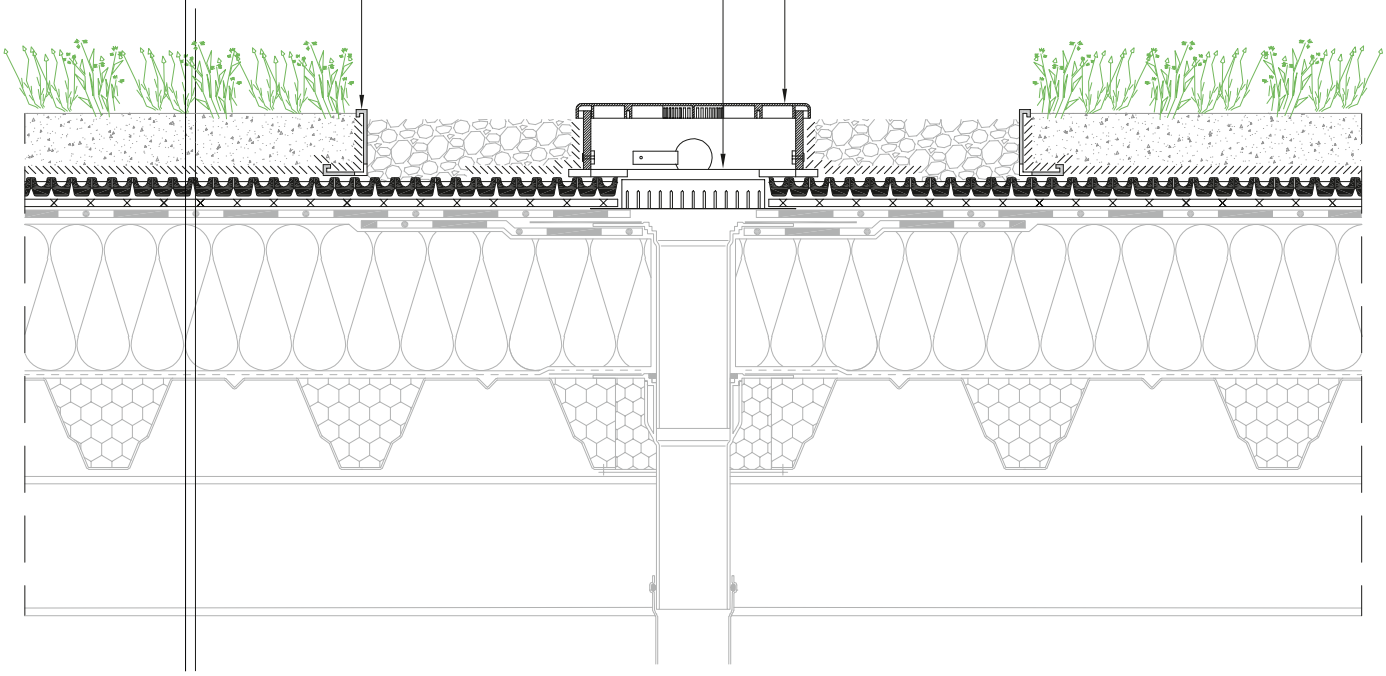
drawing number: 150_11

- extensive vegetation
- **DIADEM® SEM** extensive substrate
- **DIADEM® VLF-150** filter geotextile
- **DIADEM® DiaDrain-25H** drainage board
- **DIADEM® VLU-300** protection geotextile
- root-resistant waterproofing membrane
- thermal insulation
- **DIADEM® FLW-400** vapour control layer
- additional layers

TRK-20-AL gravel guard

KLS-AL-6/9-TK gravel board

KSE-10 inspection box



0 10 50 cm

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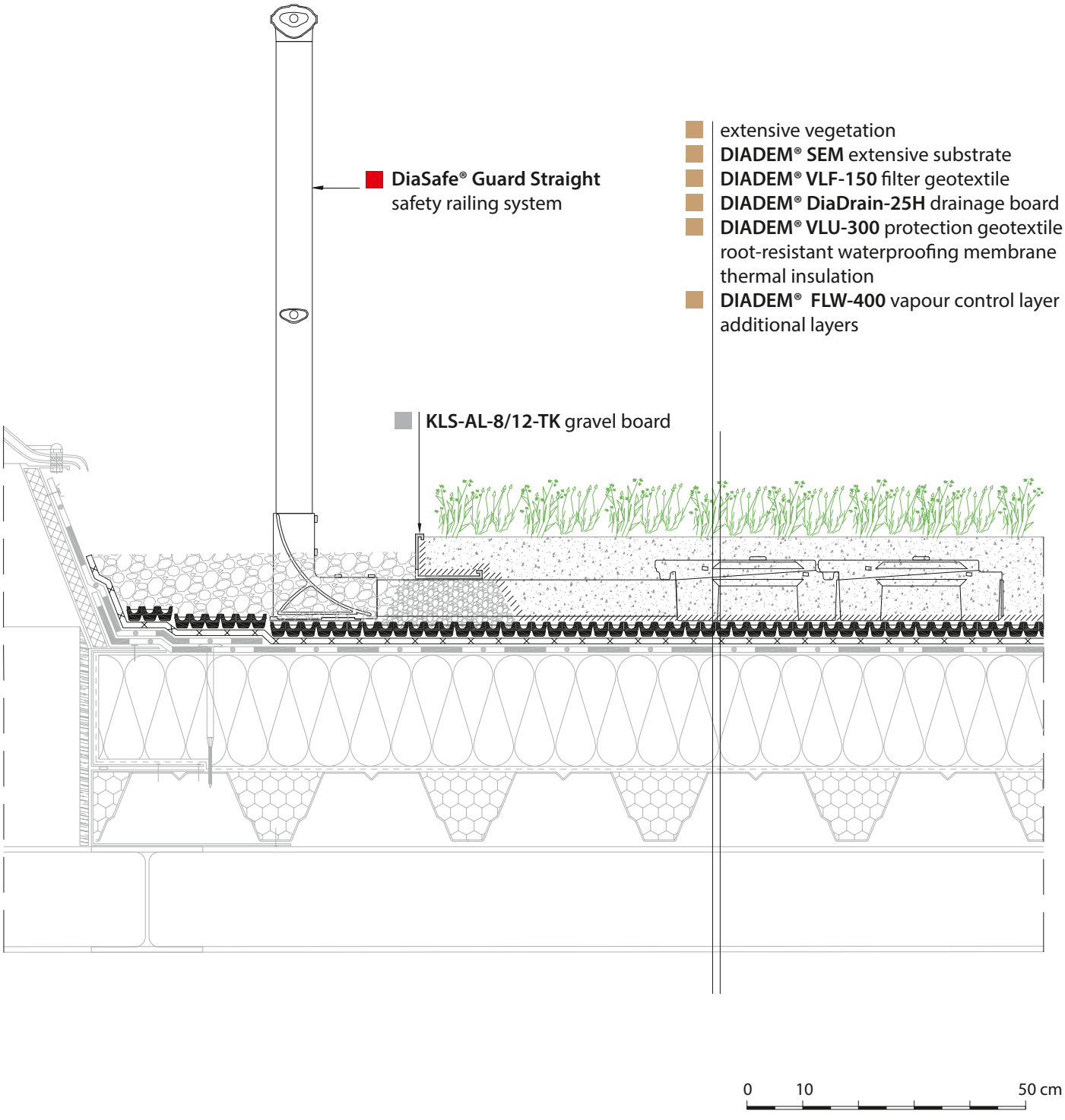
extensive green roof, warm roof

OUTLET IN GREEN ROOF

DIADEM® product: KSE, KLS, TRK

date: 2019

drawing number: 150_12



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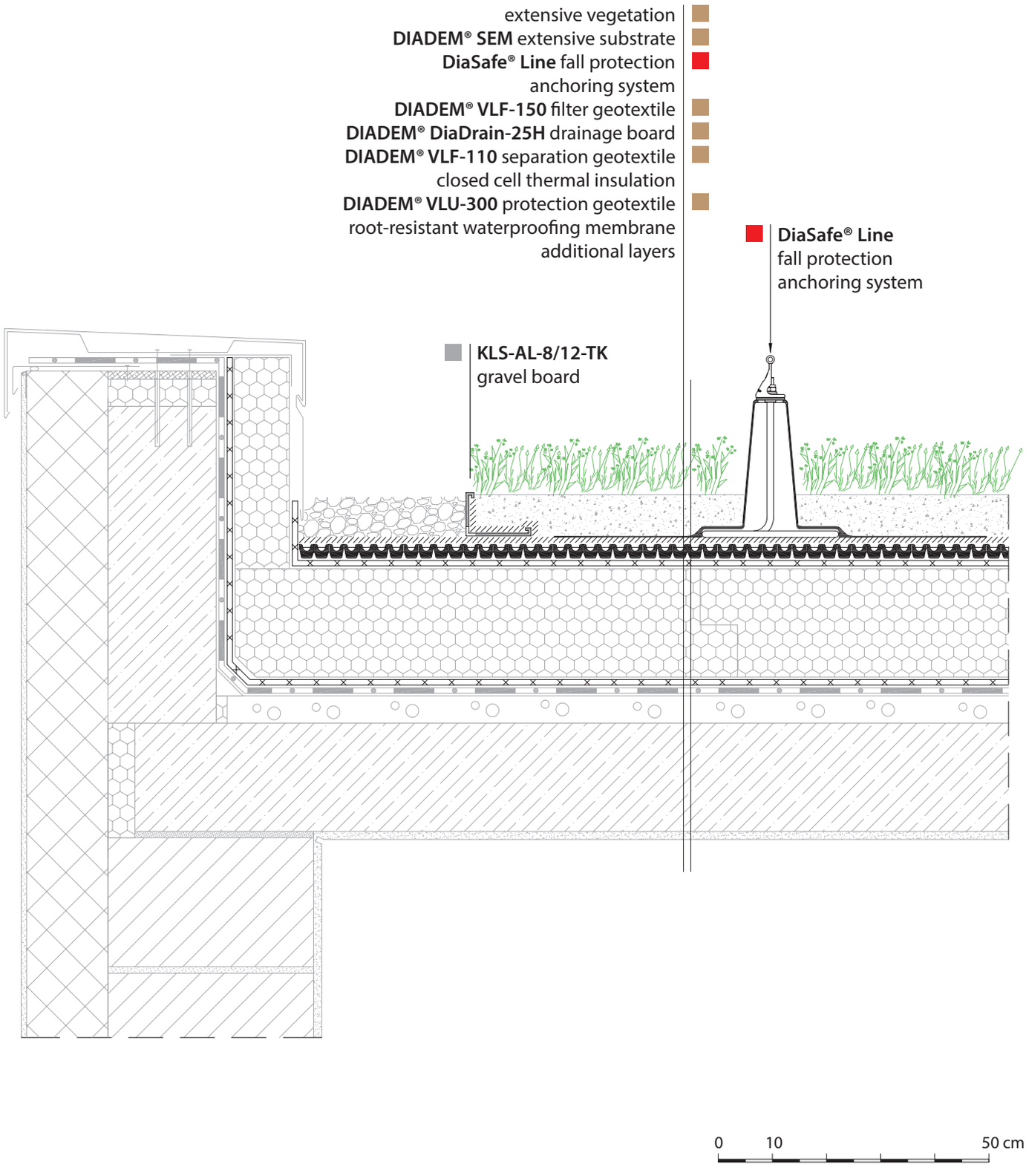
extensive green roof, warm roof

ROOF PENETRATION

DIADEM® product: DS Guard, KLS

date: 2019

drawing number: 150_13



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DIADEM®150

extensive green roof, inverted roof

PARAPET, FALL PROTECTION ANCHORING SYSTEM

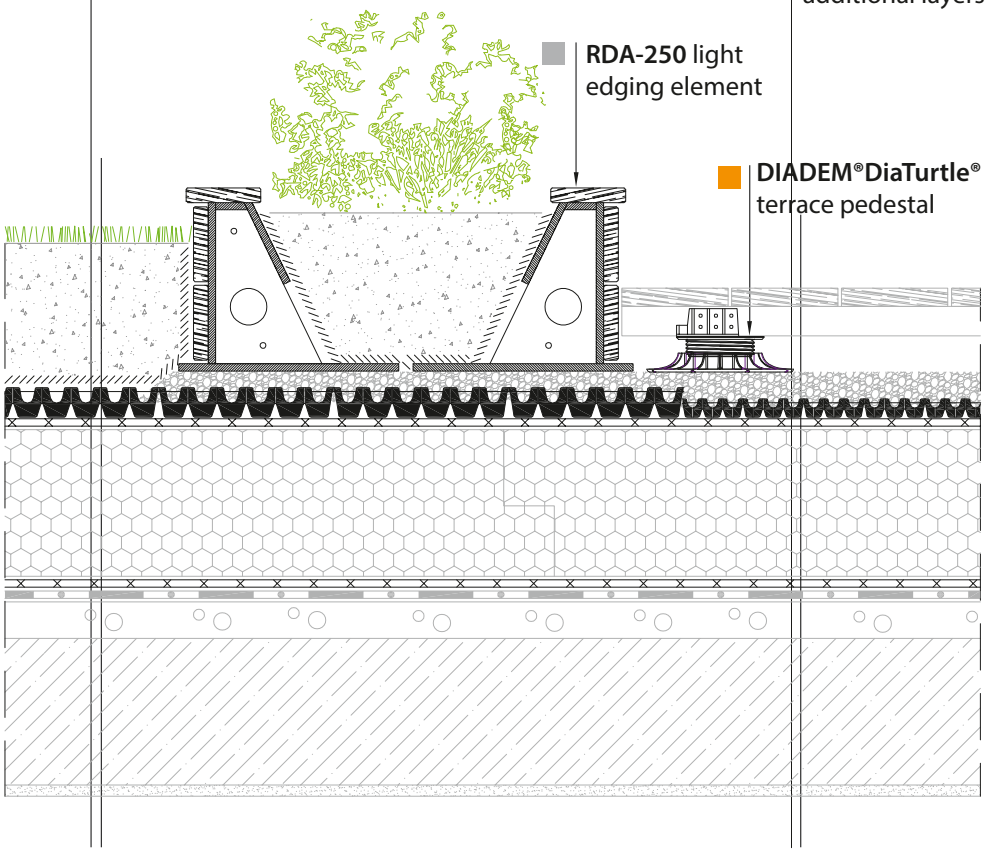
DIADEM® product: DiaSafe® Line, KLS

date: 2019

drawing number: 150_14

- semi-intensive vegetation (lawn)
- **DIADEM® SIM** intensive substrate
- **DIADEM® VLF-200** filter geotextile
- **DIADEM® DiaDrain-40H** drainage board filled
- **DIADEM® VLF-110** separation geotextile
- closed cell thermal insulation
- **DIADEM® VLU-300** protection geotextile
- root-resistant waterproofing membrane
- additional layers

- wooden deck
- sleeper
- **DIADEM®DiaTurtle®** height-adjustable terrace pedestal
- crushed stone bedding
- **DIADEM® DiaDrain-25H-DP** drainage board filled
- **DIADEM® VLF-110** separation geotextile
- closed cell thermal insulation
- **DIADEM® VLU-300** protection geotextile
- (root-resistant) waterproofing membrane
- additional layers



0 10 50 cm

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DIADEM®350

semi-intensive green roof and terrace, inverted roof

JUNCTION

DIADEM® product: RDA, DiaTurtle®

date: 2019

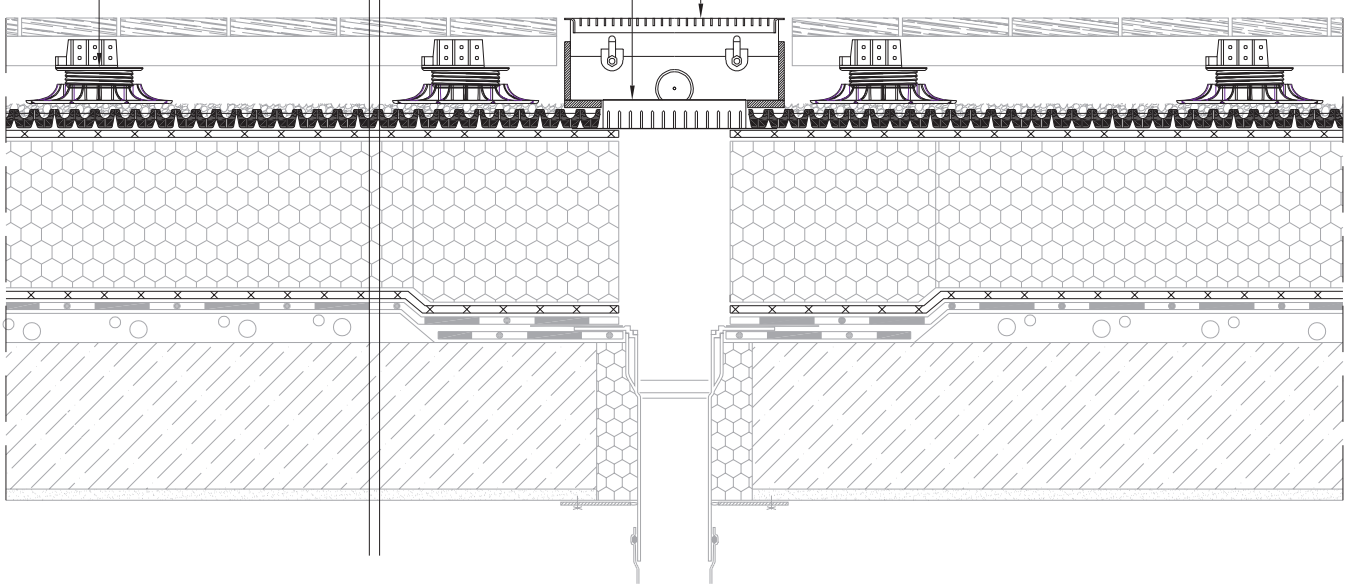
drawing number: 350_01

wooden deck
sleeper
DIADEM® DiaTurtle® height-adjustable terrace pedestal
crushed stone bedding
DIADEM® DiaDrain-25H-DP drainage board
DIADEM® VLF-110 separation geotextile
closed cell thermal insulation
DIADEM® VLU-300 protection geotextile
(root-resistant) waterproofing membrane
additional layers

TRK-20-AL gravel guard

DIADEM® DiaTurtle® height-adjustable terrace pedestal

TRH-30 height-adjustable terrace grille



0 10 50 cm

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DIADEM®350

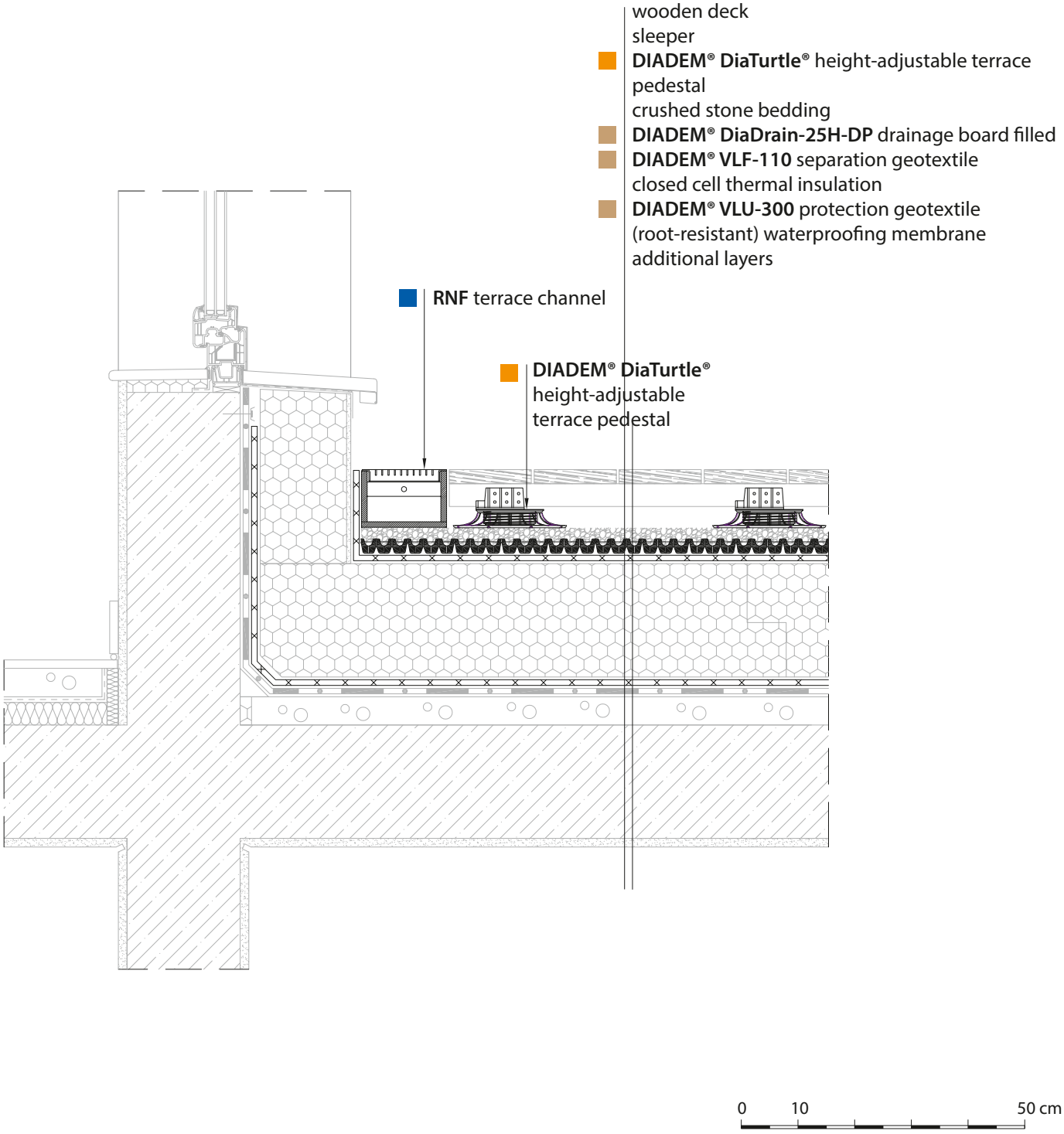
terrace deck, inverted roof

OUTLET IN PAVED ROOF

DIADEM® product: TRH, TRK, DiaTurtle®

date: 2019

drawing number: 350_02



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DIADEM®350

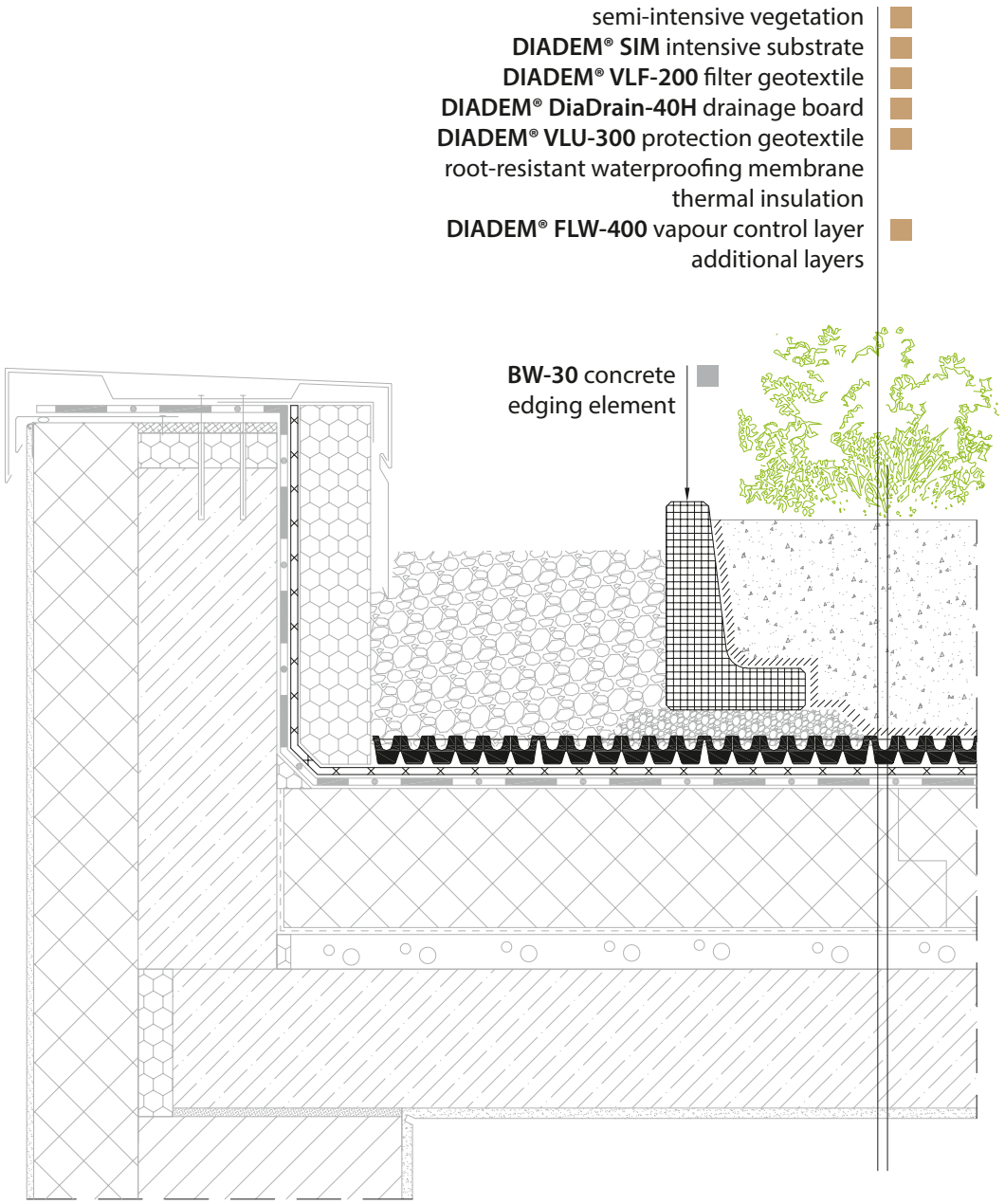
terrace deck, inverted roof

WALL CONNECTION

DIADEM® product: RNF, DiaTurtle®

date: 2019

drawing number: 350_03



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DIADEM®350

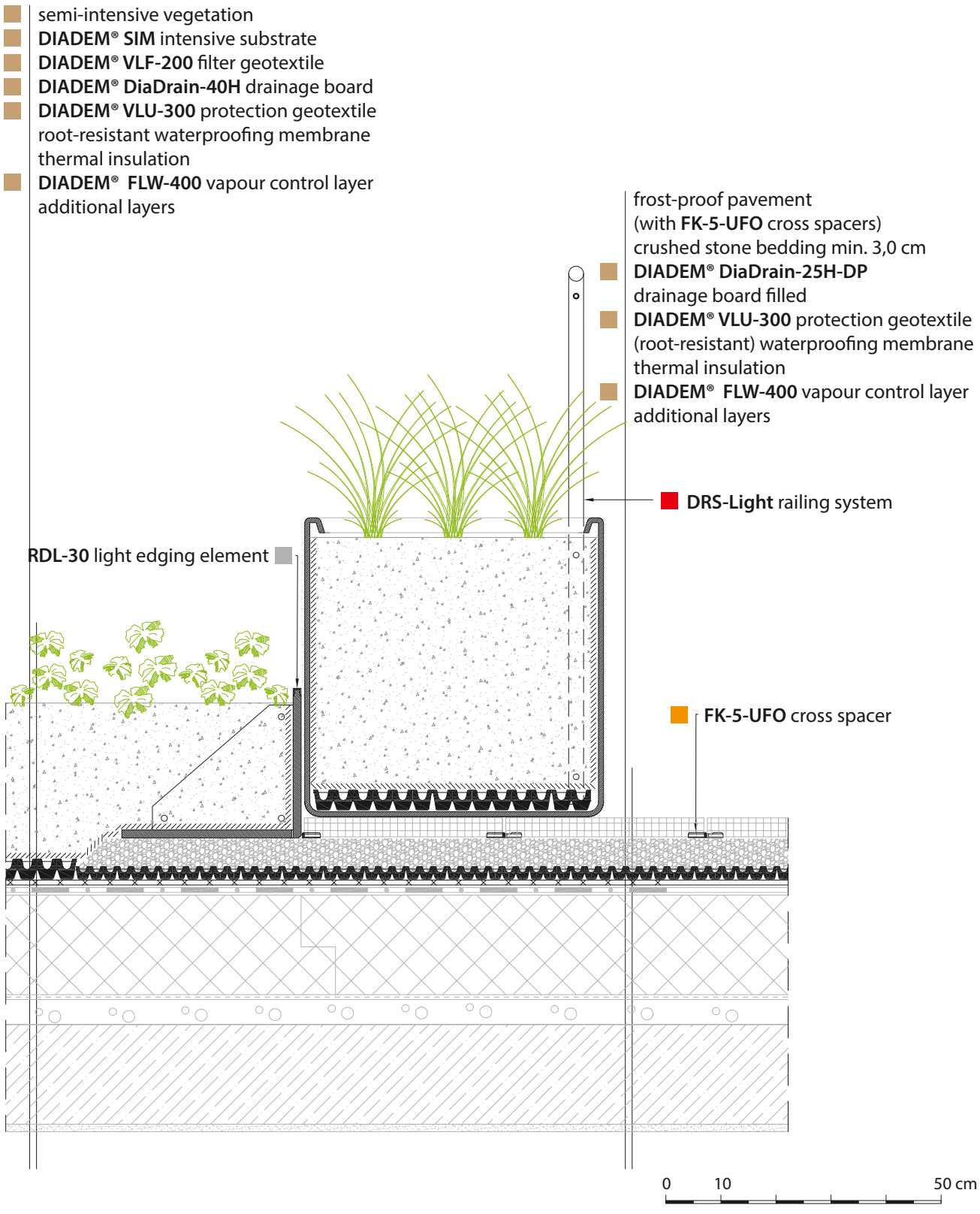
semi-intensive green roof, warm roof

PARAPET WALL CONNECTION

DIADEM® product: BW

date: 2019

drawing number: 350_04



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DIADEM®350

semi-intensive green roof and terrace, warm roof

JUNCTION

DIADEM® product: RDL, DRS Light, FK-5-UFO

date: 2019

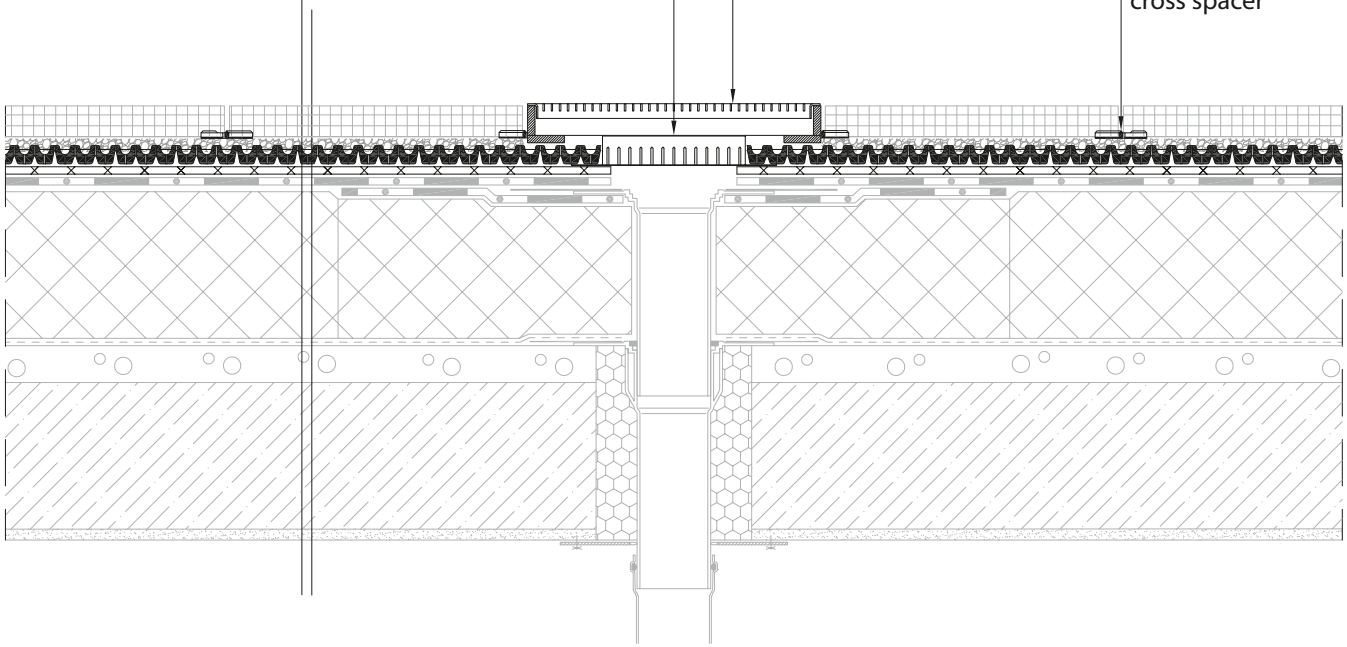
drawing number: 350_05

frost-proof pavement (with **FK-5-UFO** cross spacers)
crushed stone bedding min. 3,0 cm
DIADEM® DiaDrain-25H-DP drainage board filled
DIADEM® VLU-300 protection geotextile
(root-resistant) waterproofing membrane
thermal insulation
DIADEM® FLW-400 vapour control layer
additional layers

TRK-20-AL gravel guard

TRF-40-FF terrace grille

FK-5-UFO
cross spacer



0 10 50 cm

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DIADEM®350

paved terrace, warm roof

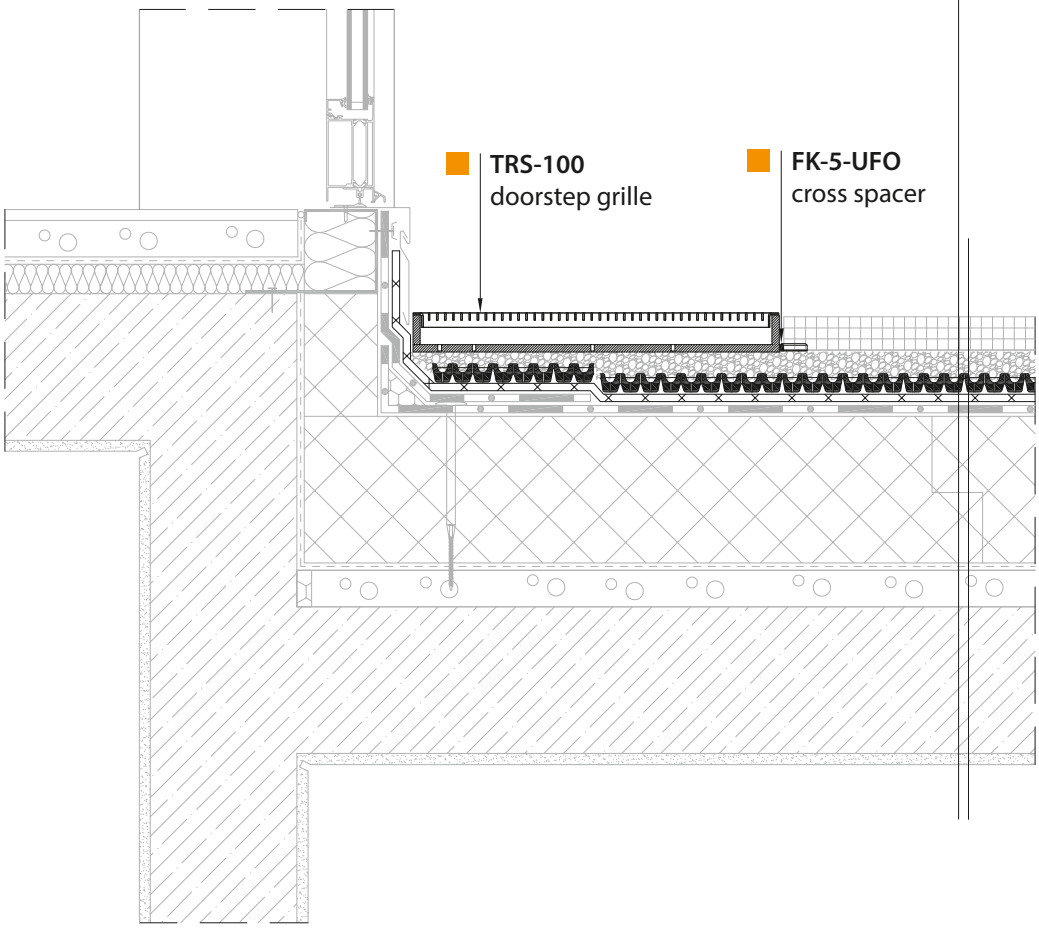
OUTLET IN PAVED ROOF

DIADEM® product: TRF, TRK, FK-5-UFO

date: 2019

drawing number: 350_06

frost-proof pavement (with **FK-5-UFO** cross spacer)
crushed stone bedding min. 3,0 cm
DIADEM® DiaDrain-25H-DP drainage board filled
DIADEM® VLU-300 protection geotextile
(root-resistant) waterproofing membrane
thermal insulation
DIADEM® FLW-400 vapour control layer
additional layers



0 10 50 cm

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DIADEM®350

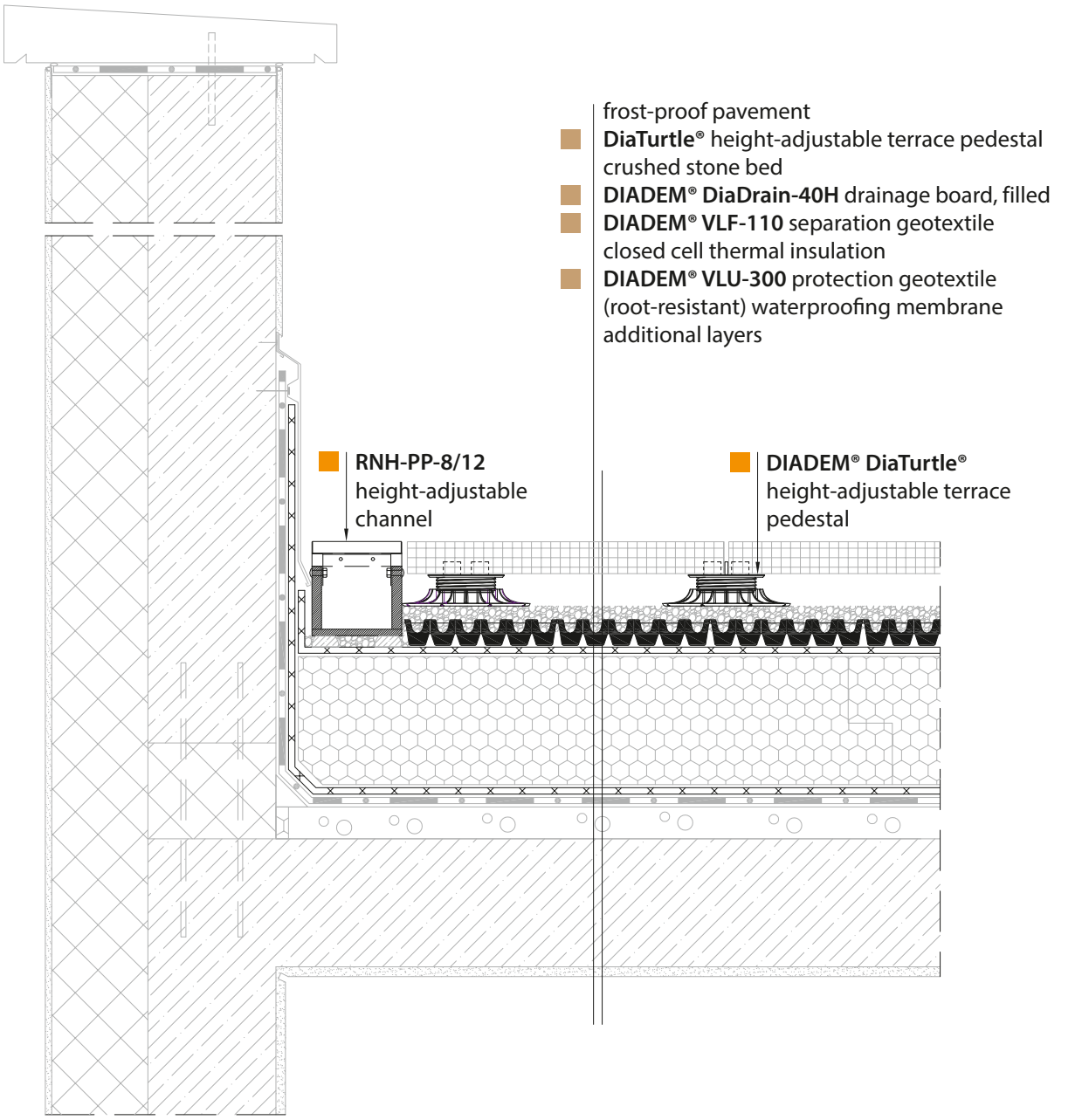
paved terrace, warm roof

TERRACE DOOR CONNECTION

DIADEM® product: TRS, FK-5-UFO

date: 2019

drawing number: 350_07



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DIADEM®350

inverted terrace

PARAPET WALL CONNECTION

DIADEM® product: RNH, DiaTurtle®

date: 2019

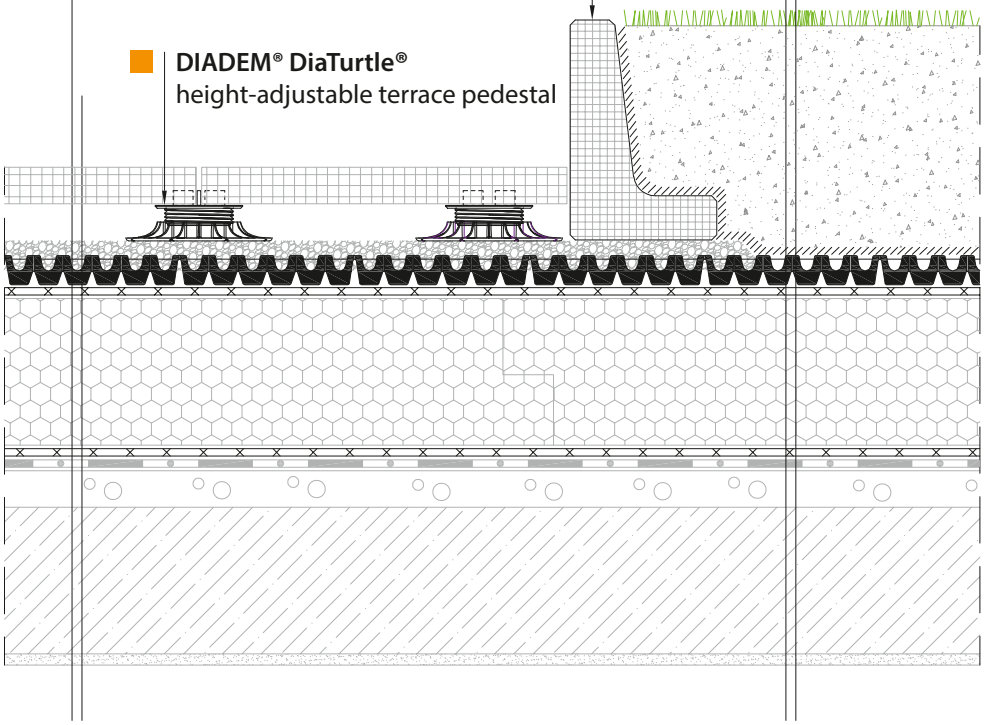
drawing number: 350_08

frost-proof pavement
DIADEM® DiaTurtle® height-adjustable terrace pedestal
crushed stone bedding
DIADEM® DiaDrain-40H drainage board filled
DIADEM® VLF-110 separation geotextile
closed cell thermal insulation
DIADEM® VLU-300 protection geotextile
(root-resistant) waterproofing membrane
additional layers

semi- intensive vegetation (lawn)
DIADEM® SIM intensive substrate
DIADEM® VLF-200 filter geotextile
DIADEM® DiaDrain-40H drainage board filled
DIADEM® VLF-110 separation geotextile
closed cell thermal insulation
DIADEM® VLU-300 protection geotextile
root-resistant waterproofing membrane
additional layers

BW-30 concrete edge kerb

DIADEM® DiaTurtle® height-adjustable terrace pedestal



0 10 50 cm

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DIADEM®350

semi-intensive green roof and terrace, inverted roof

JUNCTION

DIADEM® product: BW, DiaTurtle®

date: 2019

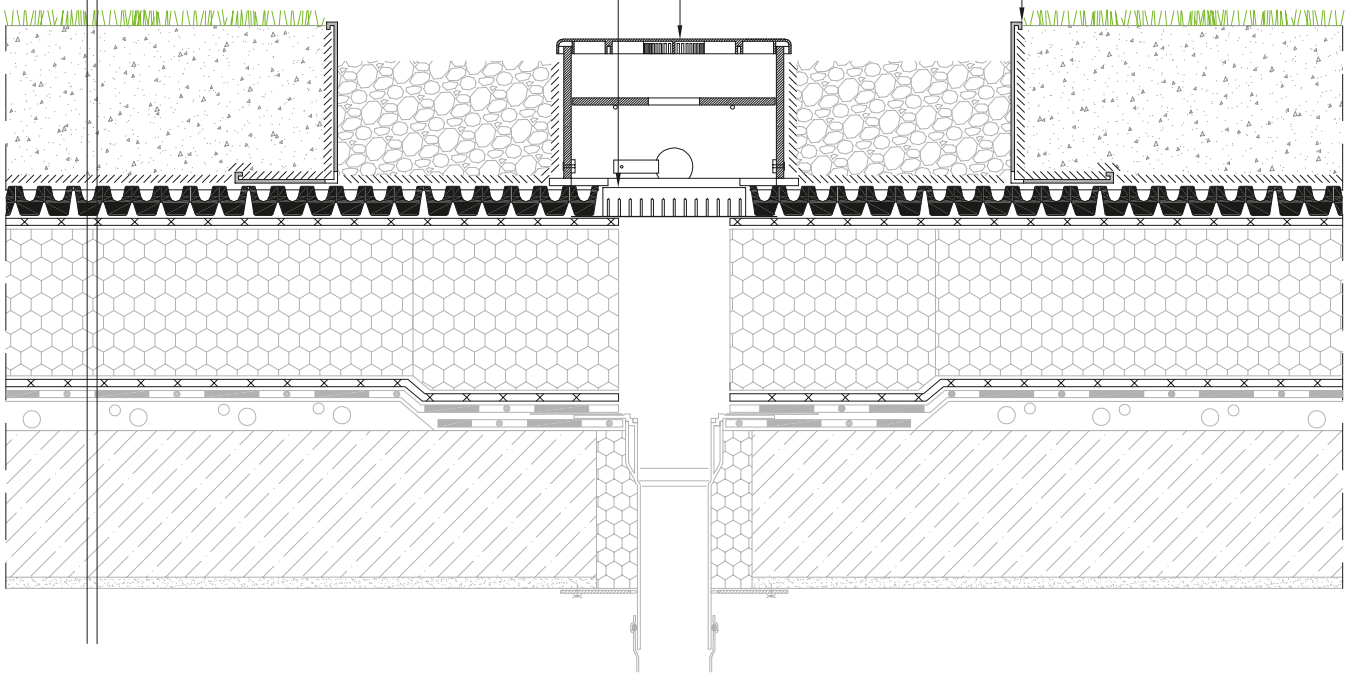
drawing number: 350_09

semi-intensive vegetation (lawn)
DIADEM® SIM intensive substrate
DIADEM® VLF-200 filter geotextile
DIADEM® DiaDrain-40H drainage board
DIADEM® VLF-110 separation geotextile
closed cell thermal insulation
DIADEM® VLU-300 protection geotextile
root-resistant waterproofing membrane
additional layers

TRK-20-AL gravel guard

KSE-20 inspection box

KLS-AL-14/22-TK
gravel board



0 10 50 cm

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DIADEM®350

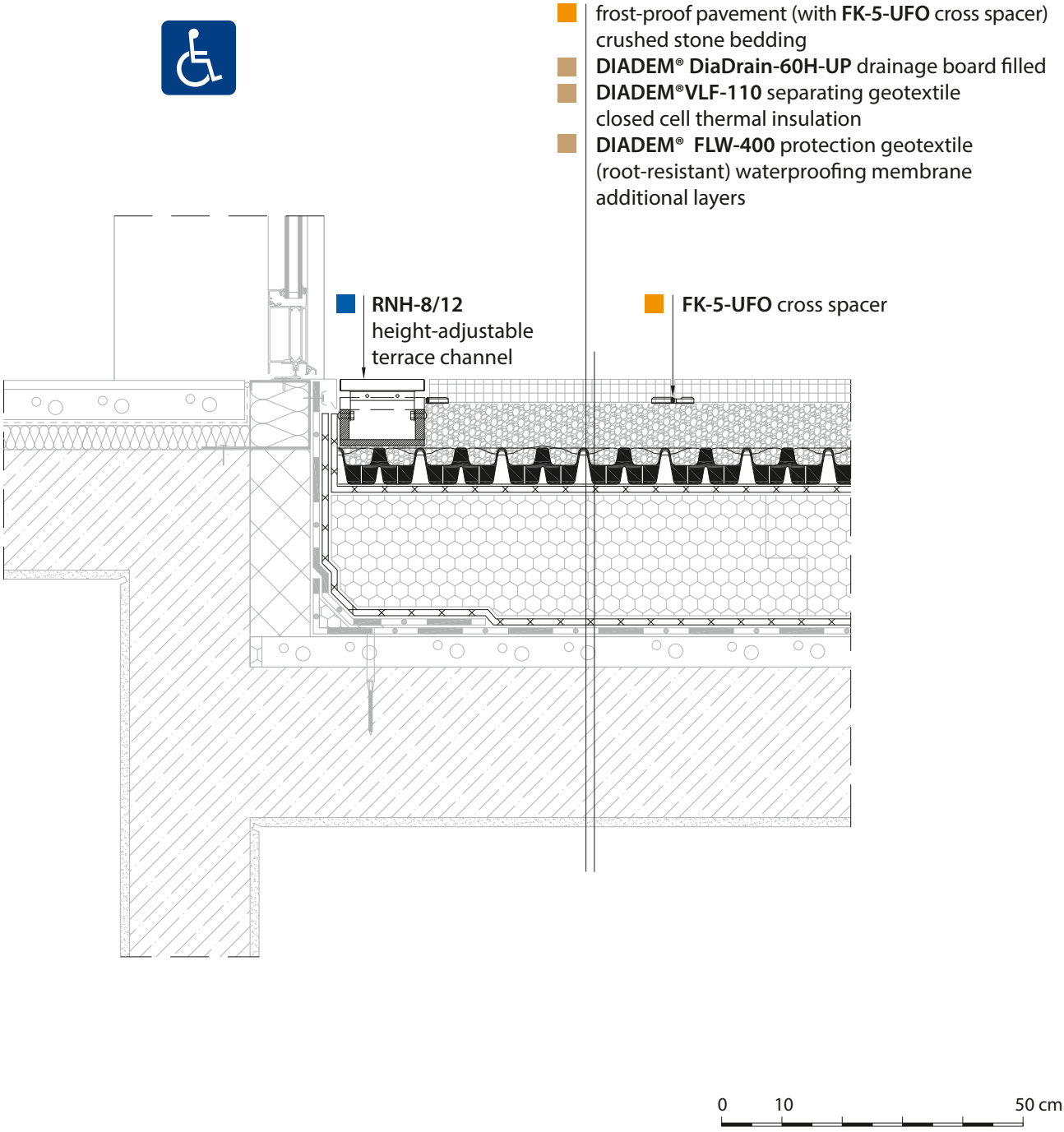
semi-intensive green roof, inverted roof

OUTLET IN GREEN ROOF

DIADEM® product: KSE, KLS, TRK

date: 2019

drawing number:
350_10



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DIADEM®750

paved terrace, inverted roof

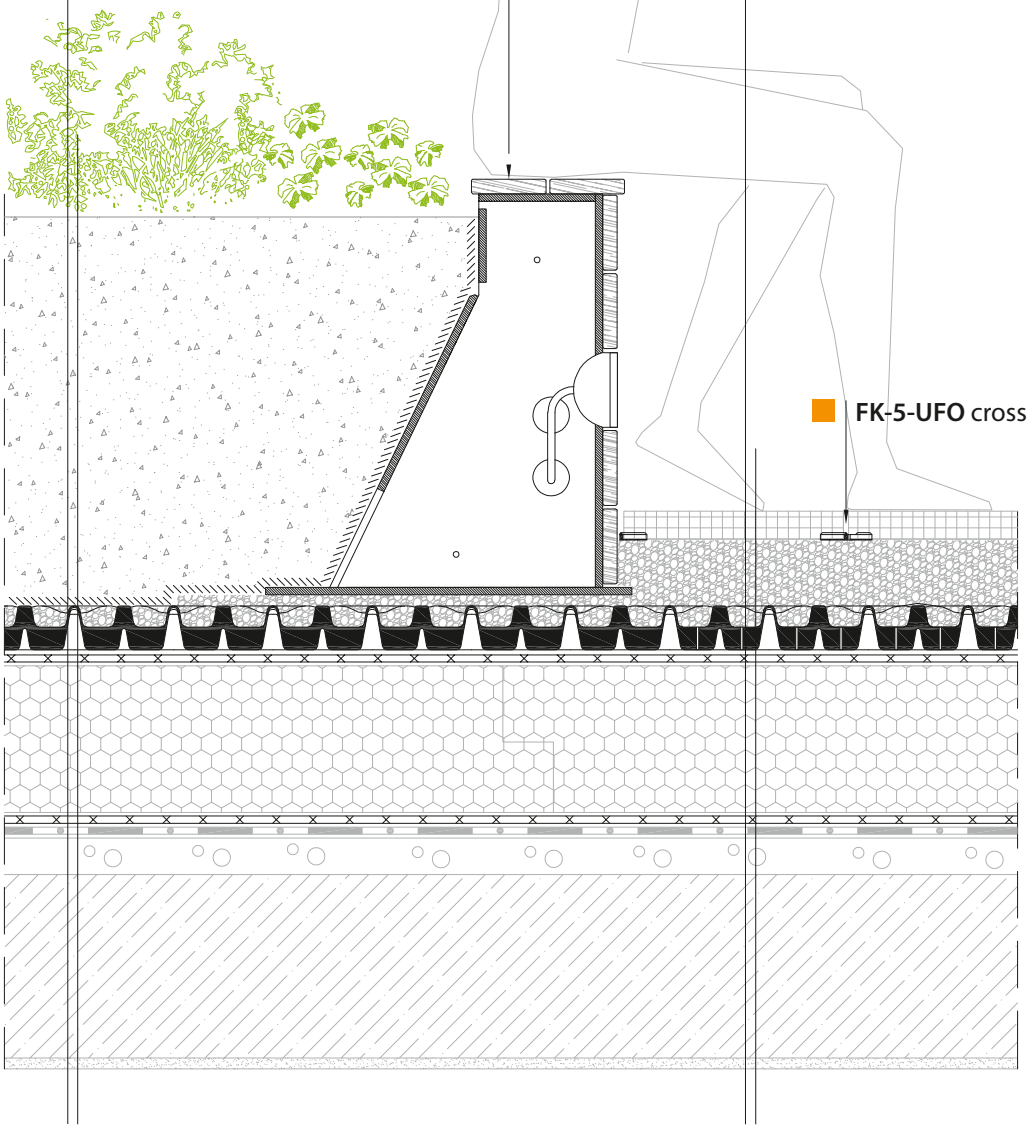
TERRACE DOOR CONNECTION FOR DISABLED

DIADEM® product: RNH, FK-5-UFO

date: 2019

drawing number: 750_01

- intensive vegetation
- **DIADEM® SIM** intensive substrate
- **DIADEM® VLF-200** filter geotextile
- **DIADEM® DiaDrain-60H** drainage board filled
- **DIADEM® VLF-110** separation geotextile
- closed cell thermal insulation
- **DIADEM® VLU-500** protection geotextile
- root-resistant waterproofing membrane
- additional layers
- **RDA-567** light edging element
- frost-proof pavement (with **FK-5-UFO** cross spacers)
- crushed stone bedding
- **DIADEM® DiaDrain-60H-UP** drainage board filled
- **DIADEM® VLF-110** separation geotextile
- closed cell thermal insulation
- **DIADEM® VLU-500** protection geotextile
- (root-resistant) waterproofing membrane
- additional layers
- **FK-5-UFO** cross spacer



0 10 50 cm

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DIADEM®750

intensive green roof and terrace, inverted roof

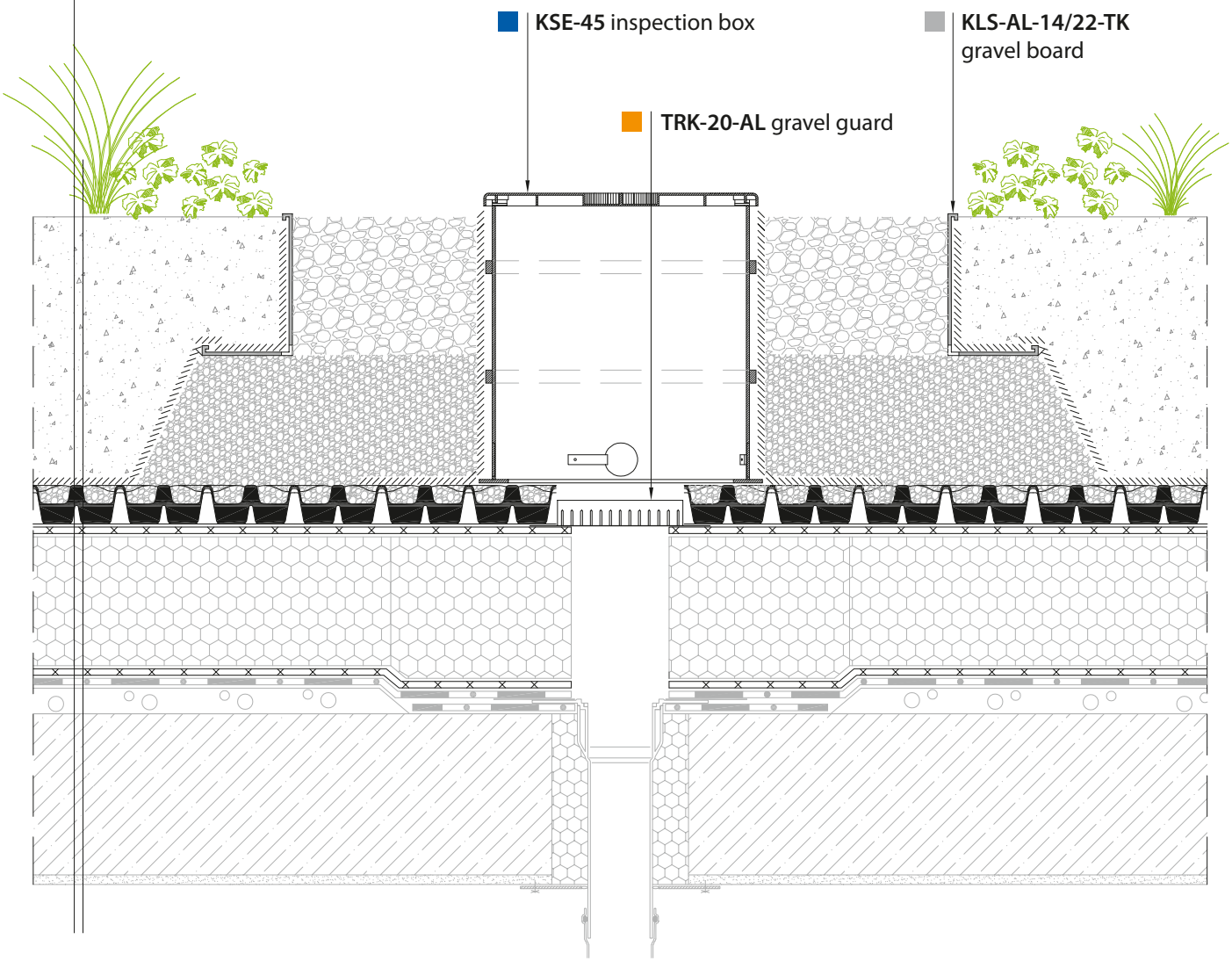
JUNCTION

DIADEM® product: RDA, FK-5-UFO

date: 2019

drawing number: 750_02

intensive vegetation
DIADEM® SIM intensive substrate
DIADEM® VLF-200 filter geotextile
DIADEM® DiaDrain-60H drainage board
DIADEM® VLF-110 separation geotextile
closed cell thermal insulation
DIADEM® VLU-500 protection geotextile
root-resistant waterproofing membrane
additional layers



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DIADEM®750

intensive green roof, inverted roof

OUTLET IN GREEN ROOF

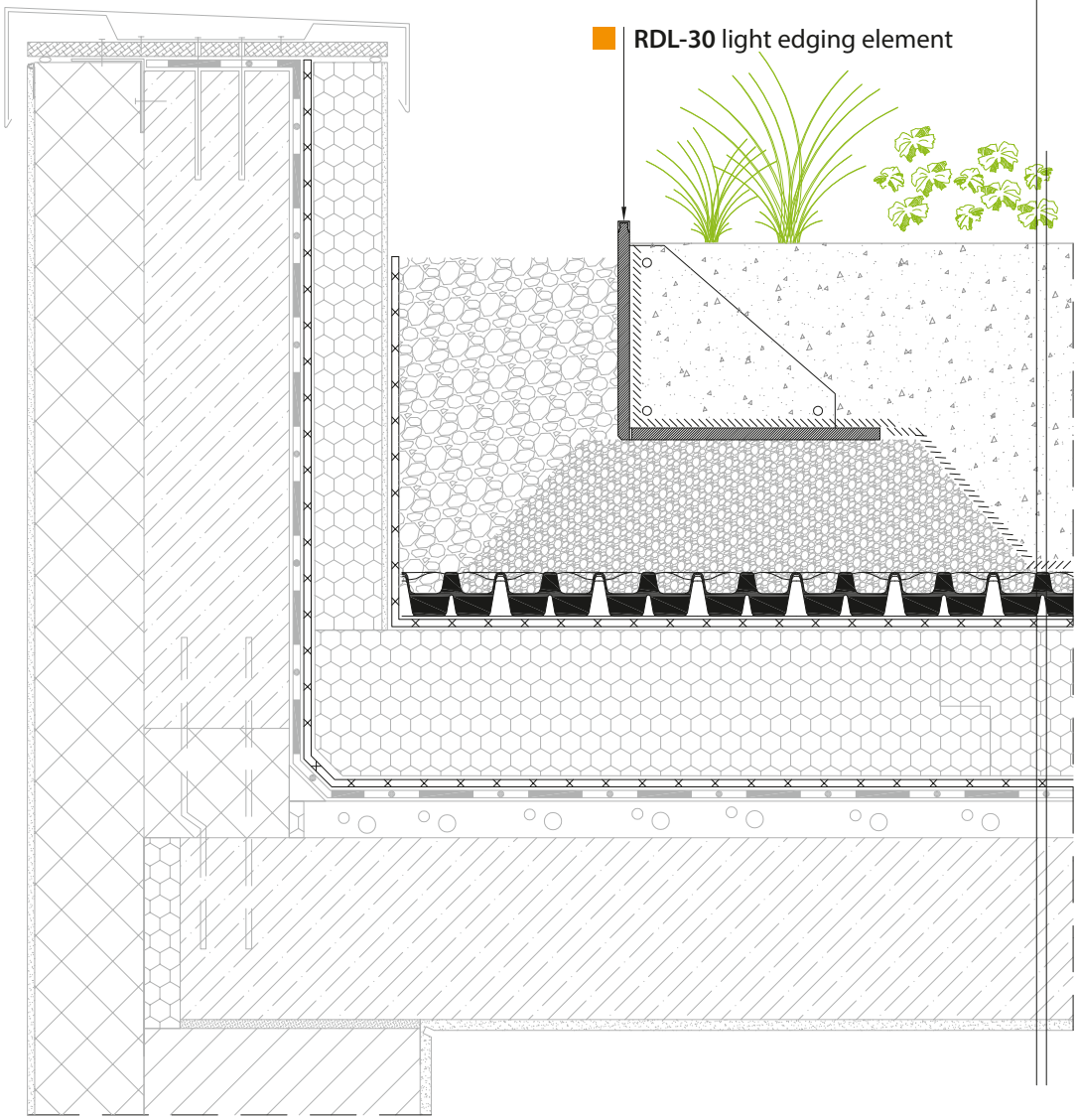
DIADEM® product: KSR, KLS, TRK

date: 2019

drawing number: 750_03

intensive vegetation
DIADEM® SIM intensive substrate
DIADEM® VLF-200 filter geotextile
DIADEM® DiaDrain-60H drainage board
DIADEM® VLF-110 separation geotextile
closed cell thermal insulation
DIADEM® VLU-500 protection geotextile
root-resistant waterproofing membrane
additional layers

RDL-30 light edging element



0 10 50 cm

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DIADEM®750

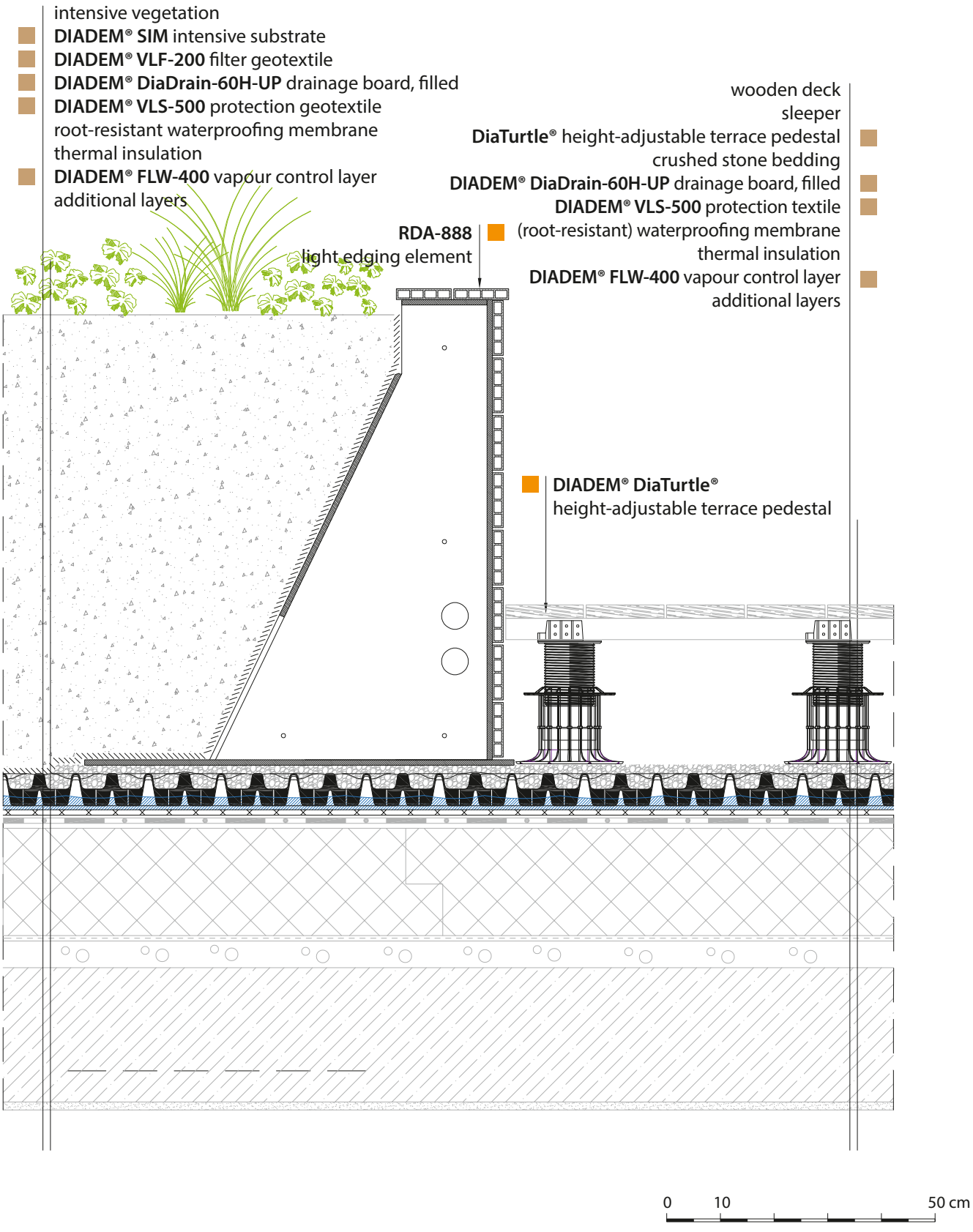
intensive green roof, inverted roof

PARAPET WALL CONNECTION

DIADEM® product: RDL

date: 2019

drawing number: 750_04



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DIADEM®750

conventional layer structure, flooding intensive green roof and terrace

JUNCTION

DIADEM® product: RDA, DiaTurtle®

date: 2019

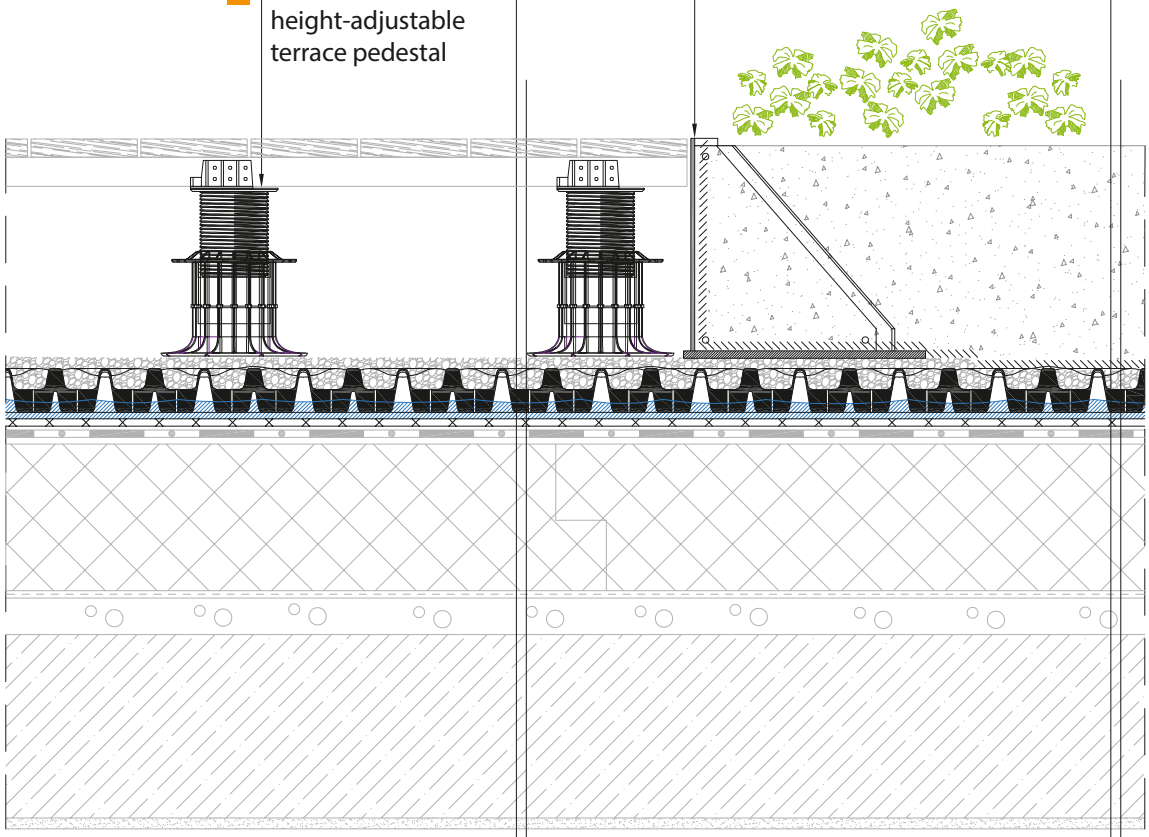
drawing number: 750_05

wooden deck
sleeper
DIADEM® DiaTurtle® height-adjustable terrace pedestal
crushed stone bedding
DIADEM® DiaDrain-60H-UP drainage board filled
DIADEM® VLS-500 protection geotextile
(root-resistant) waterproofing membrane
thermal insulation
DIADEM® FLW-400 vapour control layer
additional layers

intensive vegetation
DIADEM® SIM intensive substrate
DIADEM® VLF-200 filter geotextile
DIADEM® DiaDrain-60H-UP drainage board filled
DIADEM® VLS-500 protection geotextile
root-resistant waterproofing membrane
thermal insulation
DIADEM® FLW-400 vapour control layer
additional layers

DIADEM® DiaTurtle® height-adjustable terrace pedestal

RDB-30 curved edge element



0 10 50 cm

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DIADEM®750

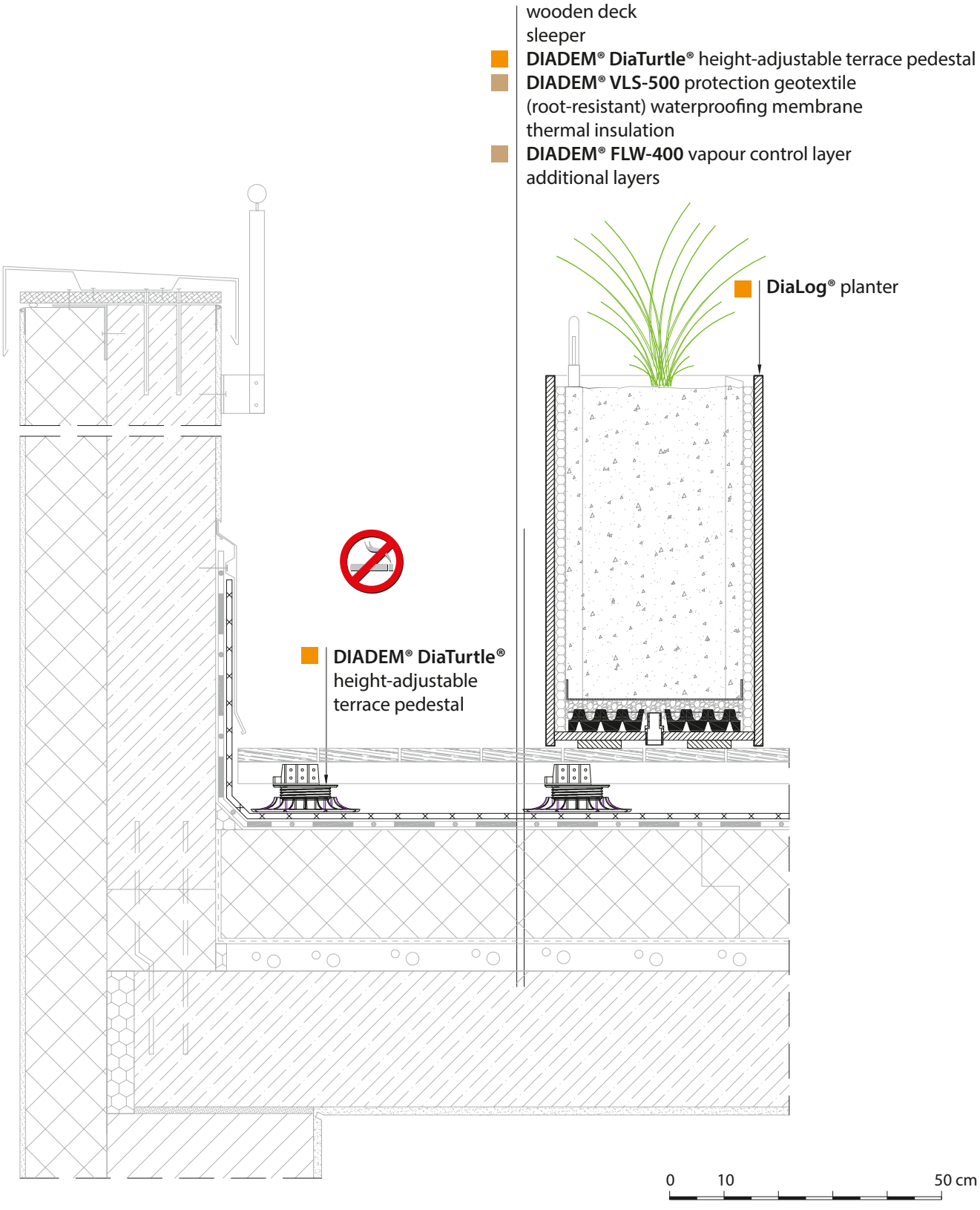
flooded, intensive green roof, warm roof

JUNCTION

DIADEM® product: RDB, DiaTurtle®

date: 2019

drawing number: 750_06



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DIADEM®750

non-smoking terrace, warm roof

PARAPET WALL CONNECTION

DIADEM® product: DiaTurtle®, DiaLog®

date: 2019

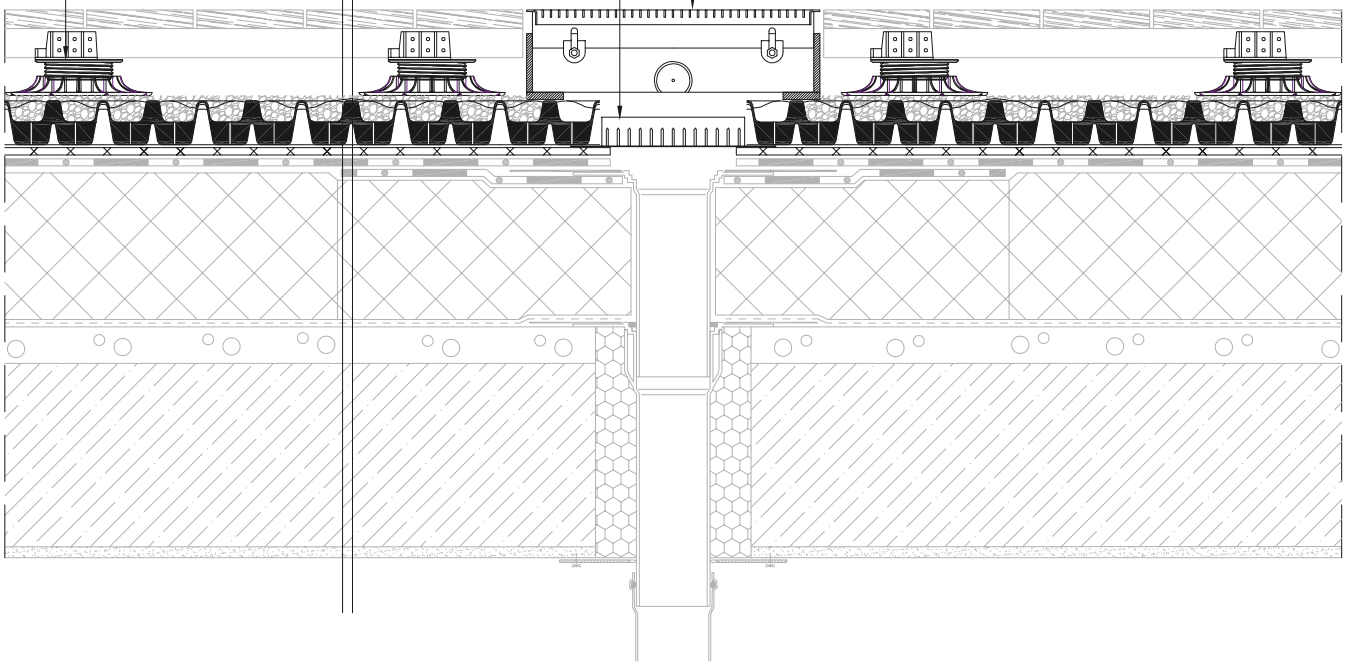
drawing number: 750_07

wooden deck
sleeper
DIADEM® DiaTurtle® height-adjustable terrace pedestal
crushed stone bedding
DIADEM® DiaDrain-60H-UP drainage board, filled
DIADEM® VLS-500 protection textile
(root-resistant) waterproofing membrane
thermal insulation
DIADEM® FLW-400 vapour control layer
additional layers

TRK-20-AL gravel guard

DIADEM® DiaTurtle® height-adjustable terrace pedestal

TRH-40
height-adjustable terrace grill



0 10 50 cm

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DIADEM®750

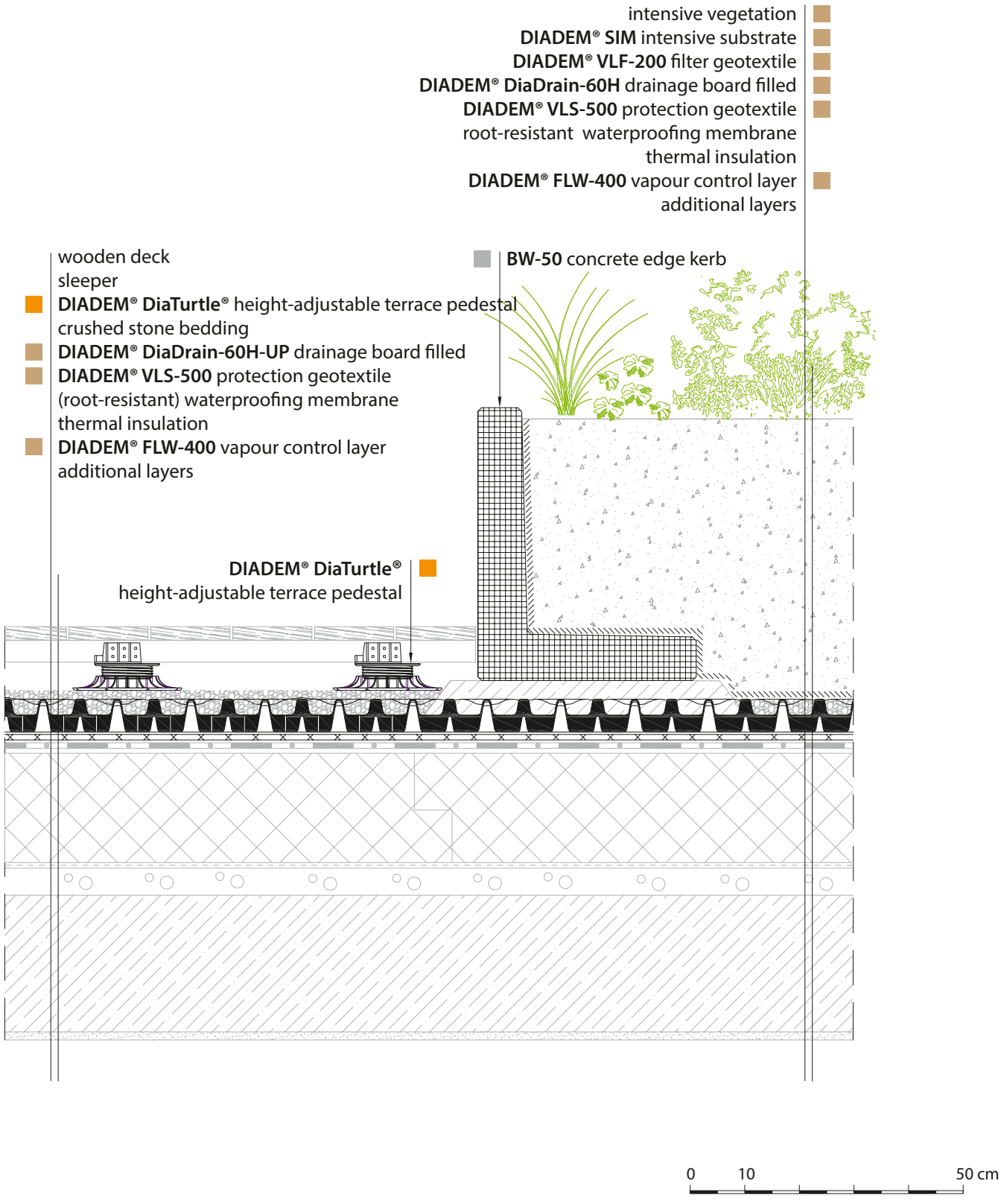
terrace deck, warm roof

OUTLET IN PAVED ROOF

DIADEM® product: TRH, TRK, DiaTurtle®

date: 2019

drawing number: 750_08



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DIADEM®750

intensive green roof and terrace, warm roof

JUNCTION

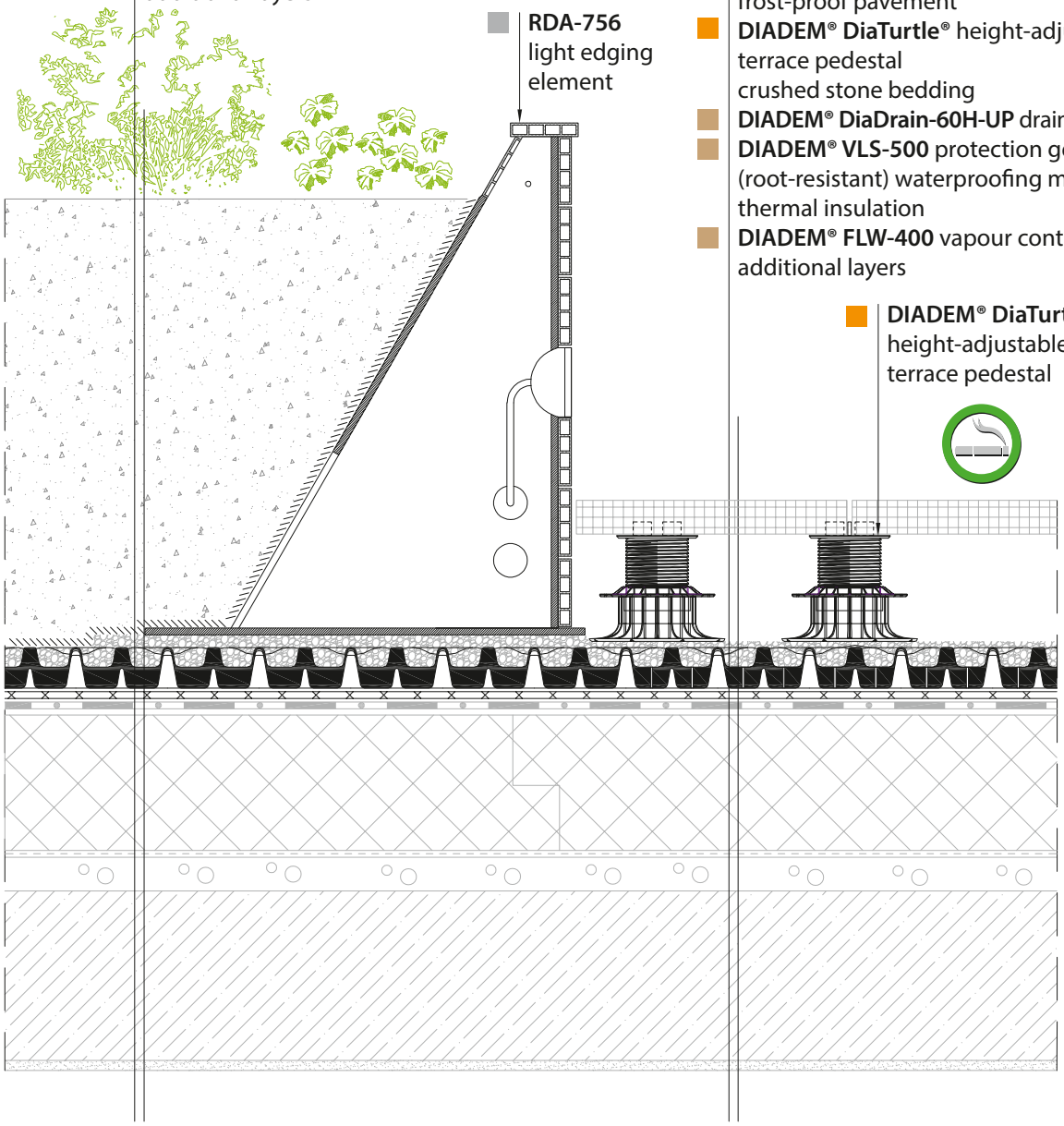
DIADEM® product: BW, DiaTurtle®

date: 2019

drawing number: 750_09

intensive vegetation
DIADEM® SIM intensive substrate
DIADEM® VLF-200 filter geotextile
DIADEM® DiaDrain-60H drainage board filled
DIADEM® VLS-500 protection geotextile
root-resistant waterproofing membrane
thermal insulation
DIADEM® FLW-400 vapour control layer
additional layers

RDA-756
light edging
element



frost-proof pavement
DIADEM® DiaTurtle® height-adjustable
terrace pedestal
crushed stone bedding
DIADEM® DiaDrain-60H-UP drainage board filled
DIADEM® VLS-500 protection geotextile
(root-resistant) waterproofing membrane
thermal insulation
DIADEM® FLW-400 vapour control layer
additional layers

DIADEM® DiaTurtle®
height-adjustable
terrace pedestal

0 10 50 cm

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DIADEM®750

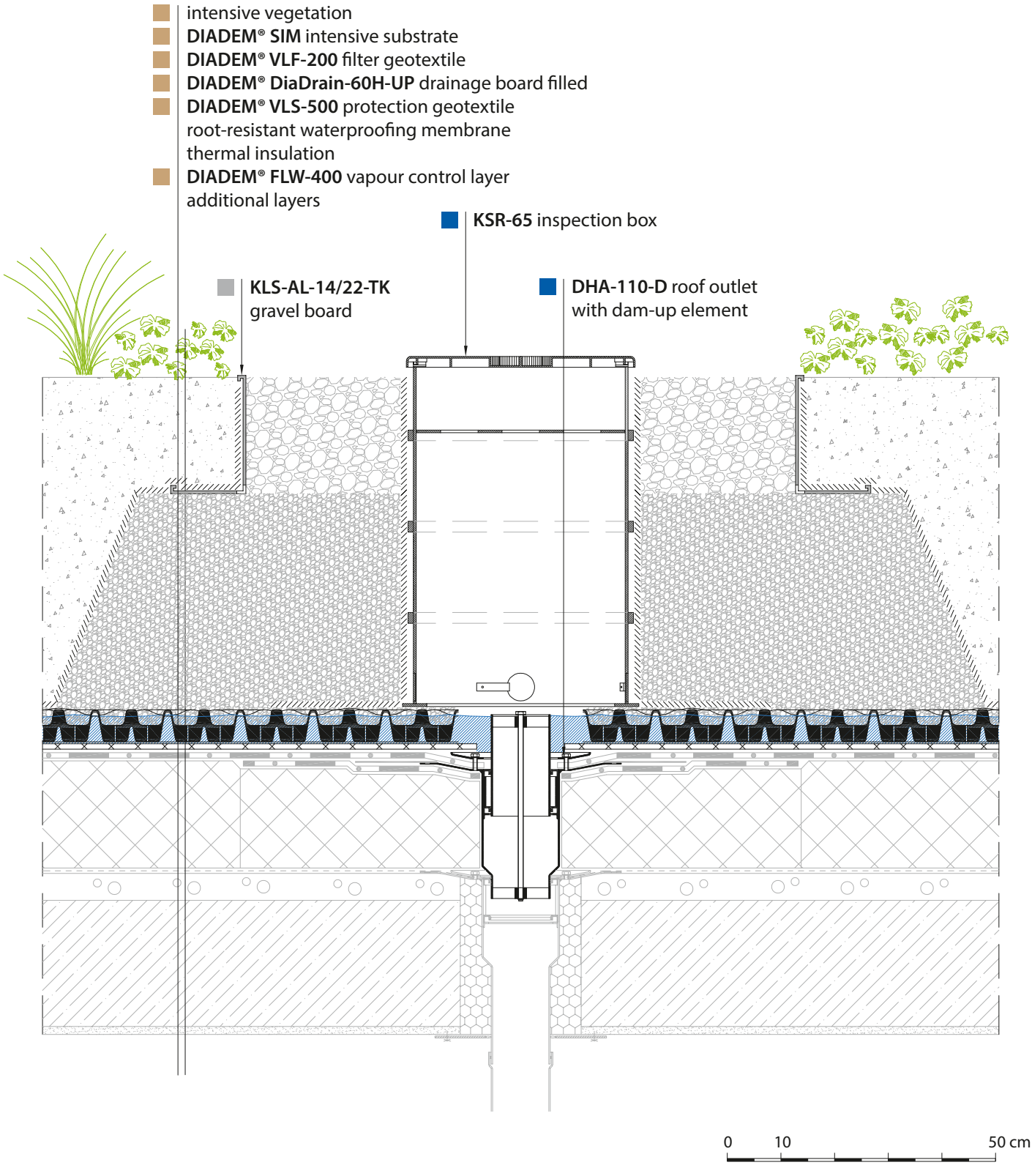
intensive green roof and terrace, warm roof

JUNCTION

DIADEM® product: RDA, DiaTurtle®

date: 2019

drawing number:
750_10



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DIADEM®750

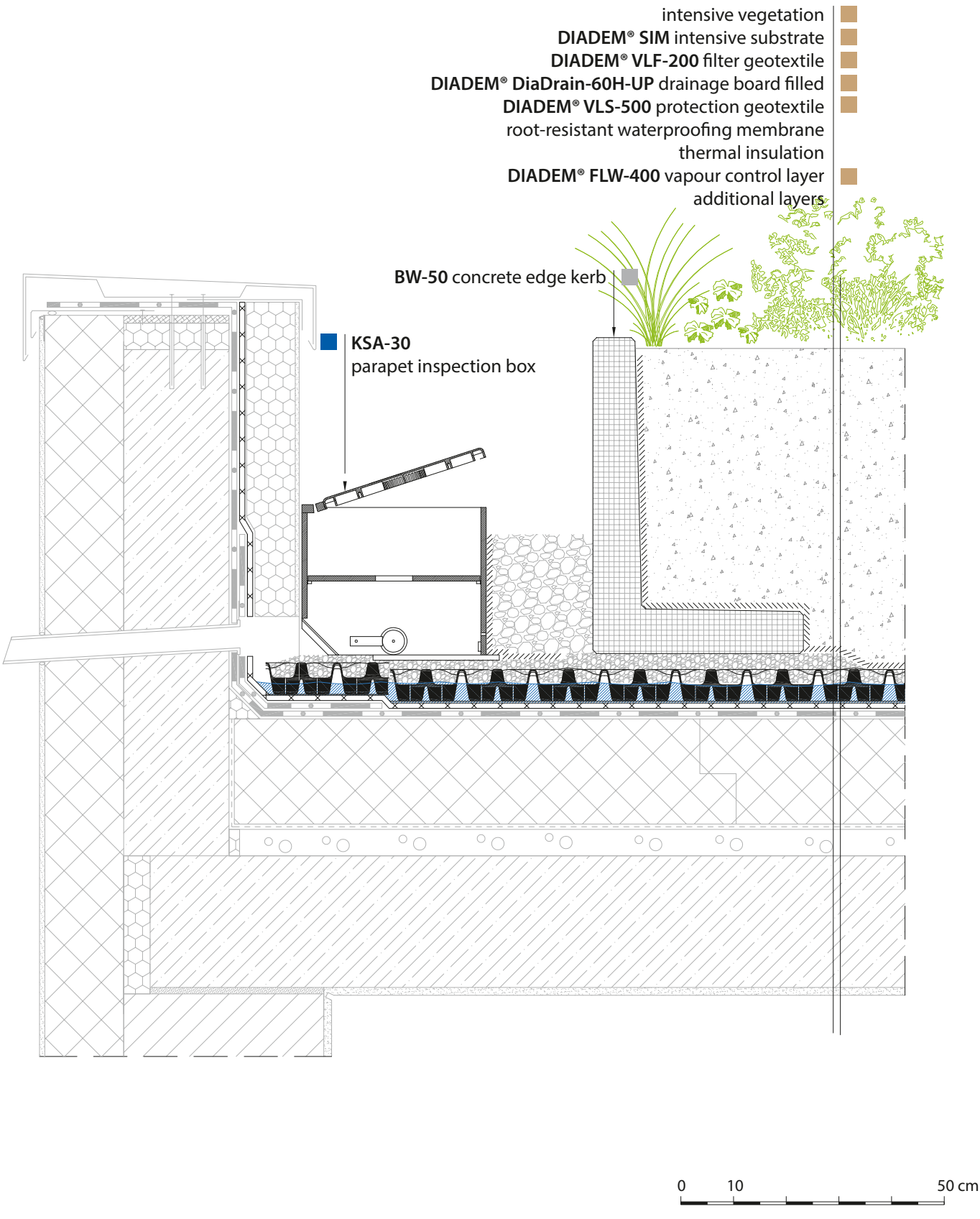
flooded, intensive green roof, warm roof

OUTLET IN GREEN ROOF

DIADEM® product: KSR, DHA, KLS

date: 2019

drawing number: 750_11



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DIADEM®750

flooded, intensive green roof, warm roof

OUTLET AT PARAPET WALL

DIADEM® product: KSA, BW

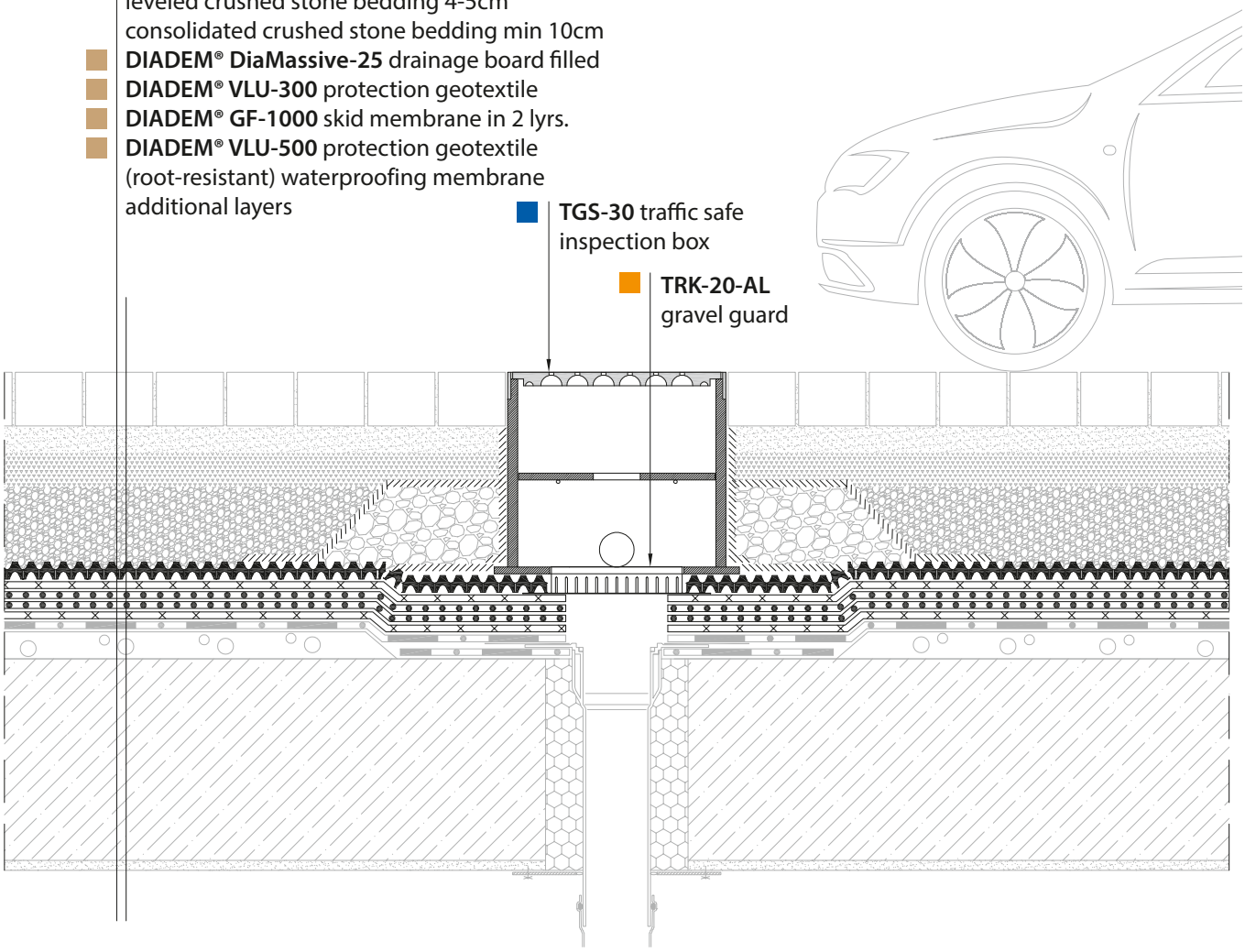
date: 2019

drawing number: 750_12

cubble stone pavement
bedding layer min. 4cm
leveled crushed stone bedding 4-5cm
consolidated crushed stone bedding min 10cm
DIADEM® DiaMassive-25 drainage board filled
DIADEM® VLU-300 protection geotextile
DIADEM® GF-1000 skid membrane in 2 lyrs.
DIADEM® VLU-500 protection geotextile
(root-resistant) waterproofing membrane
additional layers

TGS-30 traffic safe inspection box

TRK-20-AL gravel guard



0 10 50 cm

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DIADEM®1200

paved roof for light vehicle traffic

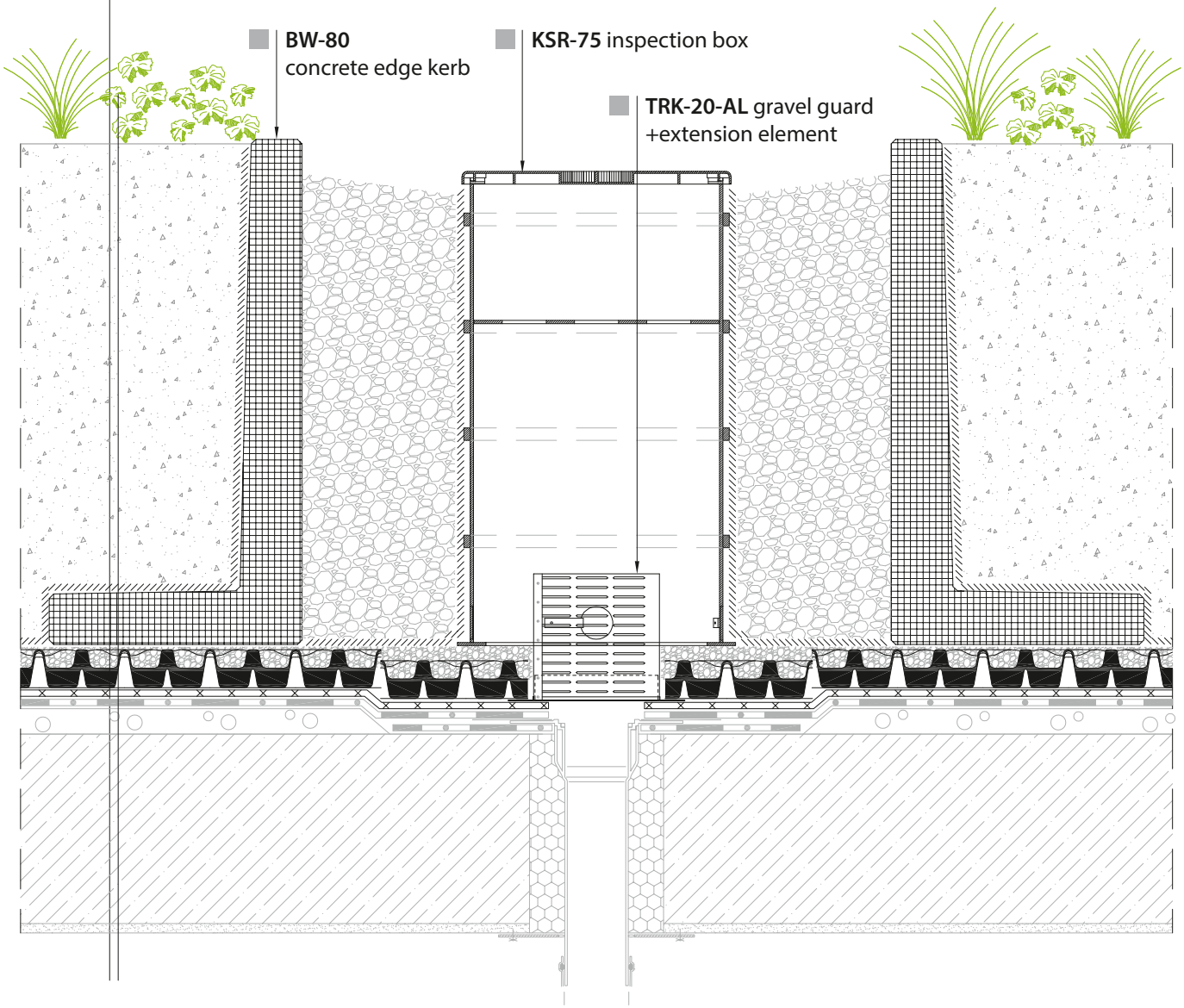
OUTLET IN PAVED ROOF

DIADEM® product: TGS, TRK

date: 2019

drawing number: 1200_01

Intensive vegetation
DIADEM® SIM intensive substrate
DIADEM® VLF-200 filter textile
DIADEM® DiaDrain-60H drainage board, filled
DIADEM® VLU-500 protection textile
root-resistant waterproofing membrane
additional layers



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DIADEM®1200

robust intensive green roof, warm roof

OUTLET IN GREEN ROOF

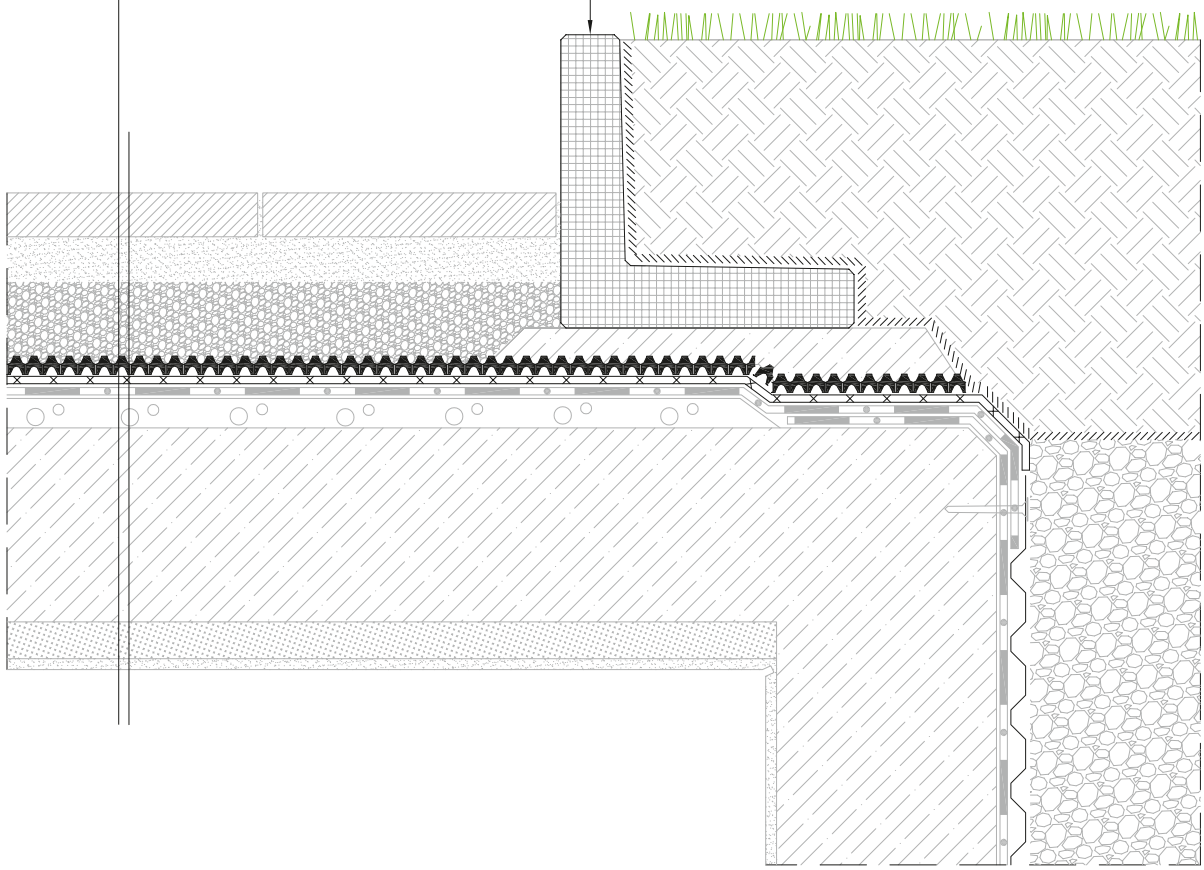
DIADEM® product: KSR, BW, TRK

date: 2019

drawing number: 1200_02

frost-proof concrete tiles
bedding layer min. 4cm
crushed stone bedding min. 10cm
DIADEM® DiaMassive-25 drainage board filled
DIADEM® VLU-500 protection geotextile
(root-resistant) waterproofing membrane
additional layers

BW-40 concrete edge kerb



0 10 50 cm

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DIADEM®1200

paved roof for pedestrian traffic

GARDEN CONNECTION

DIADEM® product: BW

date: 2019

drawing number: 1200_03