



PRINCIPE DETAILS

Woningbouwconcept MorgenWonen 2.0

Architect:

4D architecten
Postbus 95 7468 ZH Enter
tel: 0547-383280
email: enter@4Darchitecten.nl

Status:

Definitief

Getekend:

FL /RV

Gecontroleerd:

MVL

Schaal:

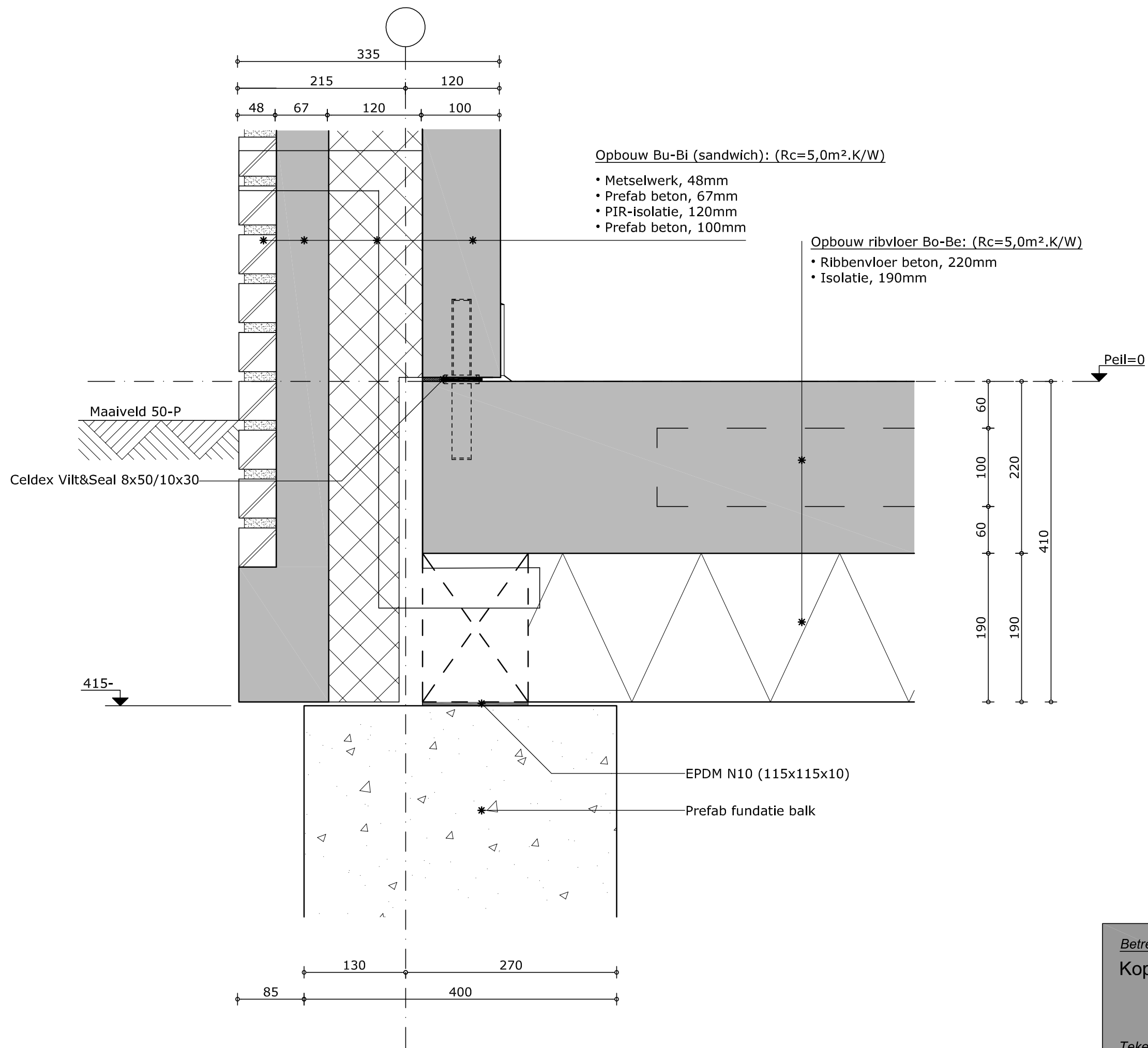
1:5/ 1:10

Datum:

17 -6-2024

Gewijzigd:

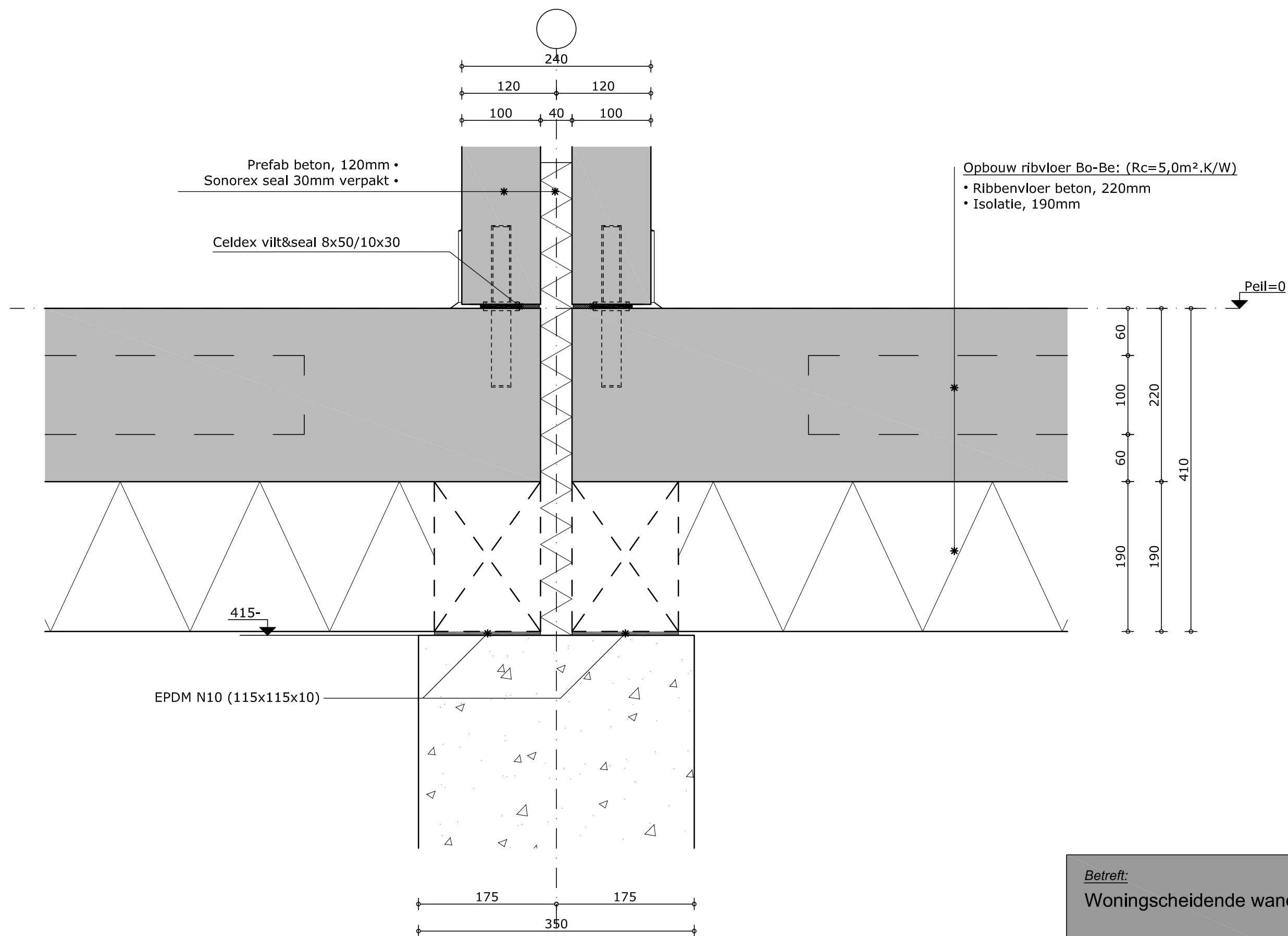
Wijz.:	Datum:
--------	--------



Betreft:
Kopgevel bgg

Tekeningnummer:

(16)-01

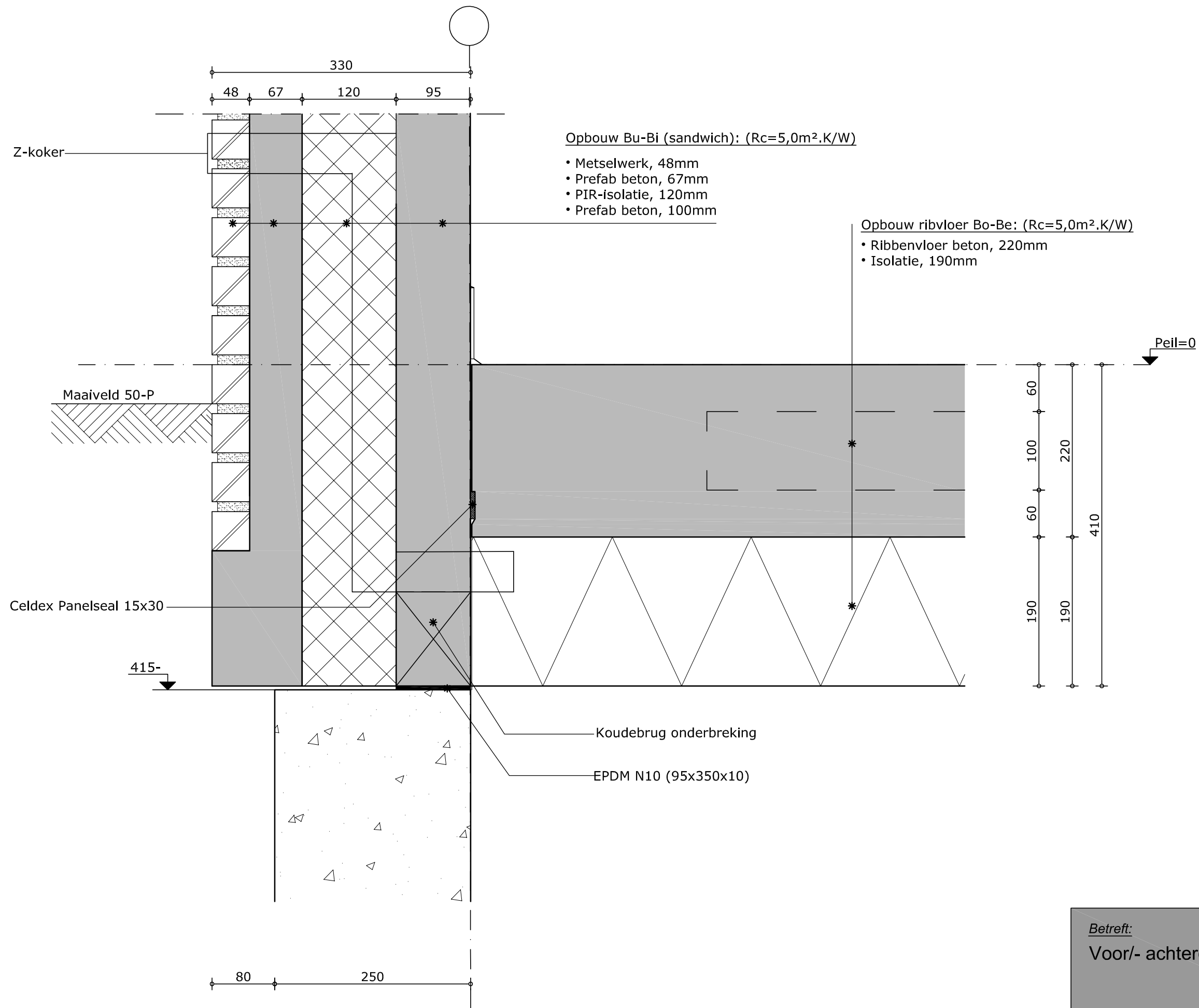


Totaal:
WBDBO 60 minuten!

Betreft:
Woningscheidende wand bgg

Tekeningnummer:

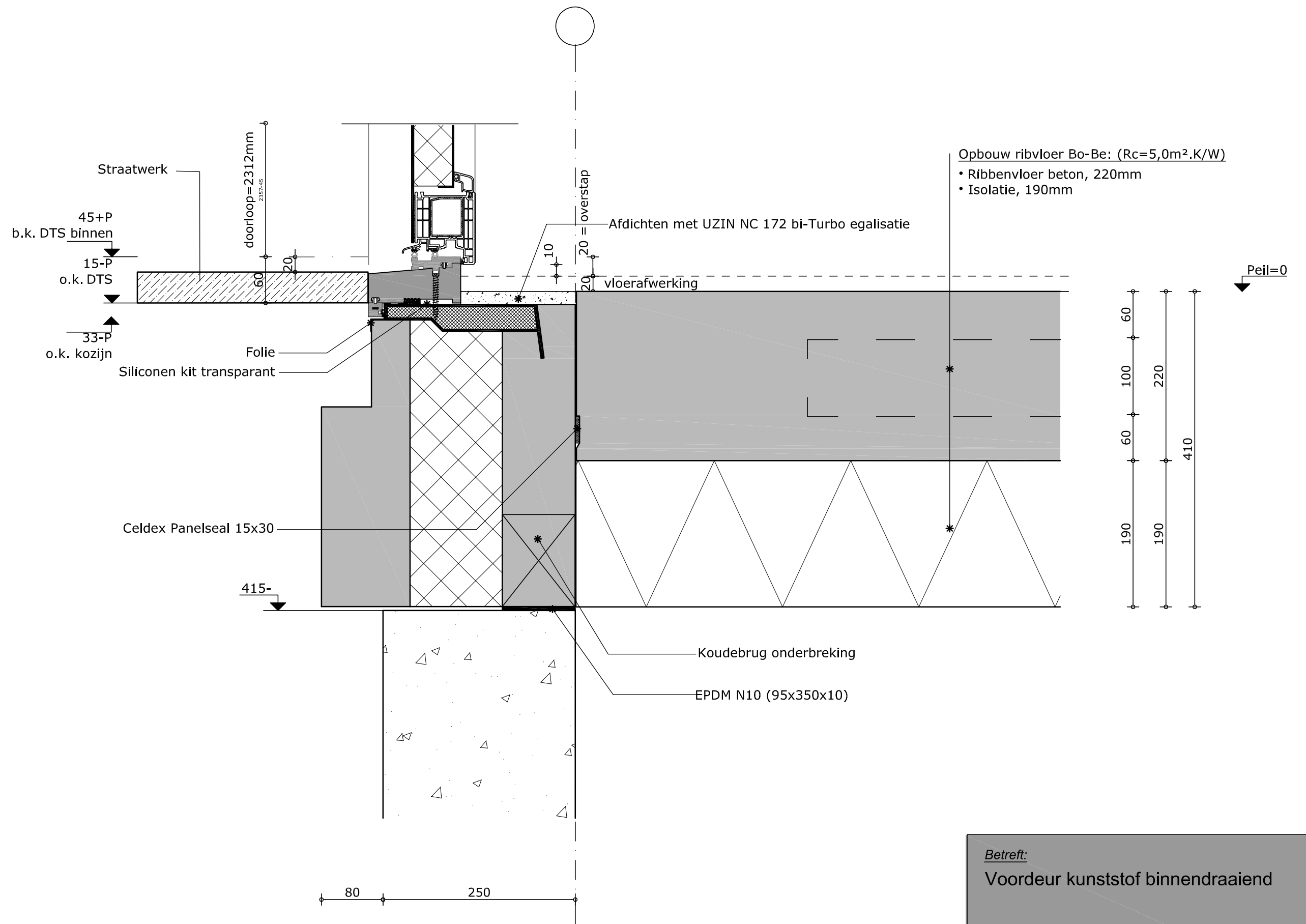
(16)-02



Betreft:
Voor/- achtergevel bgg

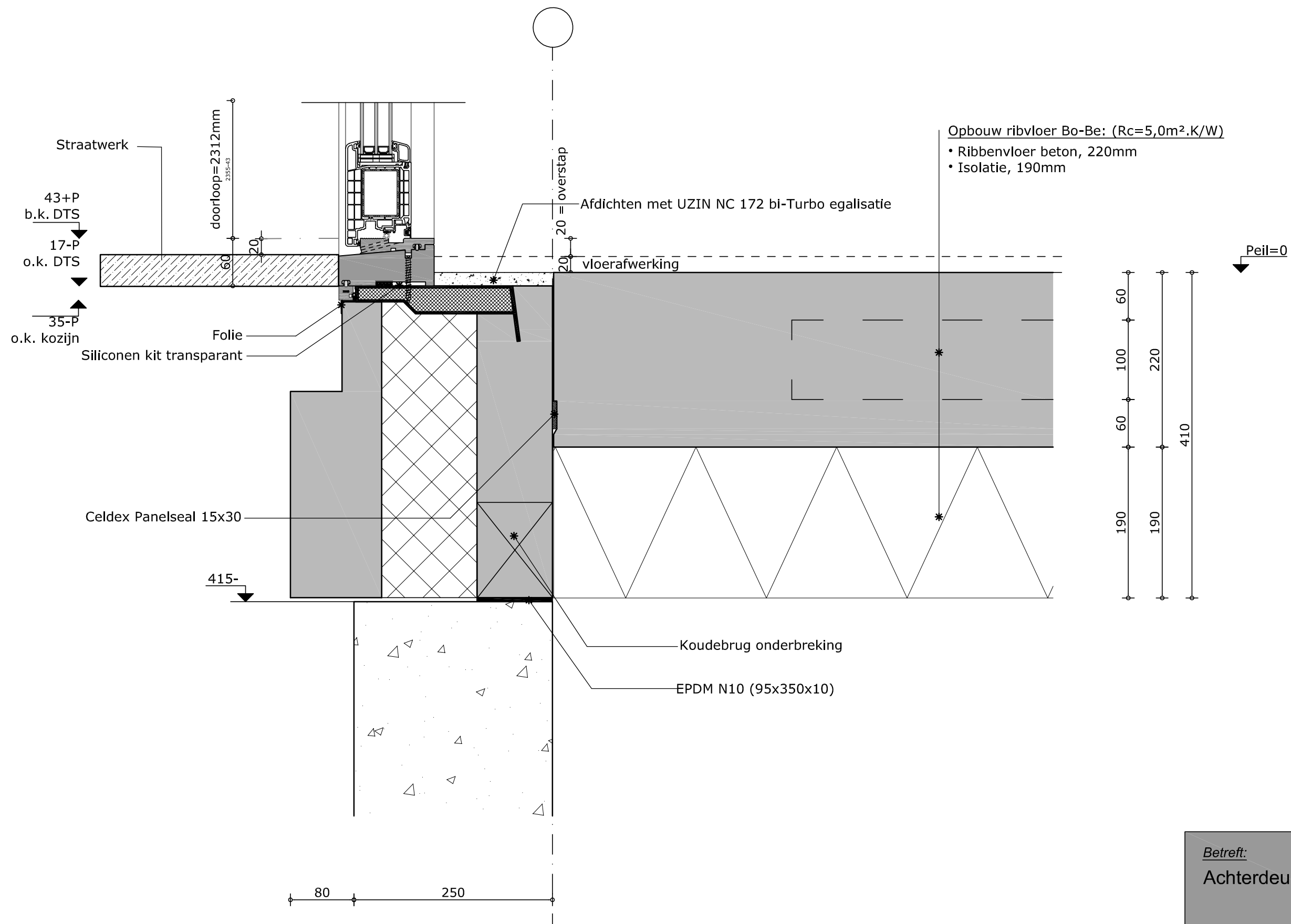
Tekeningnummer:

(16)-03



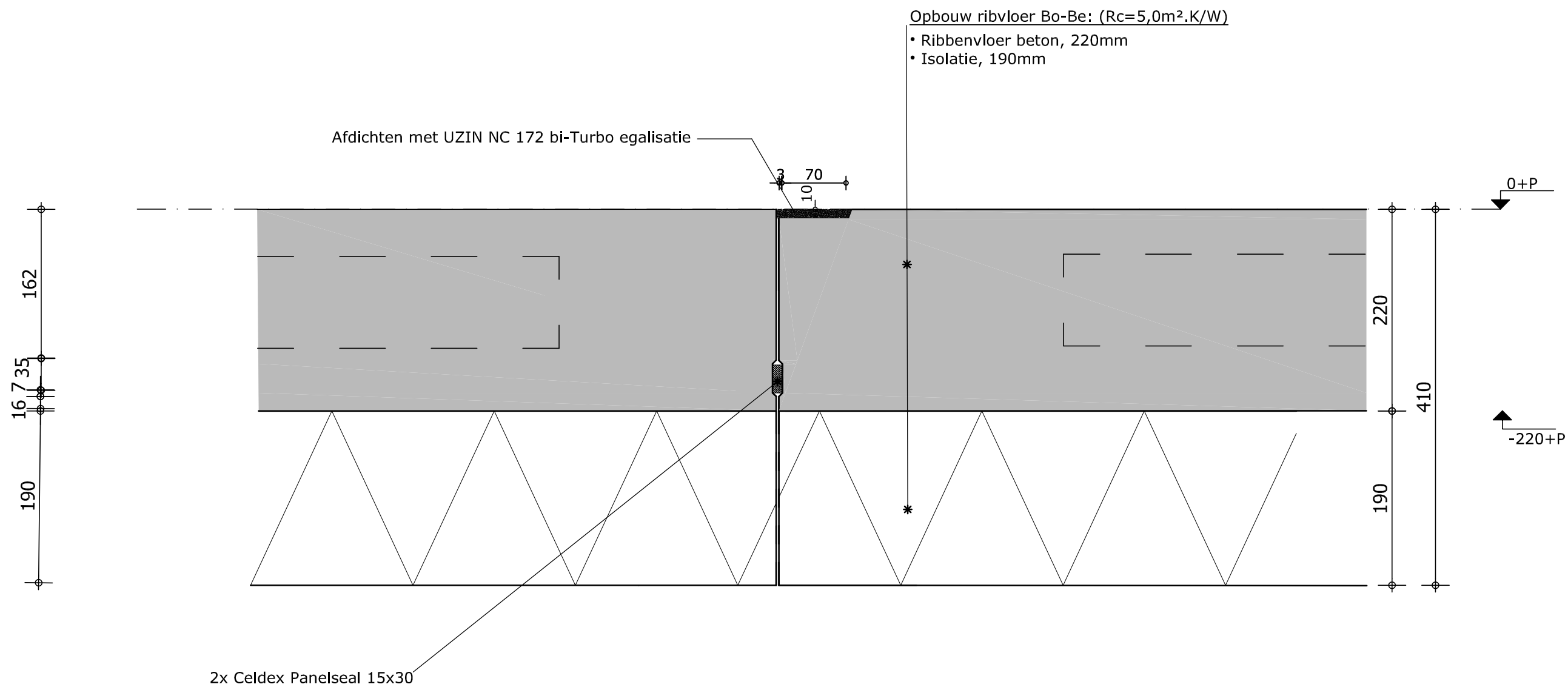
Betreft:
Voordeur kunststof binnendraaiend

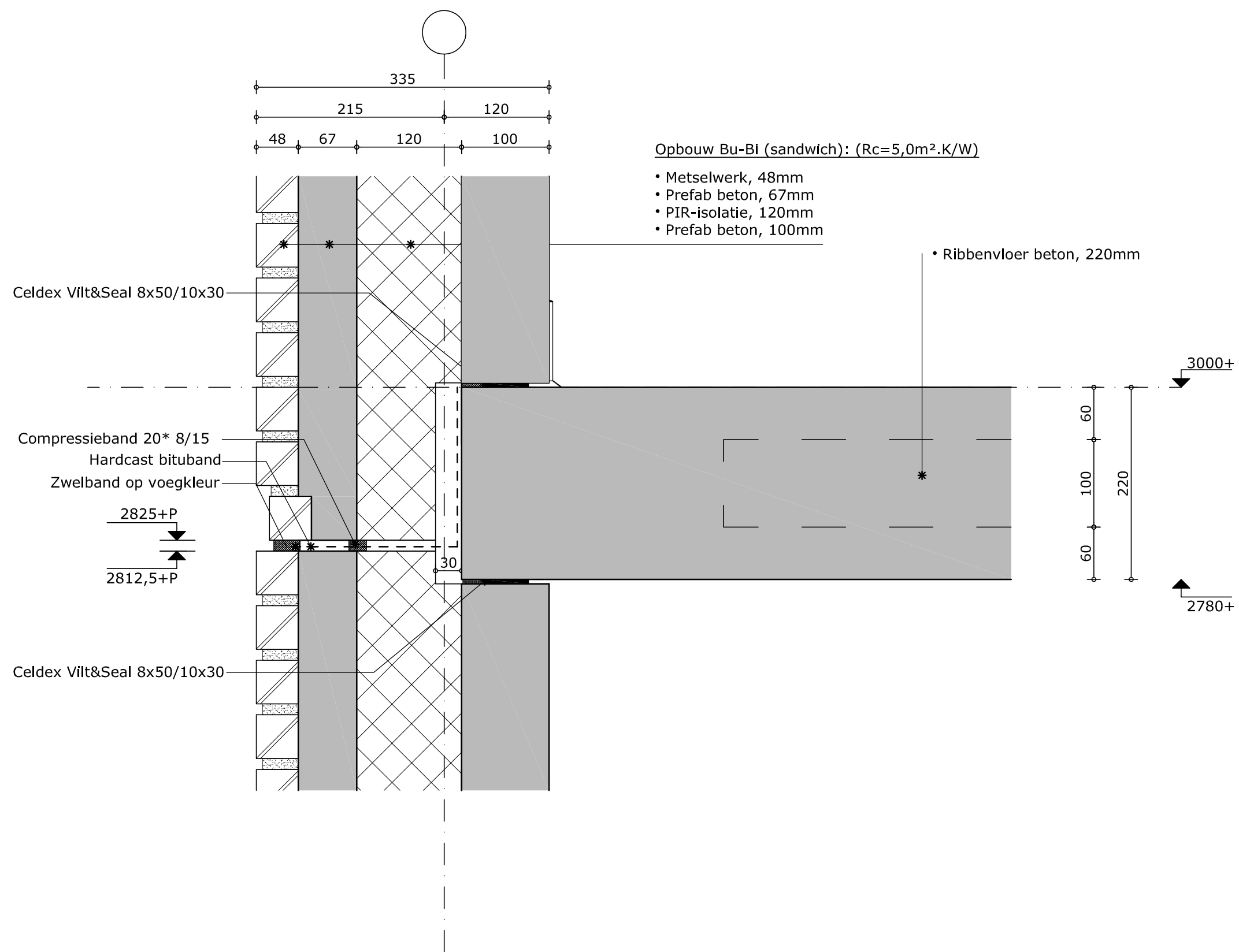
Tekeningnummer: (16)-04

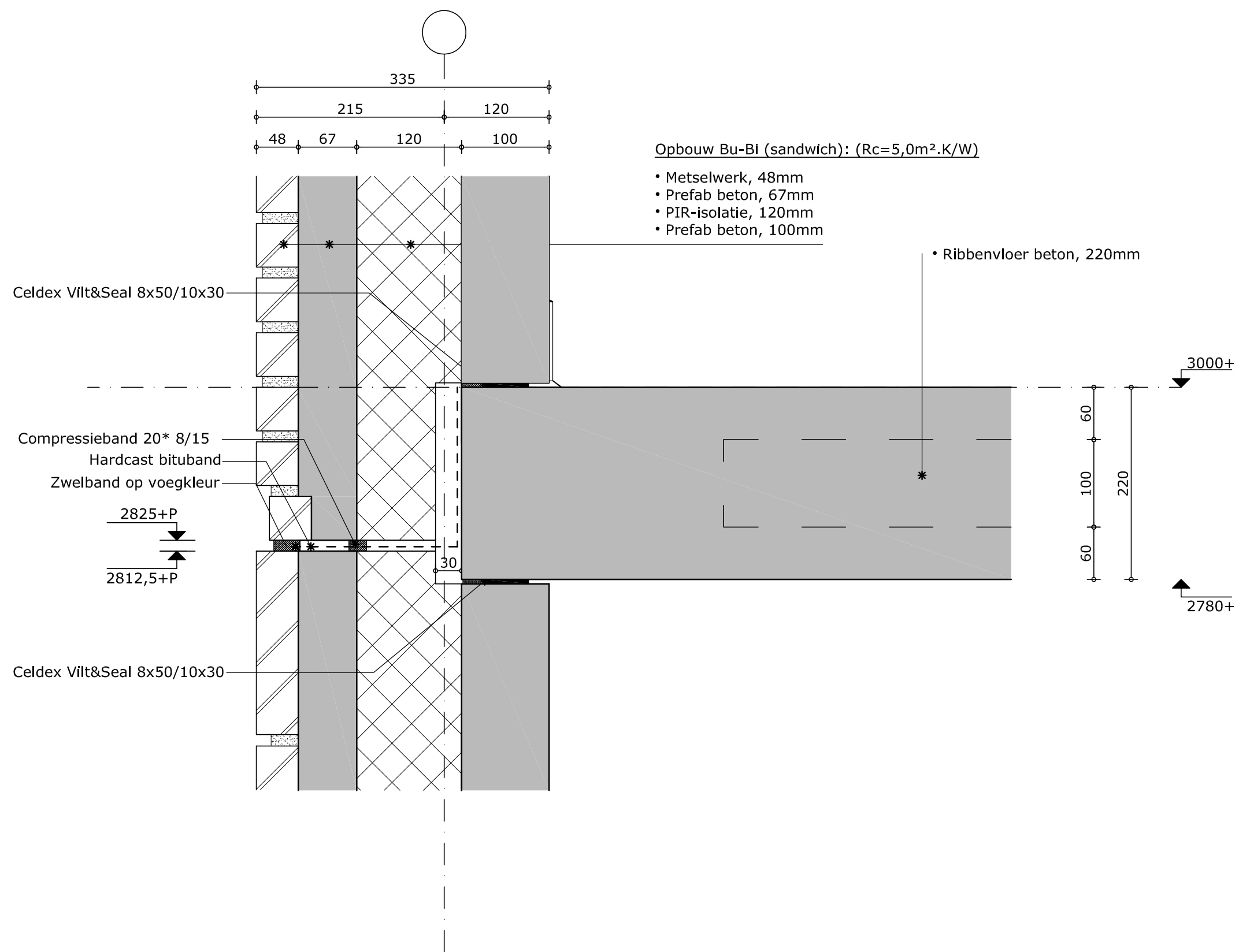


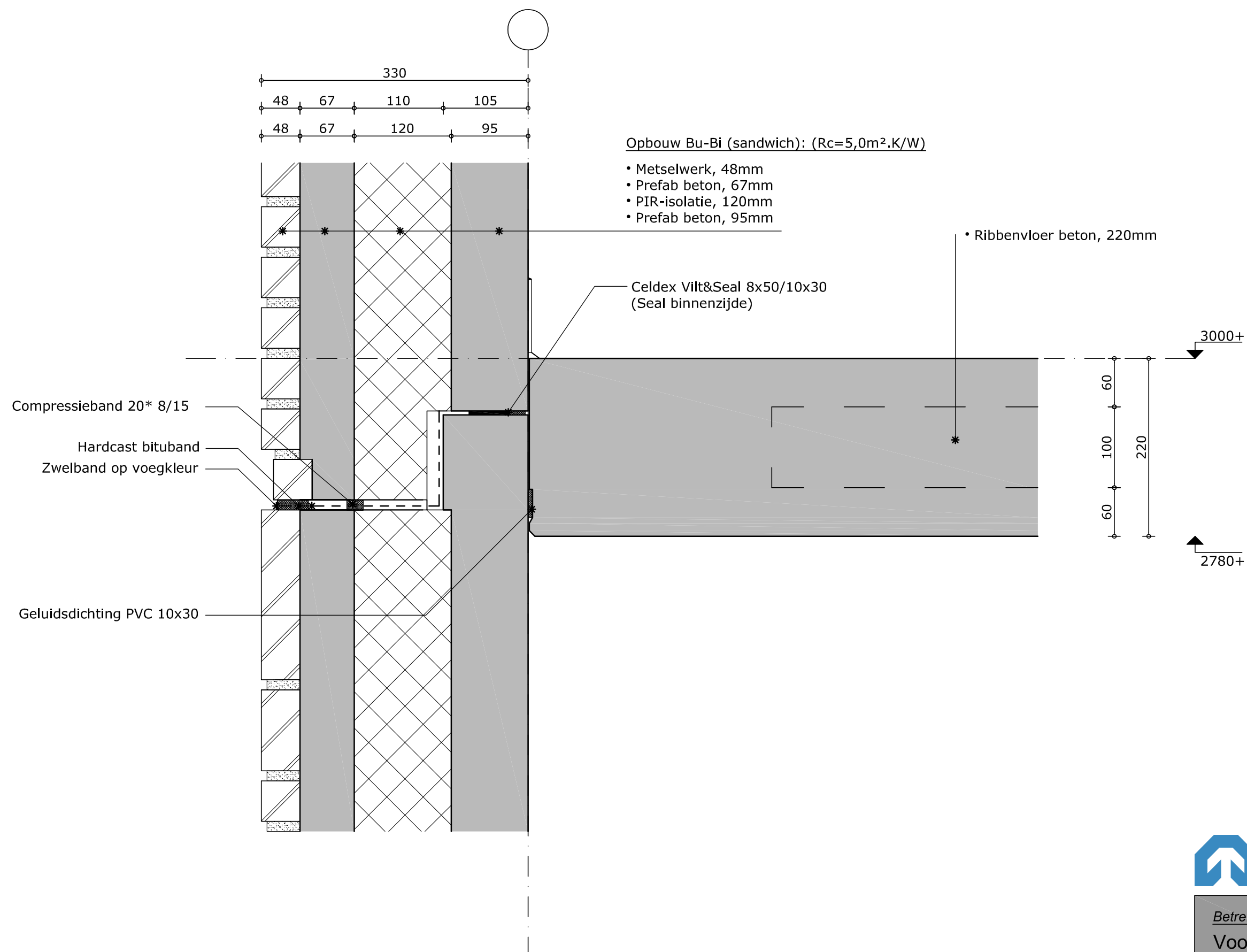
Betreft:
Achterdeur kunststof buitendraaiend

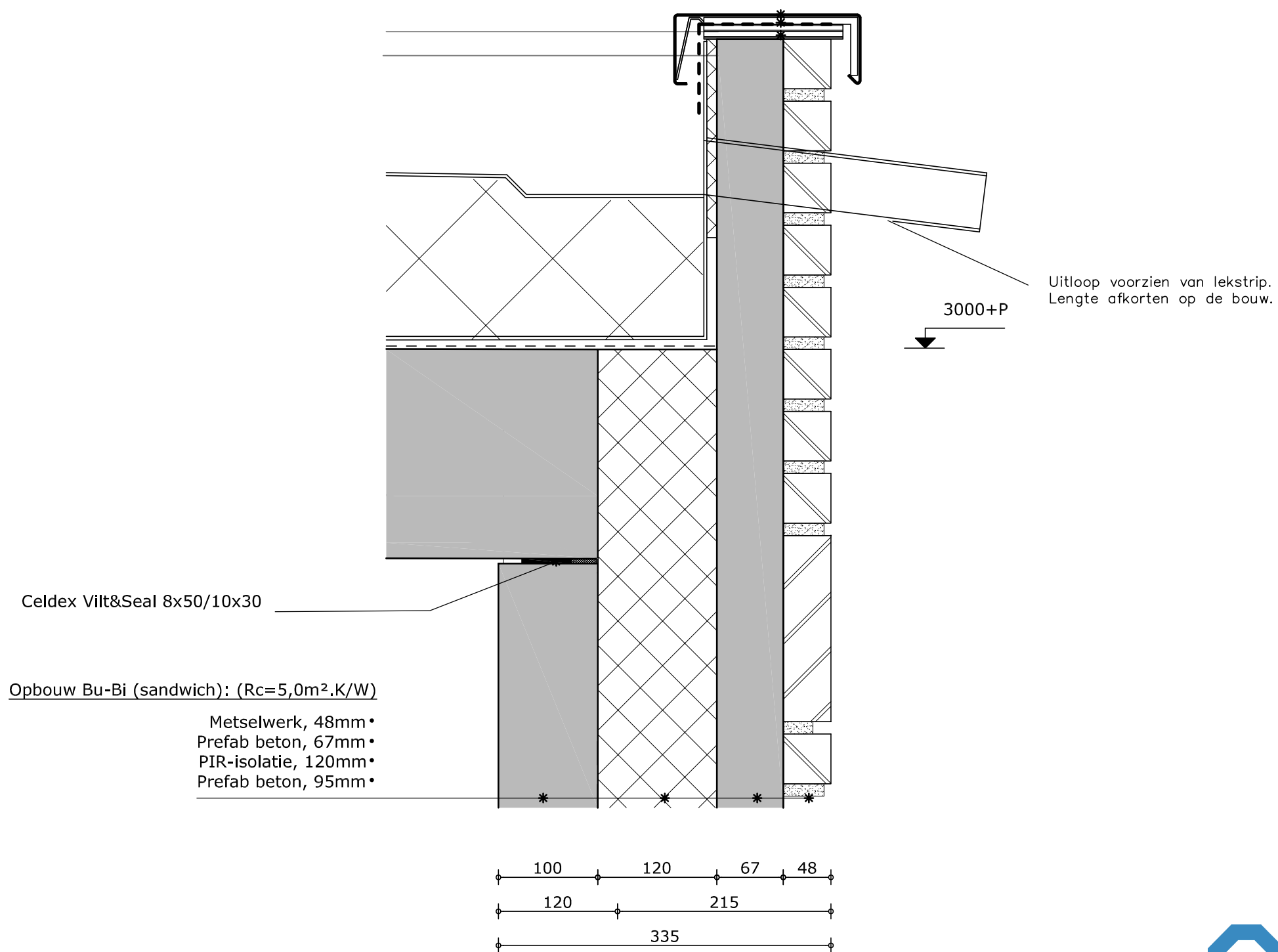
Tekeningnummer: (16)-05

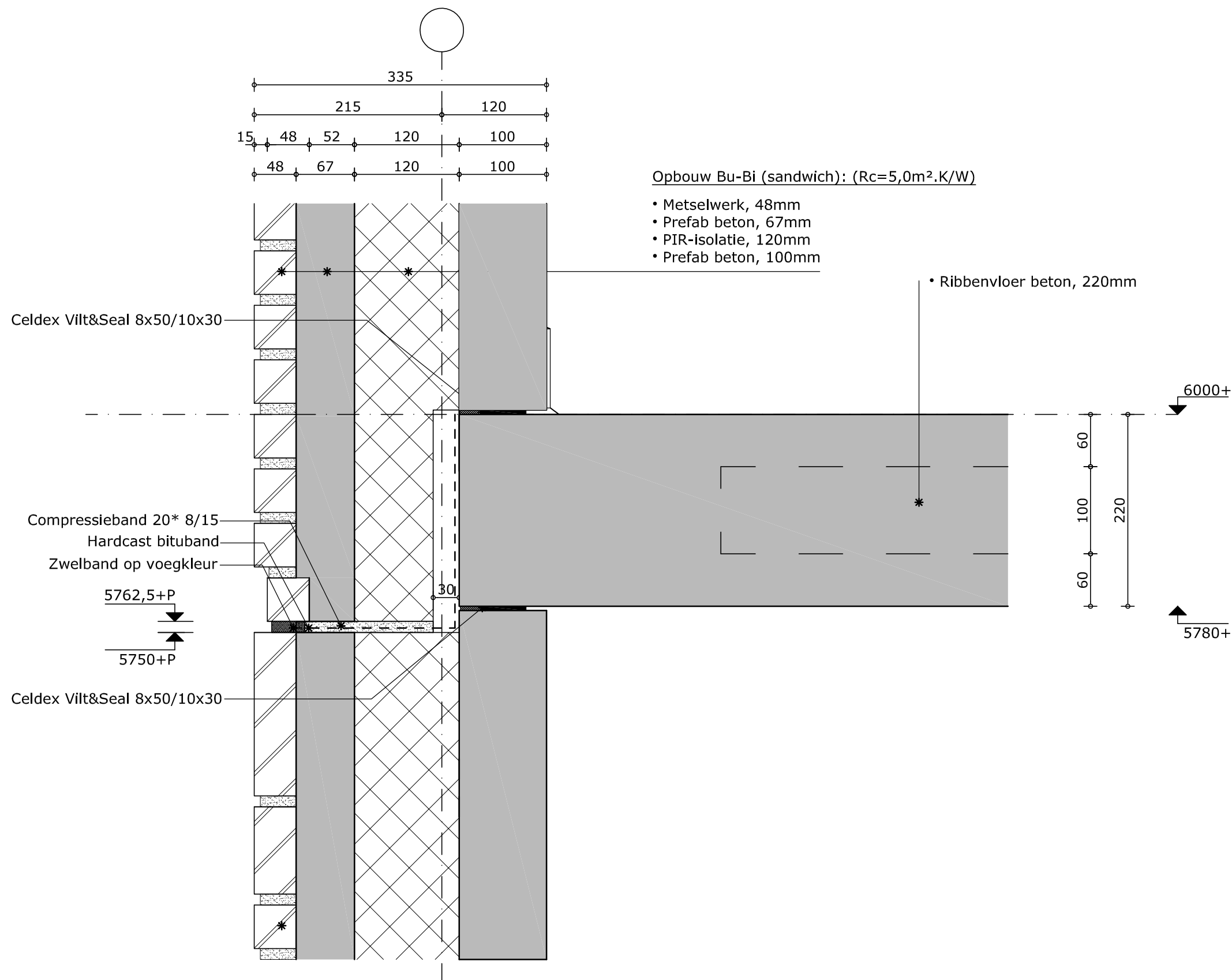


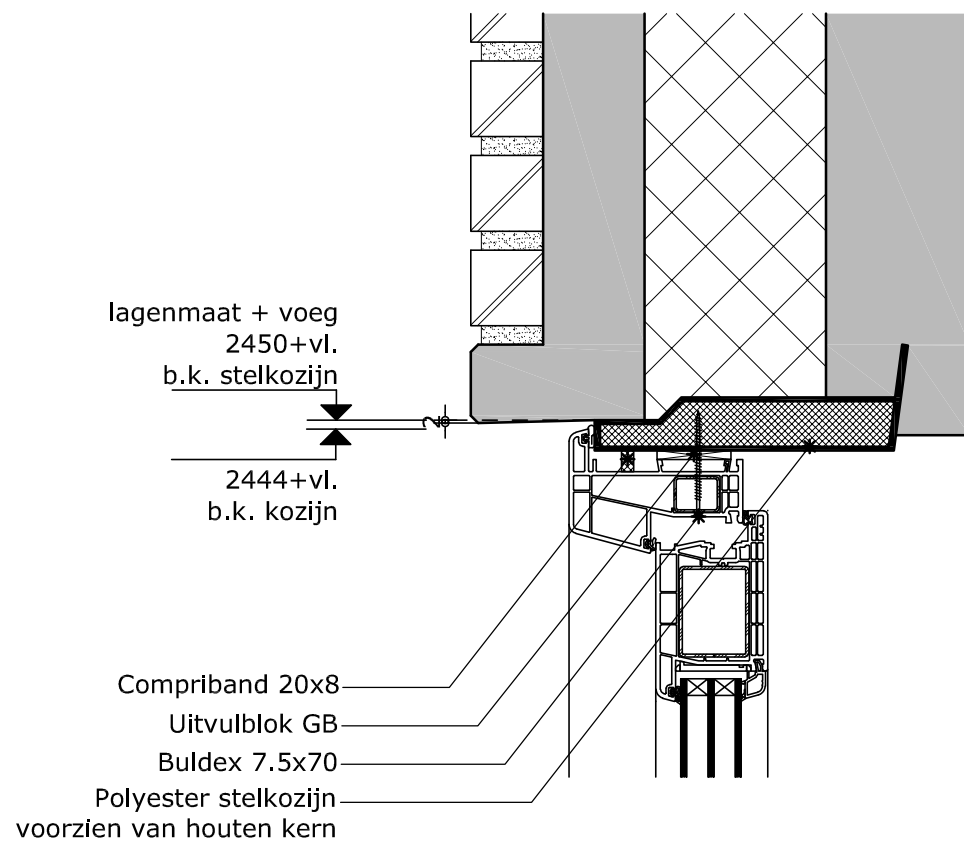




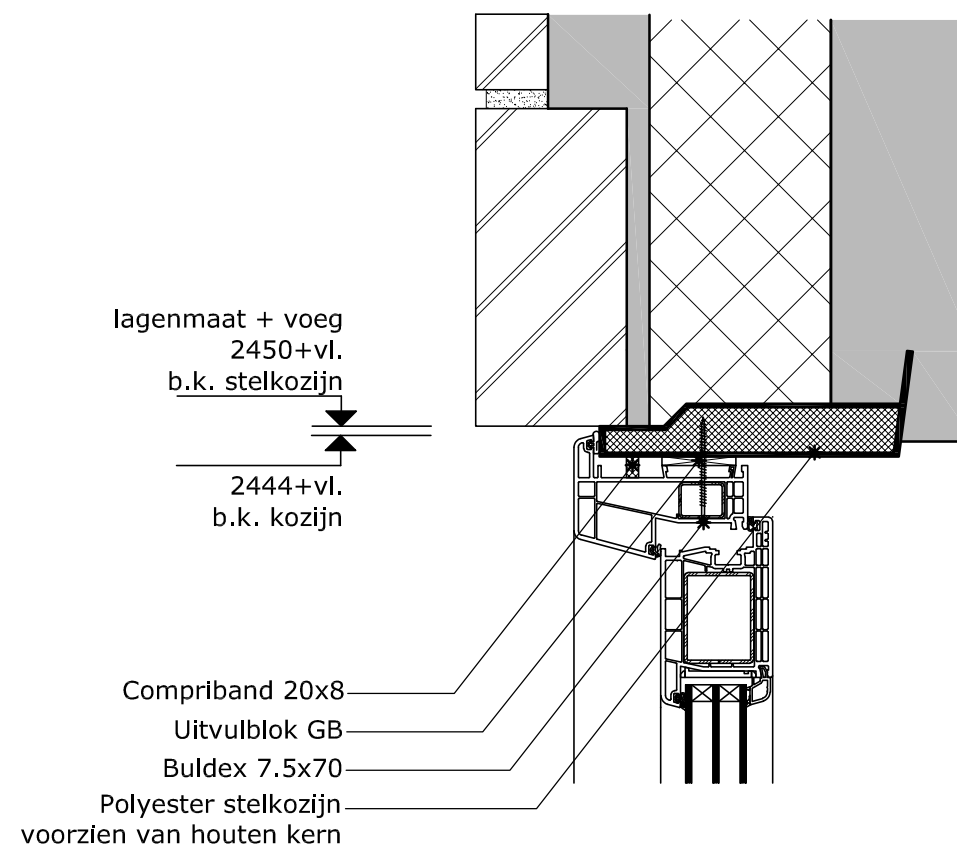




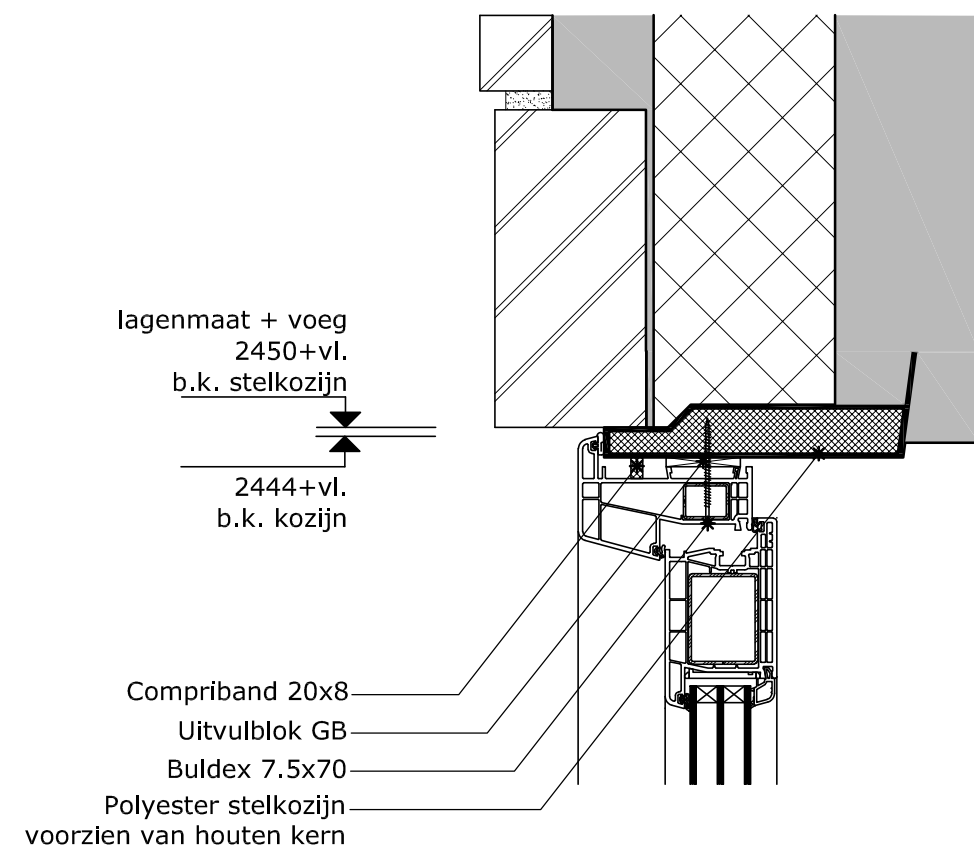




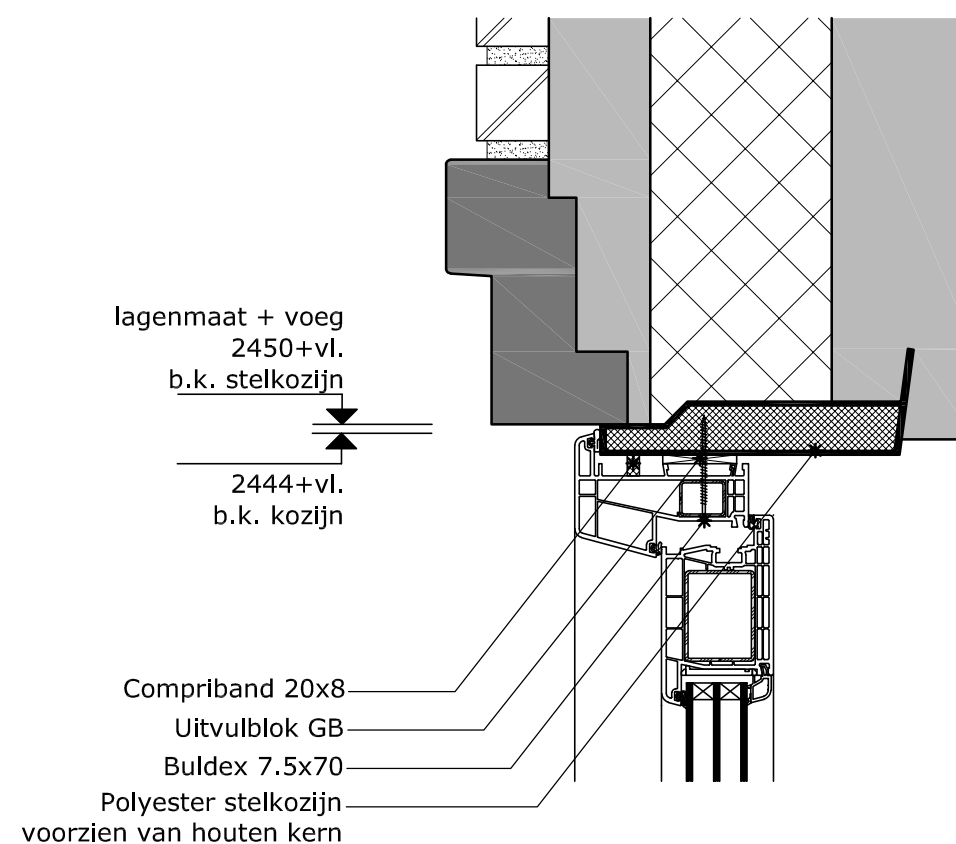
Spekband



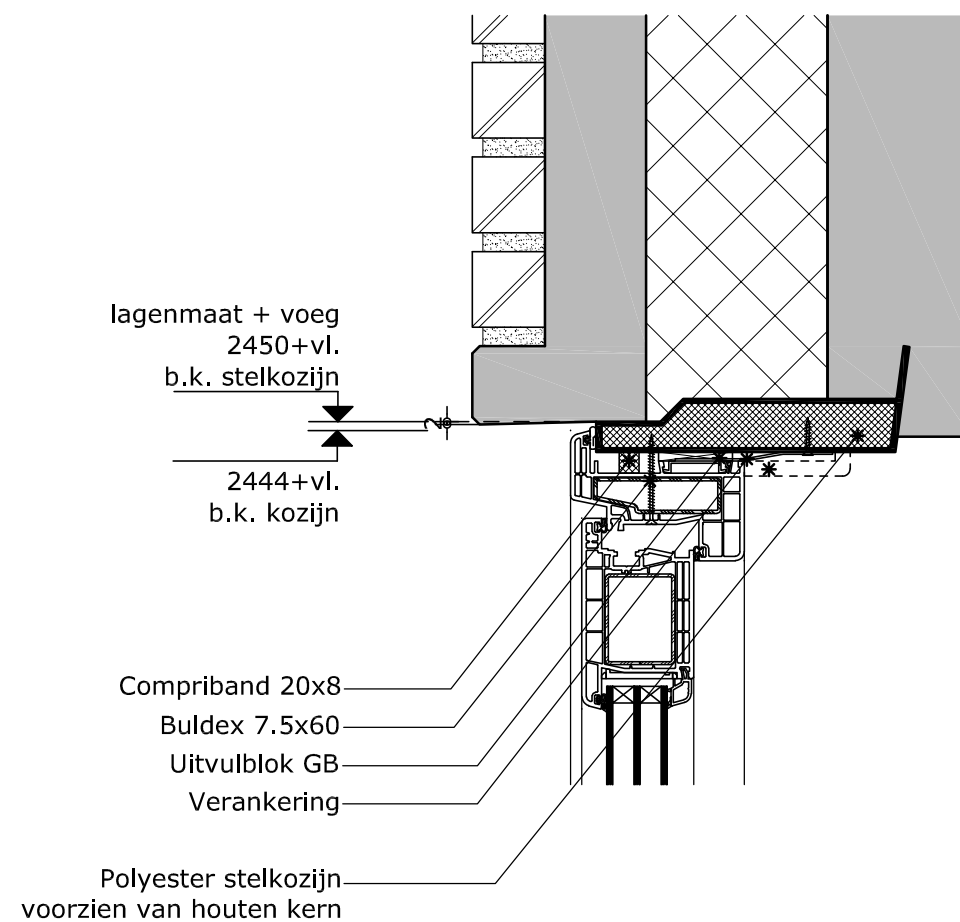
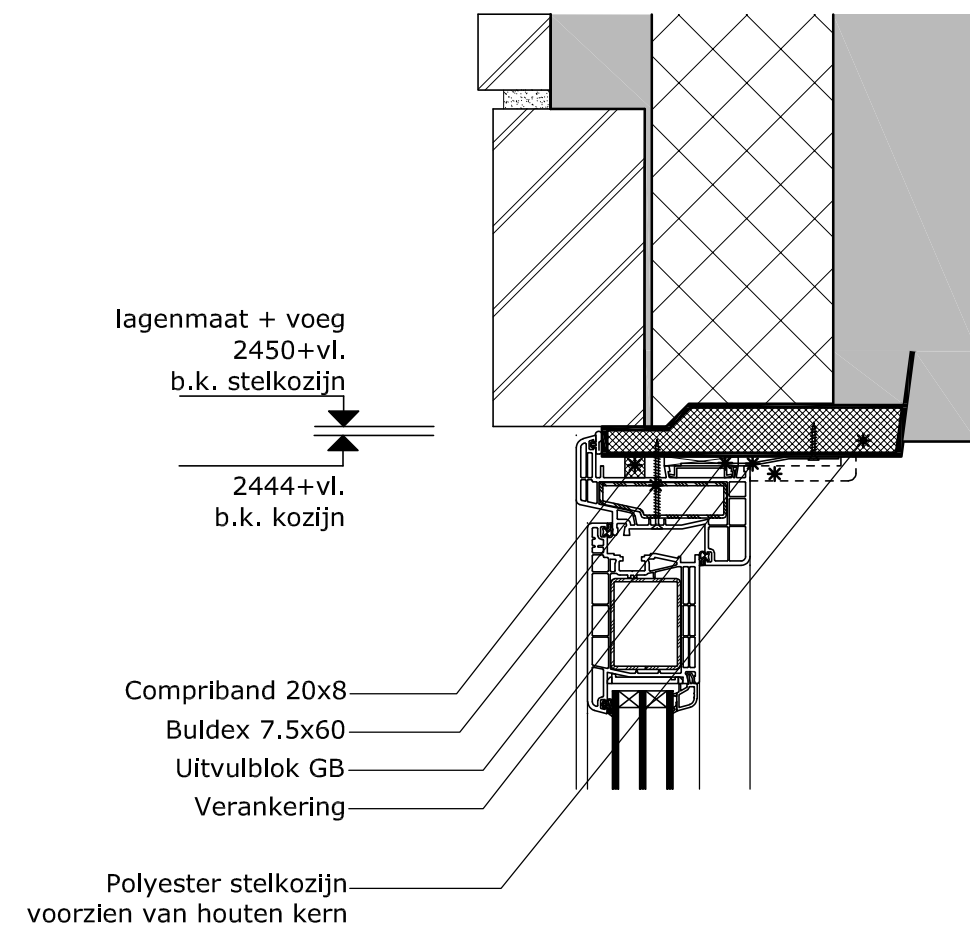
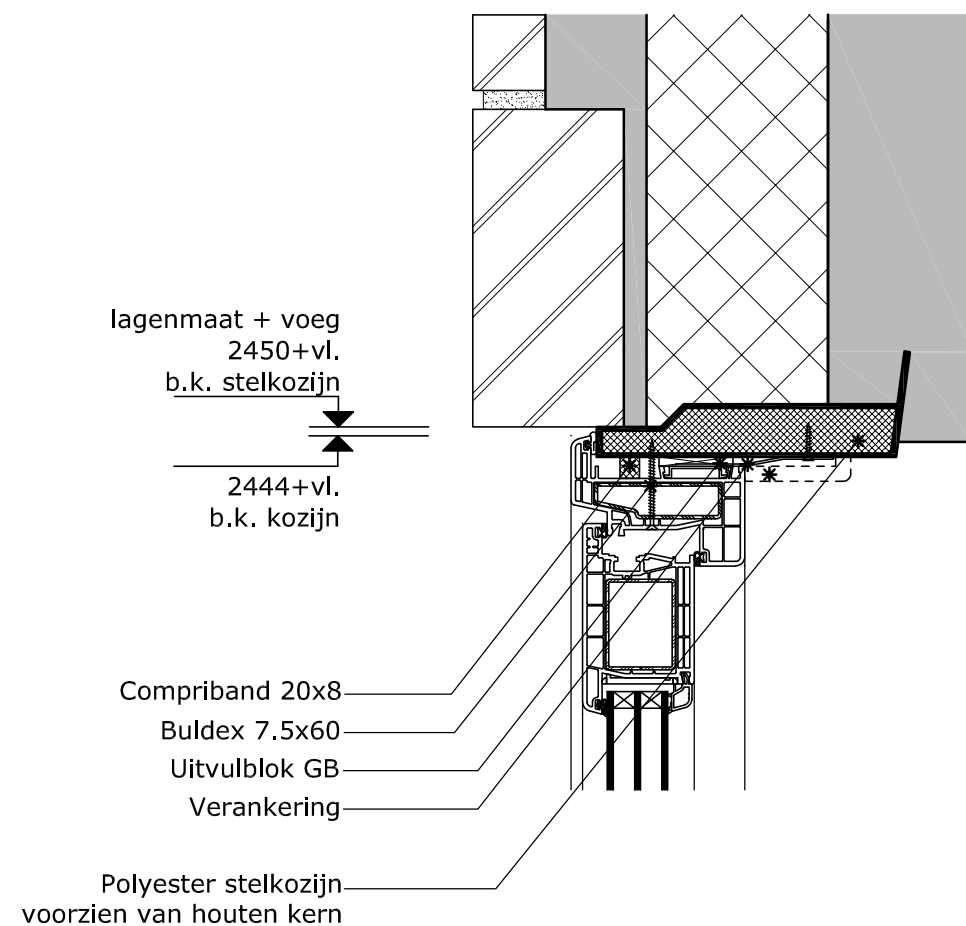
Rollaag

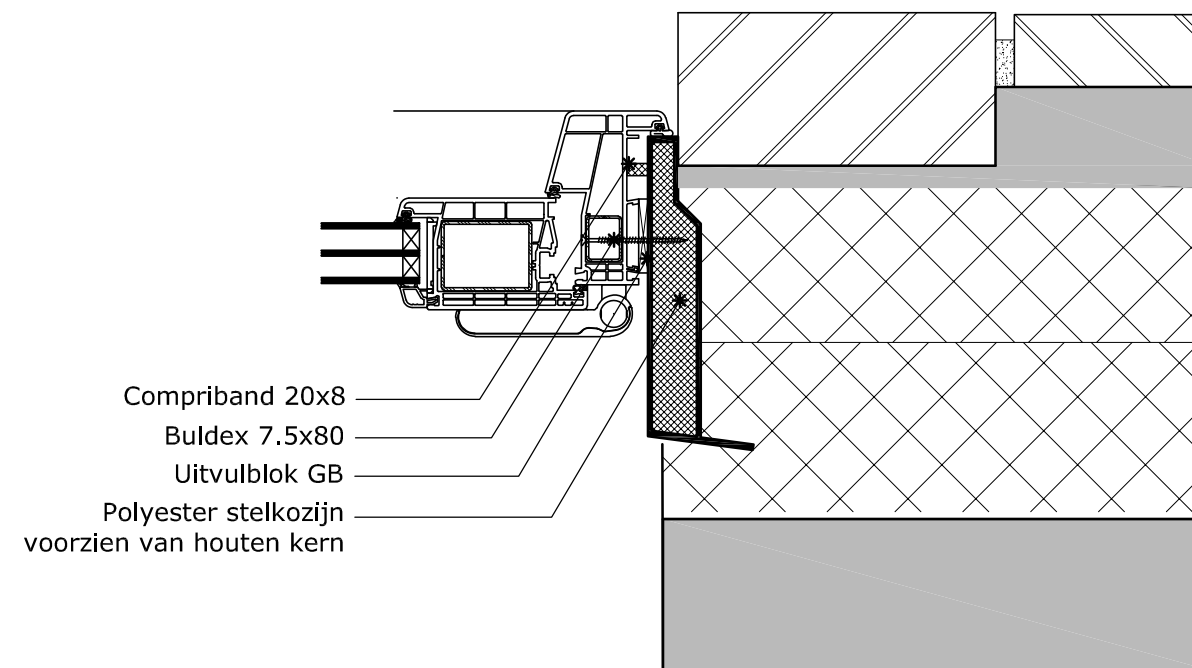
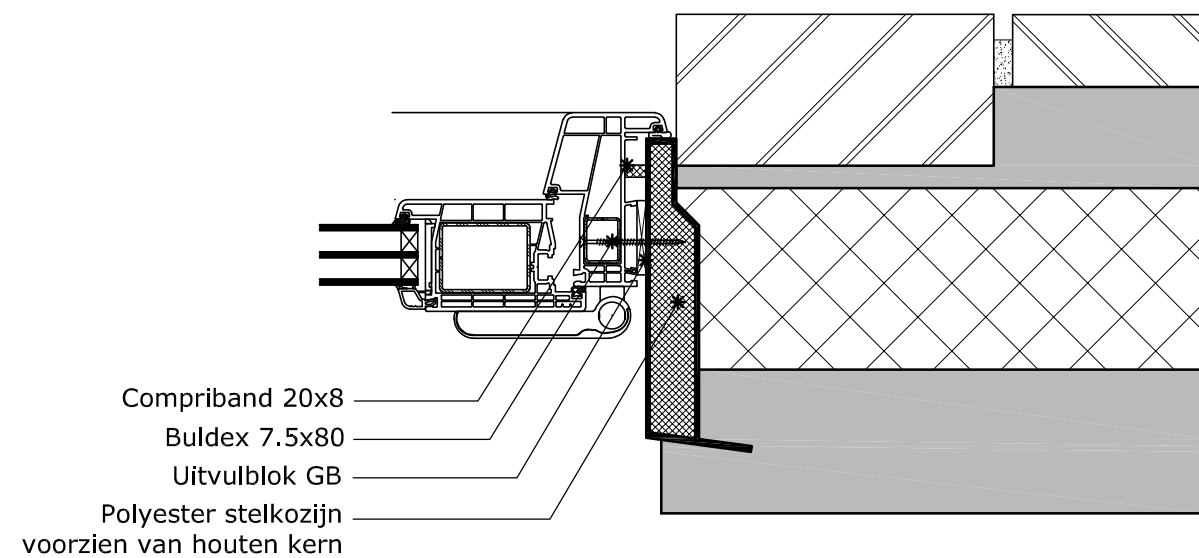


Rollaag terugliggend

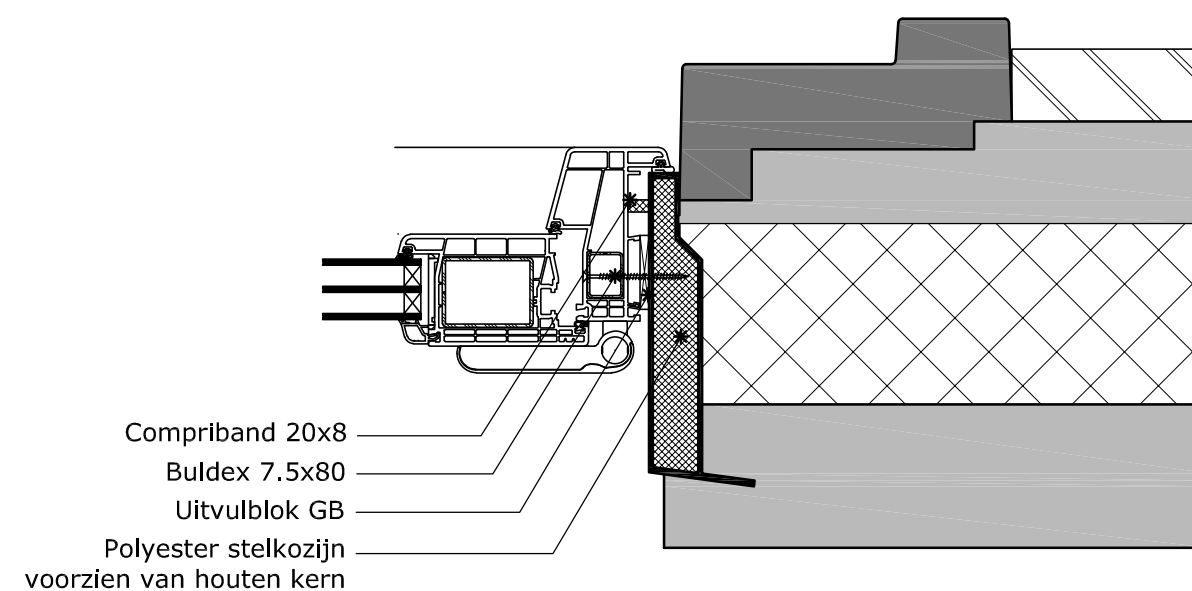
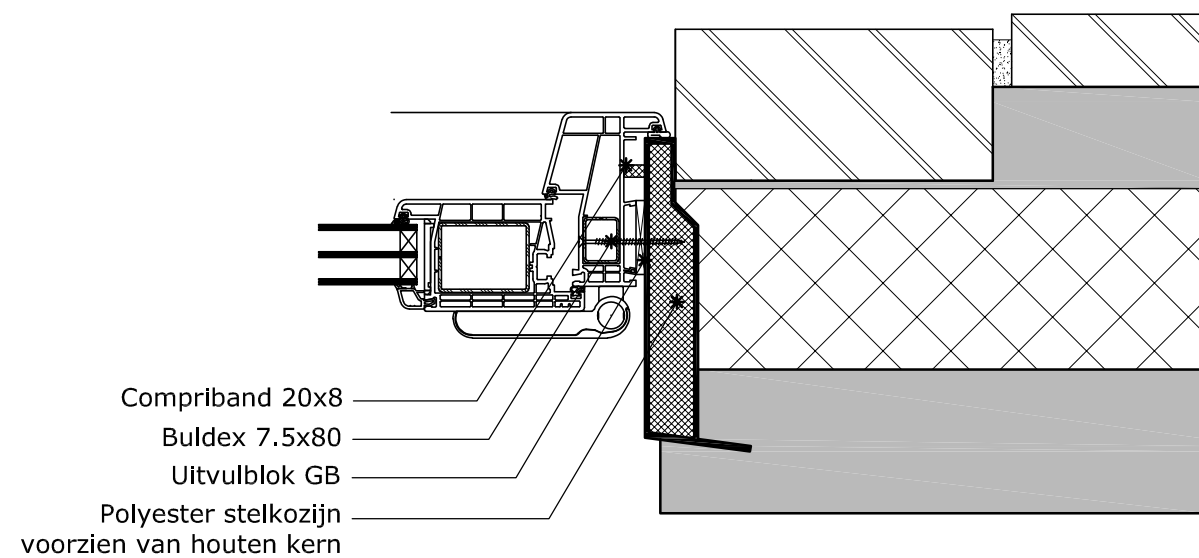


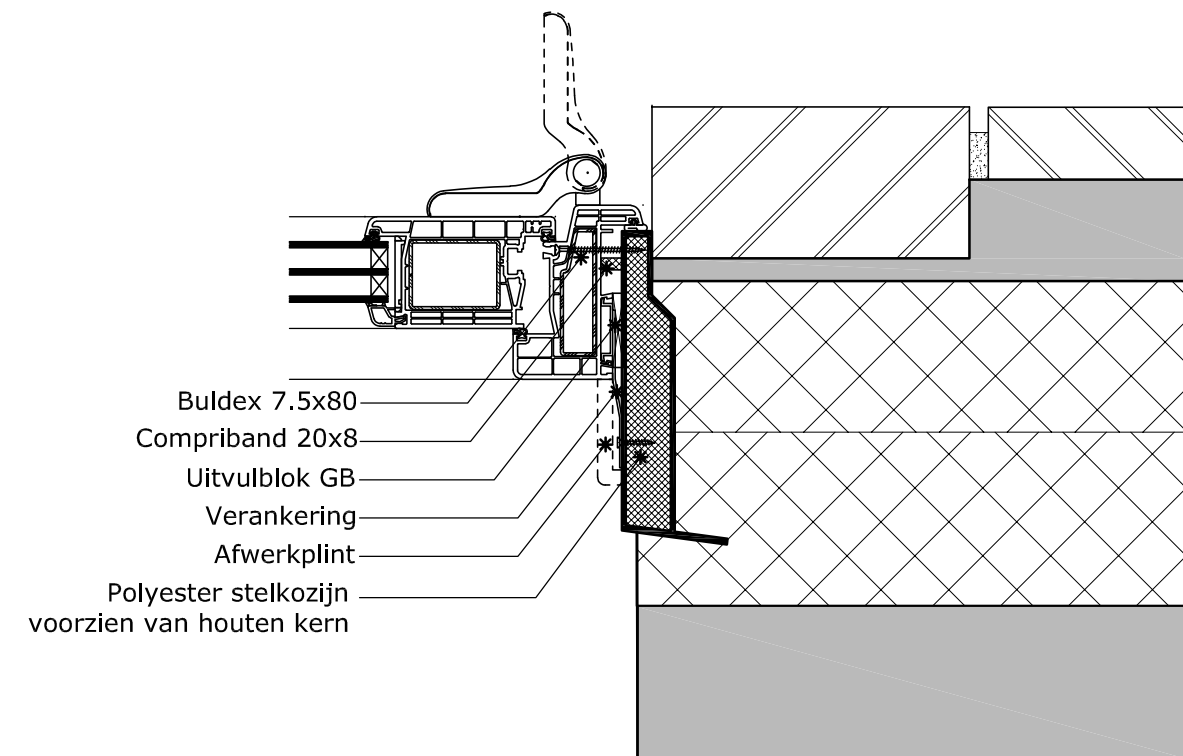
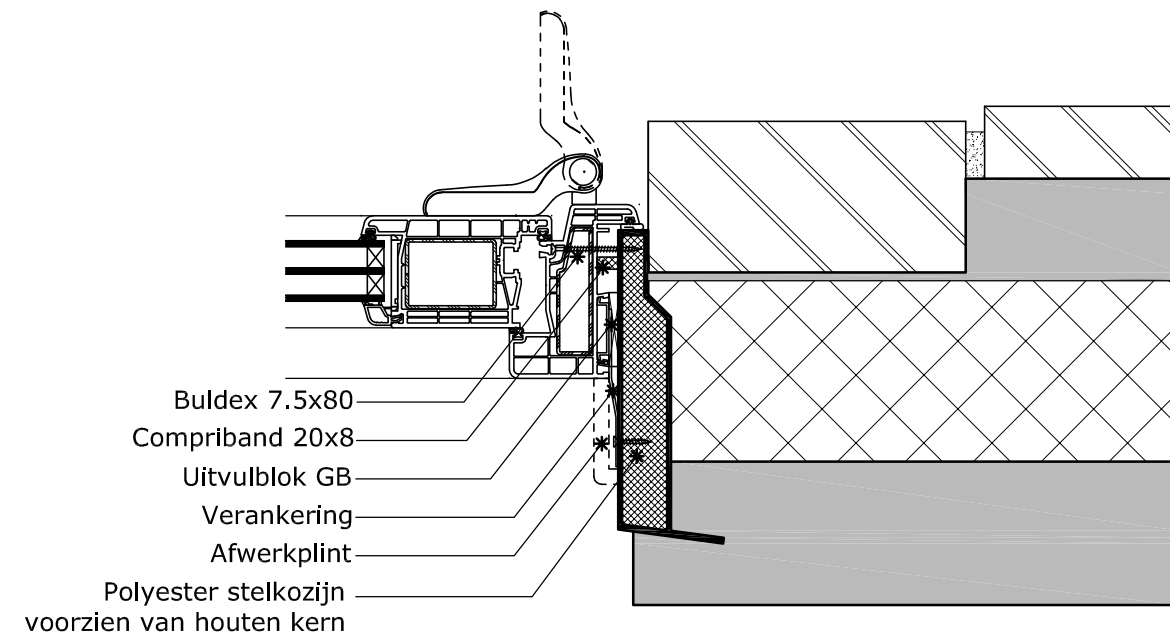
Betonnen kader



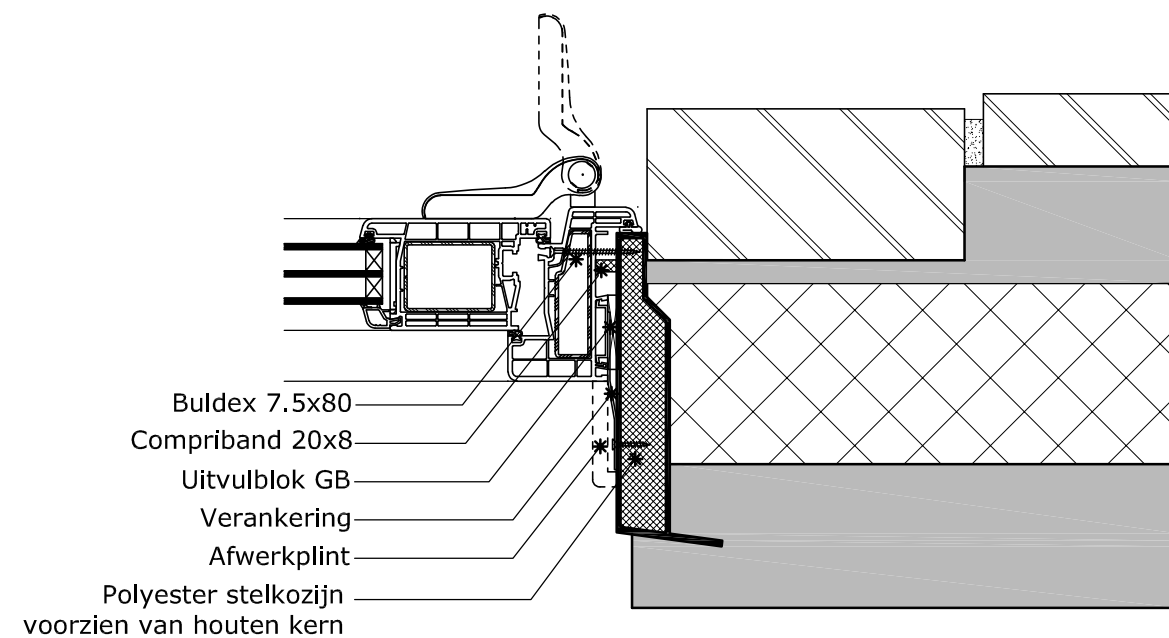


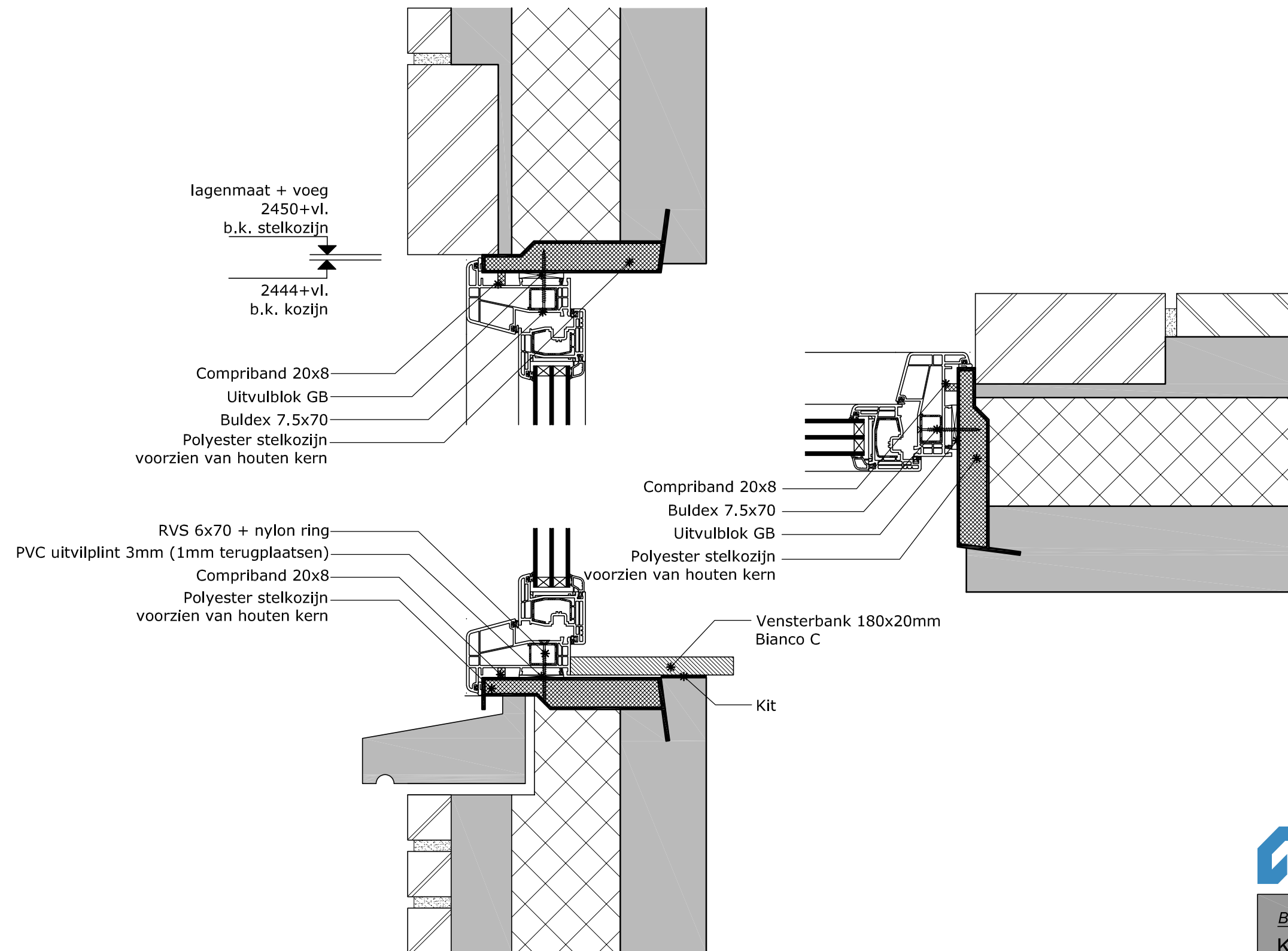
Dwarskap

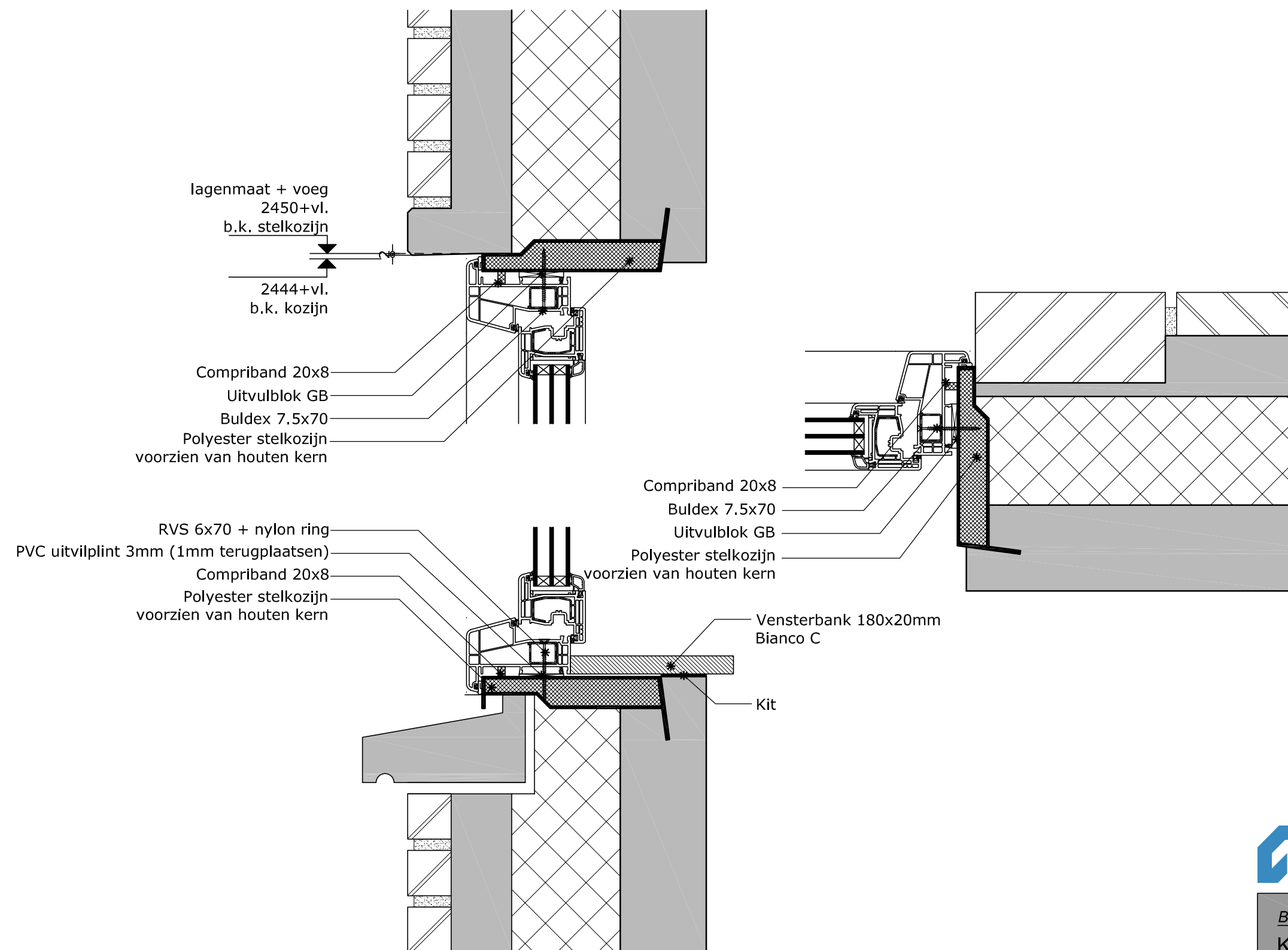


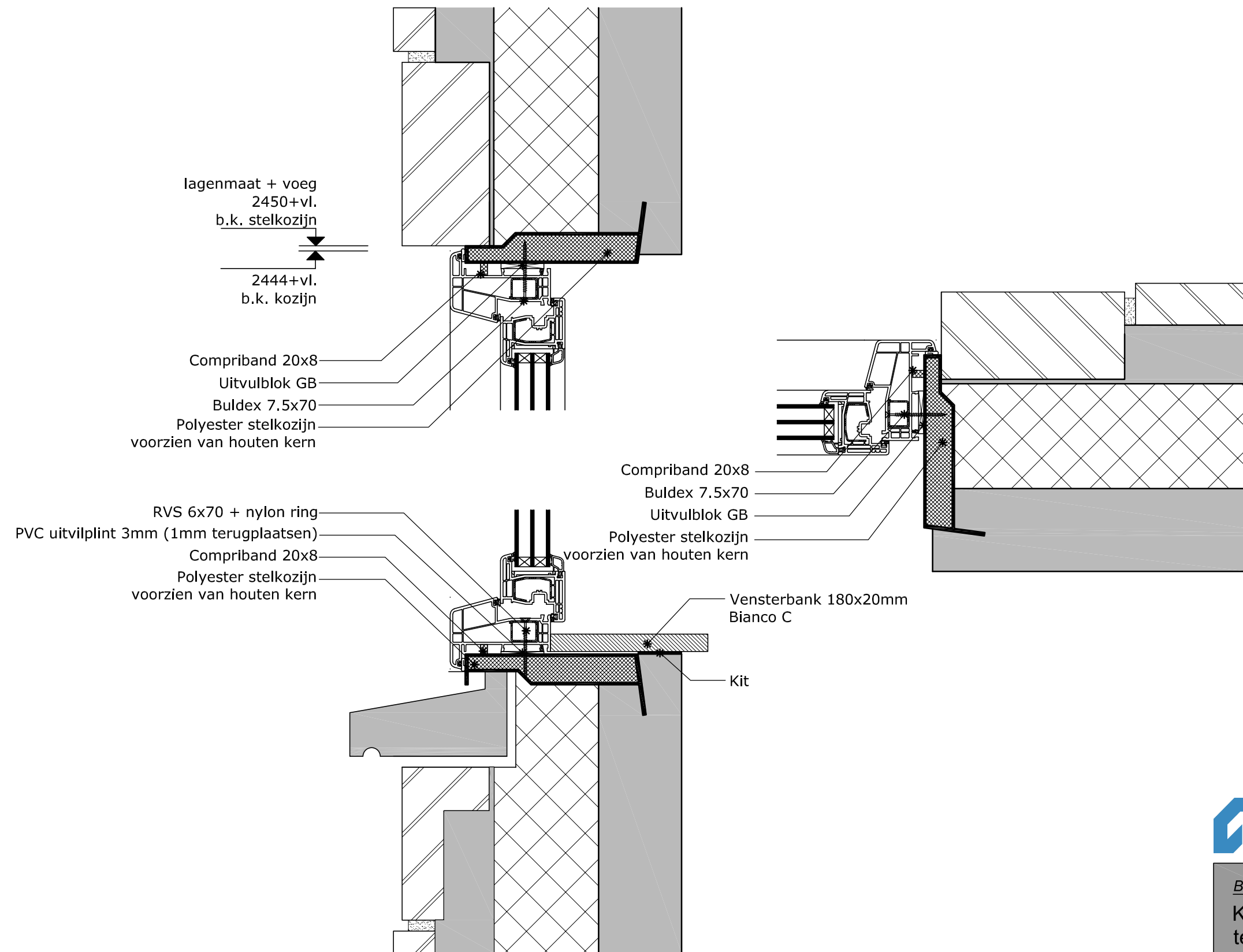


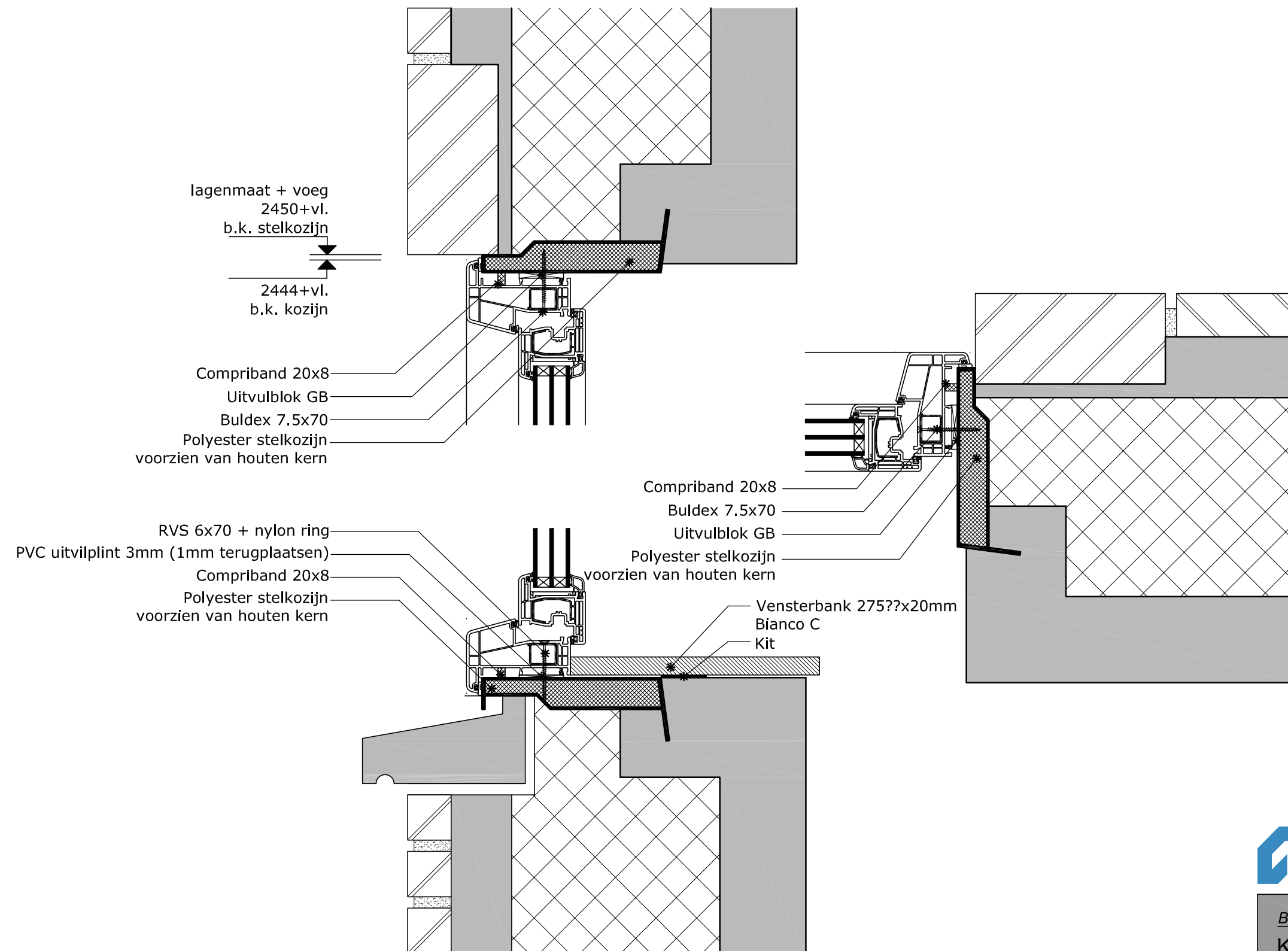
Dwarskap

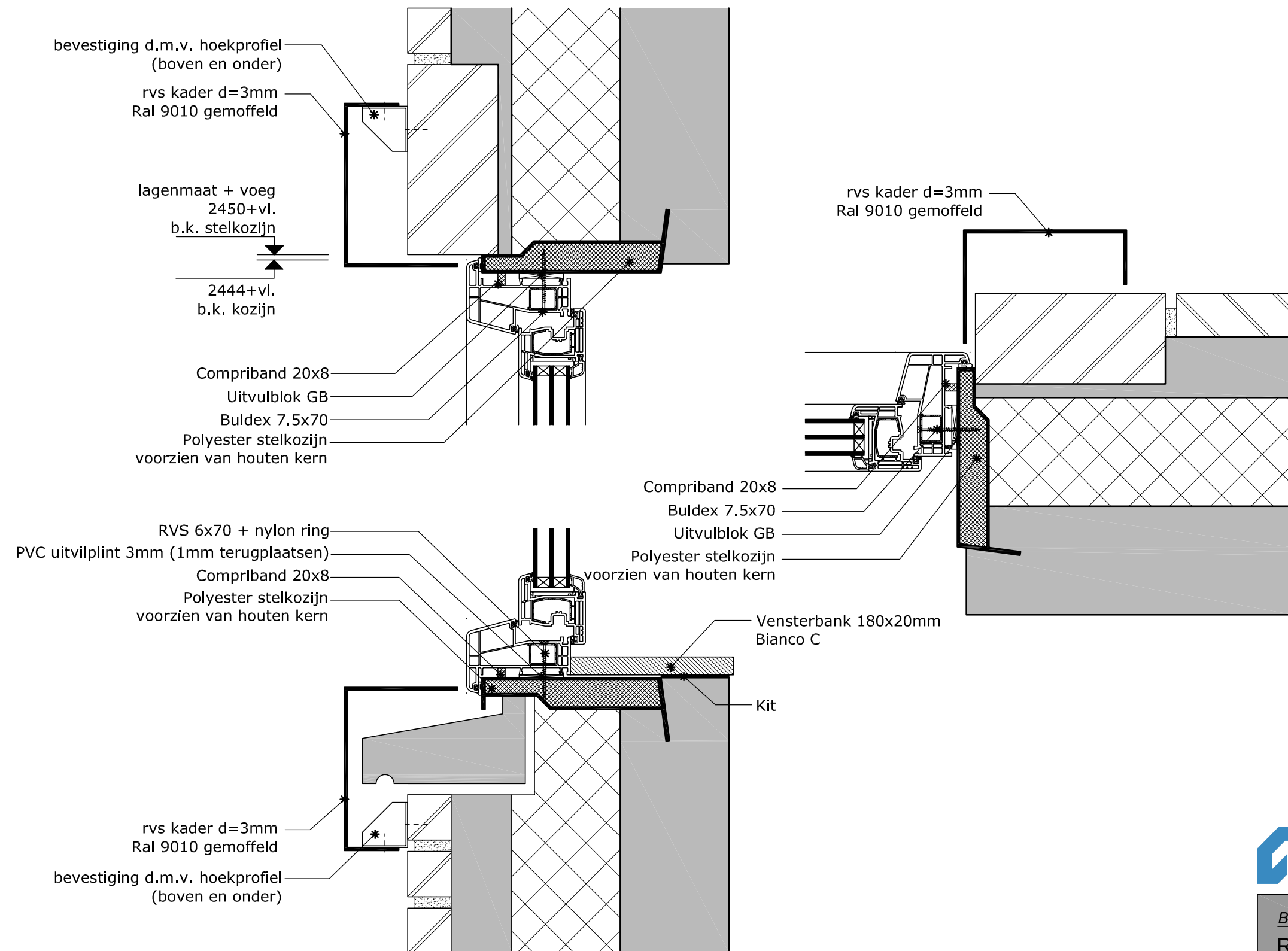


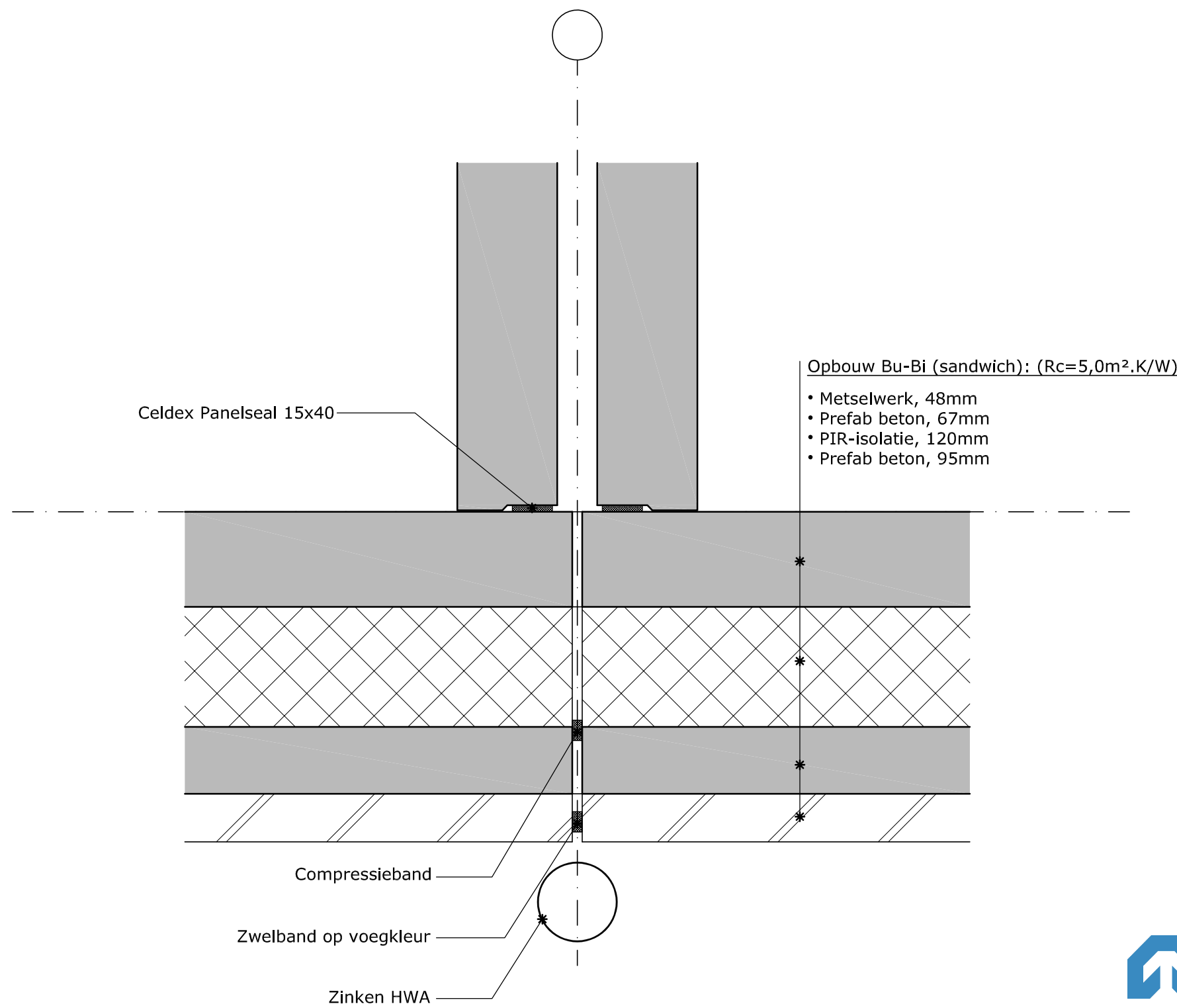












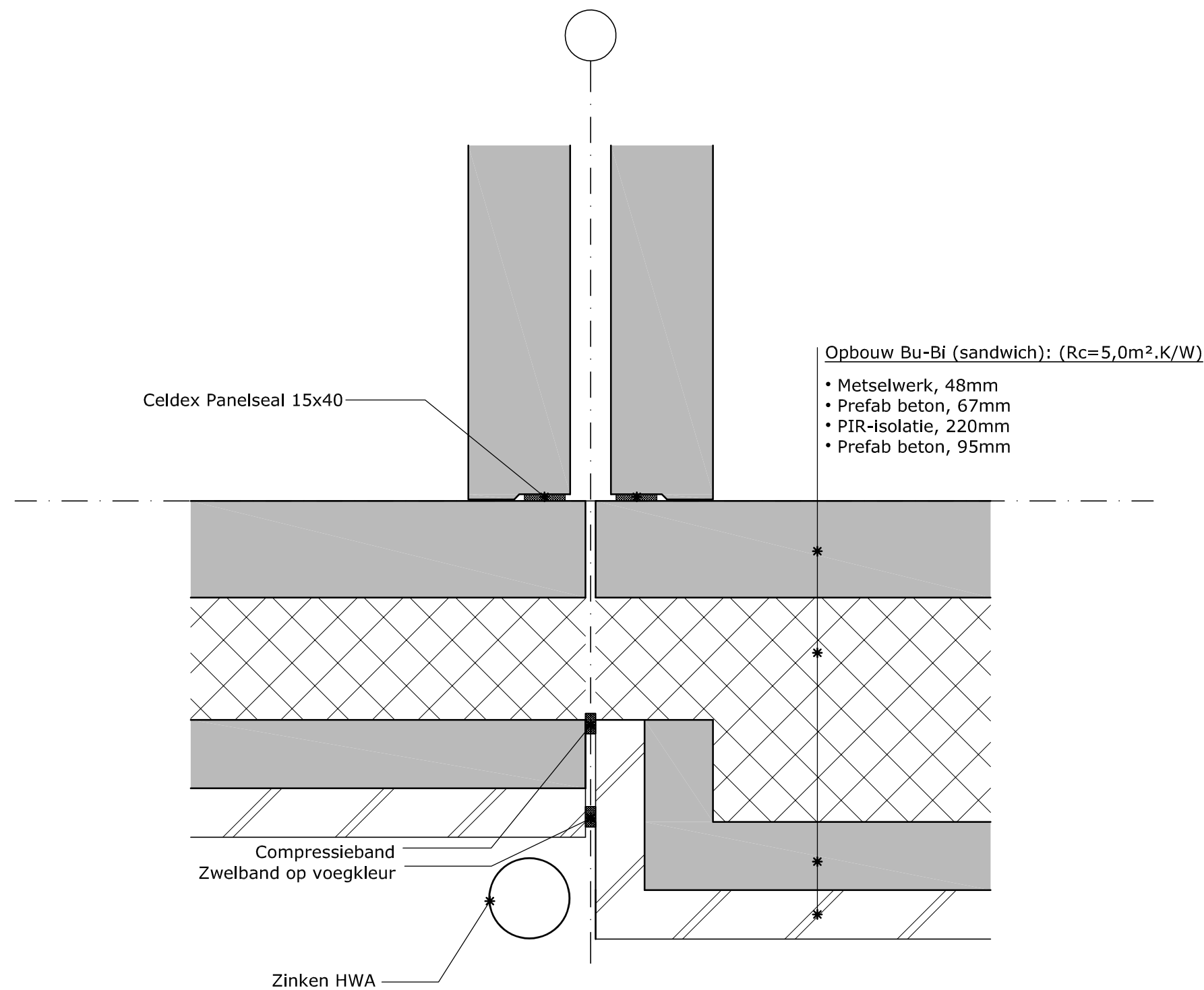
Totaal:
WBDBO 60 minuten!



Betreft:
Voor/- achtergevel aansluiting op
woningscheidende wand

Tekeningnummer:

(21)-15



Totaal:
WBDBO 60 minuten!



Betreft:

Dwarskap voorgevel aansluiting op
woningscheidende wand

Tekeningnummer:

(21)-16

Opbouw Bu-Bi (sandwich): (Rc=5,0m².K/W)

- Metselwerk, 48mm
- Prefab beton, 67mm
- PIR-isolatie, 120mm
- Prefab beton, 95mm

Celdex
Panelseal 15x40

Compressieband

Zwelband op voegkleur

Zinken HWA

Opbouw Bu-Bi (sandwich): (Rc=5,0m².K/W)

- Metselwerk, 48mm
- Prefab beton, 67mm
- PIR-isolatie, 120mm
- Prefab beton, 100mm

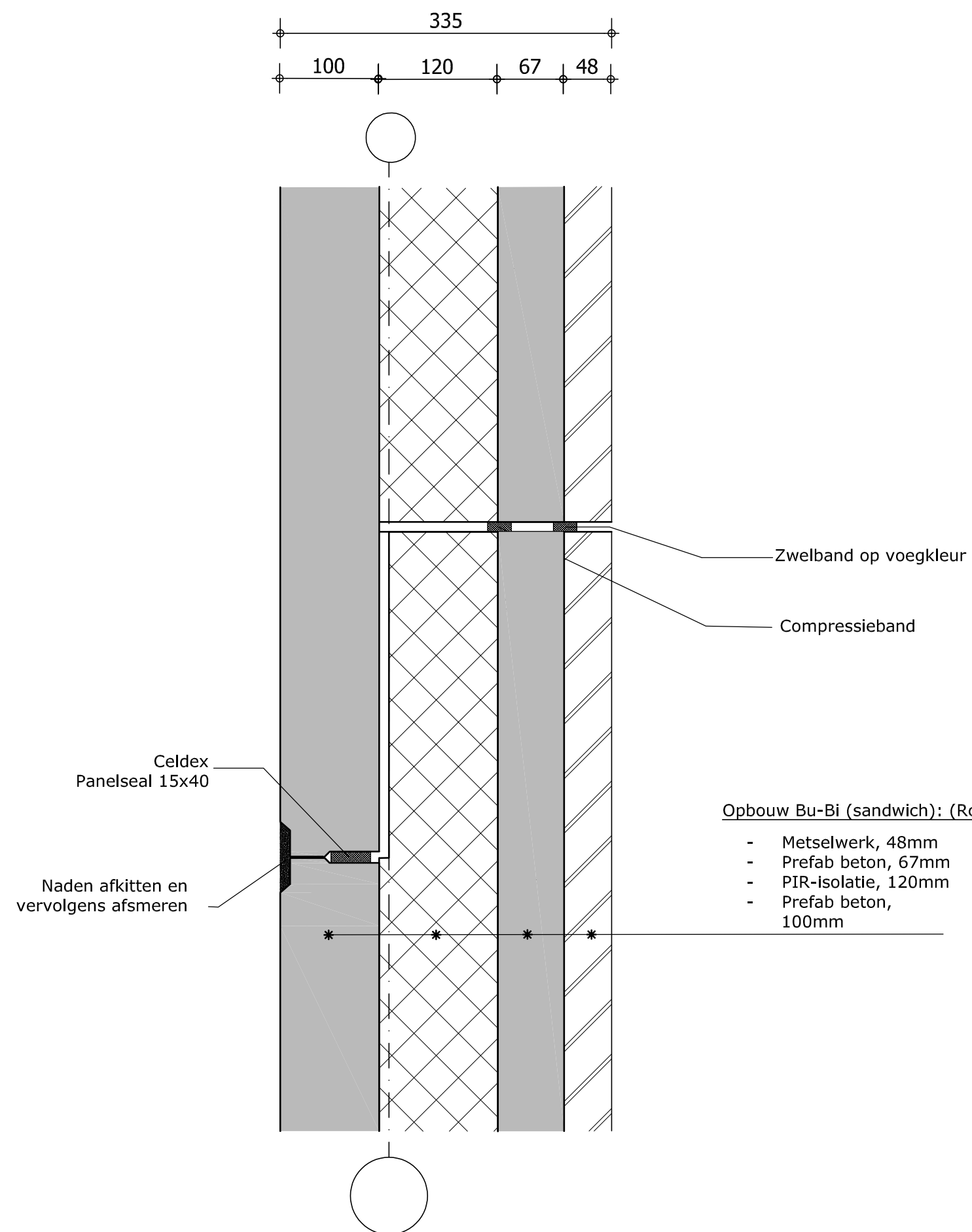


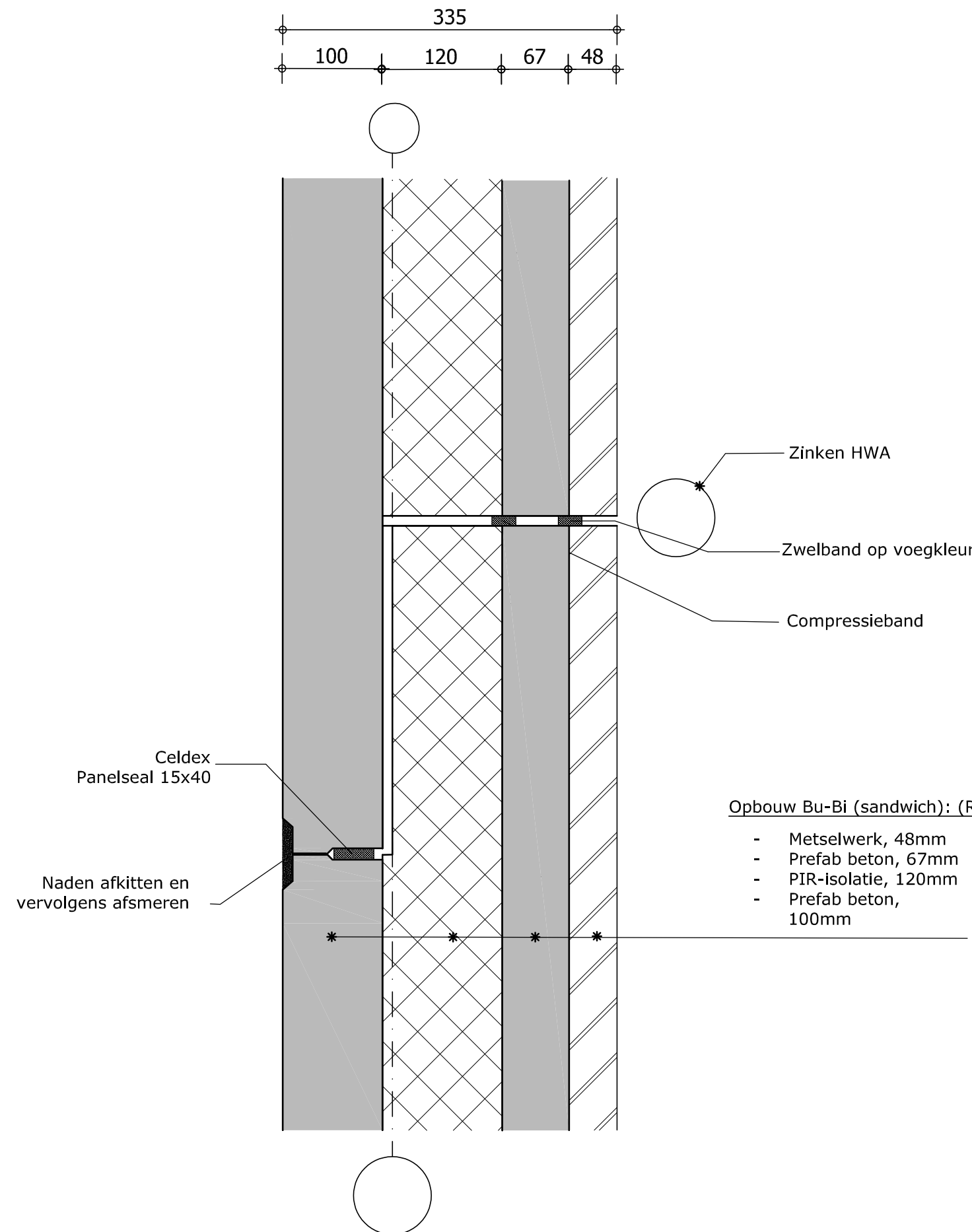
Betreft:

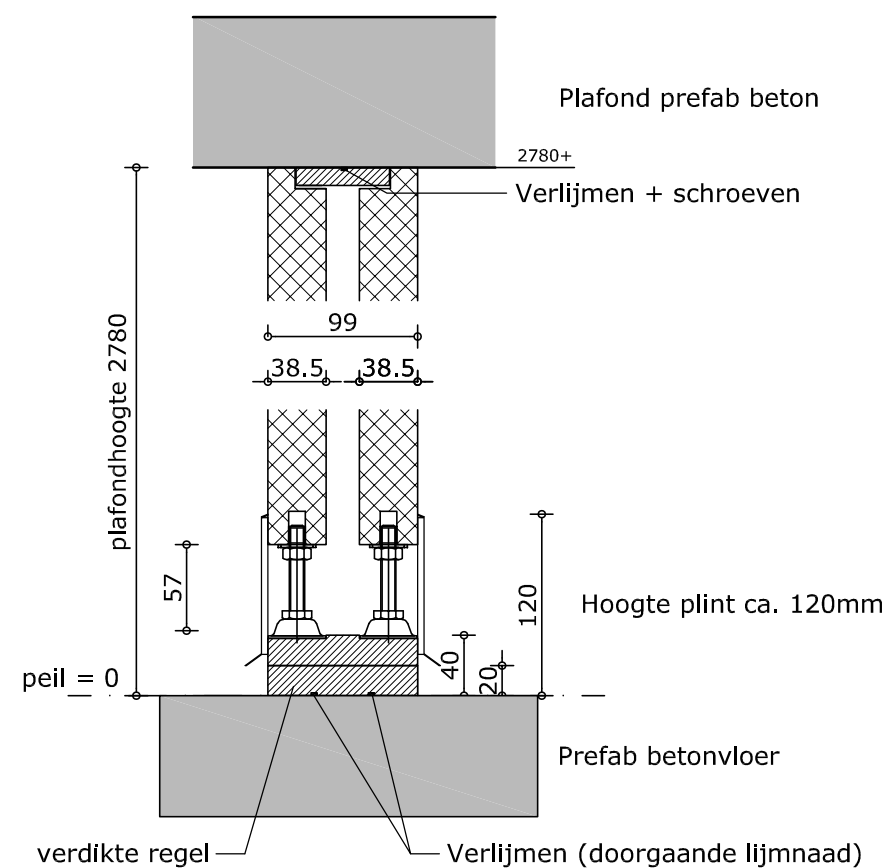
Voor/- achtergevel aansluiting op
eindgevel

Tekeningnummer:

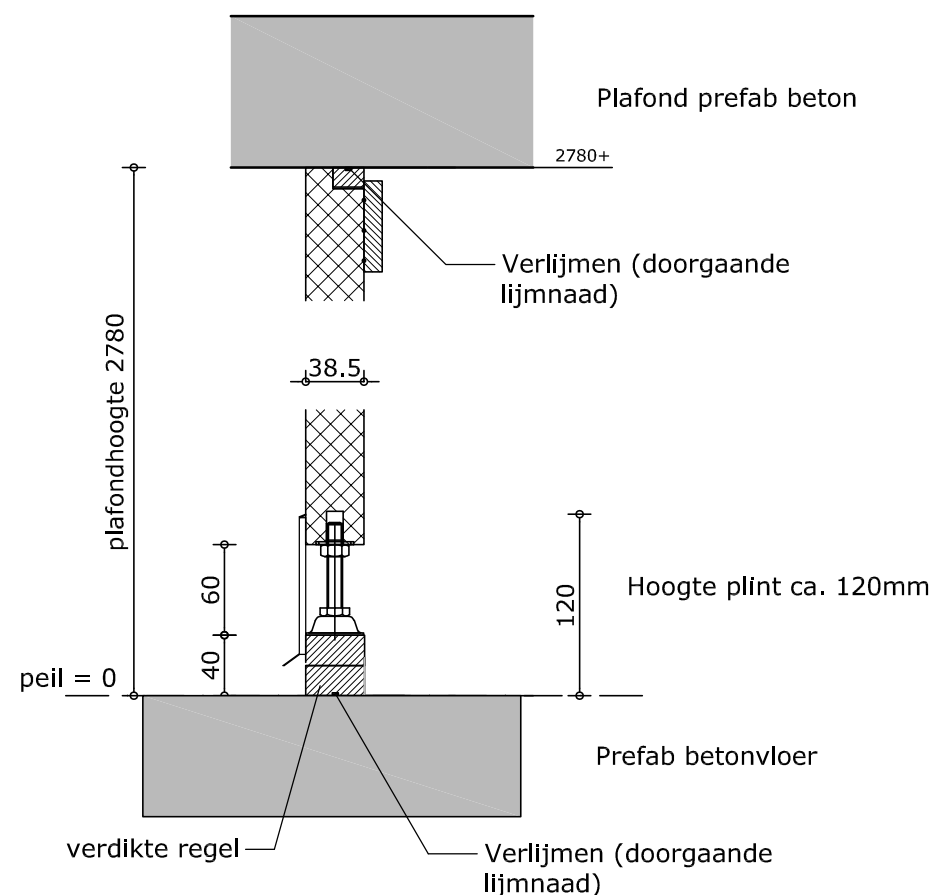
(21)-17



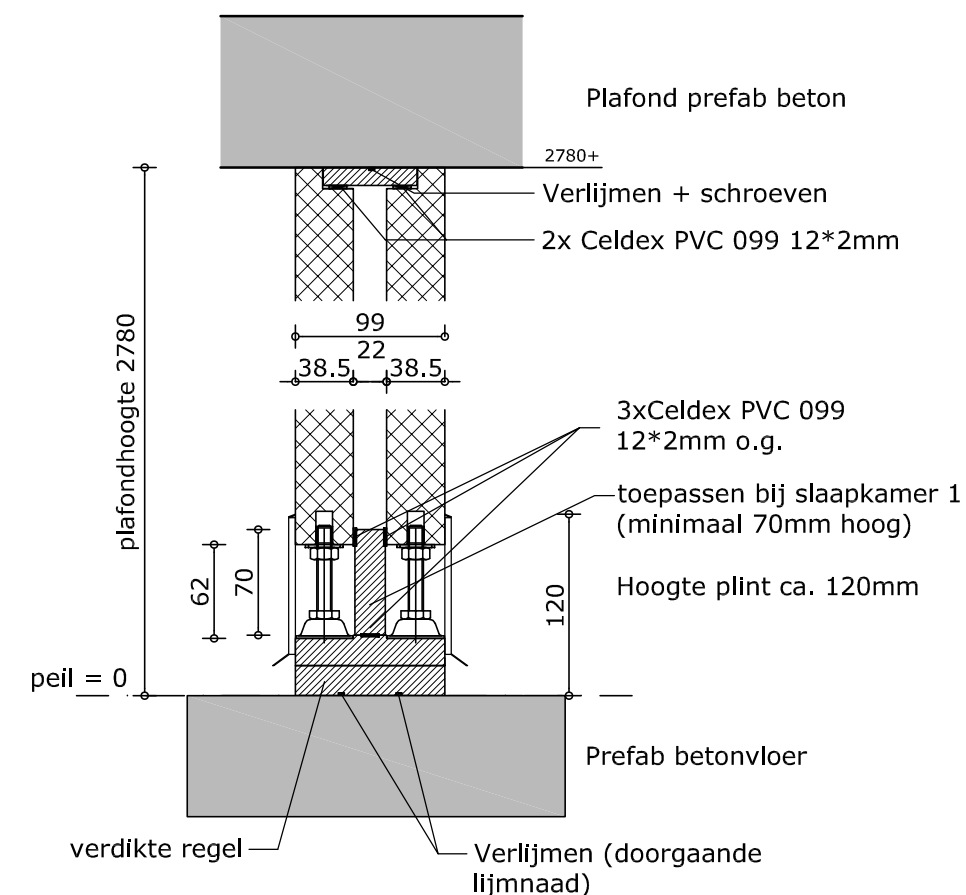




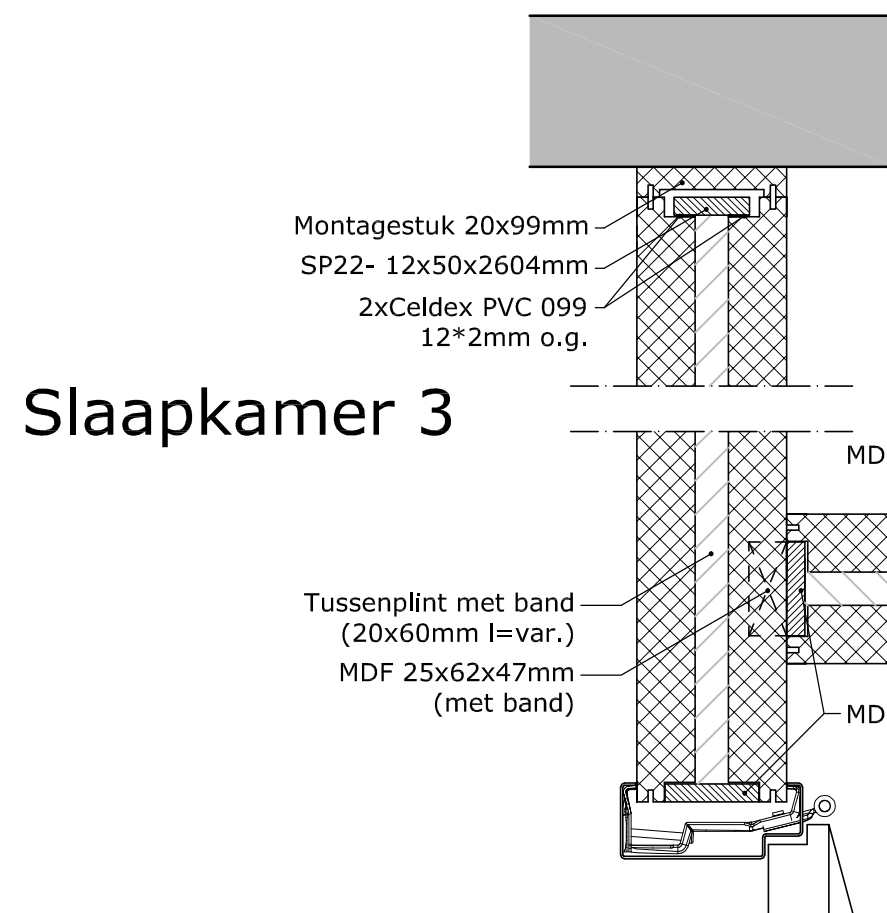
DET. 1



DET. 2



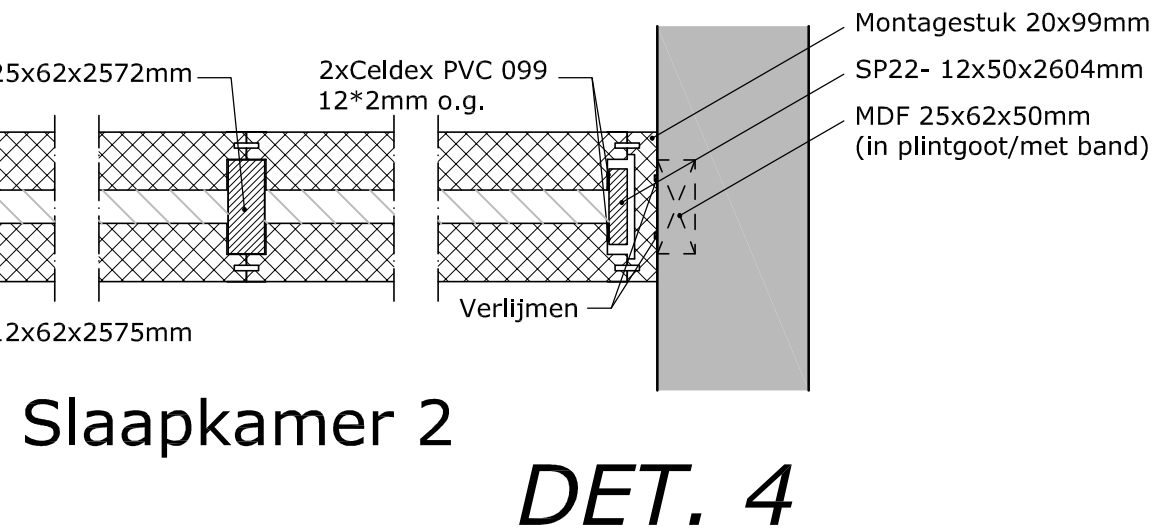
DET. 3



Slaapkamer 3

- Celdex pvc 099 12x2mm tpv
binnenwandsysteem slaapkamer 1
(e.e.a. toepassen voor geluidseisen)

Slaapkamer 1



Slaapkamer 2

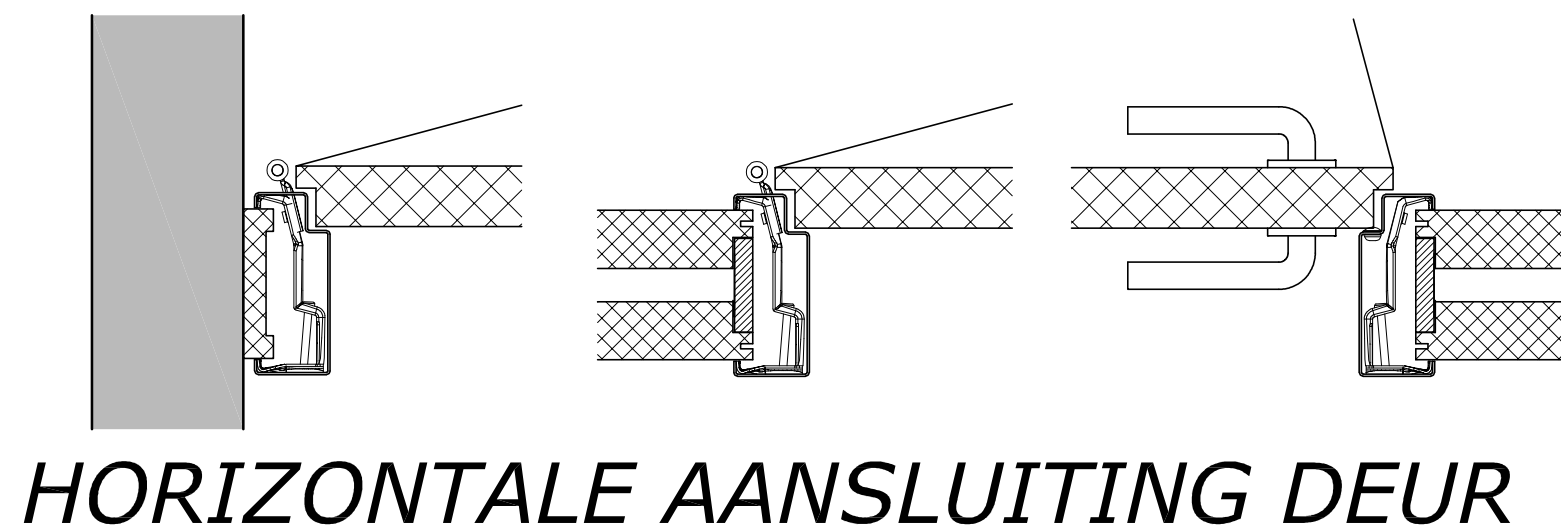
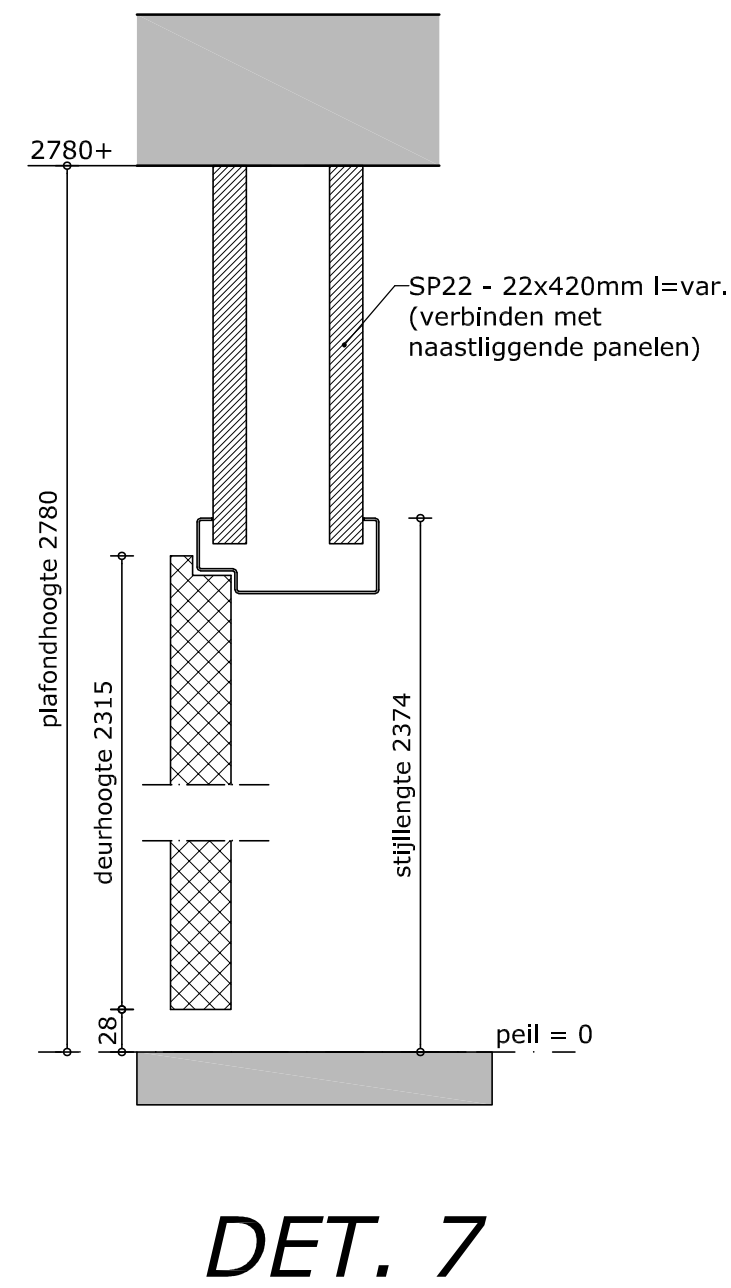
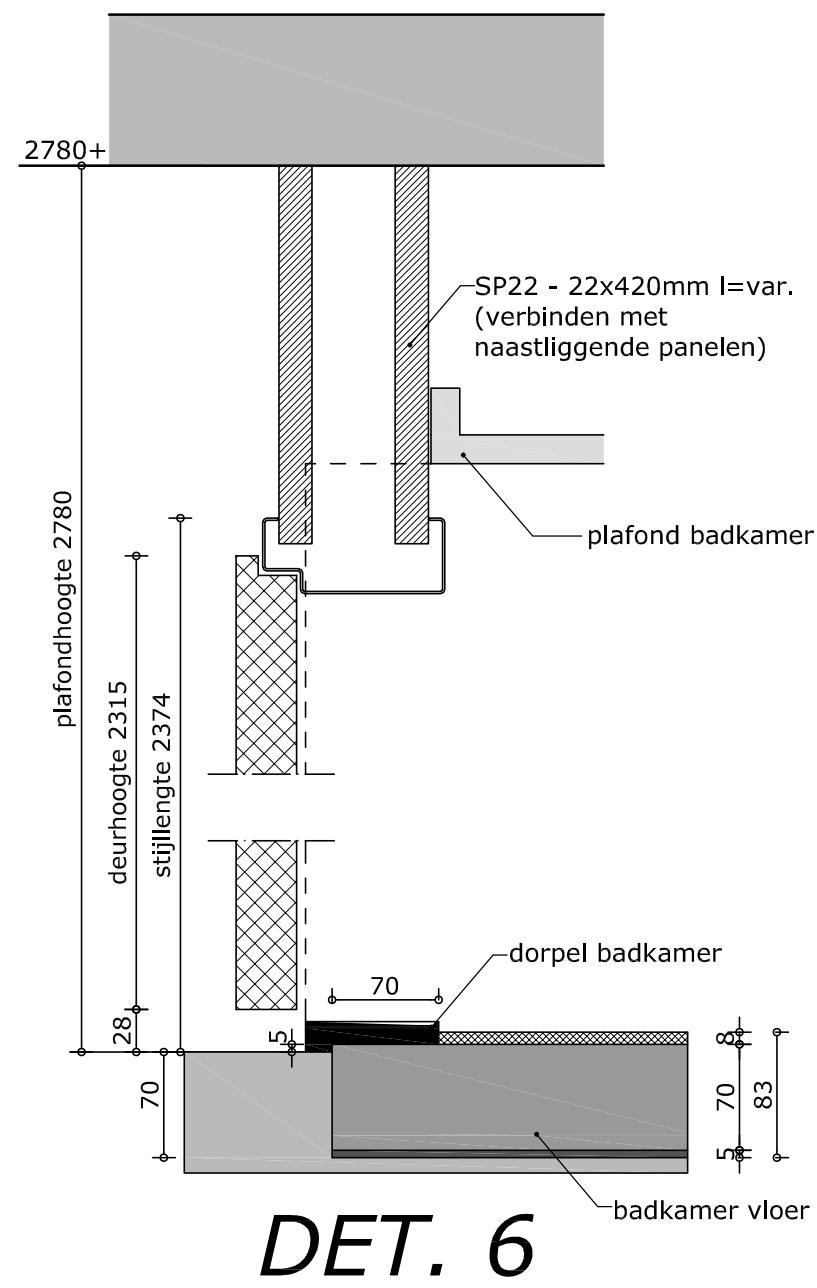
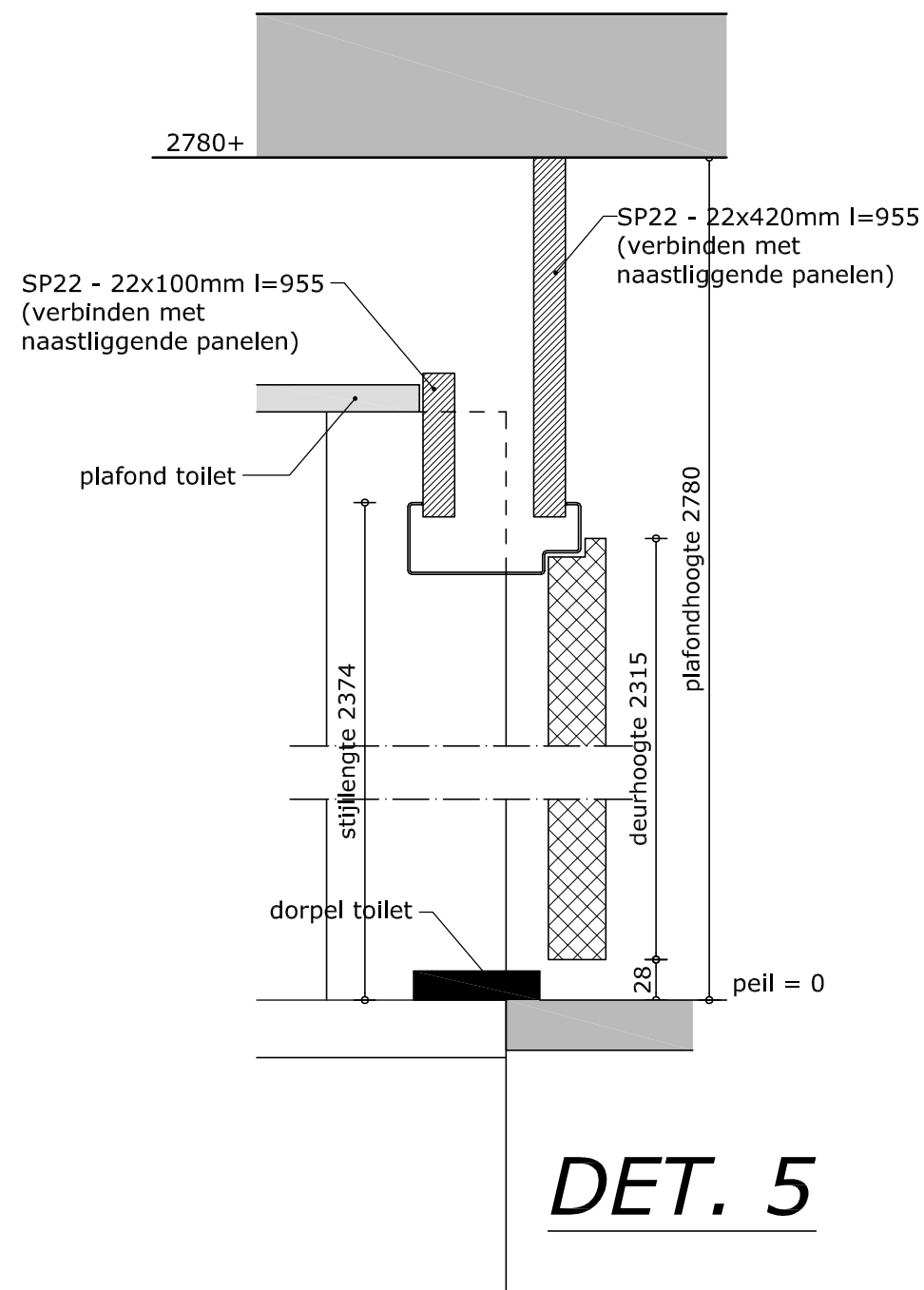
DET. 4

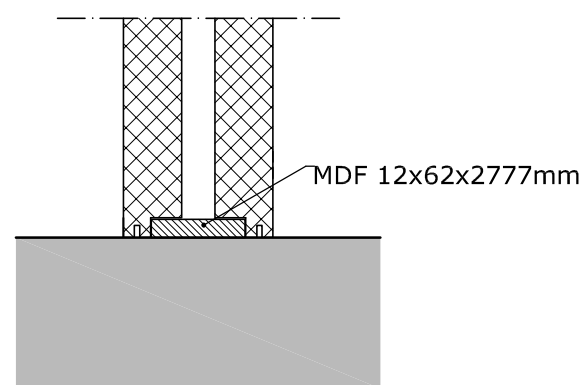
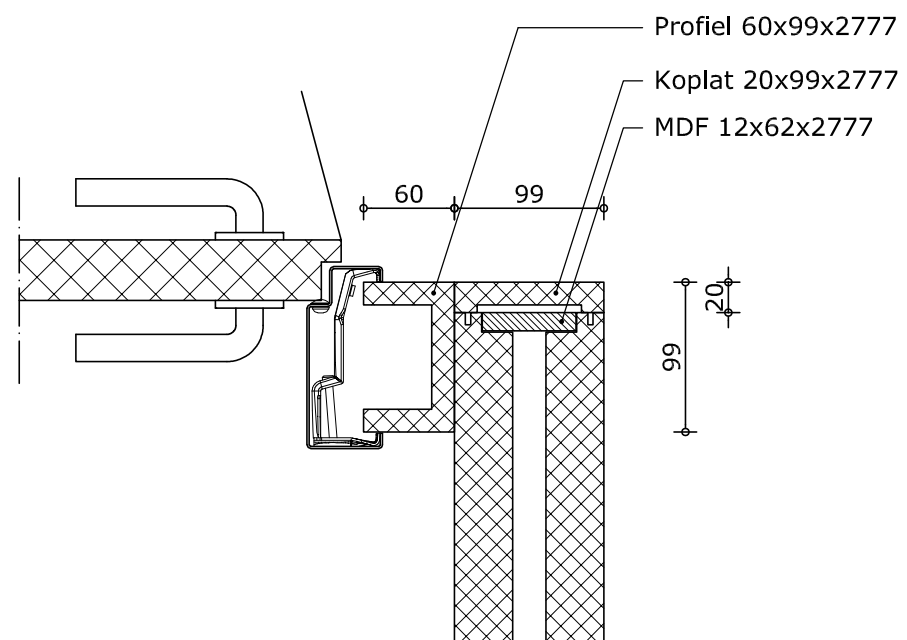


Betreft:
Reineardt binnenwanden

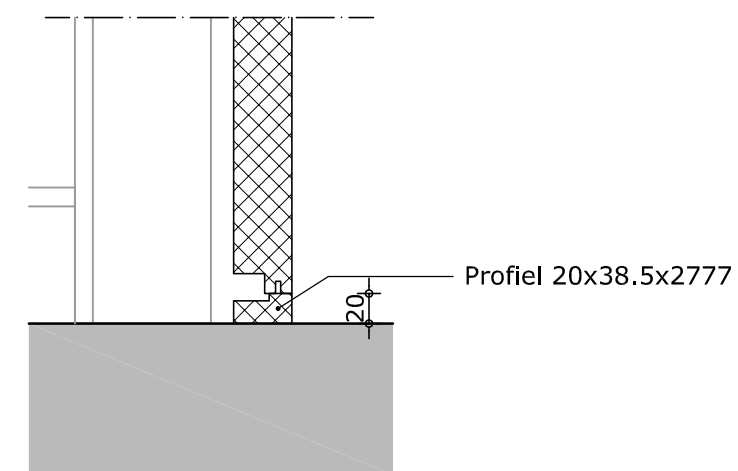
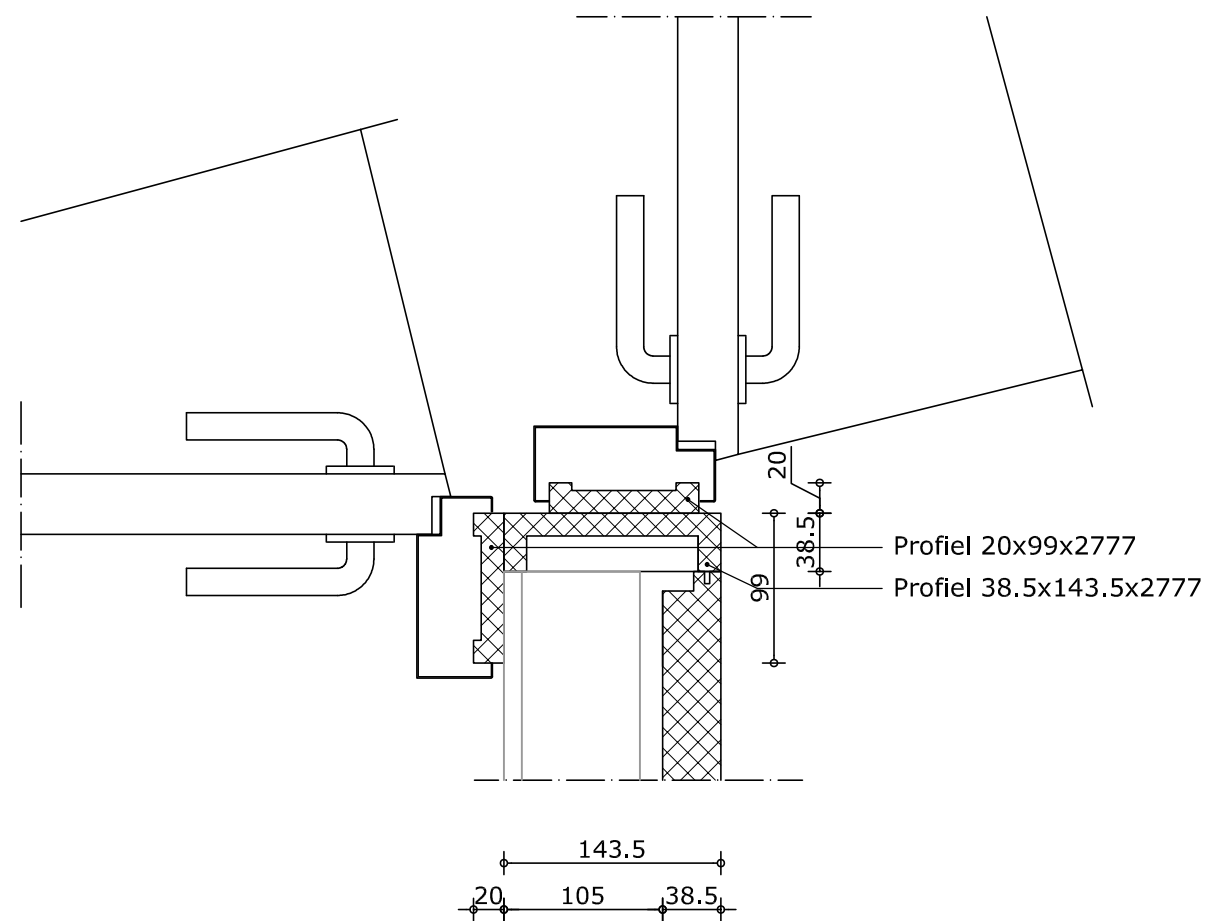
Tekeningnummer:

(22)-01





DET. 10

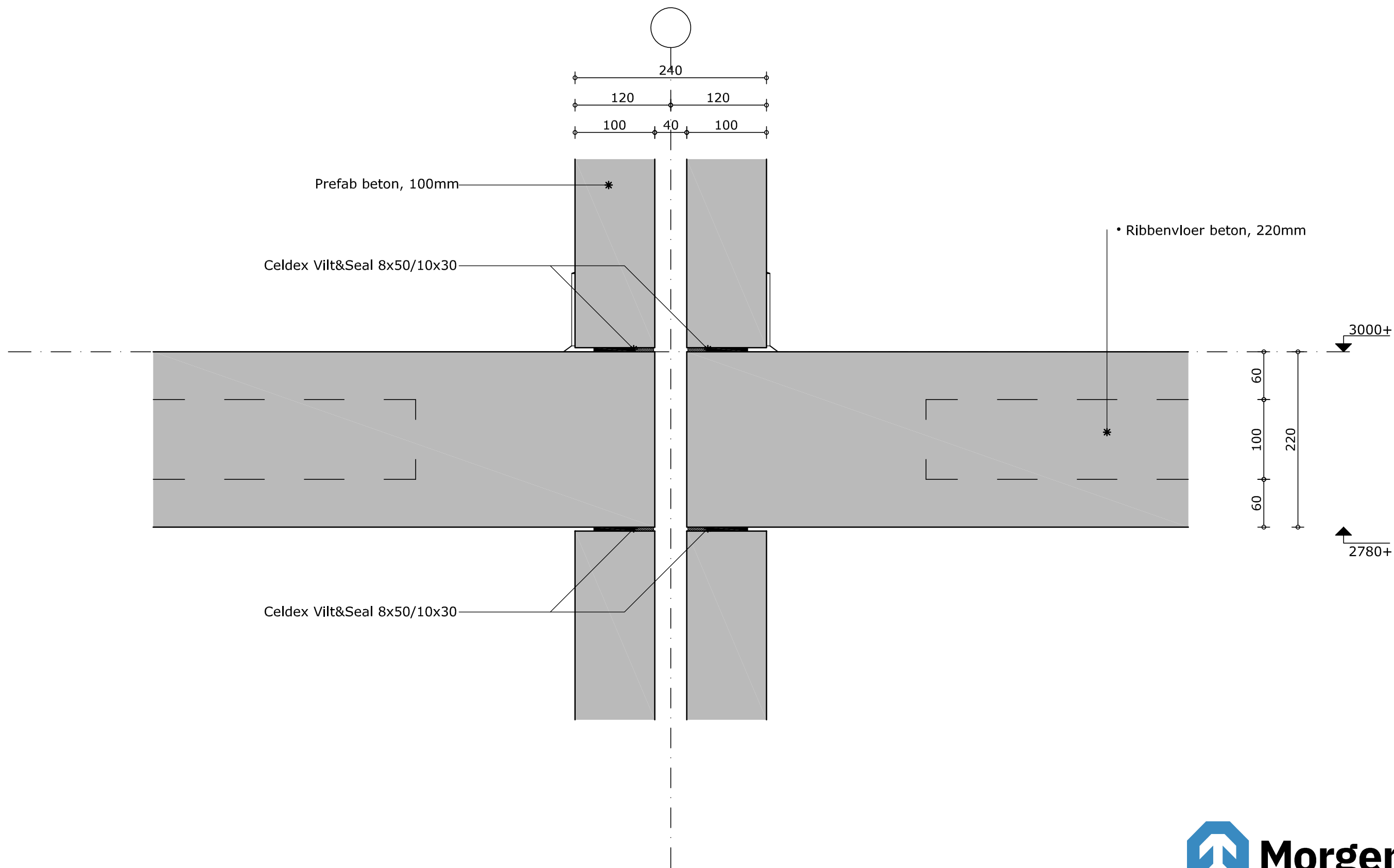


DET. 11



Betreft:
Reineardt binnenwanden/- deuren

Tekeningnummer: (22)-03

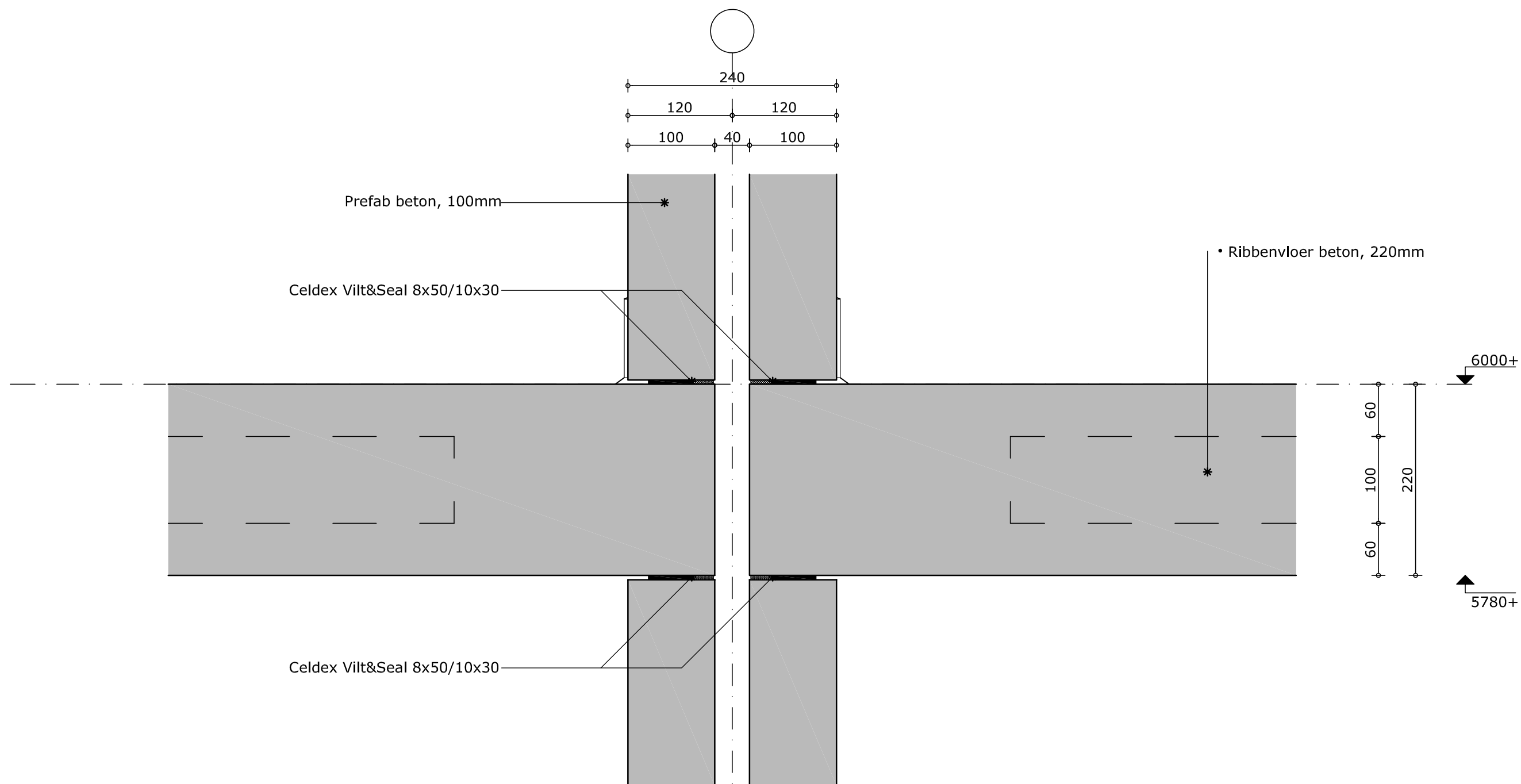


Totaal:
WBDBO 60 minuten!



Betreft:
Woningscheidende wand 1e verd.

Tekeningnummer: (23)-01

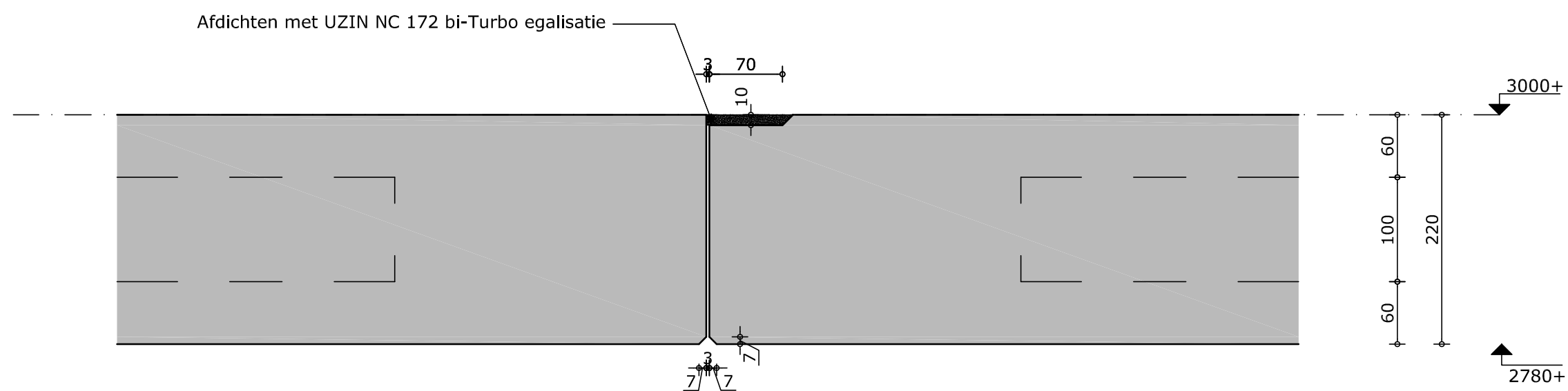


Totaal:
WBDBO 60 minuten!



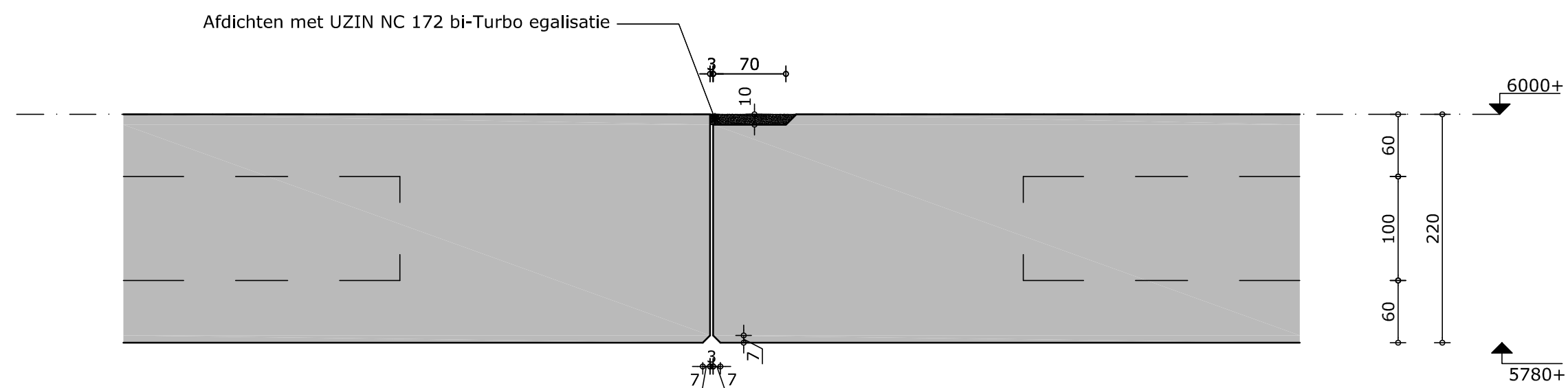
Betreft:
Woningscheidende wand 2de verd.

Tekeningnummer: (23)-02



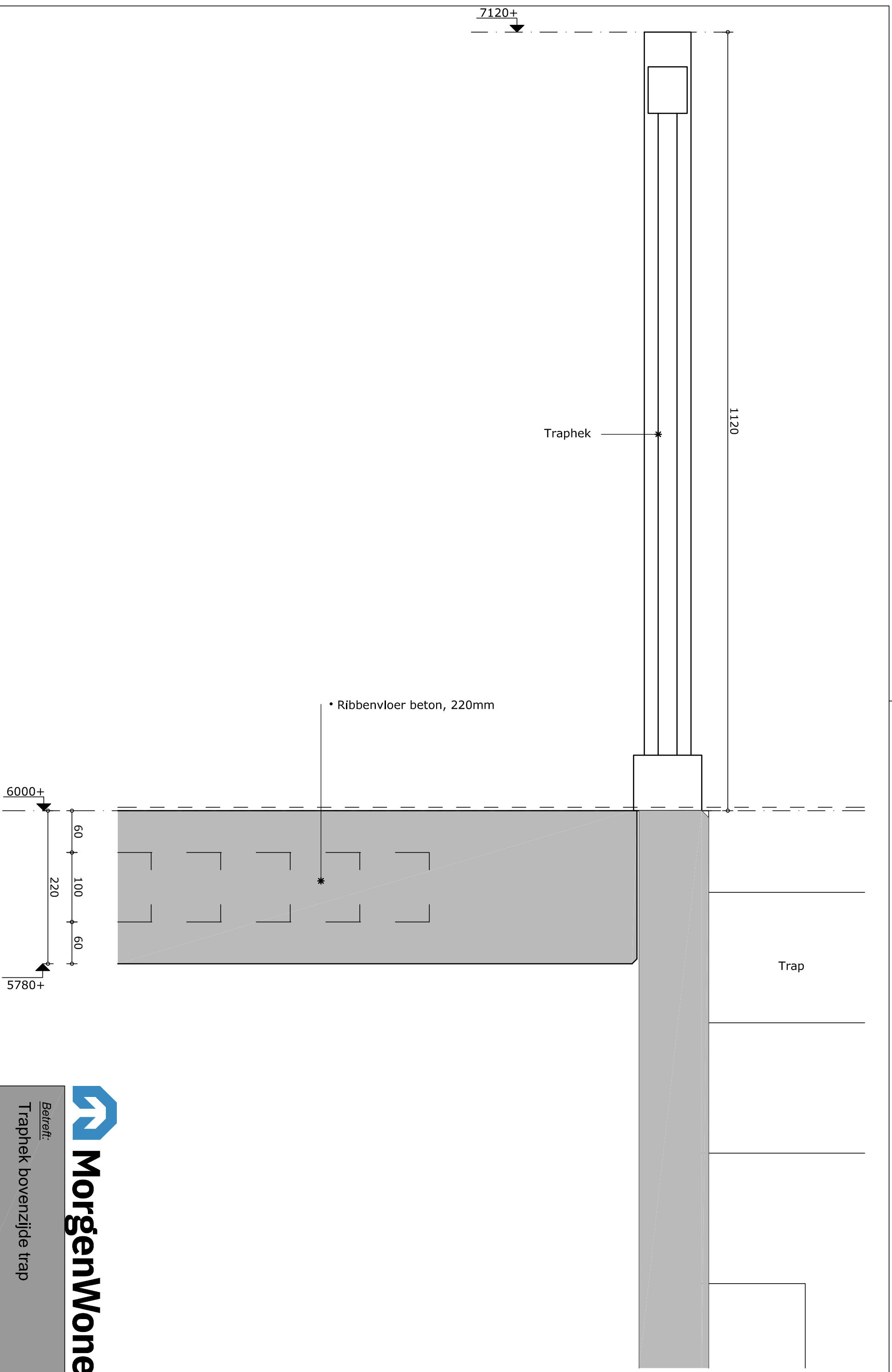
Betreft:
Onderlinge vloeraansluiting 1e verd.

Tekeningnummer: (23)-03



Betreft:
Onderlinge vloeraansluiting 2de verd.

Tekeningnummer: (23)-04



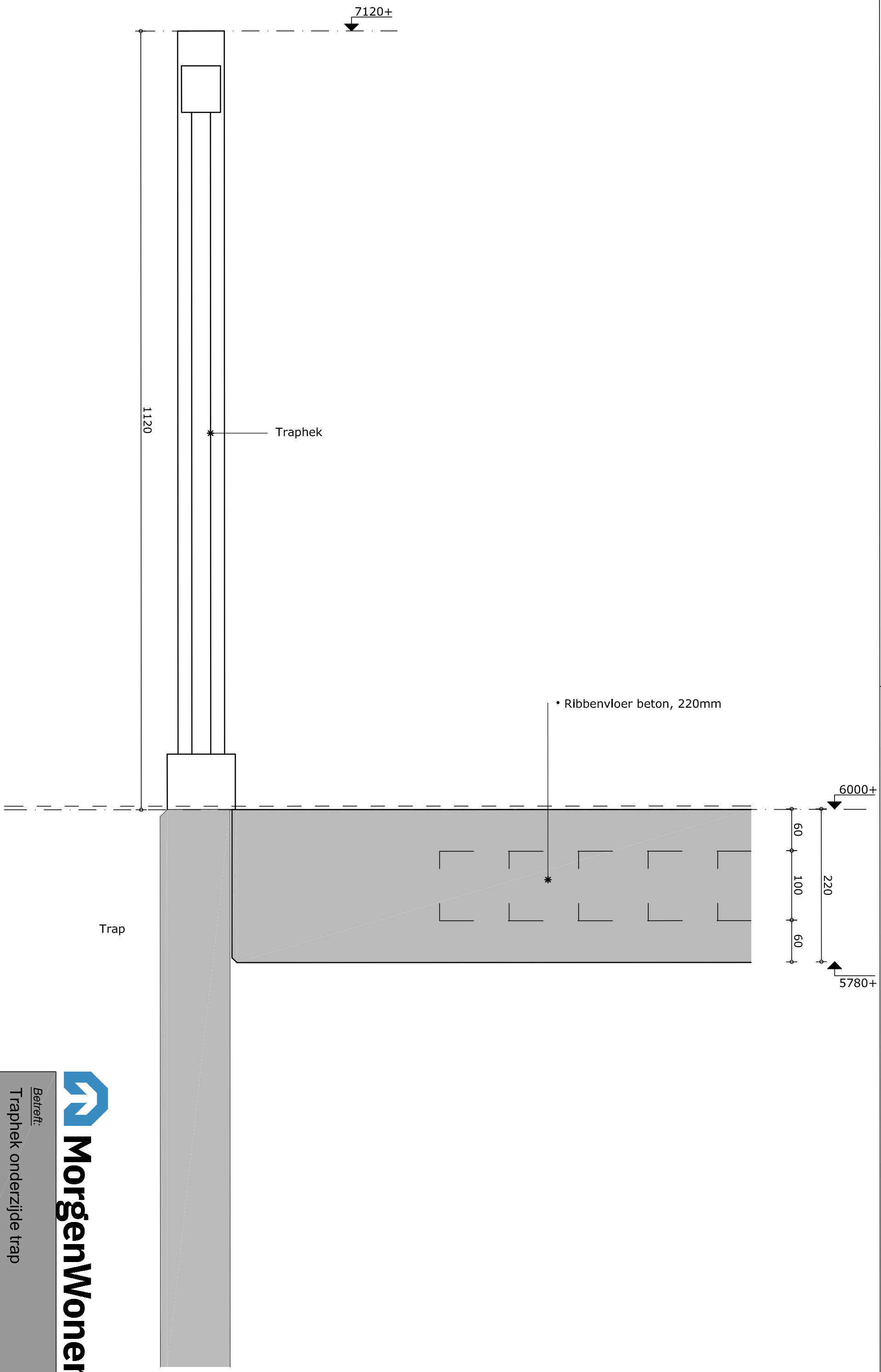
MorgenWonen

Betreff:

Traphiek bovenzijde trap

Tekeningnummer:

(24)-01

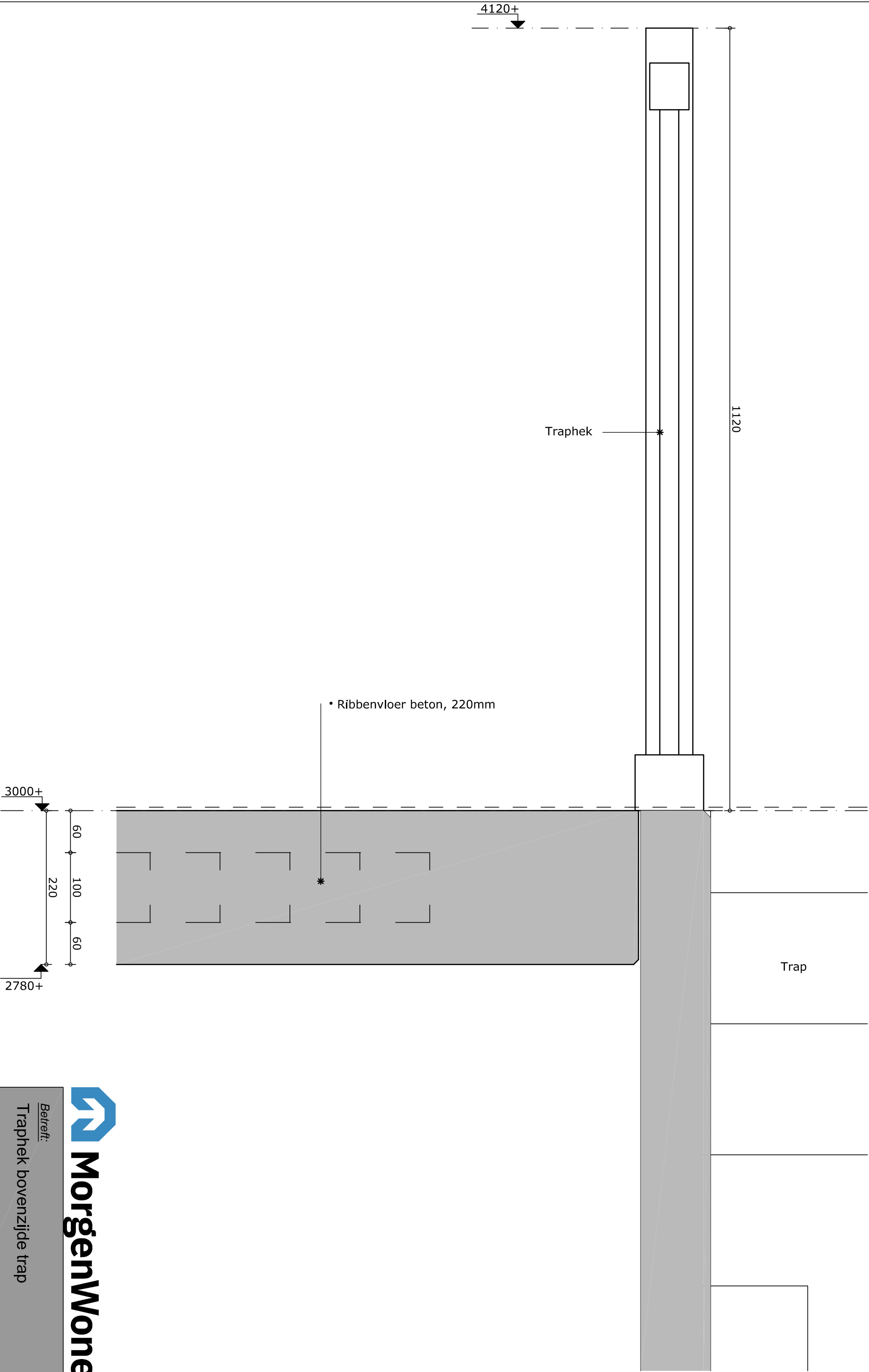


Betreff:

Traphek onderzijde trap

Tekeningnummer:

(24)-02

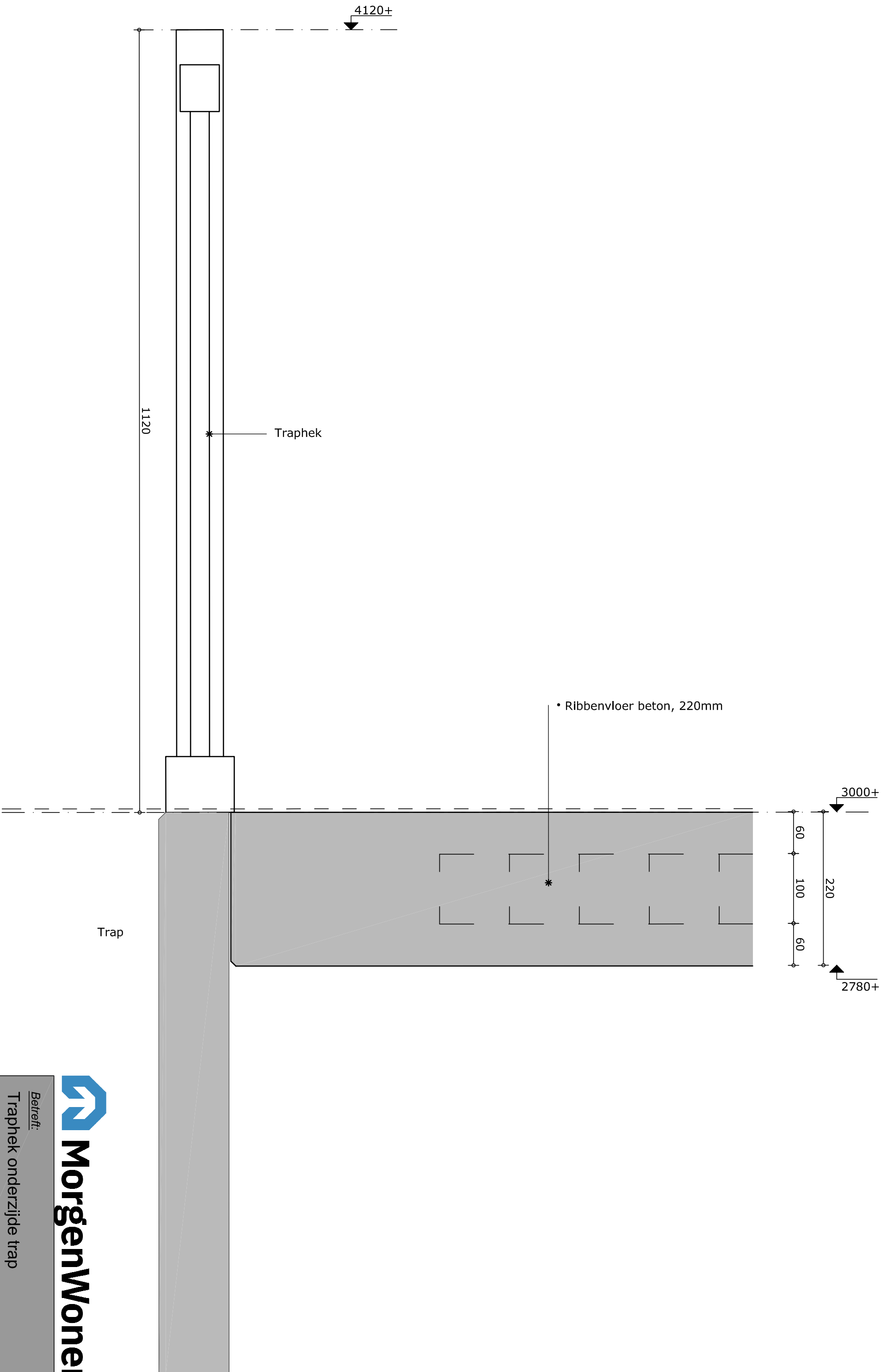


Betreft:

Traphek bovenzijde trap

Tekeningnummer:

(24)-03

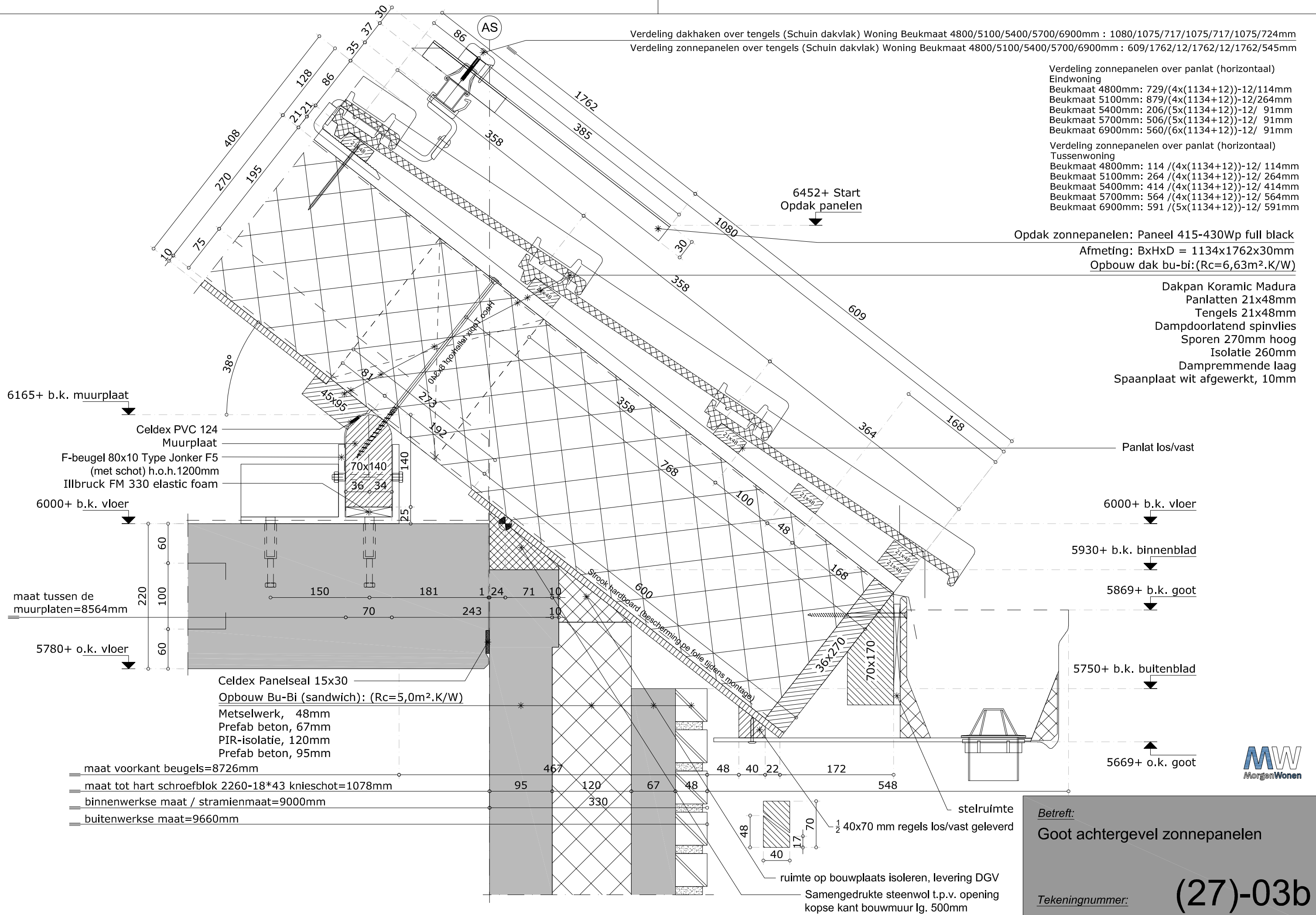


Betreft:

Traphek onderzijde trap

Tekeningnummer:

(24)-04

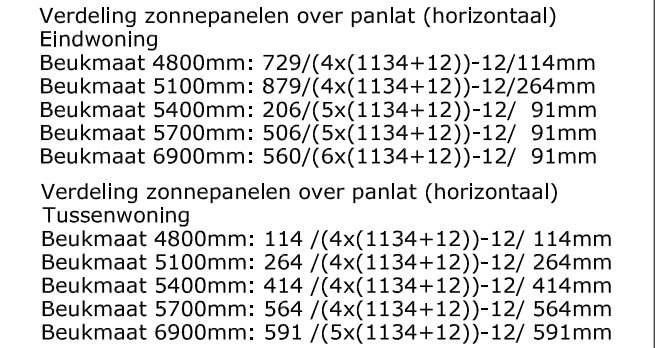


Betreft:
Goot achtergevel zonnepanelen

Tekeningnummer:

(27)-03b



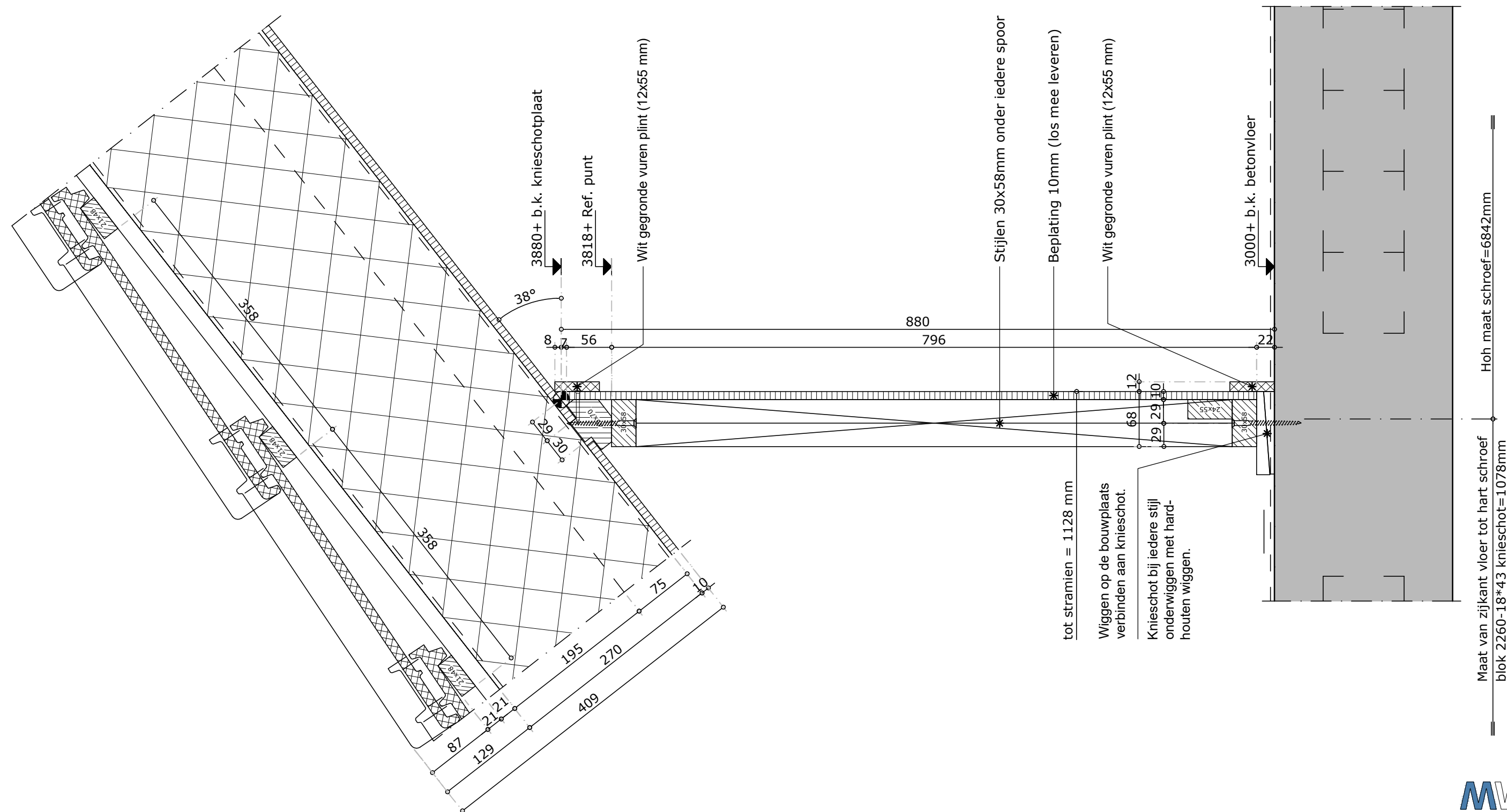


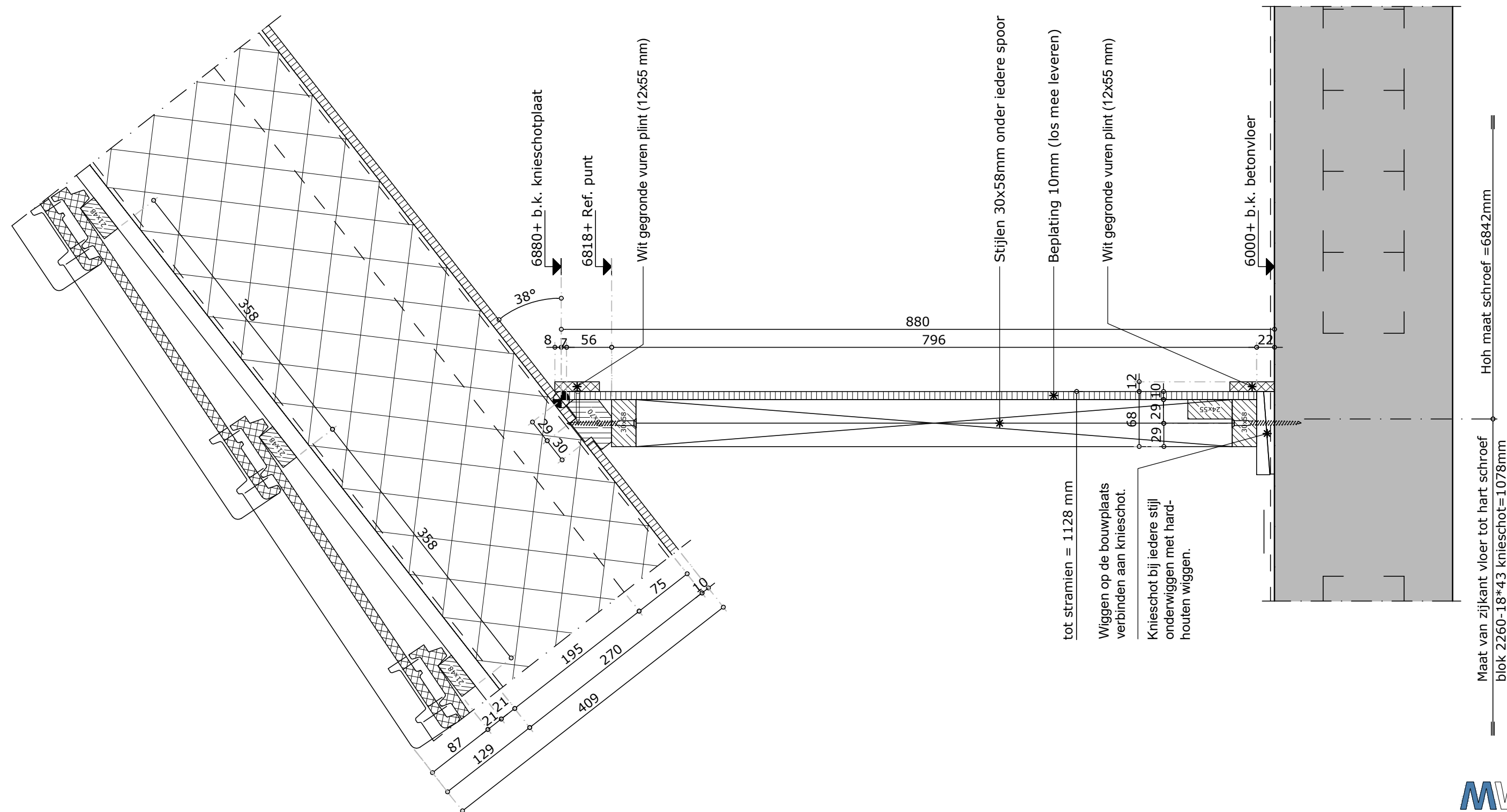
Dakpan Koramic Madura
Panlatten 21x48mm
Tengels 21x48mm
Dampdoorlatend spinnvlies
Sporen 270mm hoog
Isolatie 260mm
Dampremmende laag
Spaanplaat wit afgewerkt, 10mm

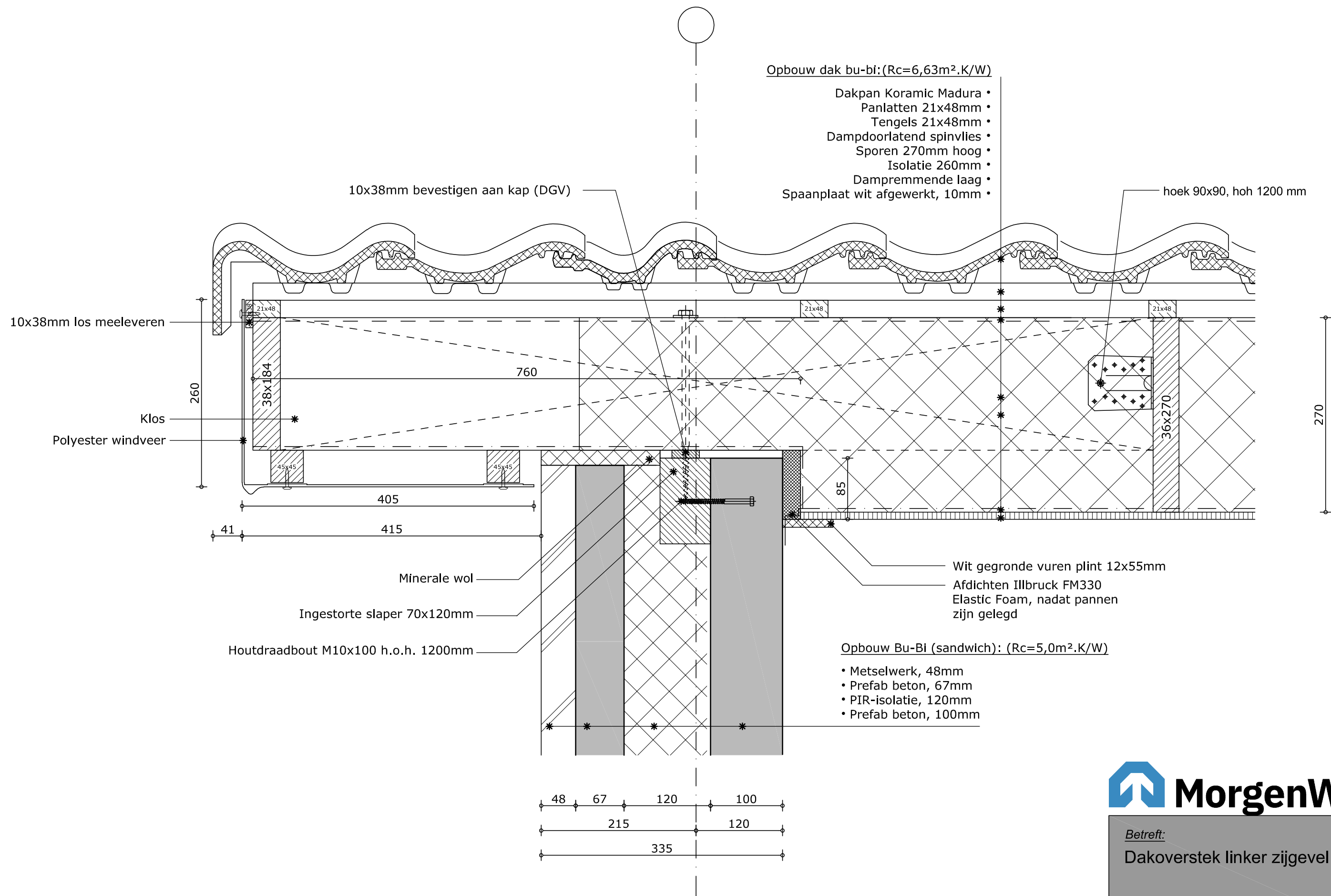
2669+ o.k. goot

(27)-04b





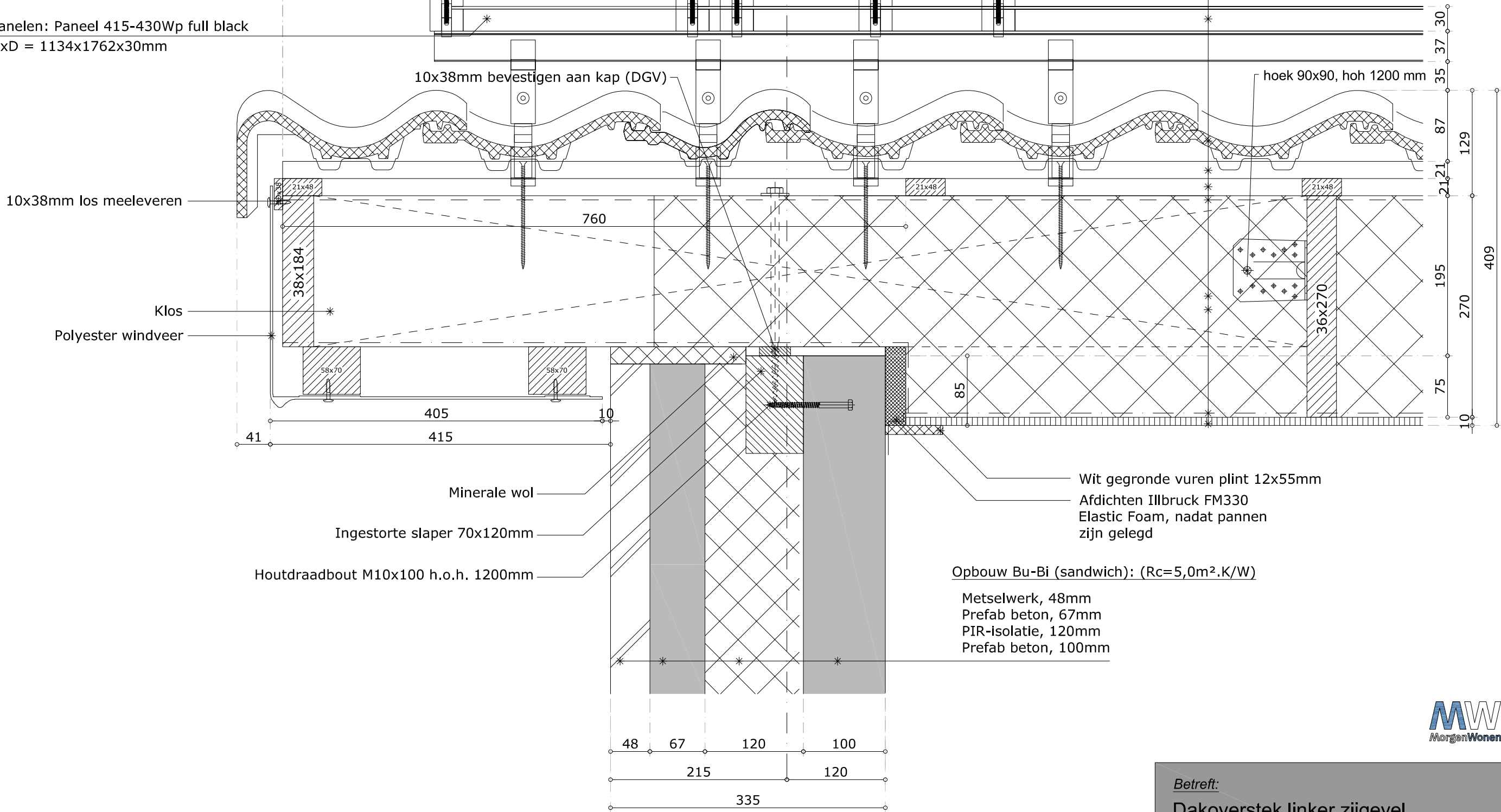




Verdeling zonnepanelen over panlat (horizontaal)
Eindwoning
Beukmaat 4800mm: 729/(4x(1134+12))-12/114mm
Beukmaat 5100mm: 879/(4x(1134+12))-12/264mm
Beukmaat 5400mm: 206/(5x(1134+12))-12/ 91mm
Beukmaat 5700mm: 506/(5x(1134+12))-12/ 91mm
Beukmaat 6900mm: 560/(6x(1134+12))-12/ 91mm
Verdeling zonnepanelen over panlat (horizontaal)
Tussenwoning
Beukmaat 4800mm: 114 /(4x(1134+12))-12/ 114mm
Beukmaat 5100mm: 264 /(4x(1134+12))-12/ 264mm
Beukmaat 5400mm: 414 /(4x(1134+12))-12/ 414mm
Beukmaat 5700mm: 564 /(4x(1134+12))-12/ 564mm
Beukmaat 6900mm: 591 /(5x(1134+12))-12/ 591mm

Opdak zonnepanelen: Paneel 415-430Wp full black
Afmeting: BxHxD = 1134x1762x30mm

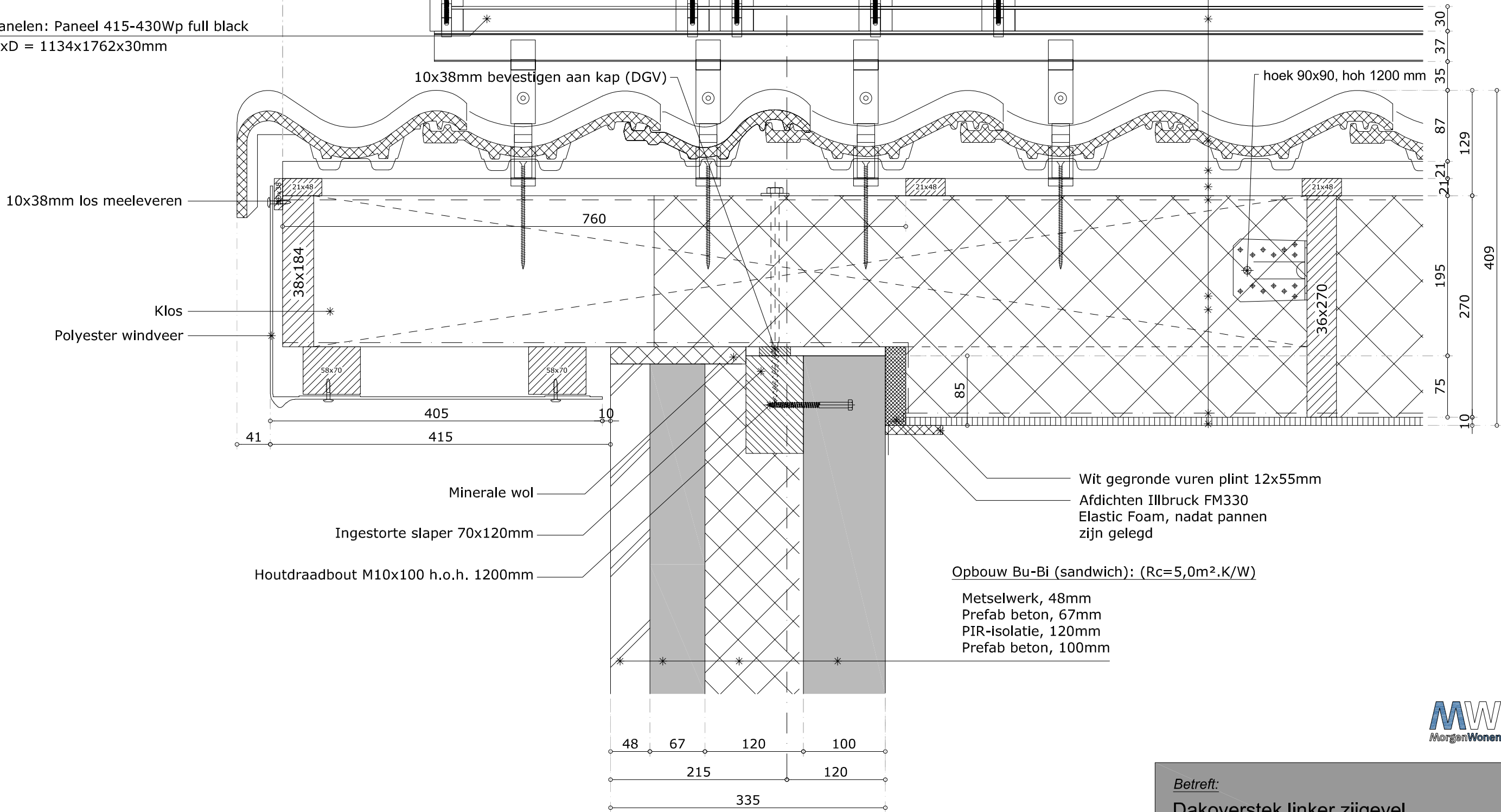
Opbouw dak bu-bi: (Rc=6,63m².K/W)
Opdak zonnepanelen
Dakpan Koramic Madura
Panlatten 21x48mm
Tengels 21x48mm
Dampdoorlatend spinnvlies
Sporen 270mm hoog
Isolatie 260mm
Dampremmende laag
Spaanplaat wit afgewerkt, 10mm



Verdeling zonnepanelen over panlat (horizontaal)
Eindwoning
Beukmaat 4800mm: 729/(4x(1134+12))-12/114mm
Beukmaat 5100mm: 879/(4x(1134+12))-12/264mm
Beukmaat 5400mm: 206/(5x(1134+12))-12/ 91mm
Beukmaat 5700mm: 506/(5x(1134+12))-12/ 91mm
Beukmaat 6900mm: 560/(6x(1134+12))-12/ 91mm
Verdeling zonnepanelen over panlat (horizontaal)
Tussenwoning
Beukmaat 4800mm: 114 /(4x(1134+12))-12/ 114mm
Beukmaat 5100mm: 264 /(4x(1134+12))-12/ 264mm
Beukmaat 5400mm: 414 /(4x(1134+12))-12/ 414mm
Beukmaat 5700mm: 564 /(4x(1134+12))-12/ 564mm
Beukmaat 6900mm: 591 /(5x(1134+12))-12/ 591mm

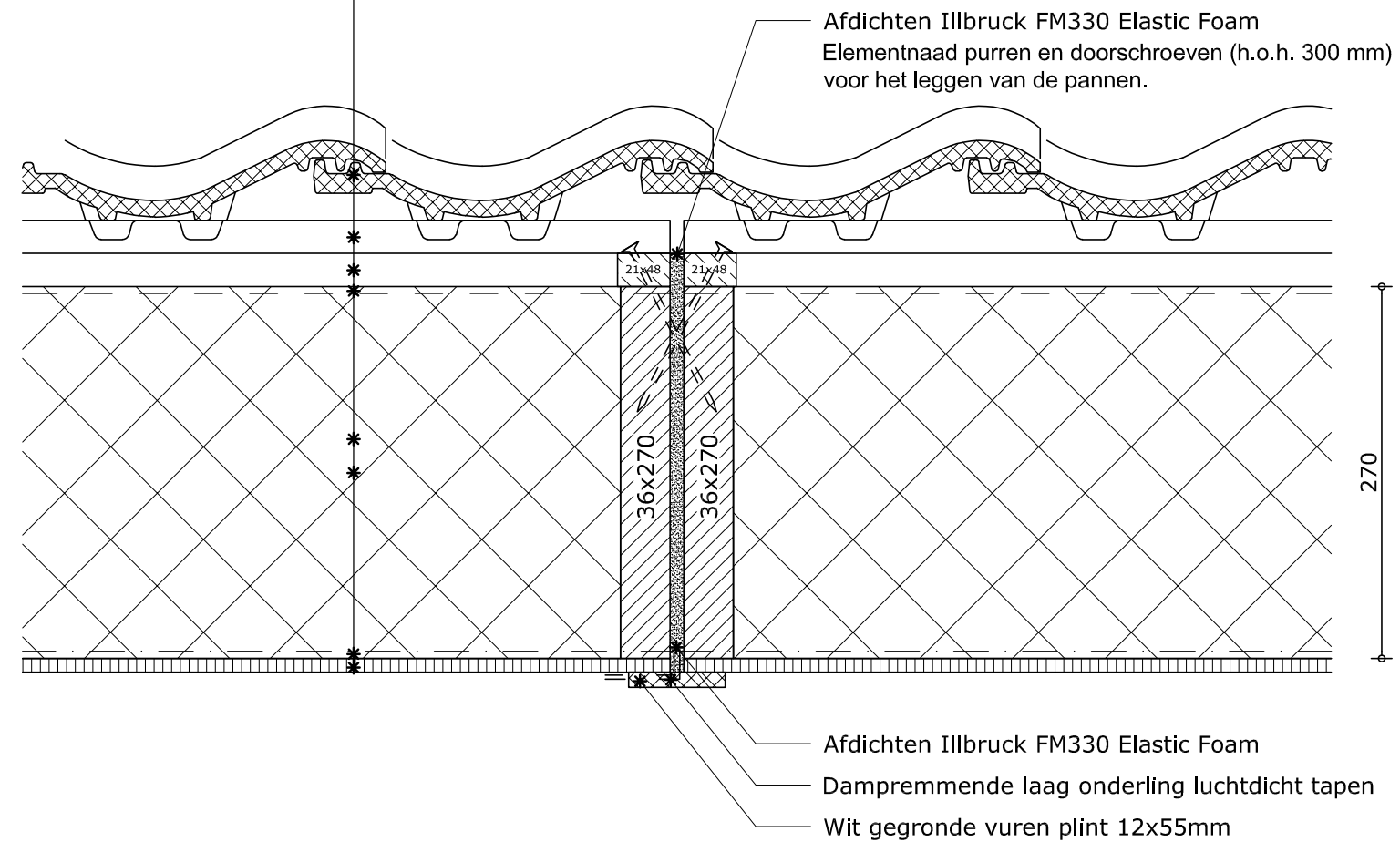
Opdak zonnepanelen: Paneel 415-430Wp full black
Afmeting: BxHxD = 1134x1762x30mm

Opbouw dak bu-bi: (Rc=6,63m².K/W)
Opdak zonnepanelen
Dakpan Koramic Madura
Panlatten 21x48mm
Tengels 21x48mm
Dampdoorlatend spinnvlies
Sporen 270mm hoog
Isolatie 260mm
Dampremmende laag
Spaanplaat wit afgewerkt, 10mm



Opbouw dak bu-bi: (Rc=6,63m².K/W)

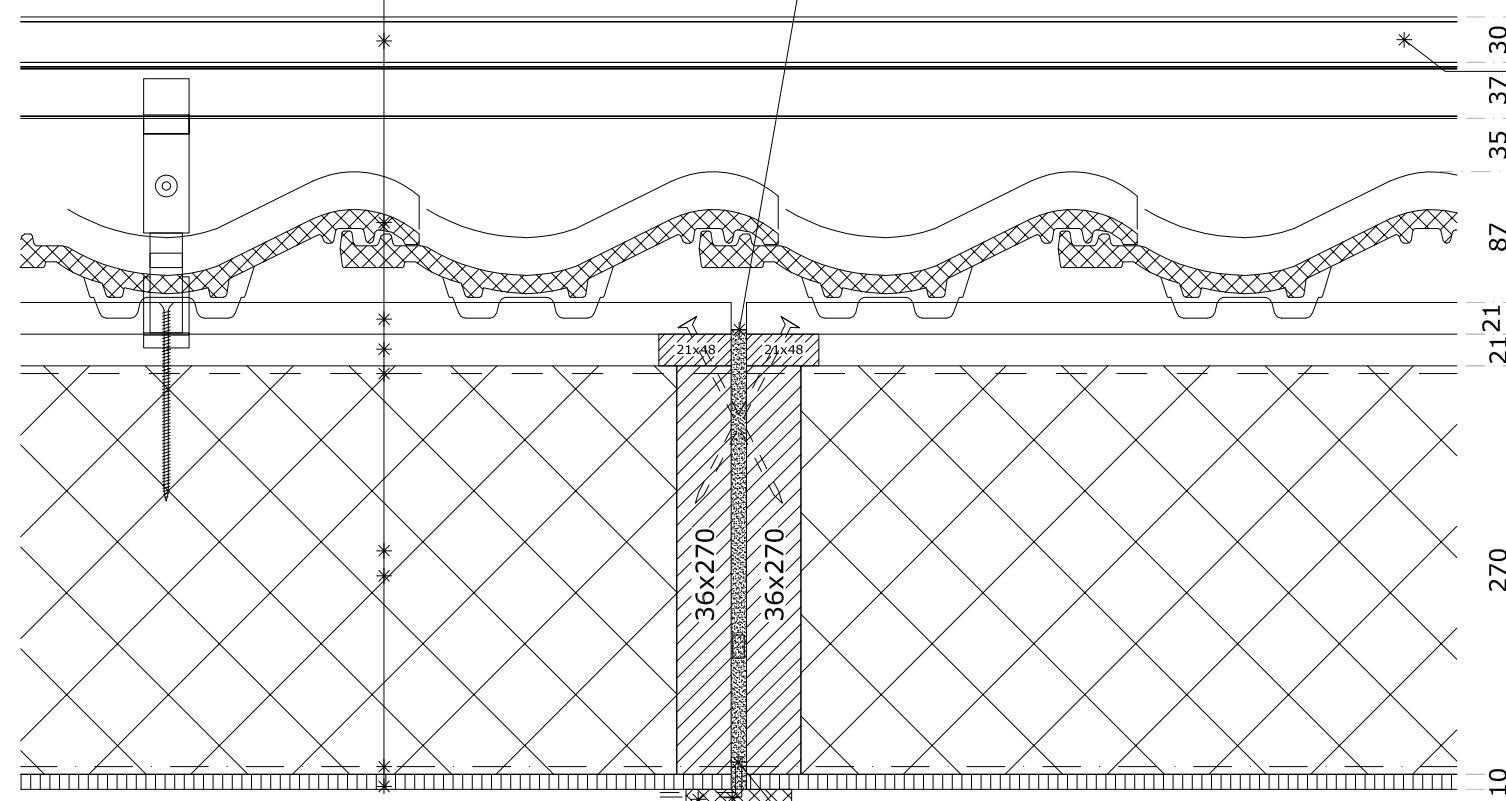
- Dakpan Koramic Madura •
- Panlatten 21x48mm •
- Tengels 21x48mm •
- Dampdoorlatend spinvlies •
- Sporen 270mm hoog •
- Isolatie 260mm •
- Dampremmende laag •
- Spaanplaat wit afgewerkt, 10mm •



Opbouw dak bu-bi: (Rc=6,63m².K/W)

Opdak zonnepanelen
Dakpan Koramic Madura
Panlatten 21x48mm
Tengels 21x48mm
Dampdoorlatend spinvlies
Sporen 270mm hoog
Isolatie 260mm
Dampremmende laag
Spaanplaat wit afgewerkt, 10mm

Afdichten Illbruck FM330 Elastic Foam
Elementnaad purren en doorschroeven (h.o.h. 300 mm)
voor het leggen van de pannen.



Afdichten Illbruck FM330 Elastic Foam
Dampremmende laag onderling luchtdicht tapen
Wit gegronde vuren plint 12x55mm

Verdeling zonnepanelen over panlat (horizontaal)
Eindwoning
Beukmaat 4800mm: 729/(4x(1134+12))-12/114mm
Beukmaat 5100mm: 879/(4x(1134+12))-12/264mm
Beukmaat 5400mm: 206/(5x(1134+12))-12/ 91mm
Beukmaat 5700mm: 506/(5x(1134+12))-12/ 91mm
Beukmaat 6900mm: 560/(6x(1134+12))-12/ 91mm

Verdeling zonnepanelen over panlat (horizontaal)
Tussenwoning
Beukmaat 4800mm: 114 /(4x(1134+12))-12/ 114mm
Beukmaat 5100mm: 264 /(4x(1134+12))-12/ 264mm
Beukmaat 5400mm: 414 /(4x(1134+12))-12/ 414mm
Beukmaat 5700mm: 564 /(4x(1134+12))-12/ 564mm
Beukmaat 6900mm: 591 /(5x(1134+12))-12/ 591mm

Opdak zonnepanelen: Paneel 415-430Wp full black
Afmeting: BxHxD = 1134x1762x30mm



Betreft:

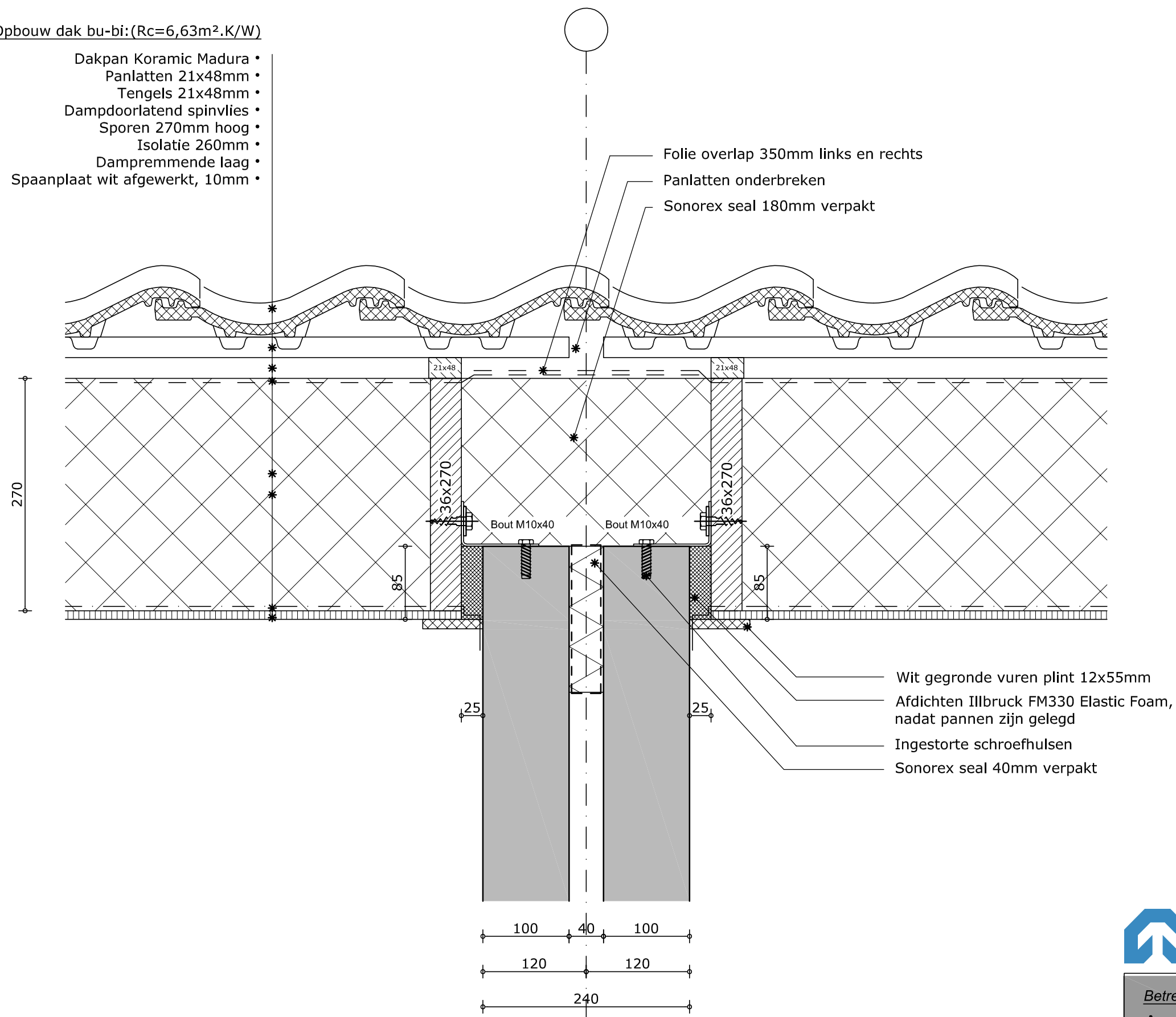
Onderlinge aansluiting dakelementen
zonnepanelen

Tekeningnummer:

(27)-10b

Opbouw dak bu-bi: (Rc=6,63m².K/W)

- Dakpan Koramic Madura •
- Panlatten 21x48mm •
- Tengels 21x48mm •
- Dampdoorlatend spinvlies •
- Sporen 270mm hoog •
- Isolatie 260mm •
- Dampremmende laag •
- Spaanplaat wit afgewerkt, 10mm •



Totaal:
WBDBO 60 minuten!

 **MorgenWonen**

Betreft:
Aansluiting dakelementen met
bouwmuur

Tekeningnummer:

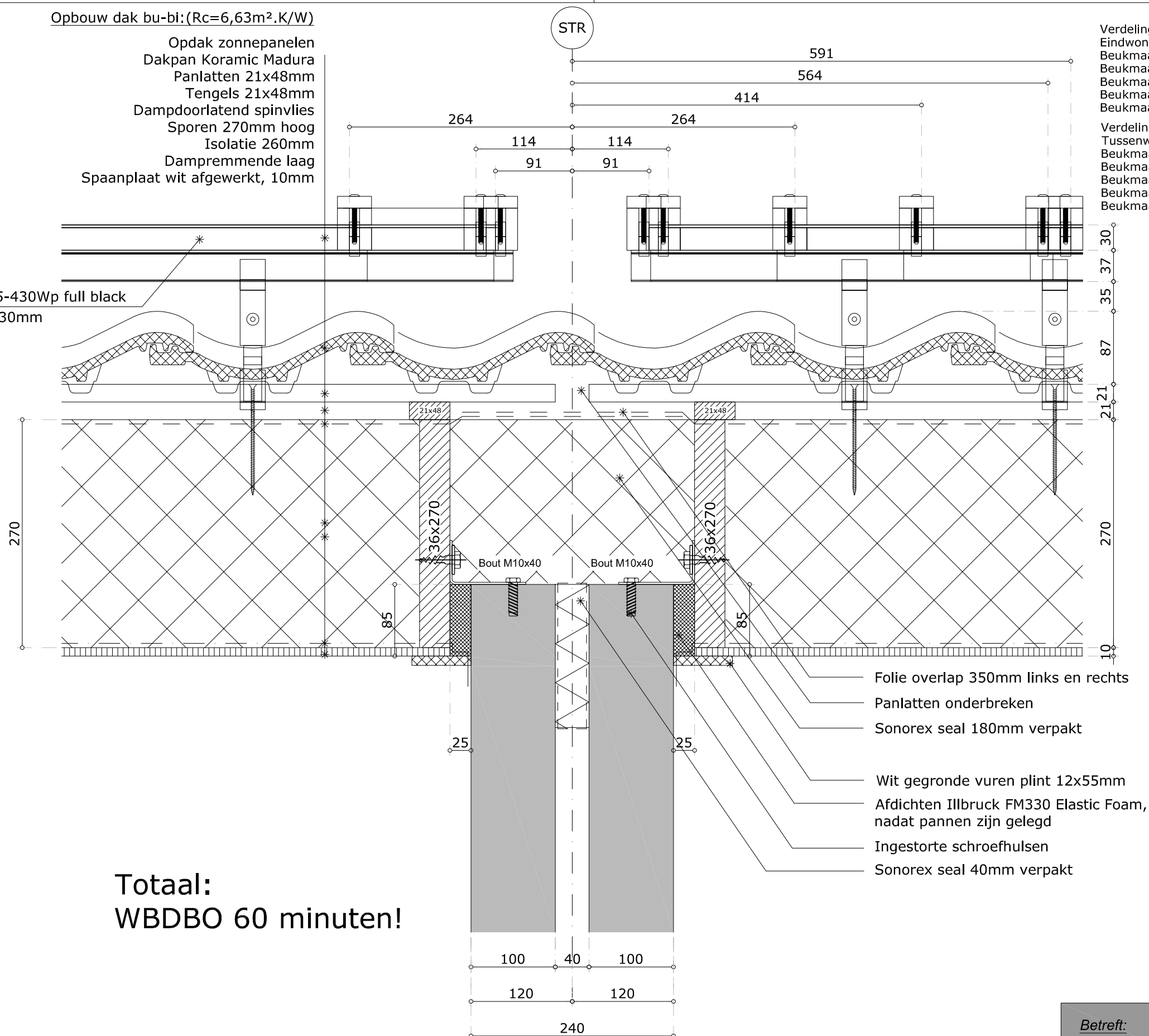
(27)-11

Opbouw dak bu-bi: (Rc=6,63m².K/W)

Opdak zonnepanelen
Dakpan Koramic Madura
Panlatten 21x48mm
Tengels 21x48mm
Dampdoorlatend spinvlies
Sporen 270mm hoog
Isolatie 260mm
Dampremmende laag
Spaanplaat wit afgewerkt, 10mm

Opdak zonnepanelen: Paneel 415-430Wp full black

Afmeting: BxHxD = 1134x1762x30mm



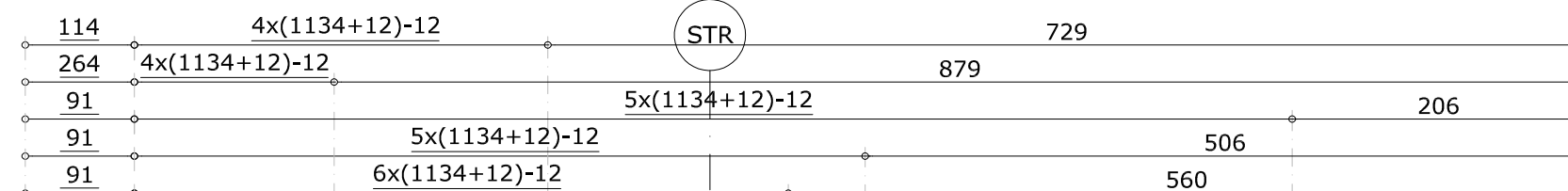
Verdeling zonnepanelen over panlat (horizontaal)
Eindwoning
Beukmaat 4800mm: 729/(4x(1134+12))-12/114mm
Beukmaat 5100mm: 879/(4x(1134+12))-12/264mm
Beukmaat 5400mm: 206/(5x(1134+12))-12/ 91mm
Beukmaat 5700mm: 506/(5x(1134+12))-12/ 91mm
Beukmaat 6900mm: 560/(6x(1134+12))-12/ 91mm

Verdeling zonnepanelen over panlat (horizontaal)
Tussenwoning
Beukmaat 4800mm: 114 /(4x(1134+12))-12/ 114mm
Beukmaat 5100mm: 264 /(4x(1134+12))-12/ 264mm
Beukmaat 5400mm: 414 /(4x(1134+12))-12/ 414mm
Beukmaat 5700mm: 564 /(4x(1134+12))-12/ 564mm
Beukmaat 6900mm: 591 /(5x(1134+12))-12/ 591mm

Totaal:
WBDBO 60 minuten!

Opbouw dak bu-bi: (Rc=6,63m².K/W)

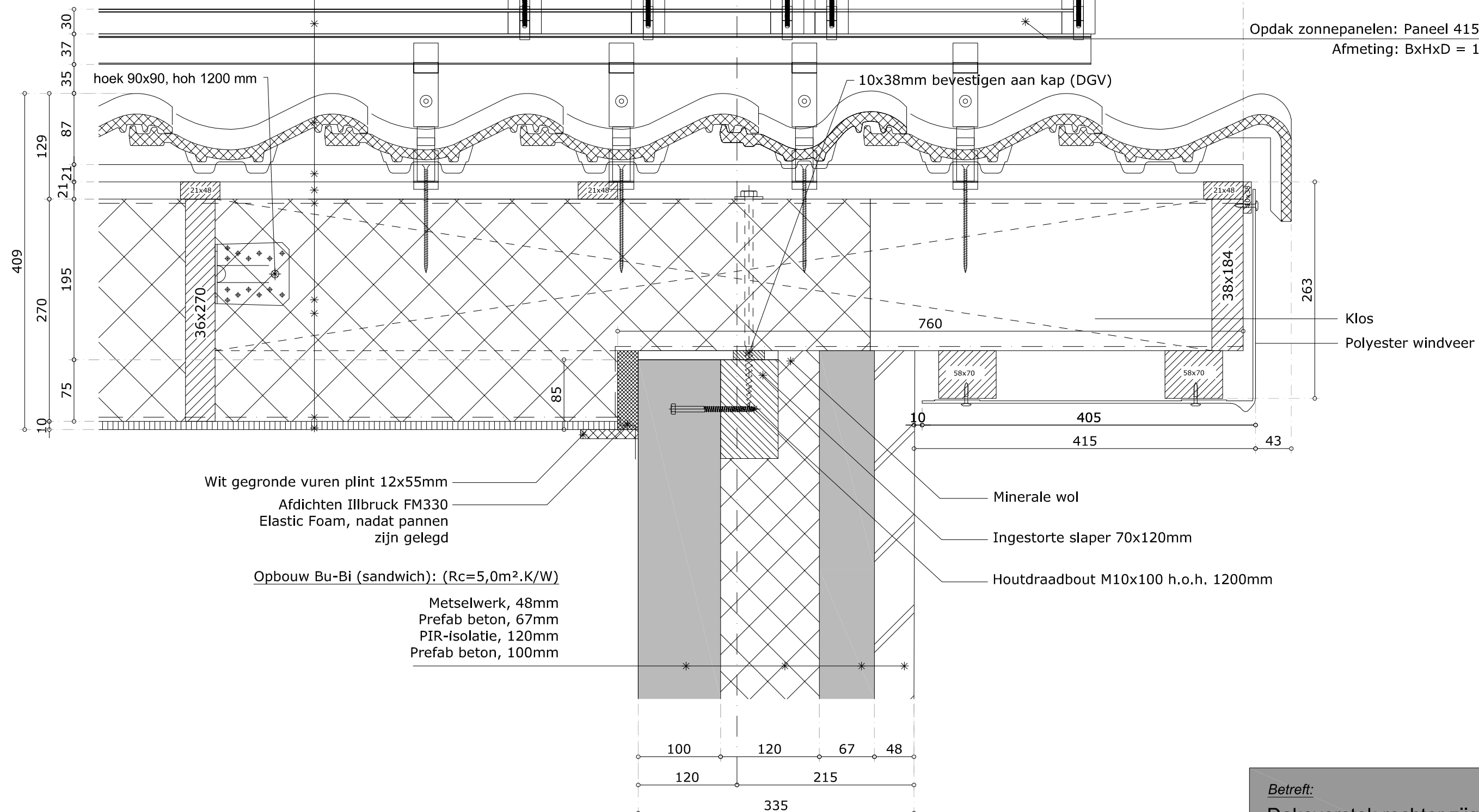
Opdak zonnepanelen
Dakpan Koramic Madura
Panlatten 21x48mm
Tengels 21x48mm
Dampdoorlatend spinvlies
Sporen 270mm hoog
Isolatie 260mm
Dampremmende laag
Spaanplaat wit afgewerkt, 10mm



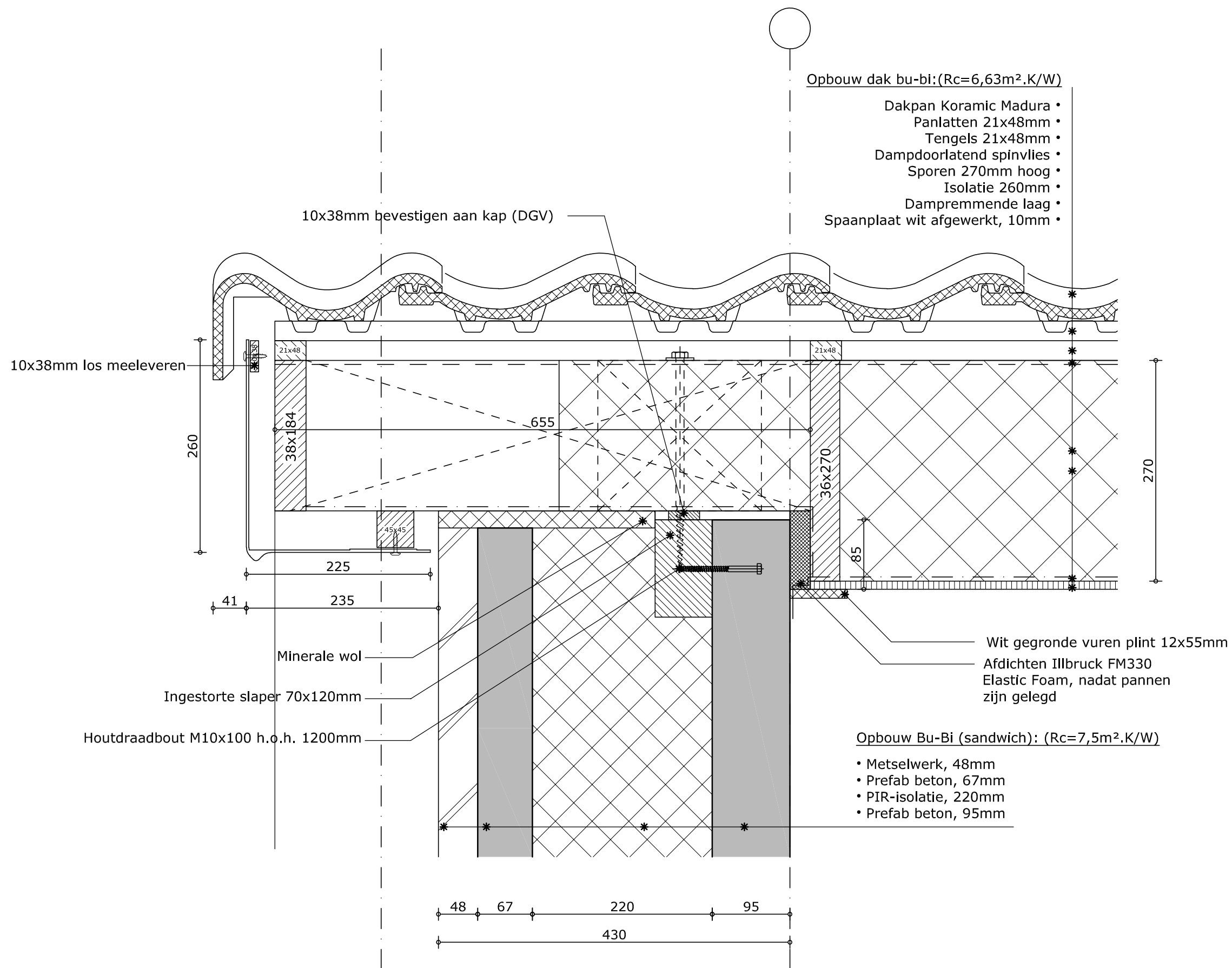
Verdeling zonnepanelen over panlat (horizontaal)
Eindwoning
Beukmaat 4800mm: 729/(4x(1134+12))-12/114mm
Beukmaat 5100mm: 879/(4x(1134+12))-12/264mm
Beukmaat 5400mm: 206/(5x(1134+12))-12/ 91mm
Beukmaat 5700mm: 506/(5x(1134+12))-12/ 91mm
Beukmaat 6900mm: 560/(6x(1134+12))-12/ 91mm

Verdeling zonnepanelen over panlat (horizontaal)
Tussenwoning
Beukmaat 4800mm: 114 /(4x(1134+12))-12/ 114mm
Beukmaat 5100mm: 264 /(4x(1134+12))-12/ 264mm
Beukmaat 5400mm: 414 /(4x(1134+12))-12/ 414mm
Beukmaat 5700mm: 564 /(4x(1134+12))-12/ 564mm
Beukmaat 6900mm: 591 /(5x(1134+12))-12/ 591mm

Opdak zonnepanelen: Paneel 415-430Wp full black
Afmeting: BxHxD = 1134x1762x30mm

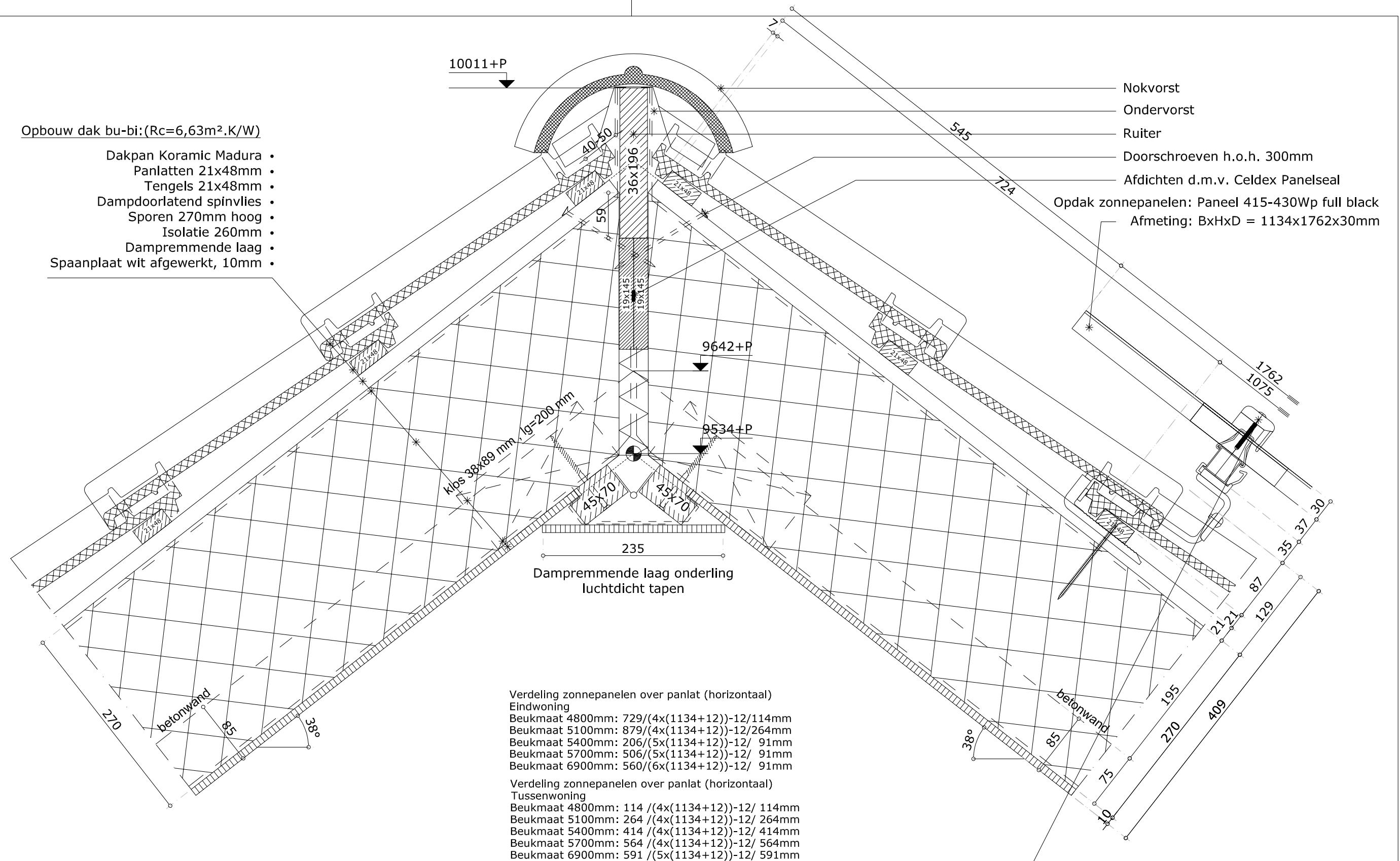


Verdeling dakhaken over tengels (Schuin dakvlak) Woning Beukmaat 4800/5100/5400/5700/6900mm: 1080/1075/717/1075/717/1075/724mm
Verdeling zonnepanelen over tengels (Schuin dakvlak) Woning Beukmaat 4800/5100/5400/5700/6900mm: 609/1762/12/1762/12/1762/545mm



Opbouw dak bu-bi: (Rc=6,63m².K/W)

- Dakpan Koramic Madura
- Panlatten 21x48mm
- Tengels 21x48mm
- Dampdoorlatend spinvlies
- Sporen 270mm hoog
- Isolatie 260mm
- Dampremmende laag
- Spaanplaat wit afgewerkt, 10mm

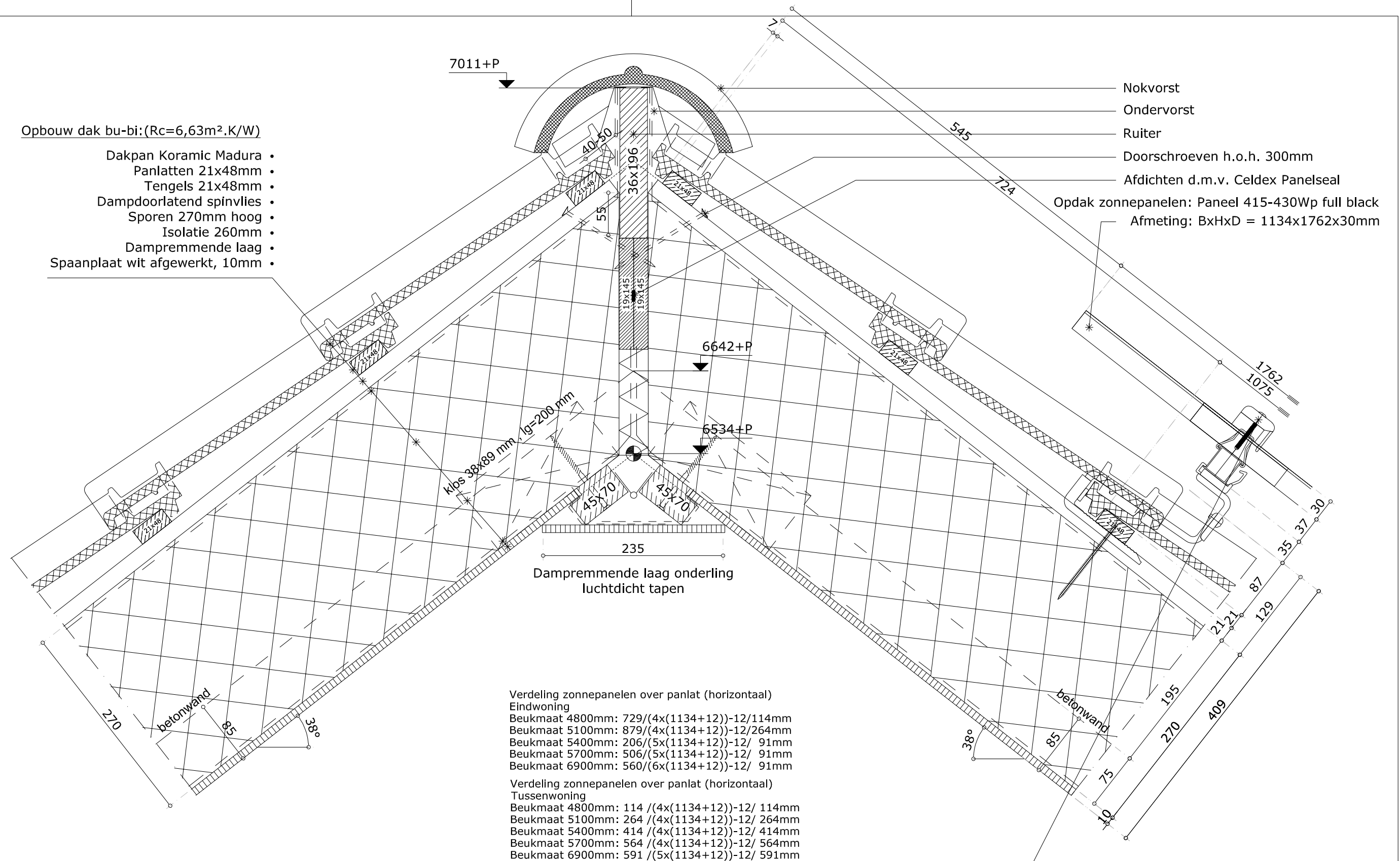


Verdeling dakhaken over tengels (Schuin dakvlak) Woning Beukmaat 4800/5100/5400/5700/6900mm: 1080/1075/717/1075/717/1075/724mm

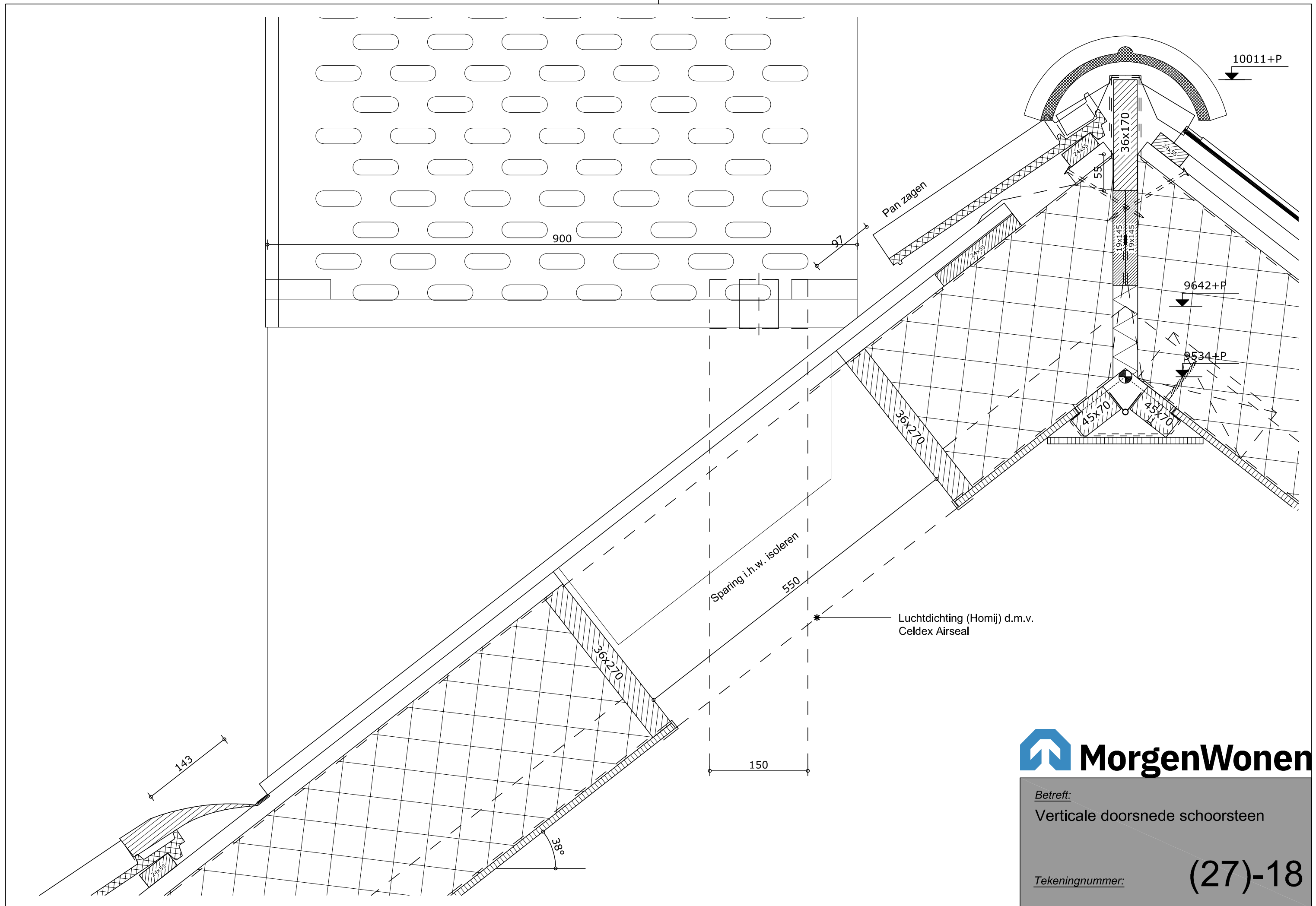
Verdeling zonnepanelen over tengels (Schuin dakvlak) Woning Beukmaat 4800/5100/5400/5700/6900mm: 609/1762/12/1762/12/1762/545mm

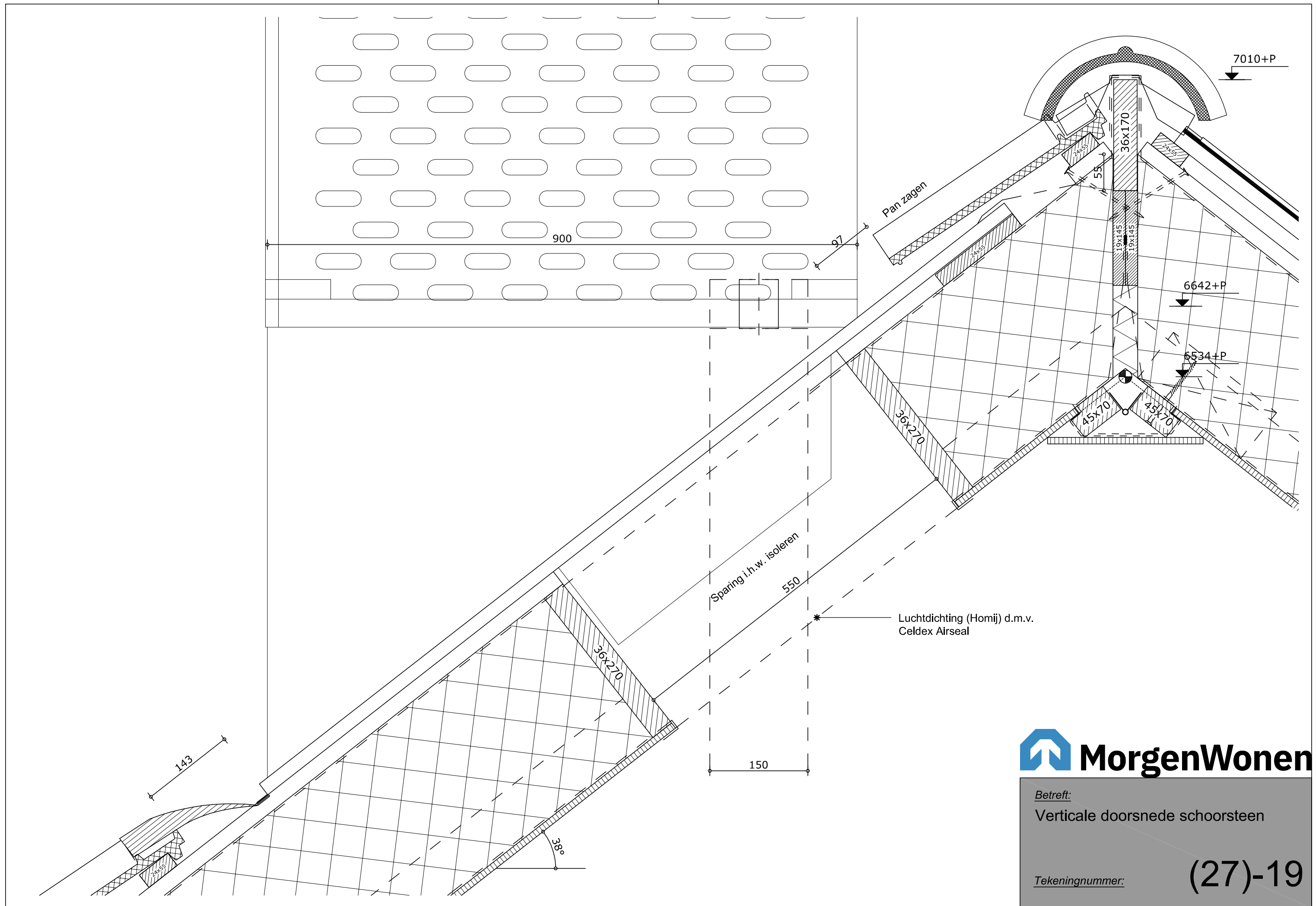
Opbouw dak bu-bi: (Rc=6,63m².K/W)

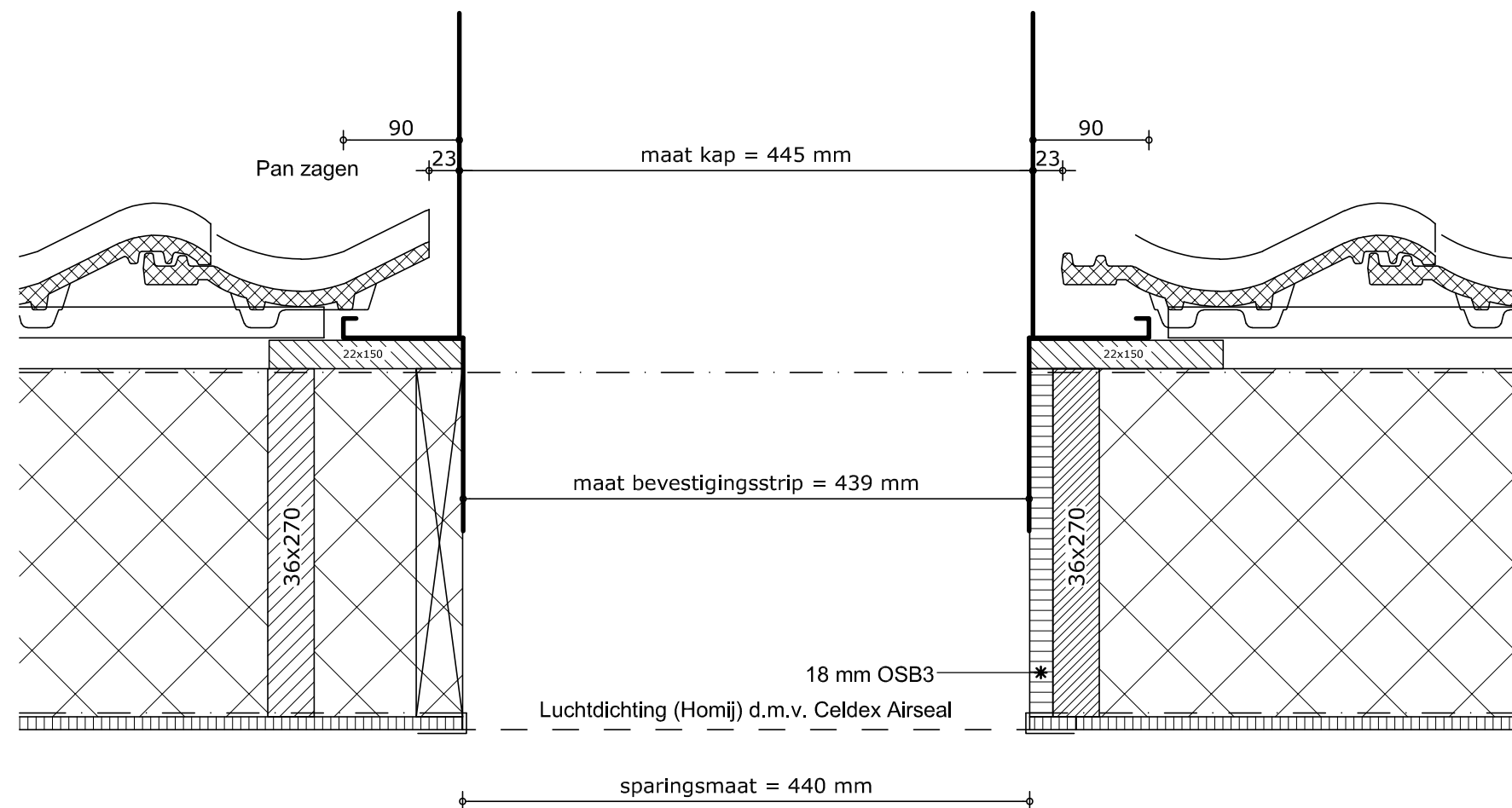
- Dakpan Koramic Madura
- Panlatten 21x48mm
- Tengels 21x48mm
- Dampdoorlatend spinvlies
- Sporen 270mm hoog
- Isolatie 260mm
- Dampremmende laag
- Spaanplaat wit afgewerkt, 10mm



Verdeling dakhaken over tengels (Schuin dakvlak) Woning Beukmaat 4800/5100/5400/5700/6900mm: 1080/1075/717/1075/717/1075/724mm
Verdeling zonnepanelen over tengels (Schuin dakvlak) Woning Beukmaat 4800/5100/5400/5700/6900mm: 609/1762/12/1762/12/1762/545mm







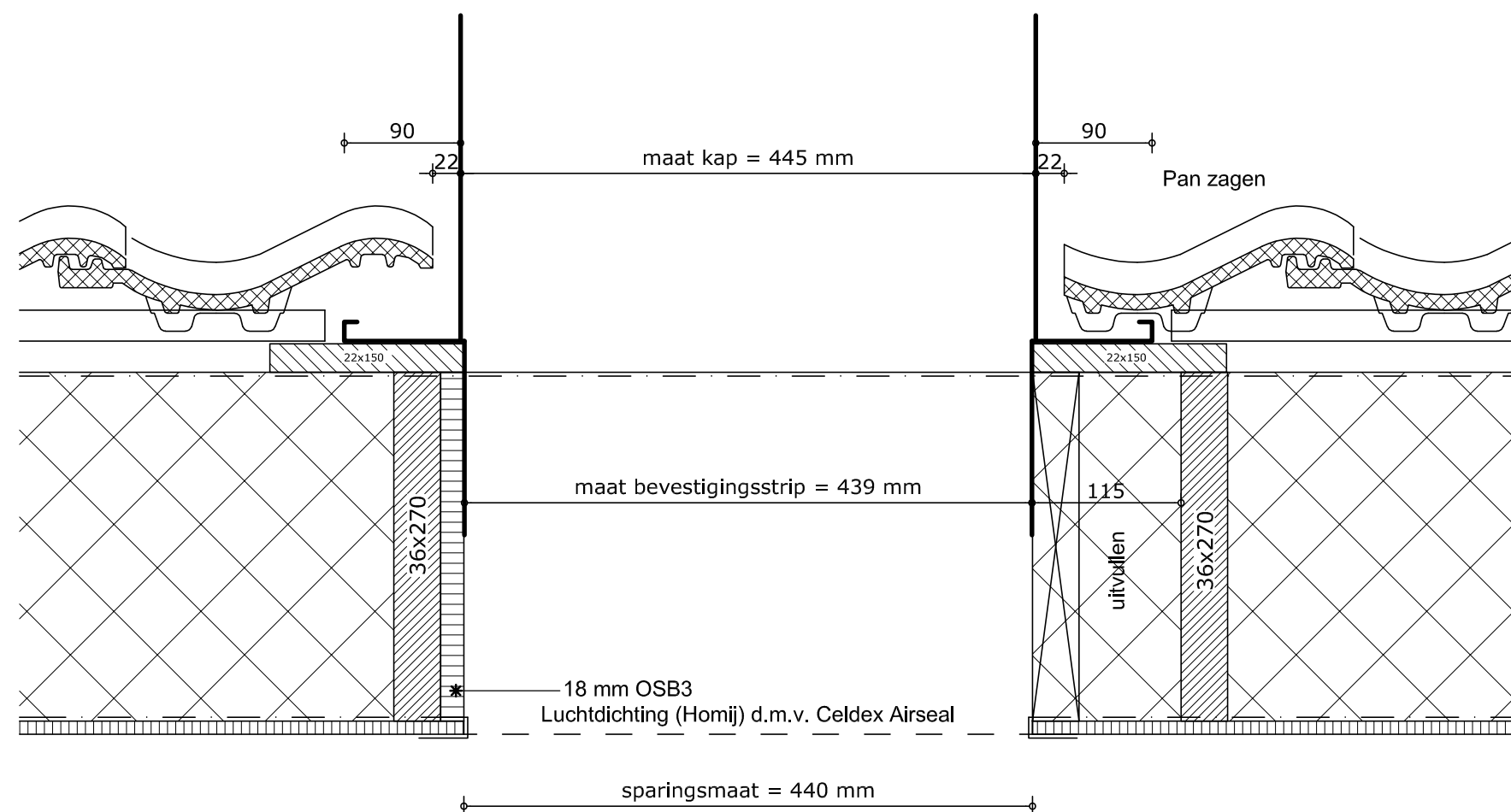
Situatie bij woning met schoorsteen LINKS !



Betreft:
Horizontale doorsnede schoorsteen
(links)

Tekeningnummer:

(27)-20



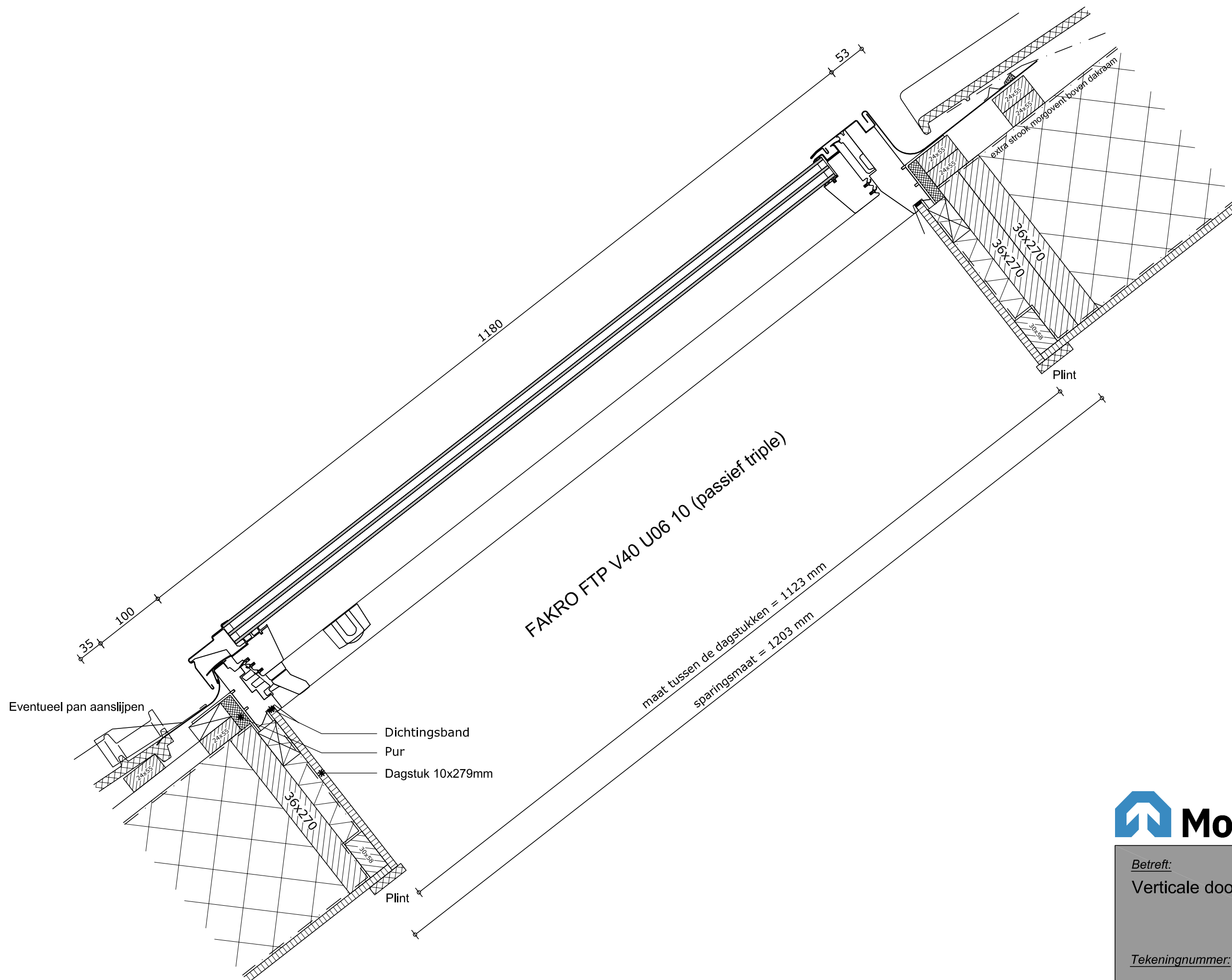
Situatie bij woning met schoorsteen RECHTS !

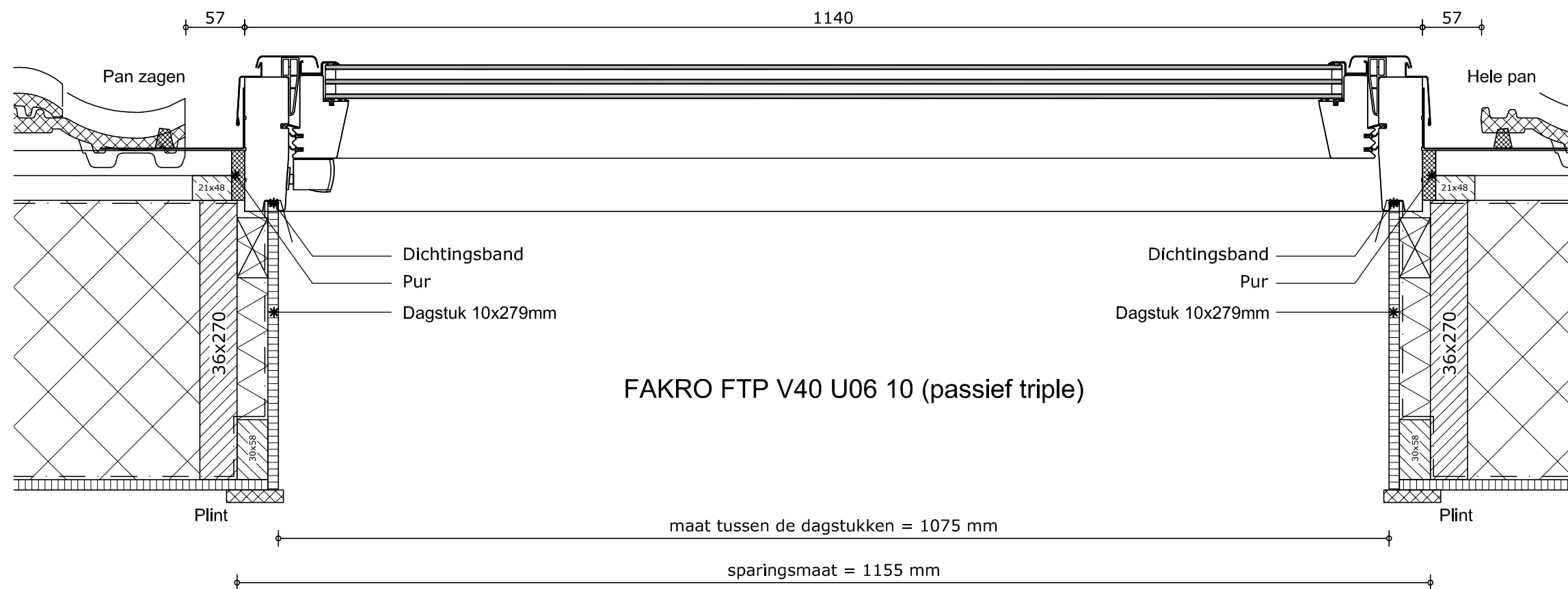


Betreft:
Horizontale doorsnede schoorsteen
(rechts)

Tekeningnummer:

(27)-21





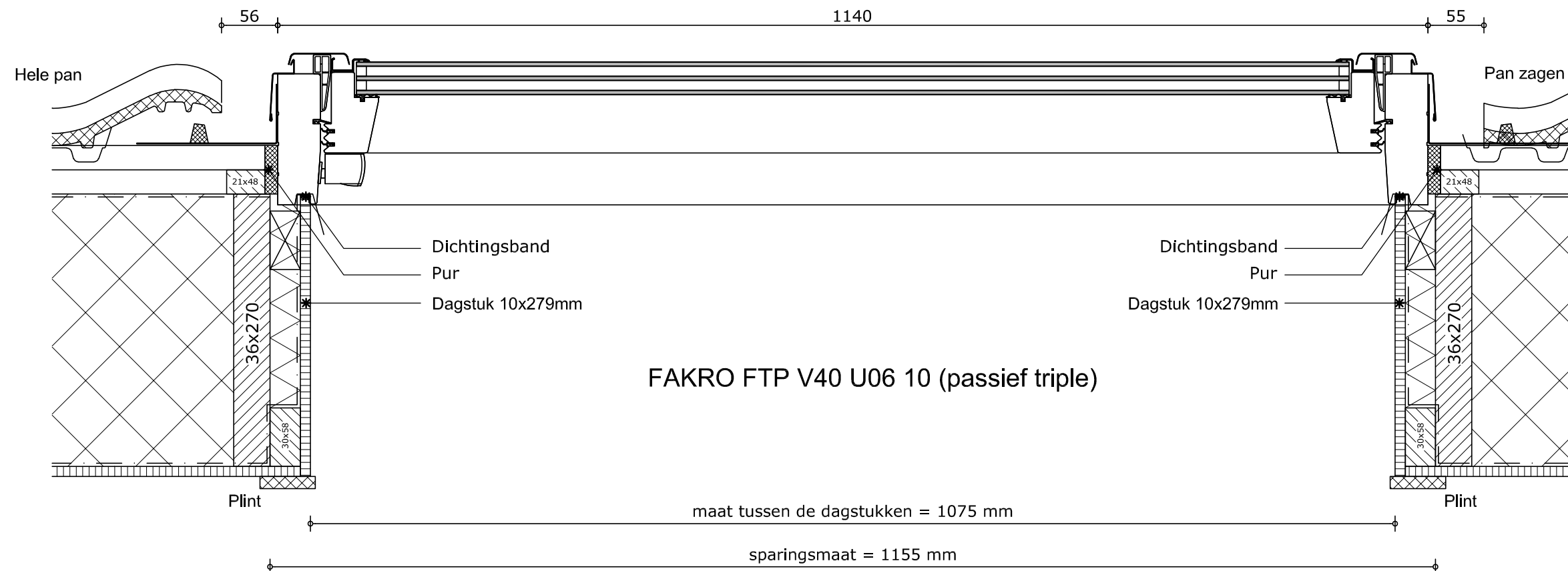
Situatie bij woning met dakraam RECHTS !



Betreft:
Horizontale doorsnede dakraam
(rechts)

Tekeningnummer:

(27)-23

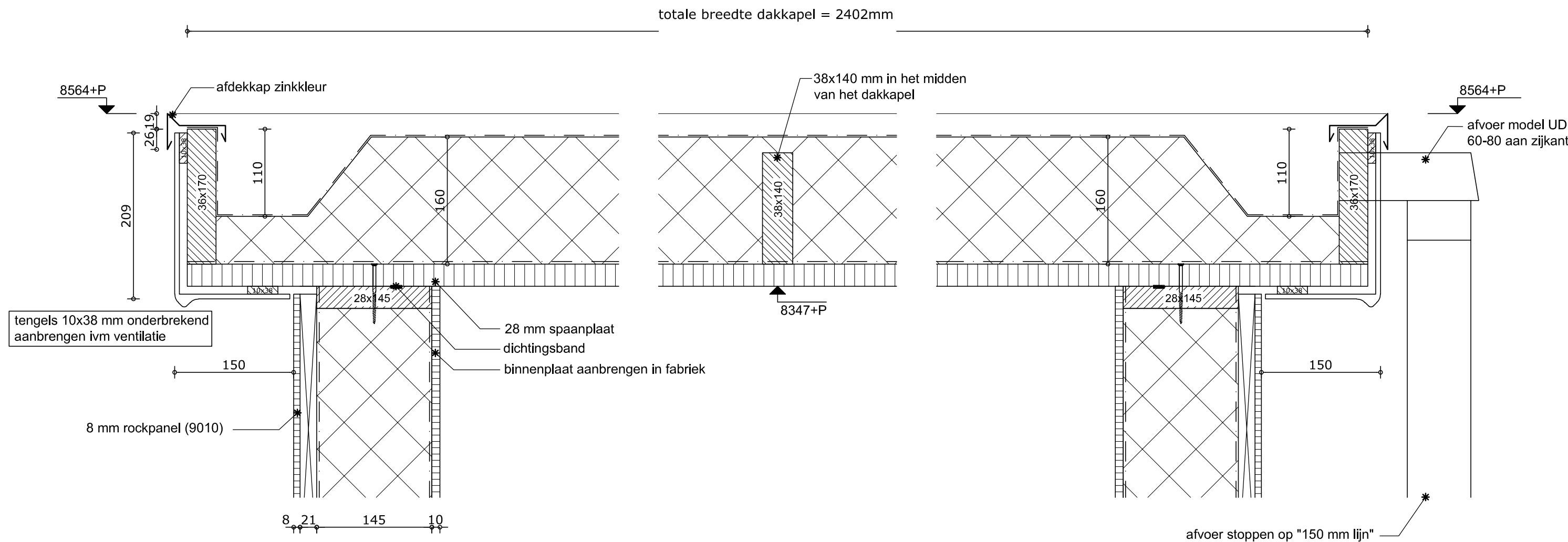


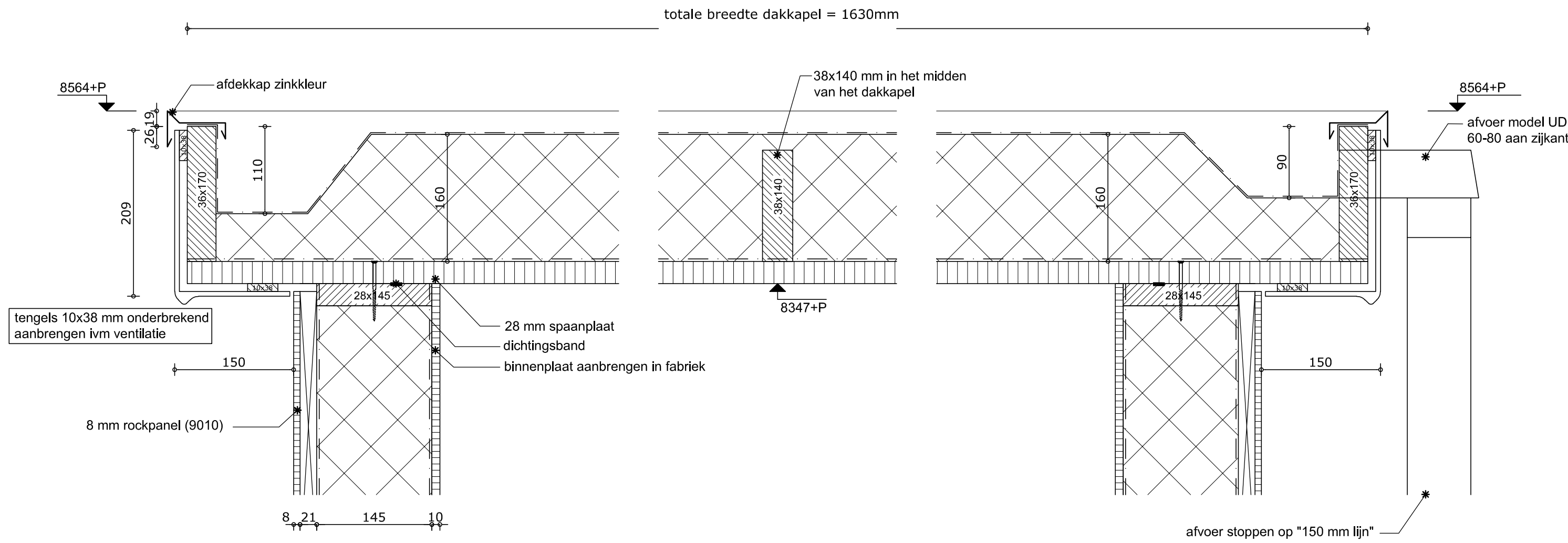
Situatie bij woning met dakraam LINKS !

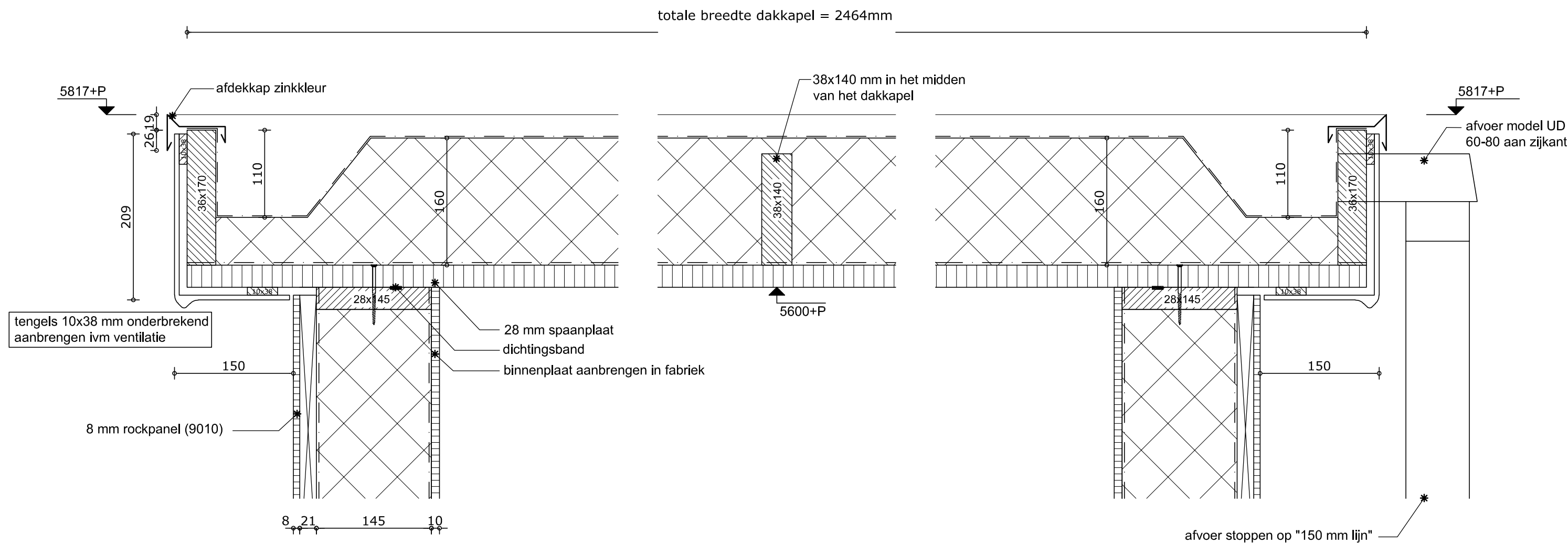


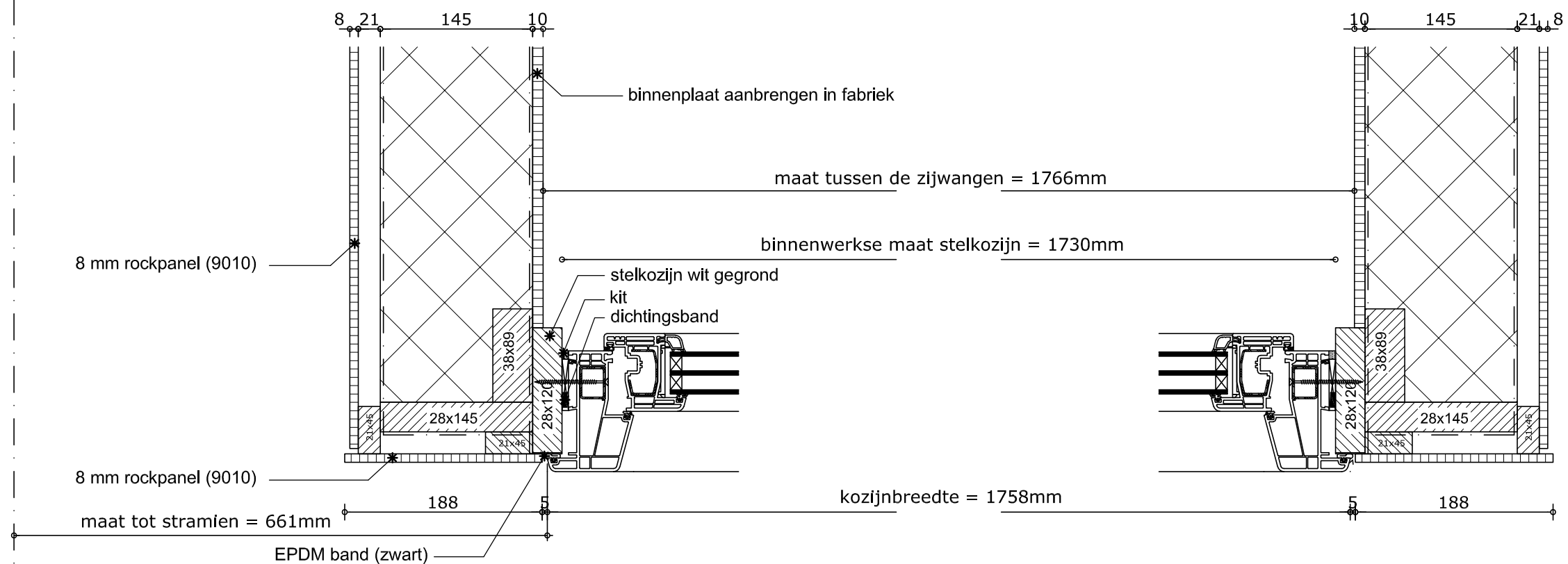
Betreft:
Horizontale doorsnede dakraam (links)

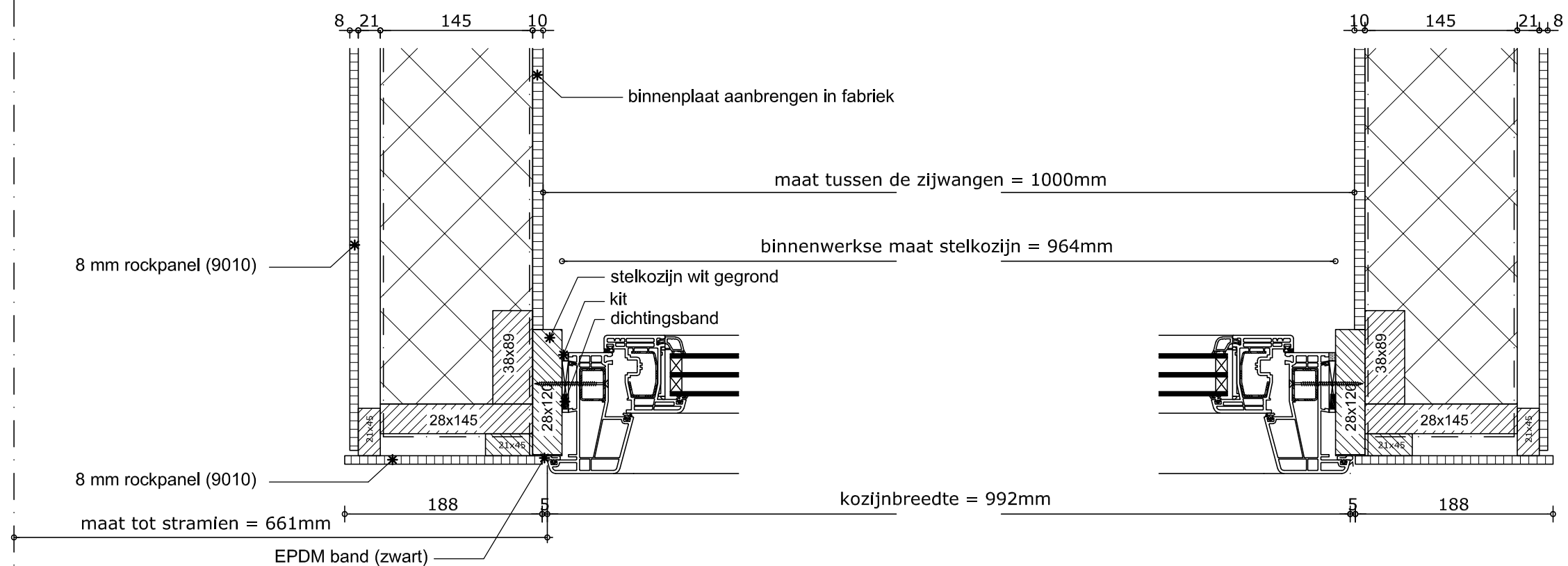
Tekeningnummer: (27)-24

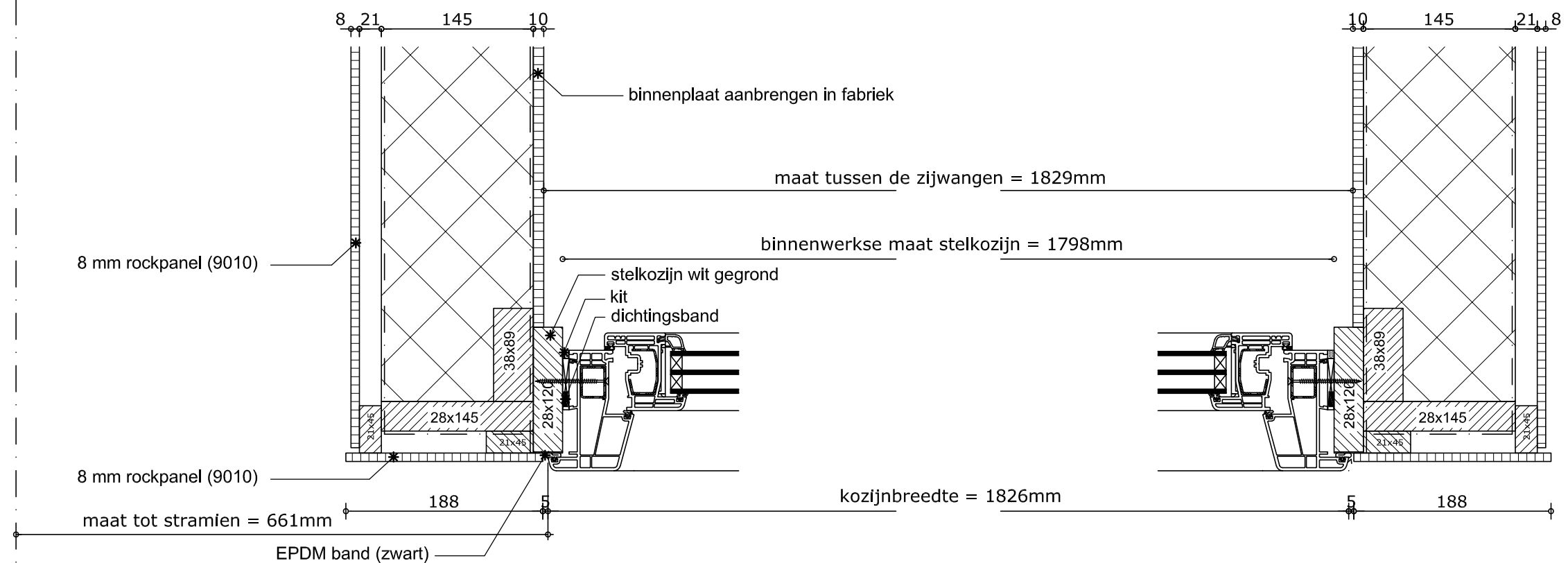


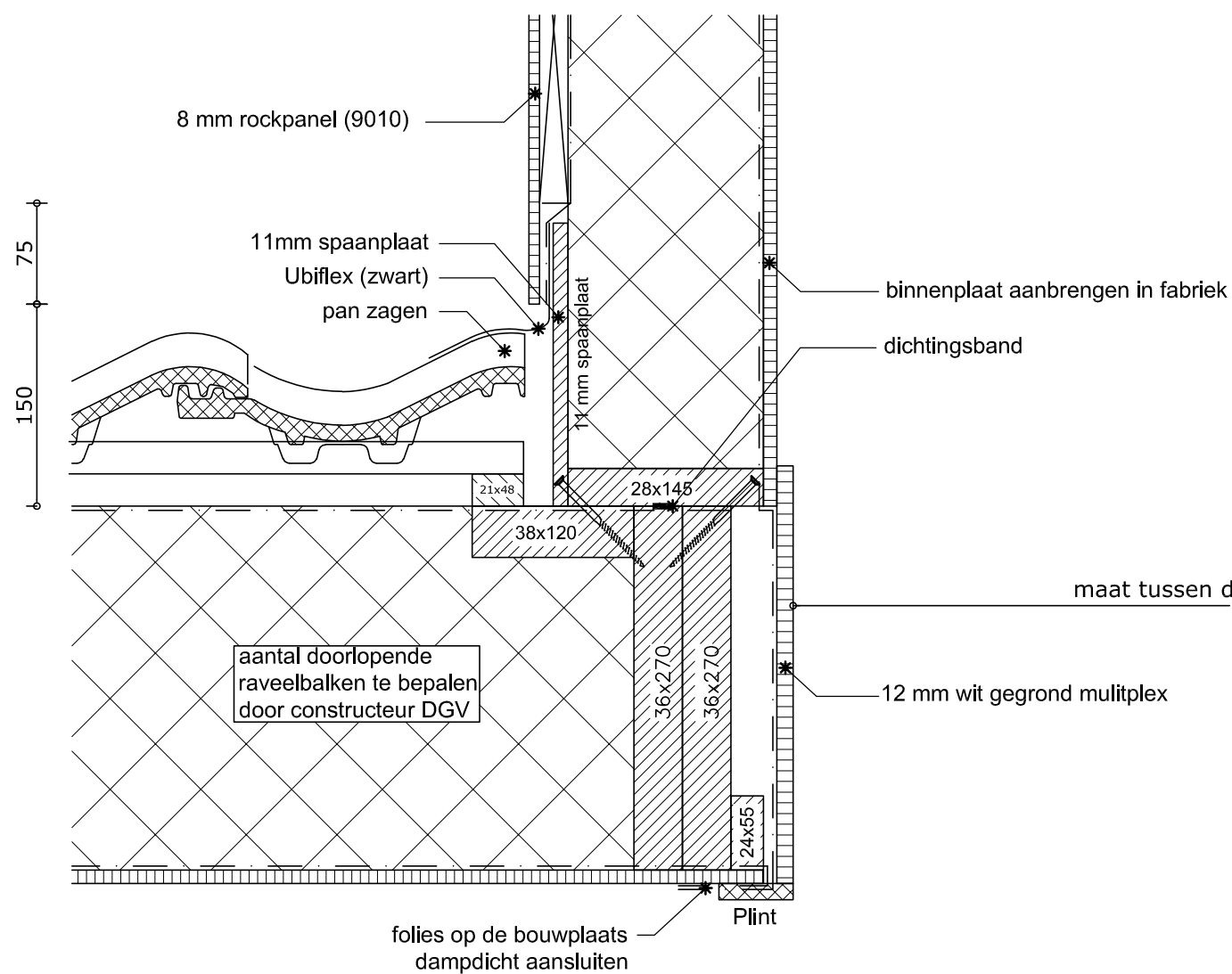




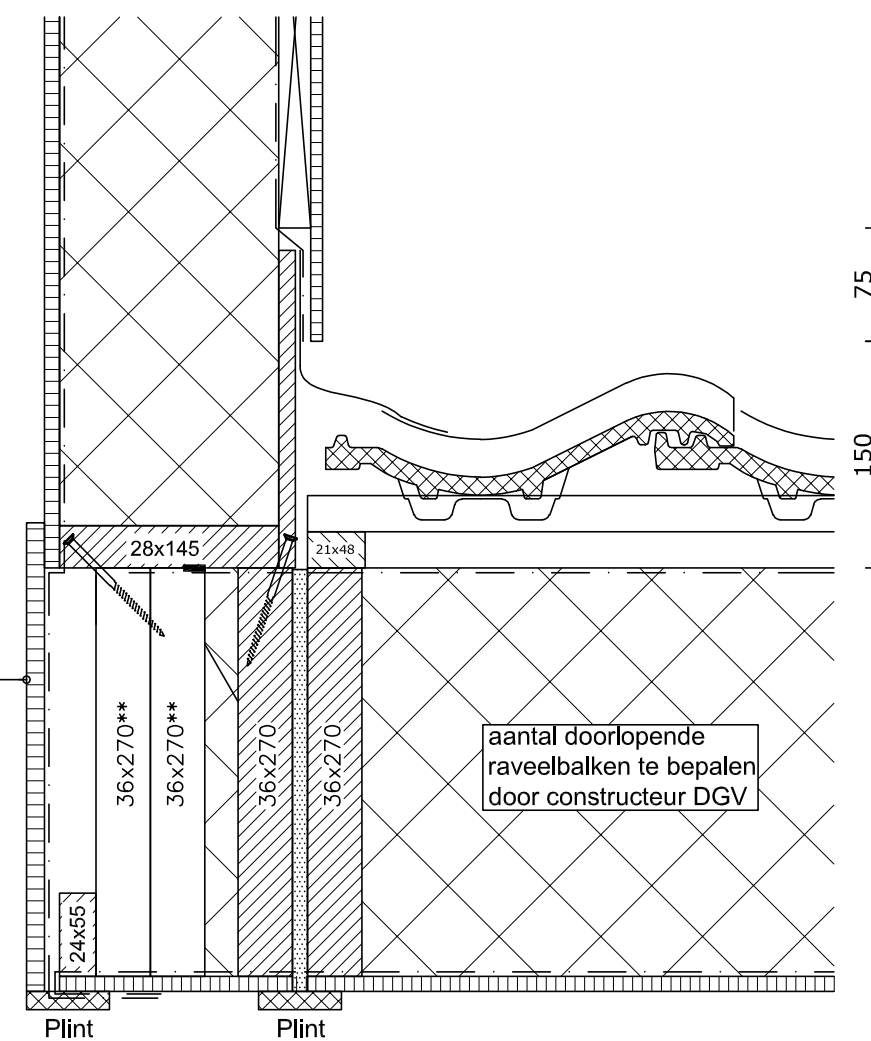


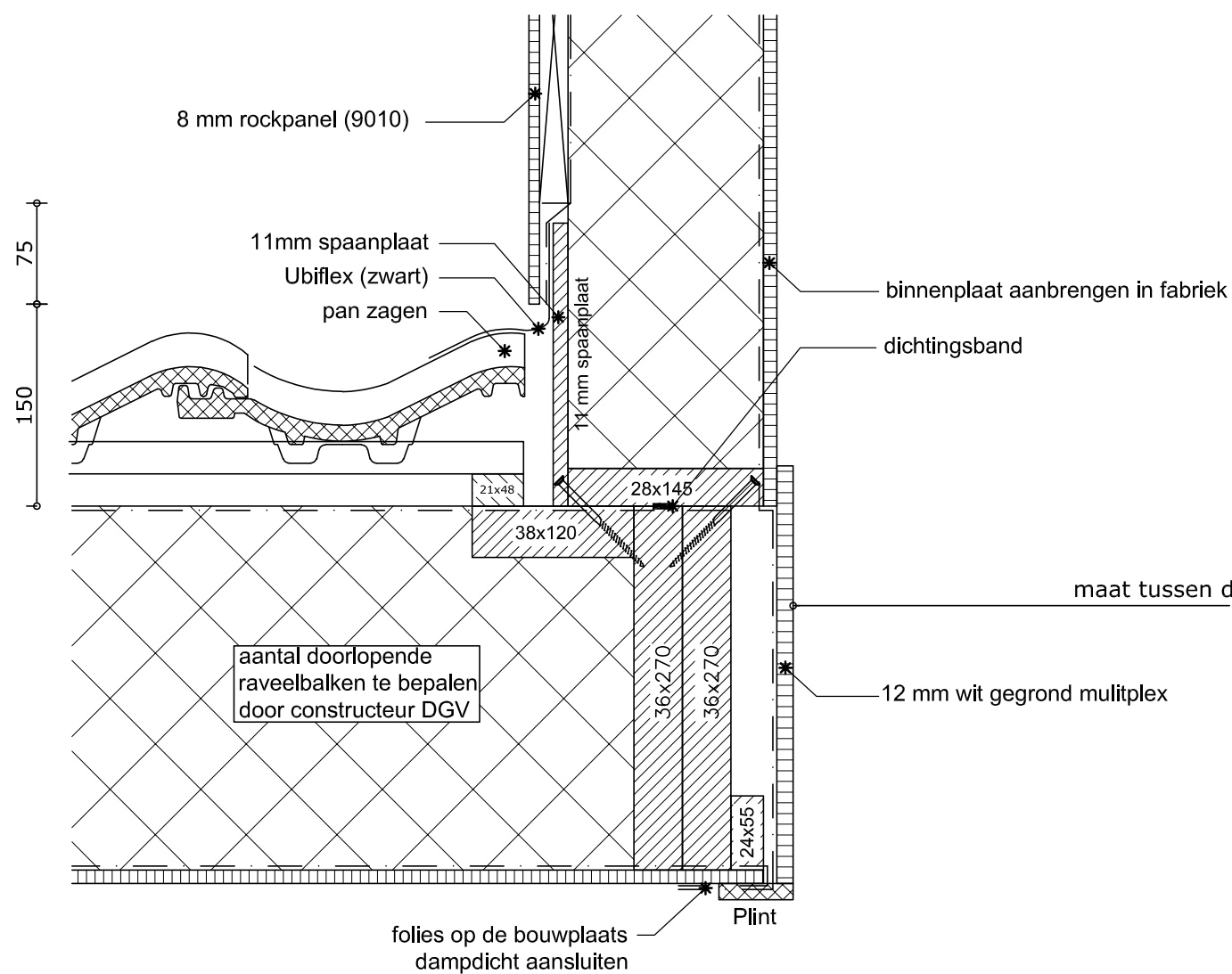




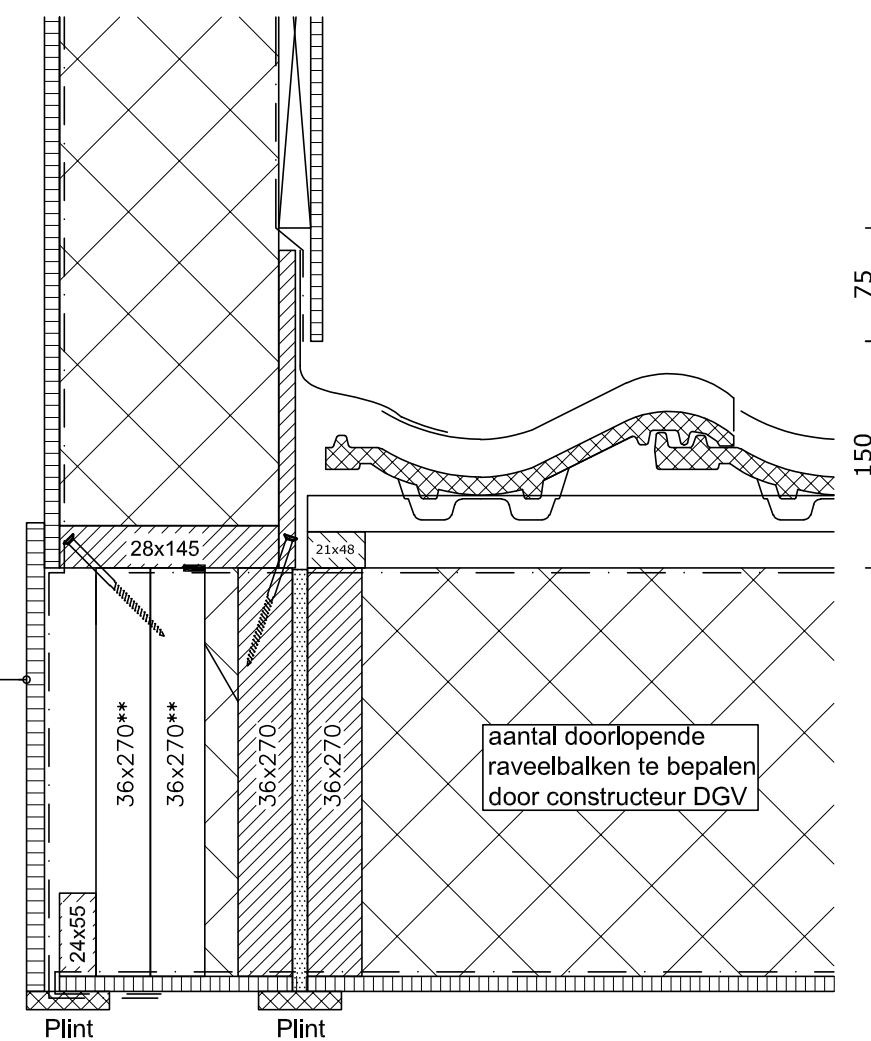


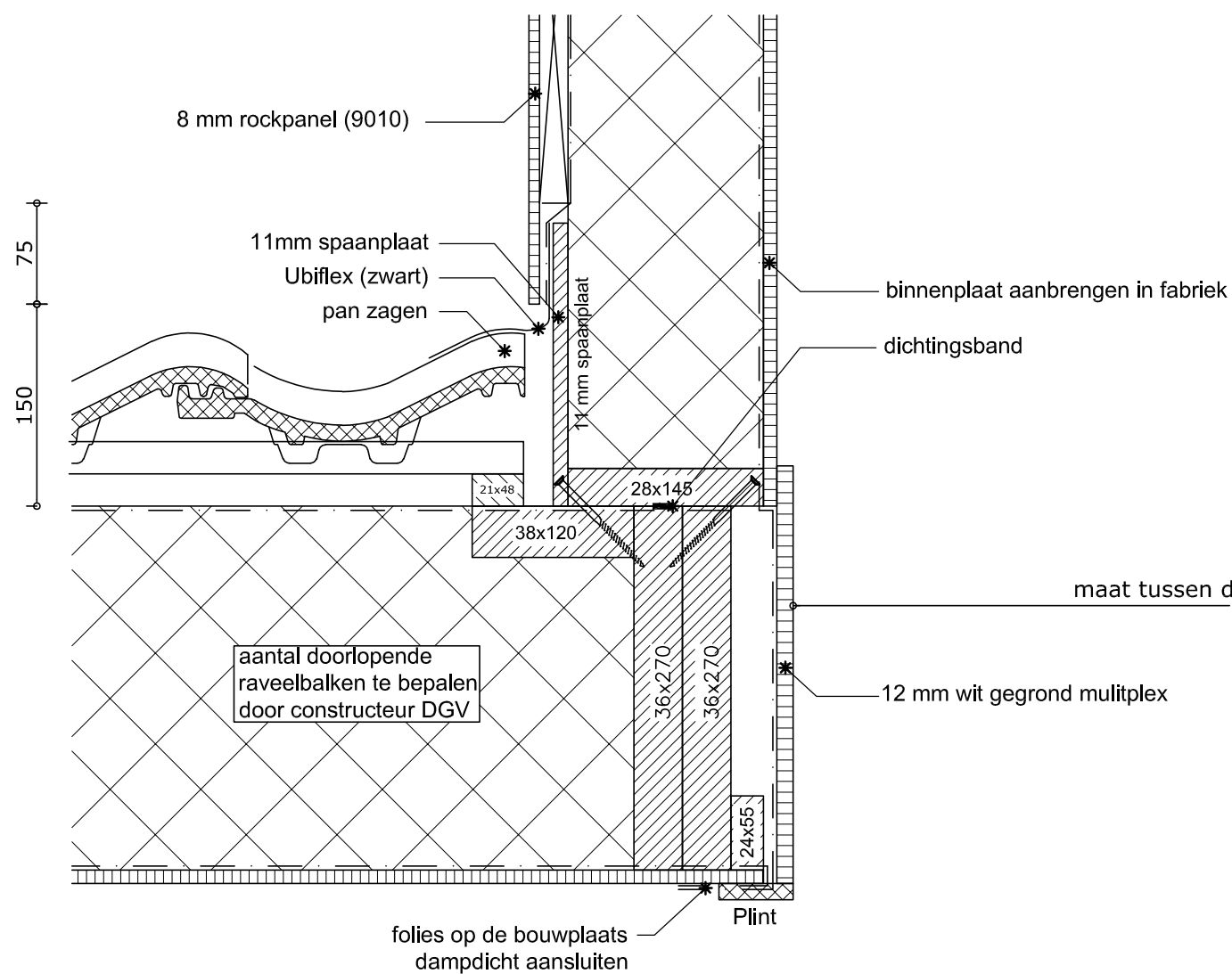
36x270** = alleen in de sparing, niet geheel doorlopende van goot naar nok



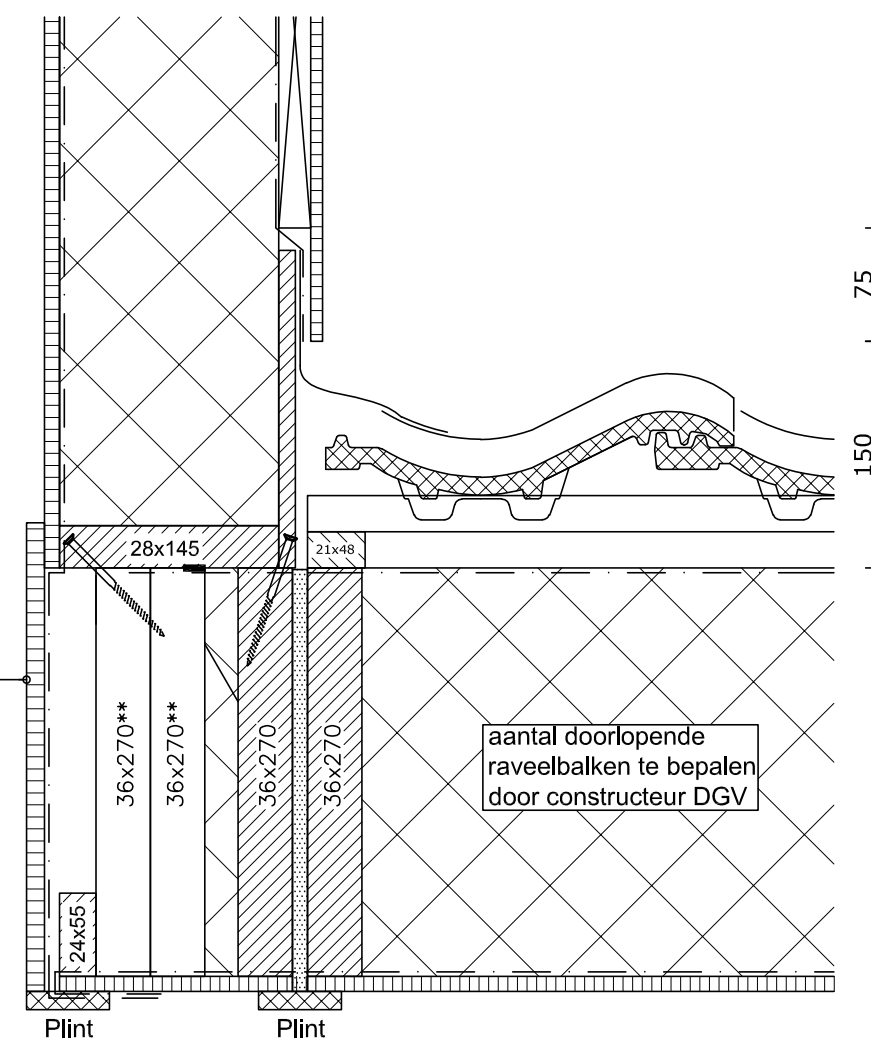


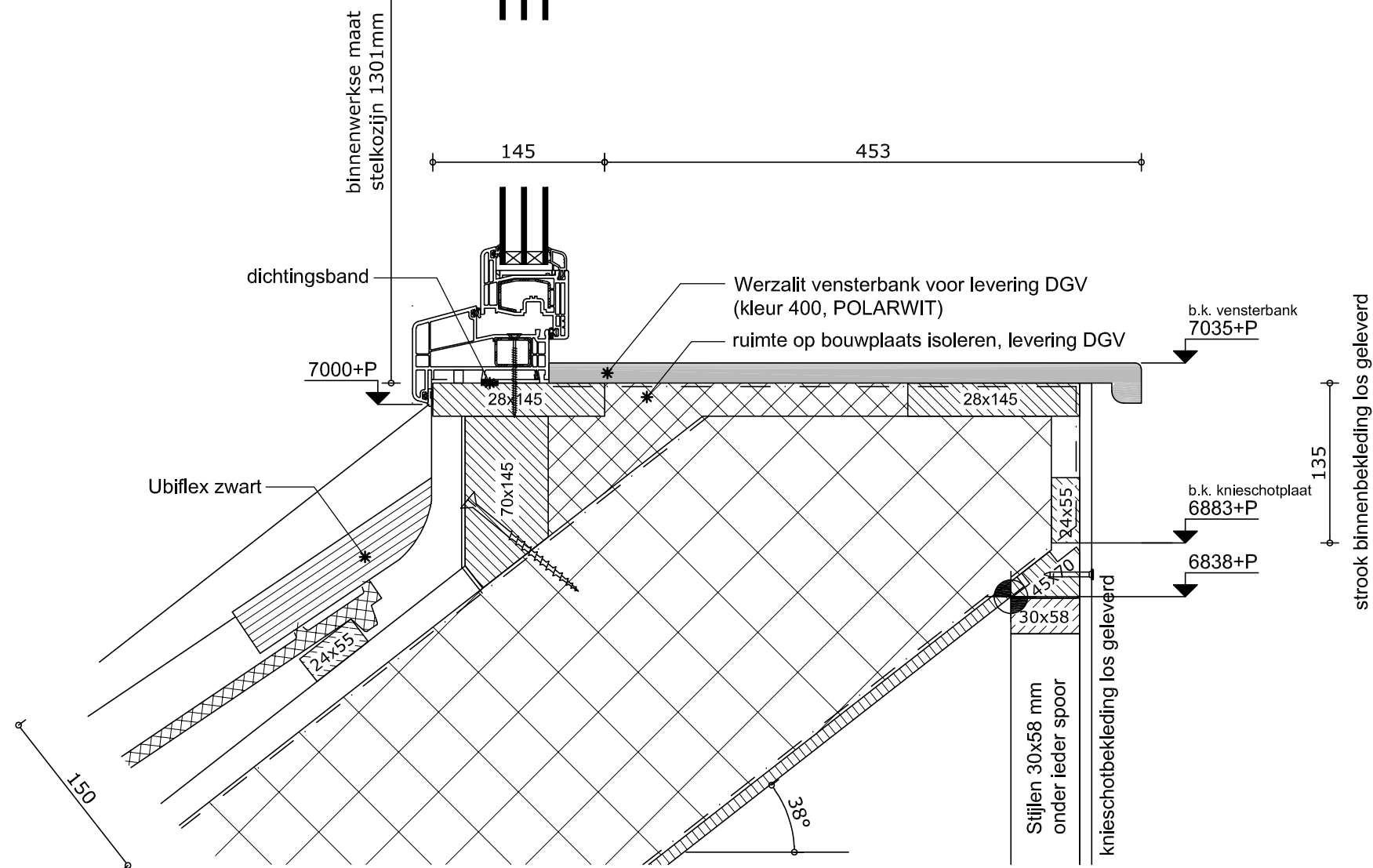
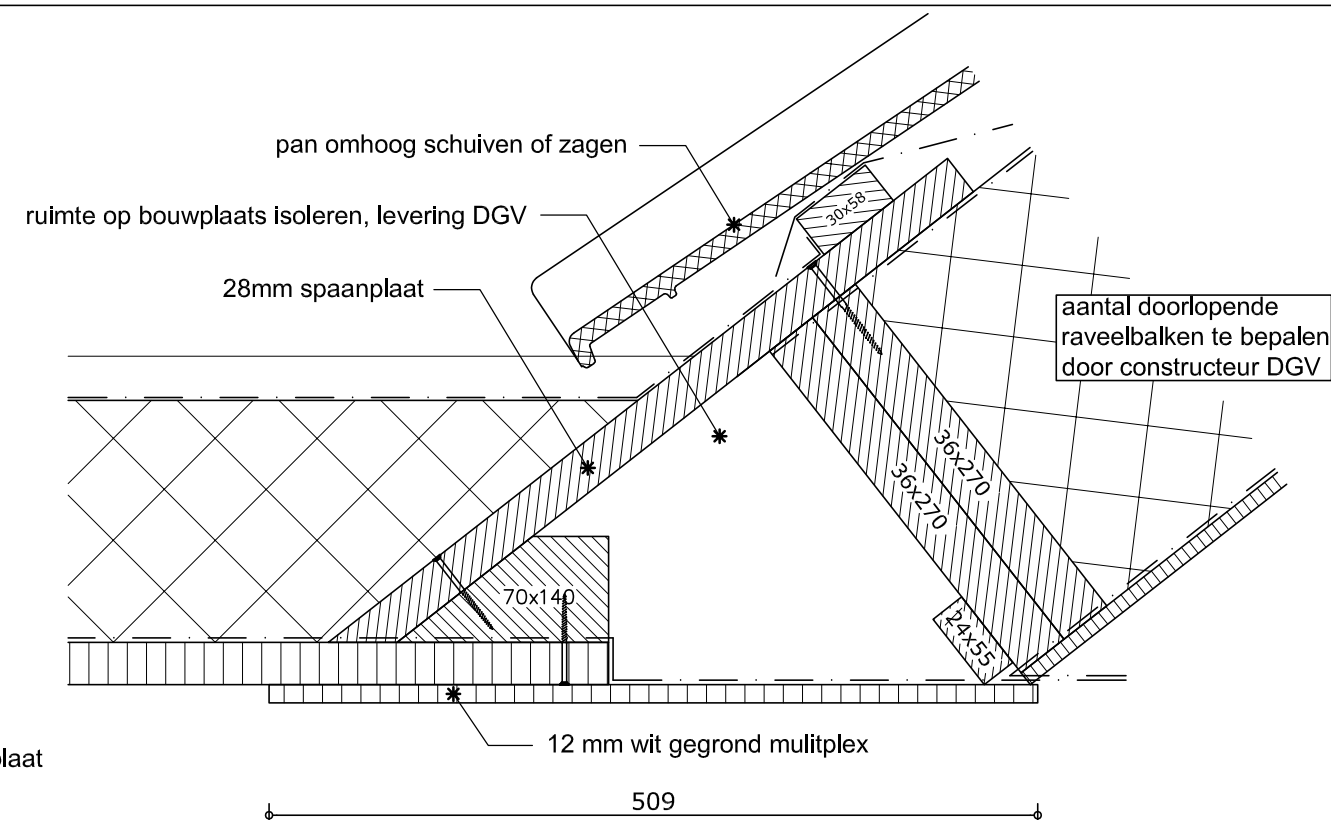
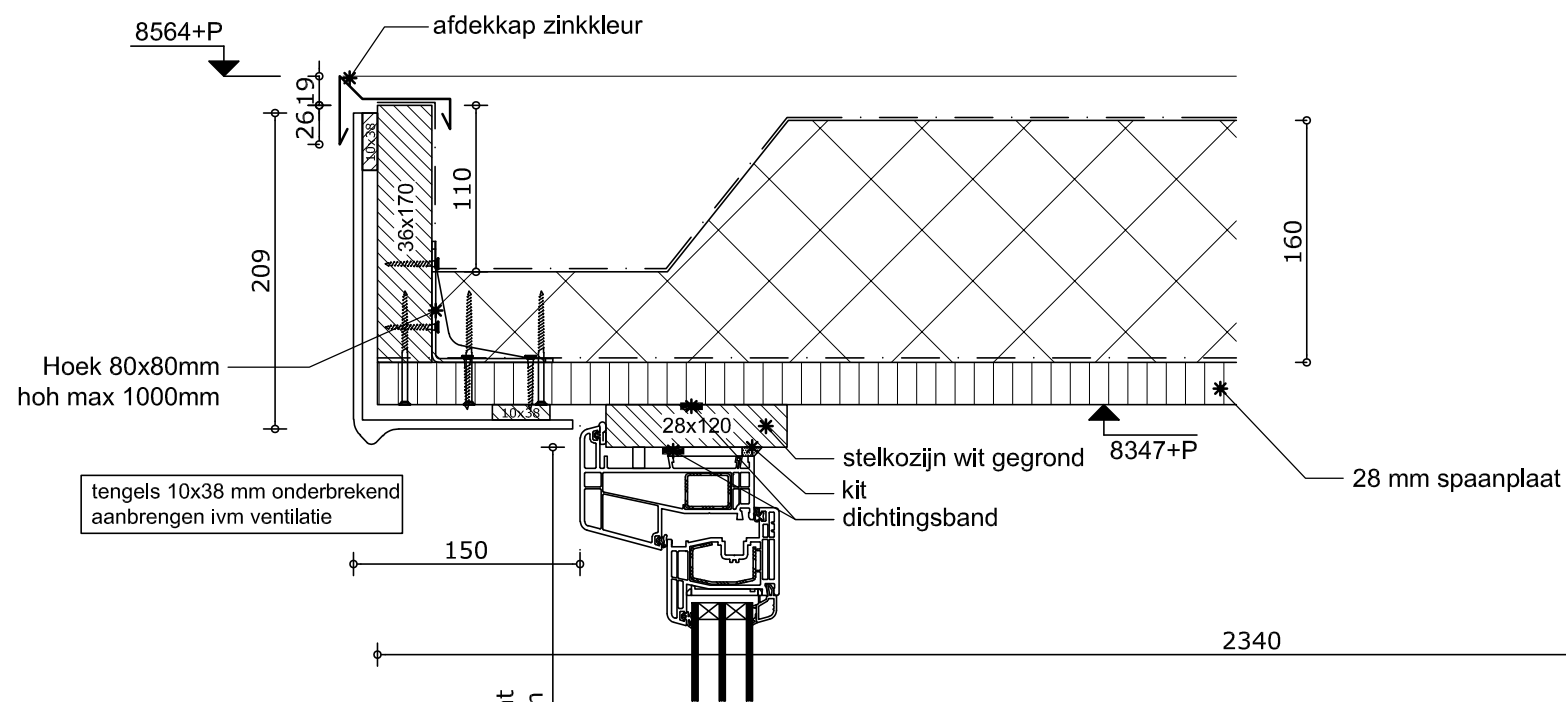
36x270** = alleen in de sparing, niet geheel doorlopende van goot naar nok





36x270** = alleen in de sparing, niet geheel doorlopende van goot naar nok

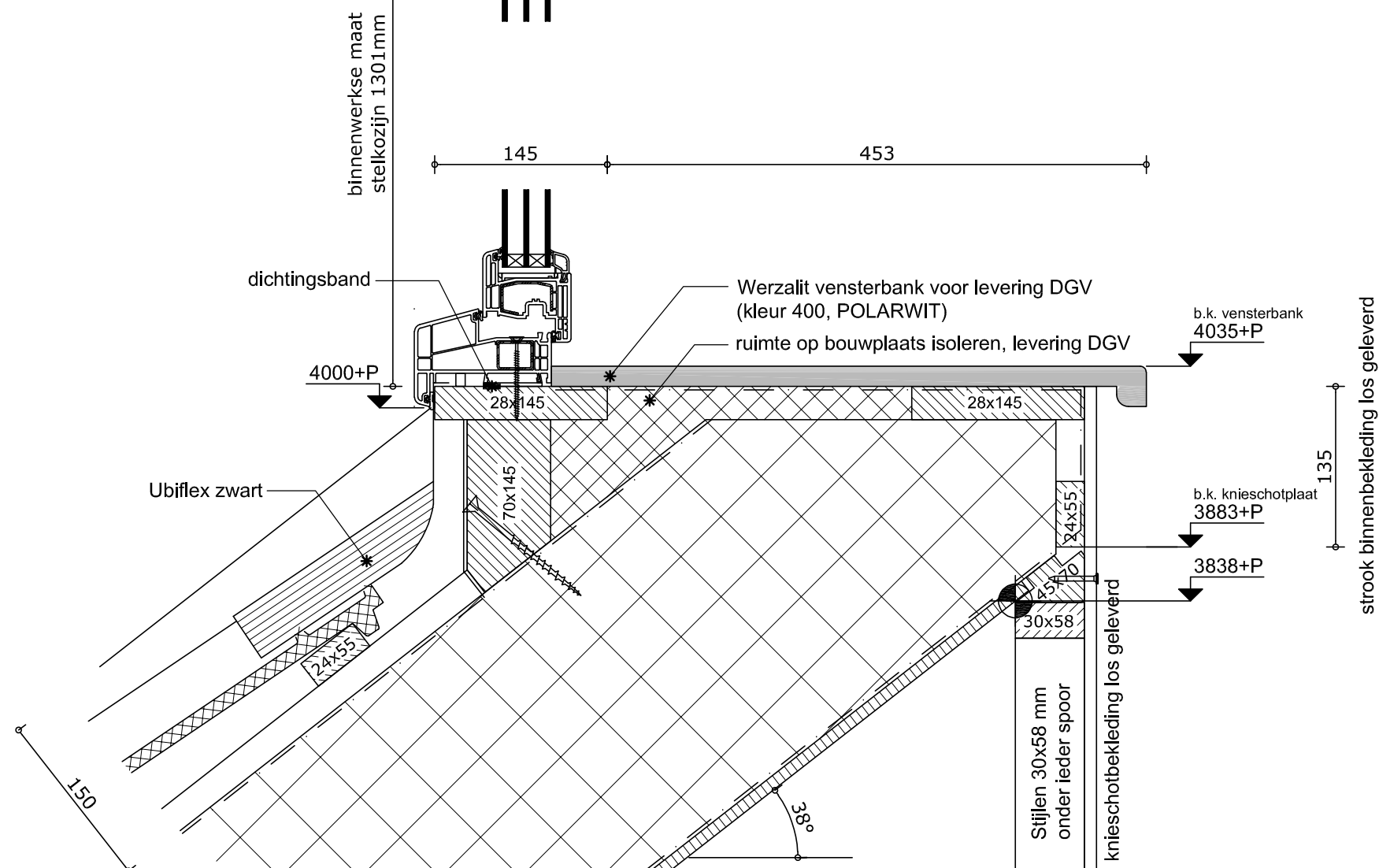
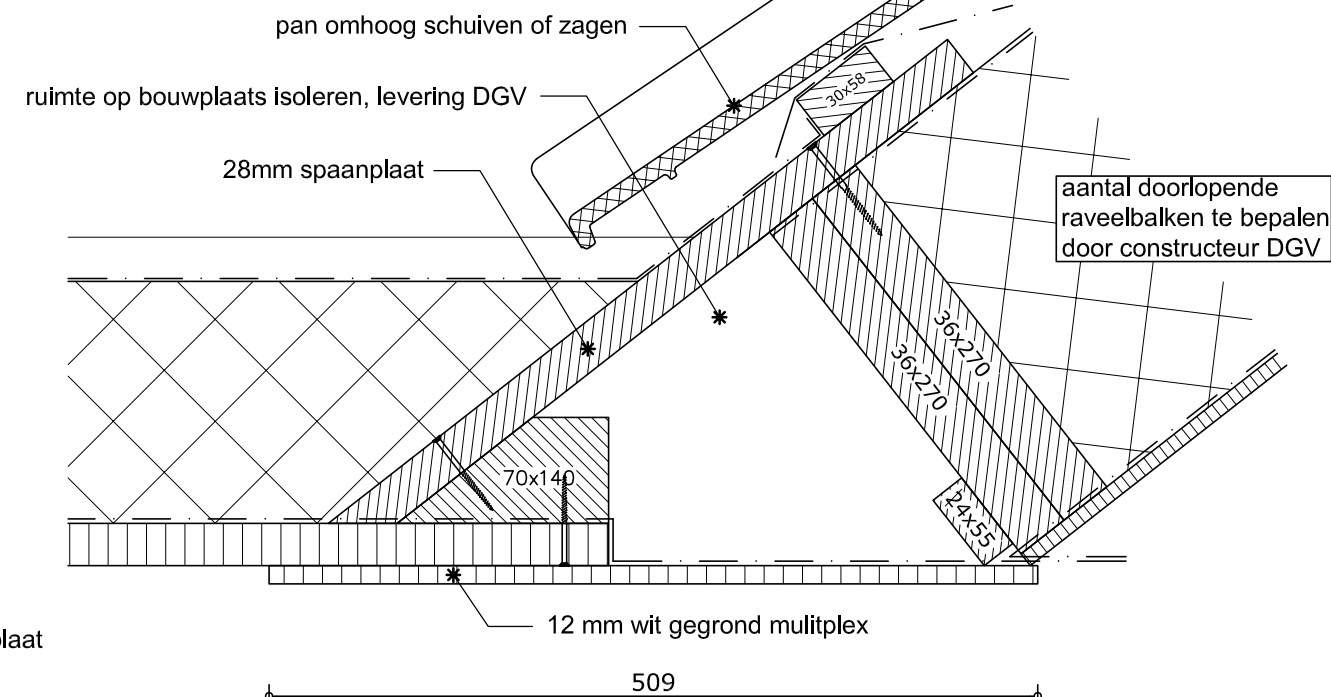
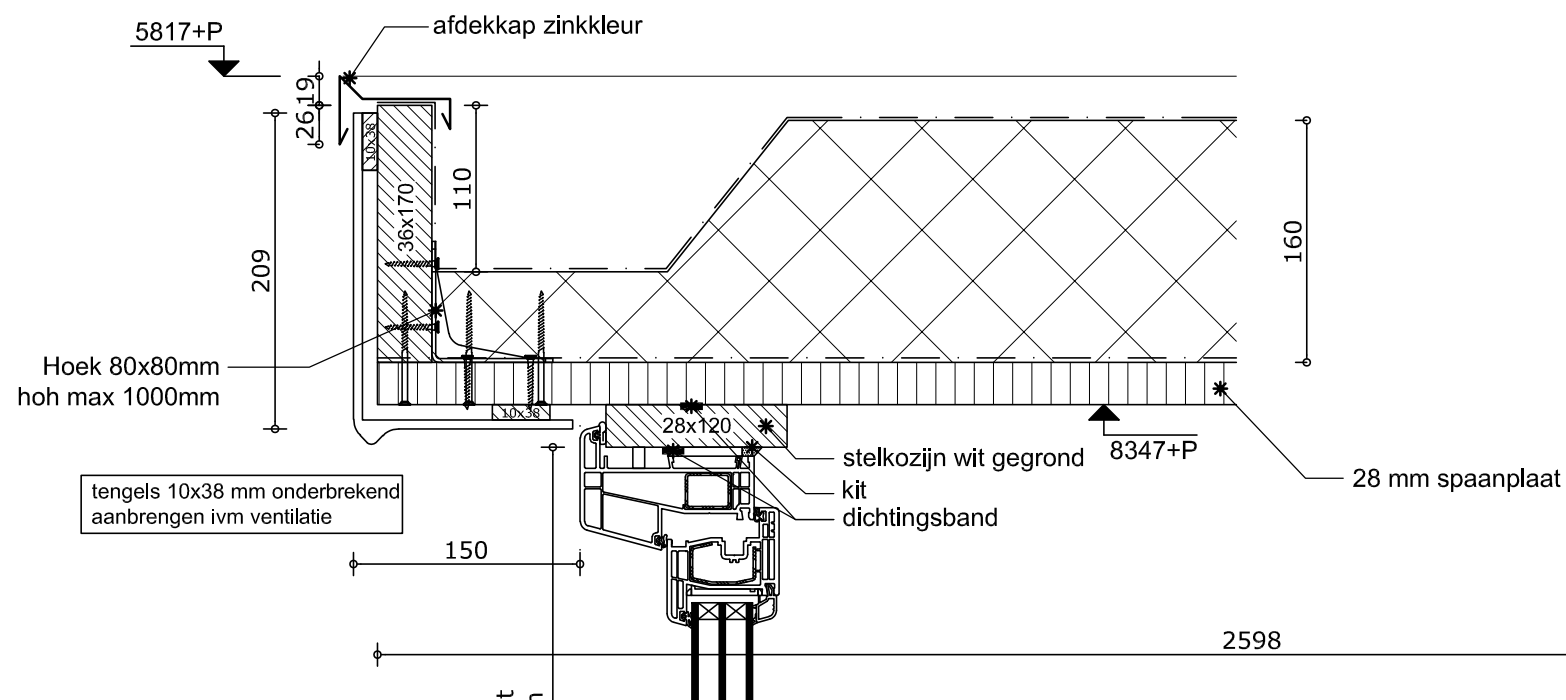


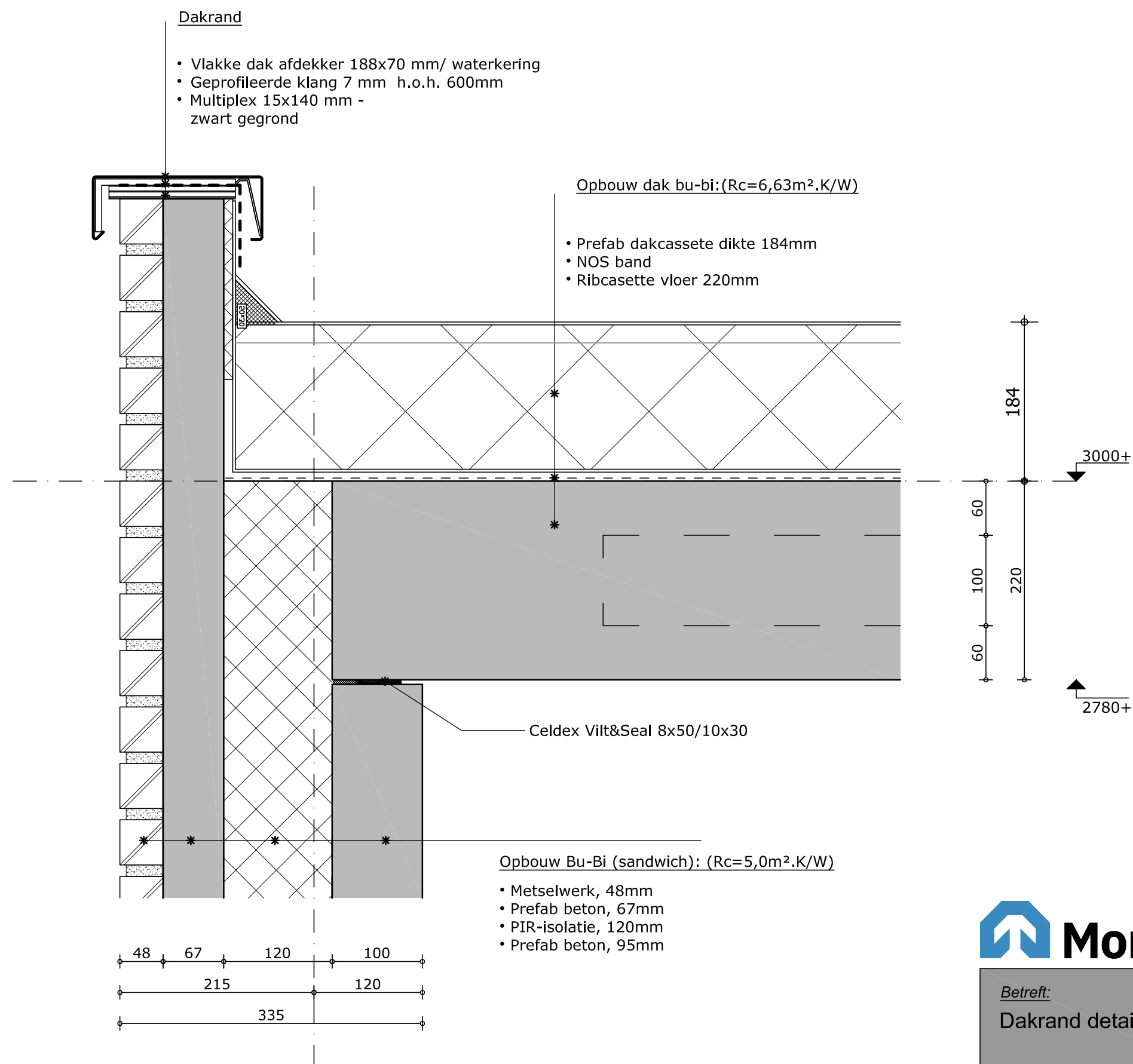


 **MorgenWonen**

Betreft:
Dwarsdoorsnede dakkapel

Tekeningnummer: (27)-34





Dakrand

- Vlakke dak afdekker 188x70 mm/ waterkering
- Geprofileerde klang 7 mm h.o.h. 600mm
- Multiplex 15x130 mm - zwart gegrond

Opbouw dak bu-bi: (Rc=6,63m².K/W)

- Prefab dakcassete dikte 184mm
- NOS band
- Ribcassete vloer 220mm

Uitloop voorzien van lekstrip.
Lengte afkorten op de bouw.

Vergaarbak

Zinken HWA Ø80

140

3000+

60
100
60

220

2780+

Celdex Panelseal 15x30

Opbouw Bu-Bi (sandwich): (Rc=5,0m².K/W)

- Metselwerk, 48mm
- Prefab beton, 67mm
- PIR-isolatie, 120mm
- Prefab beton, 95mm

48 67 120 95
330

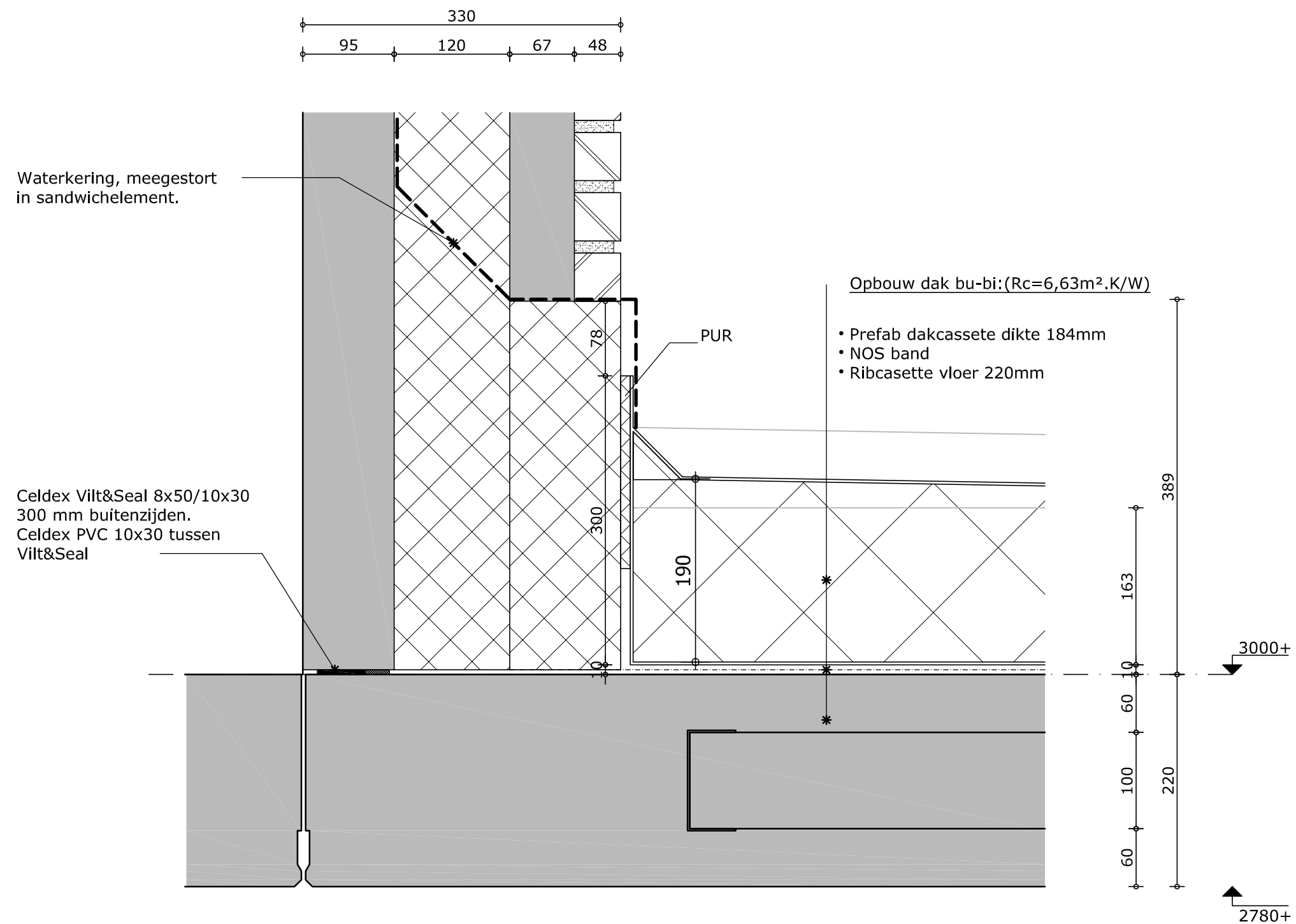
 **MorgenWonen**

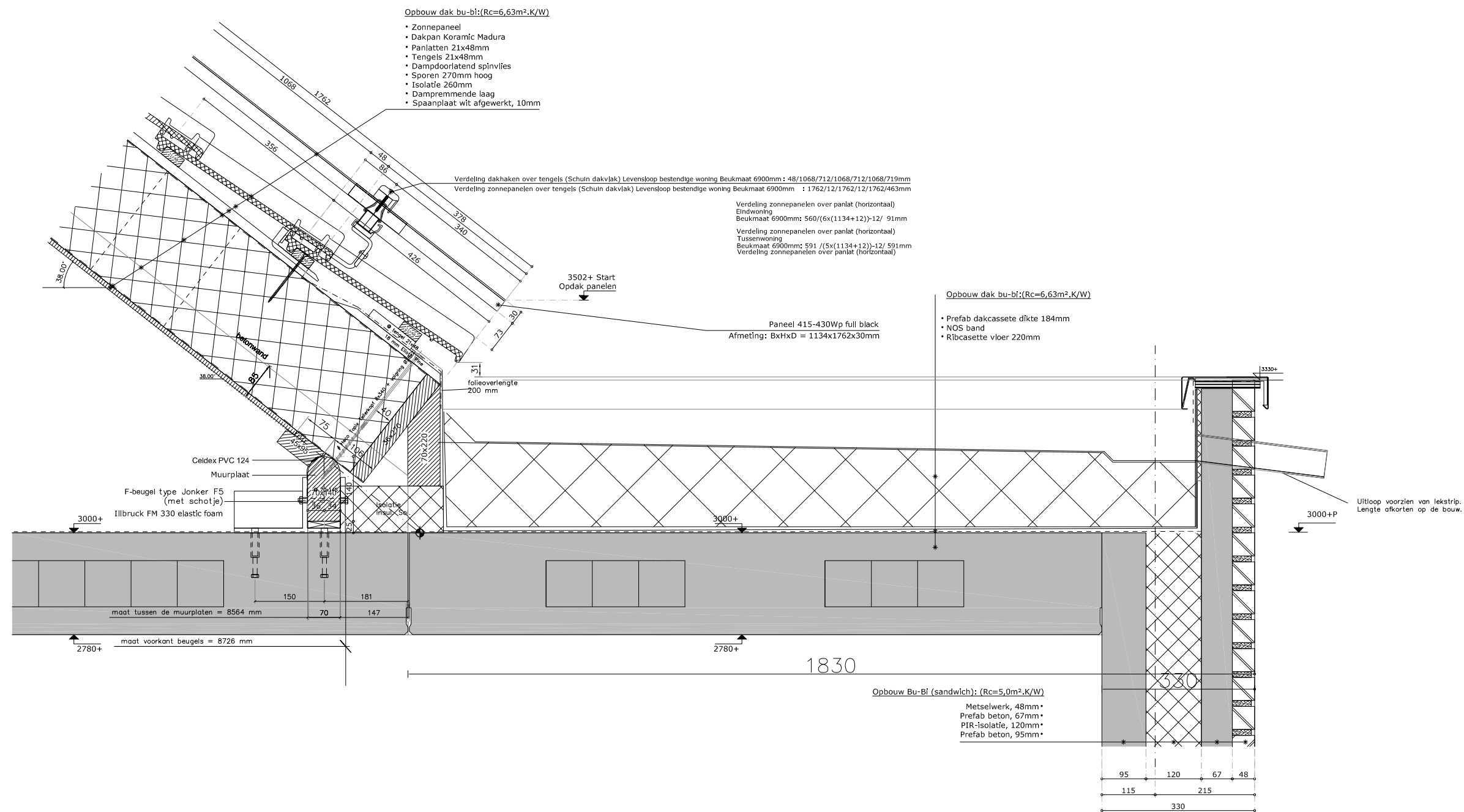
Betreft:

Dakrand detail

Tekeningnummer:

(27)-37





Schaal 1:10



Betreft:

Aansluiting dak met zonnepanelen -
platdak

Tekeningnummer:

(27)-40b

