

ZAŠITNI SLOJ BETONA	
TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

MATERIJALI	
ODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

NARUČILAC:
ESAD HRNJICA

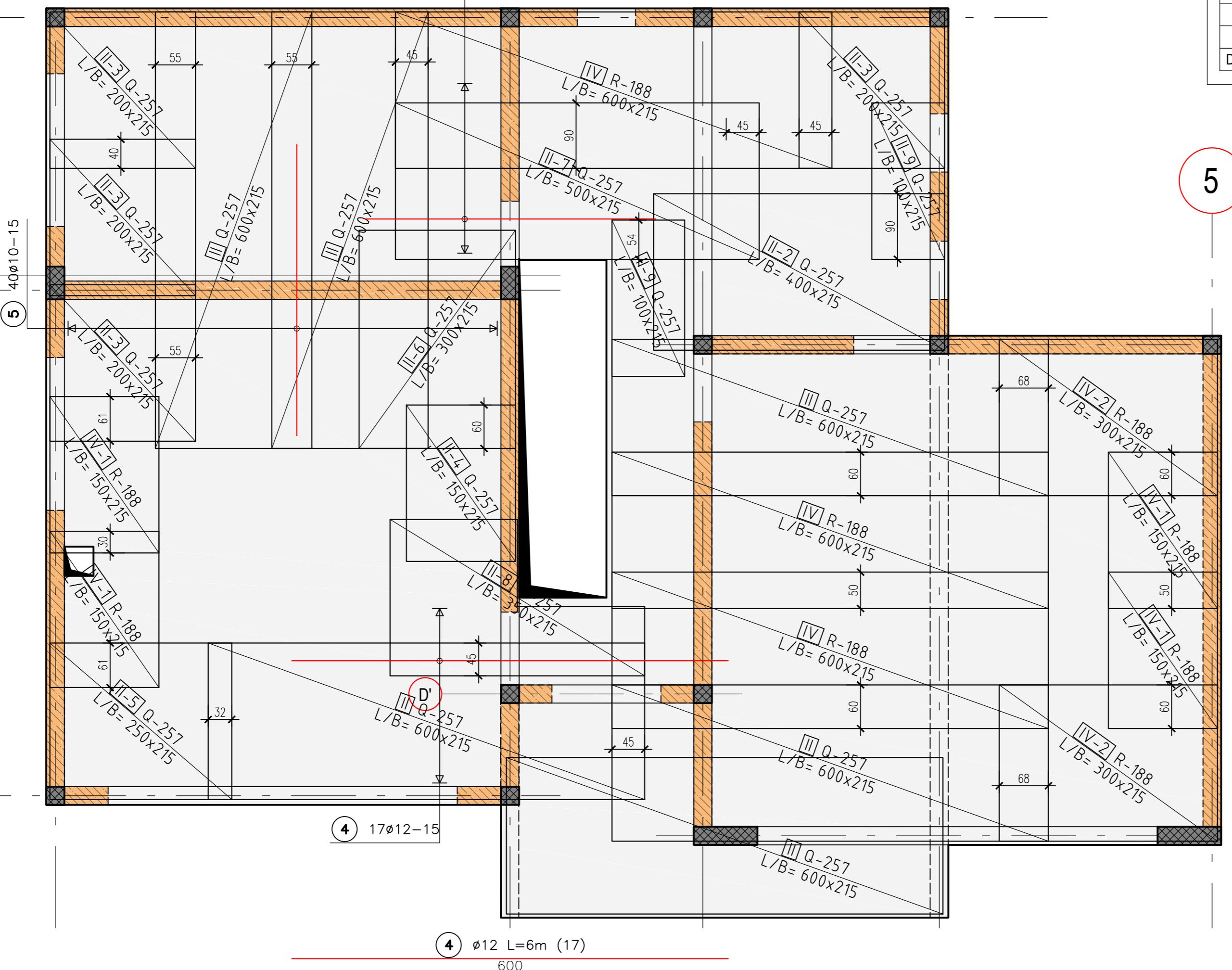
GLAVNI PROJEKT
STAMBENOG OBJEKTA v1. ESAD HRNNICA

NACRT: PLAN ARMATURE
PLOČE POZ 101. - DONJA ZONA

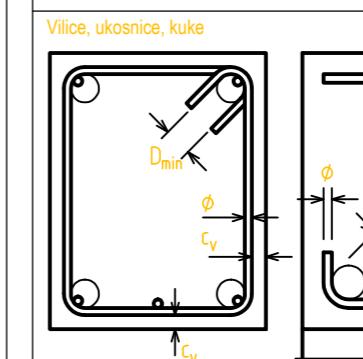
BROJ NACRTA: III-8.1 MJERILO: 1:50

PLAN ARMATURE PLOČE POZ 101
GORNJA ZONA

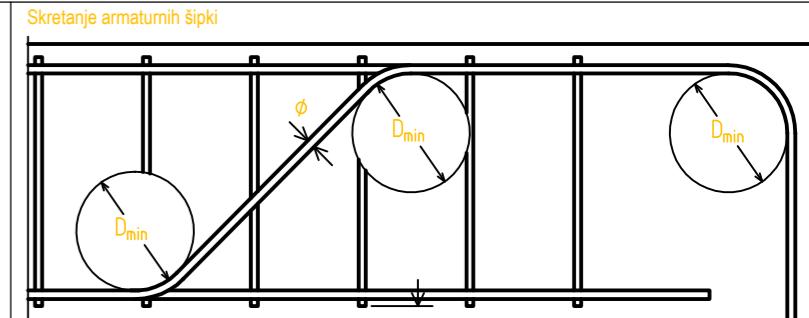
A



Minimalni prečnici povijanja D_{min}



(prema: DIN EN 1992-1-1/NA Tabela NA.8.1)



Za promjer šipke:

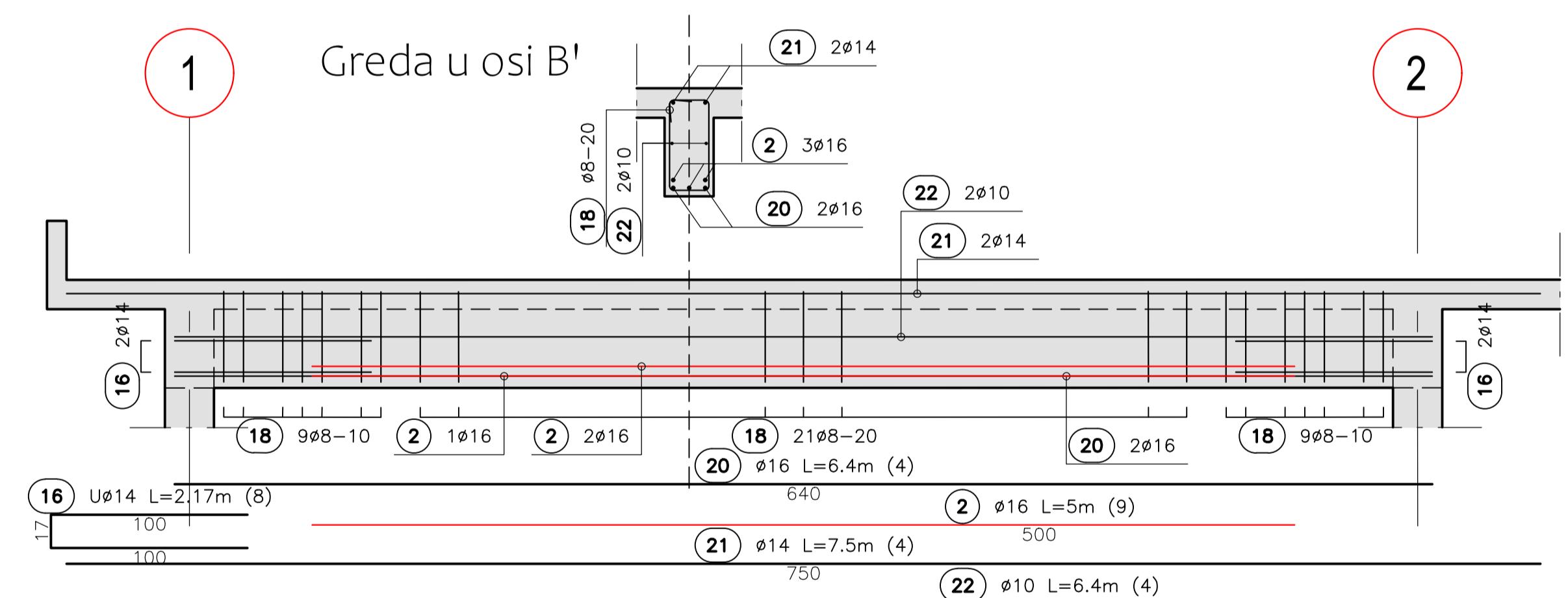
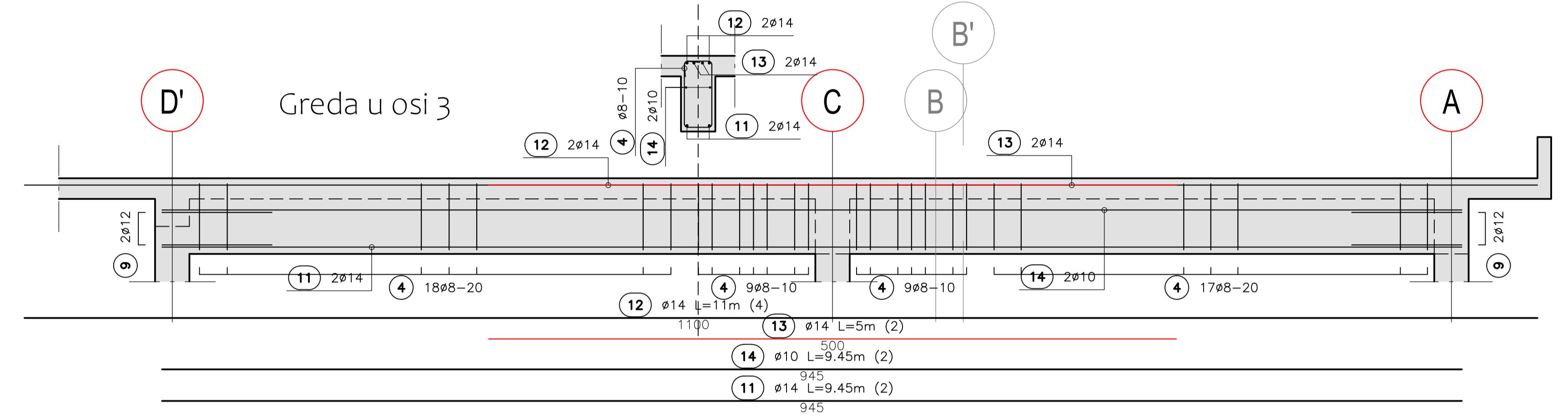
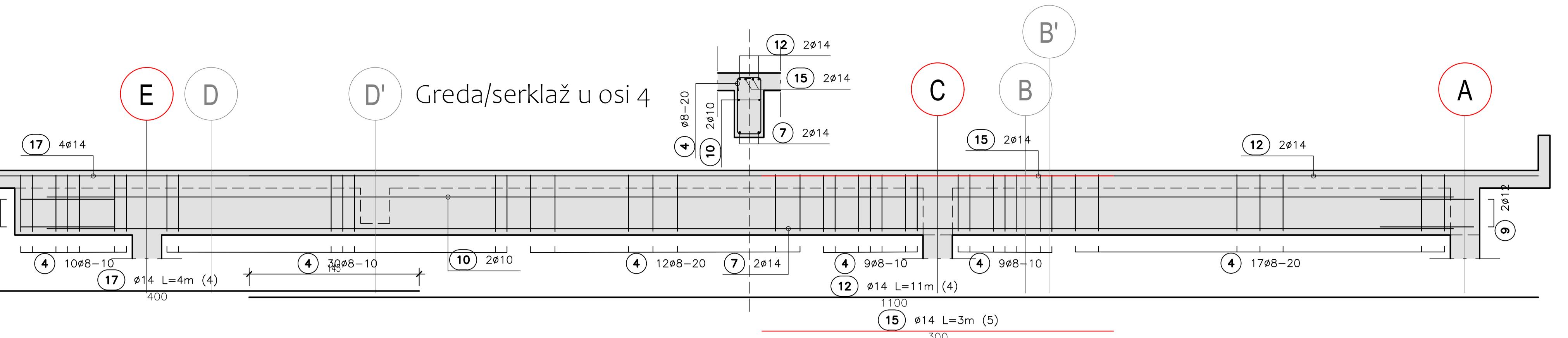
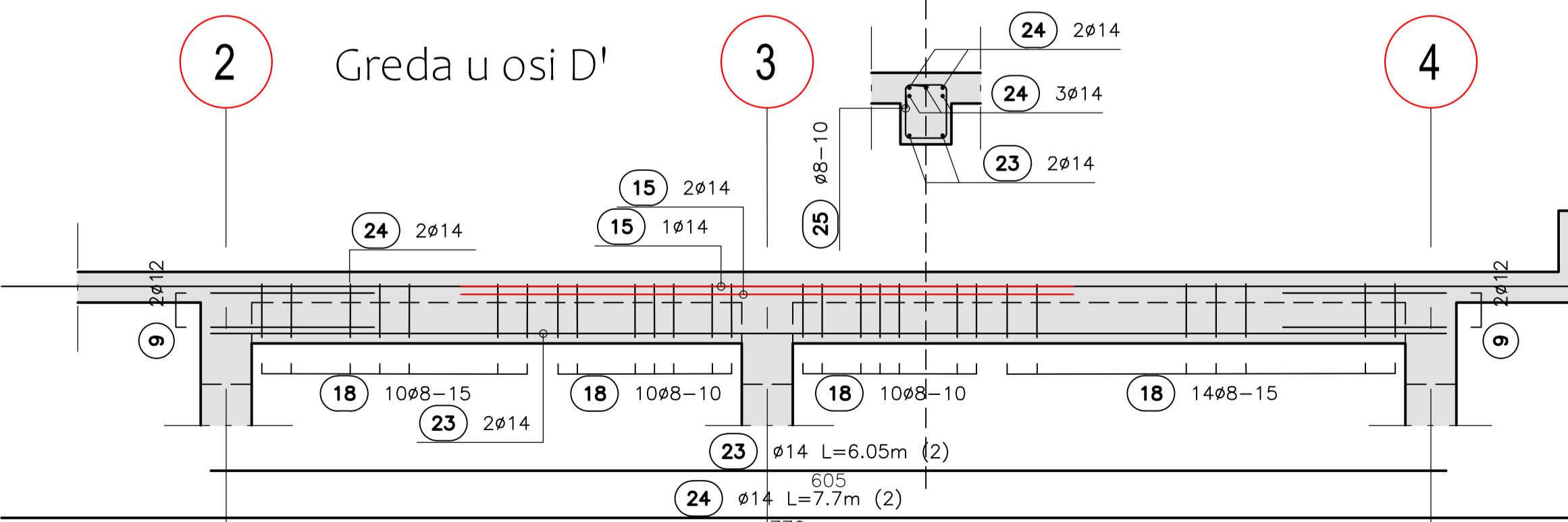
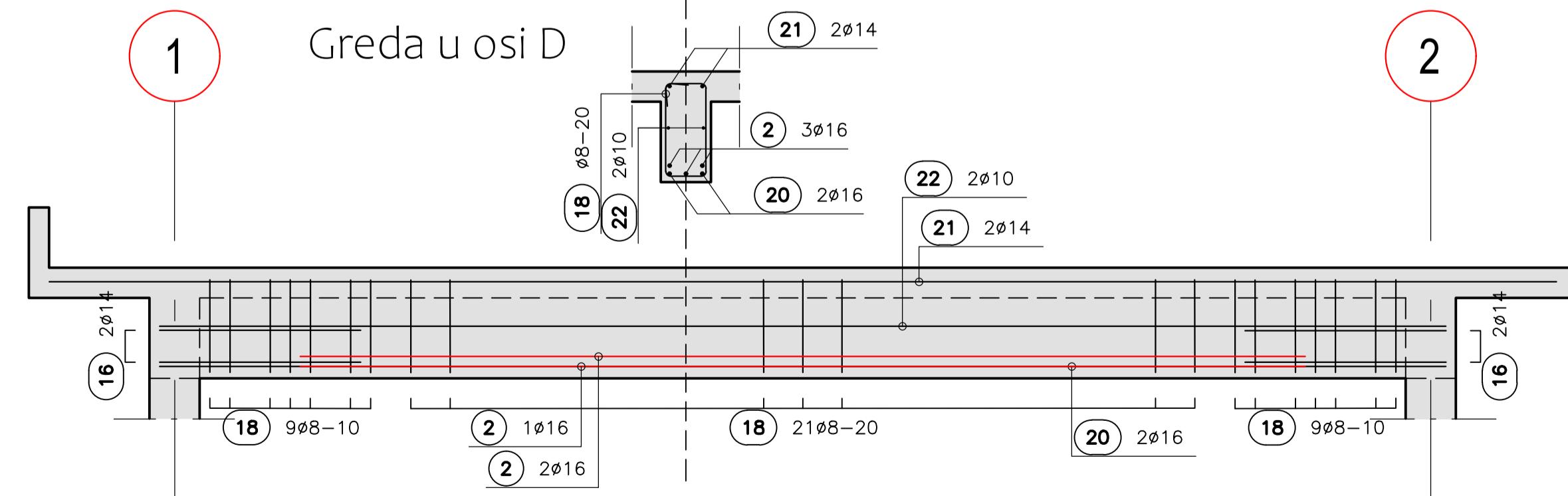
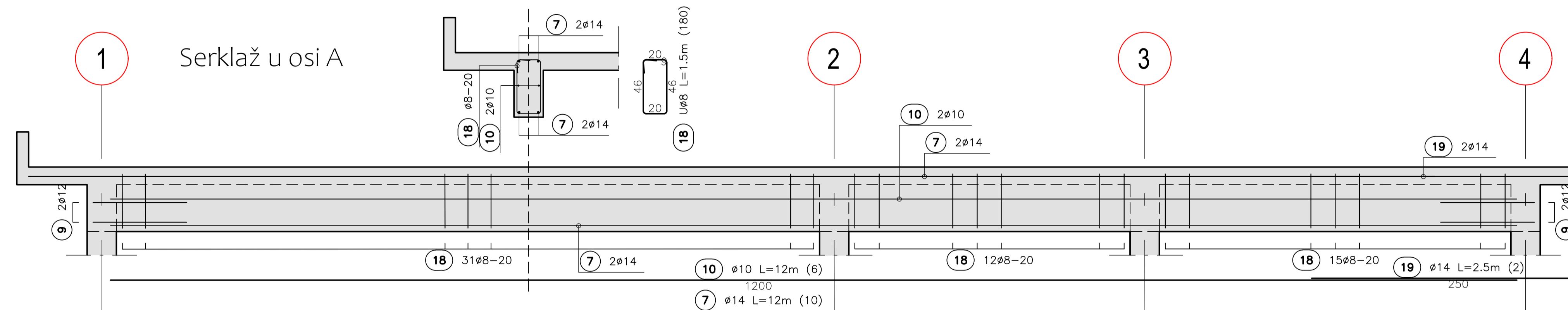
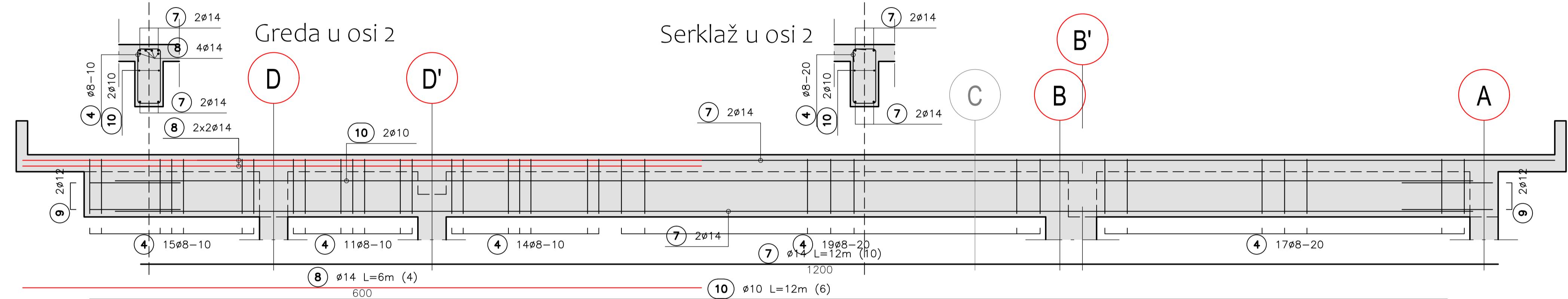
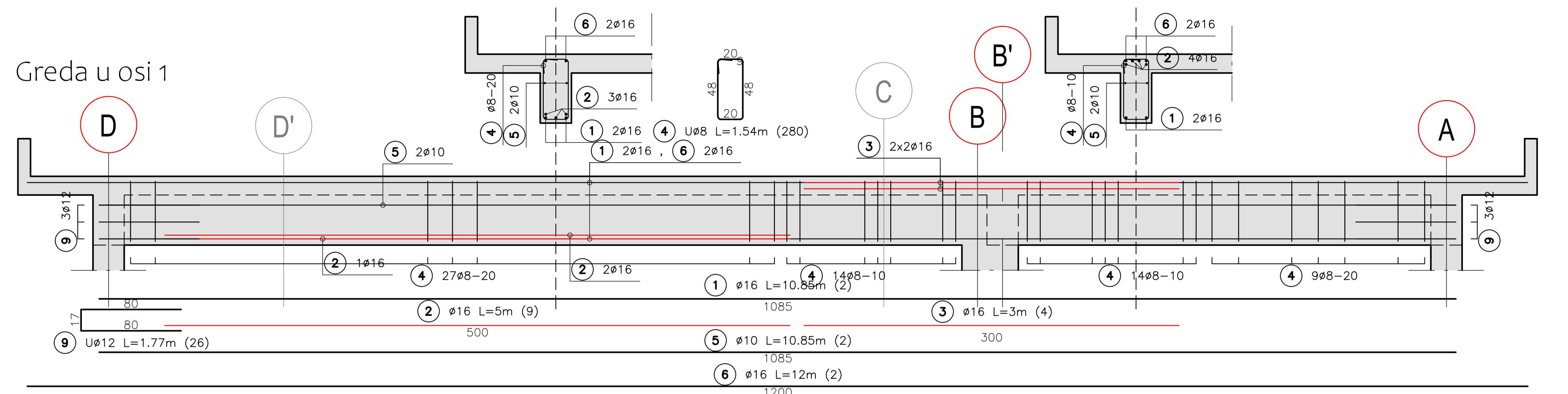
Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima:

	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$Cv > 100 \text{ mm} \text{ i } > 7 \emptyset$	$Cv > 50 \text{ mm} \text{ i } > 3 \emptyset$	$Cv \leq 50 \text{ mm ili } \leq 3 \emptyset$
D_{min}	4,0 \emptyset	7,0 \emptyset	10 \emptyset	15 \emptyset	20 \emptyset

ZAŠTITNI SLOJ BETONA	
TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

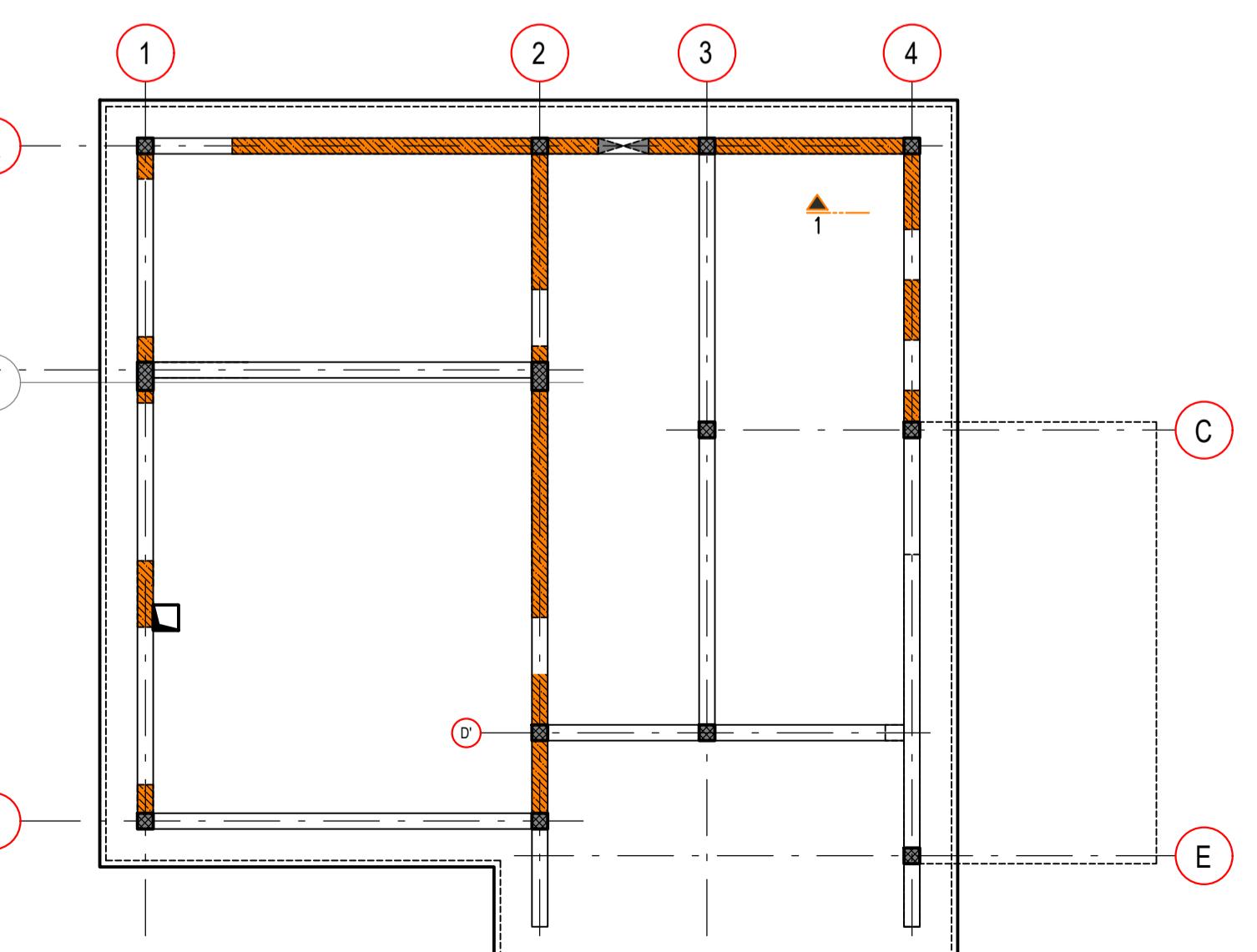
MATERIALI	
PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOWA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

NARUČILAC:	ESAD HRNJICA
PROJEKT:	GLAVNI PROJEKT STAMBENOG OBJEKTA vi. ESAD HRNNICA
NACRT:	PLAN ARMATURE PLOČA POZ 101. - GORNJA ZONA
BROJ NACRTA:	III-8.2
MERILIO:	1:50

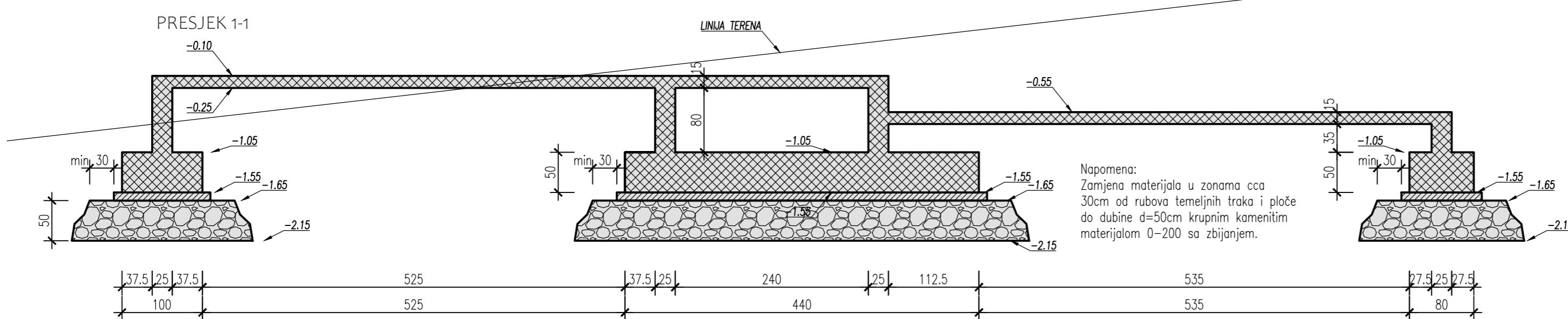
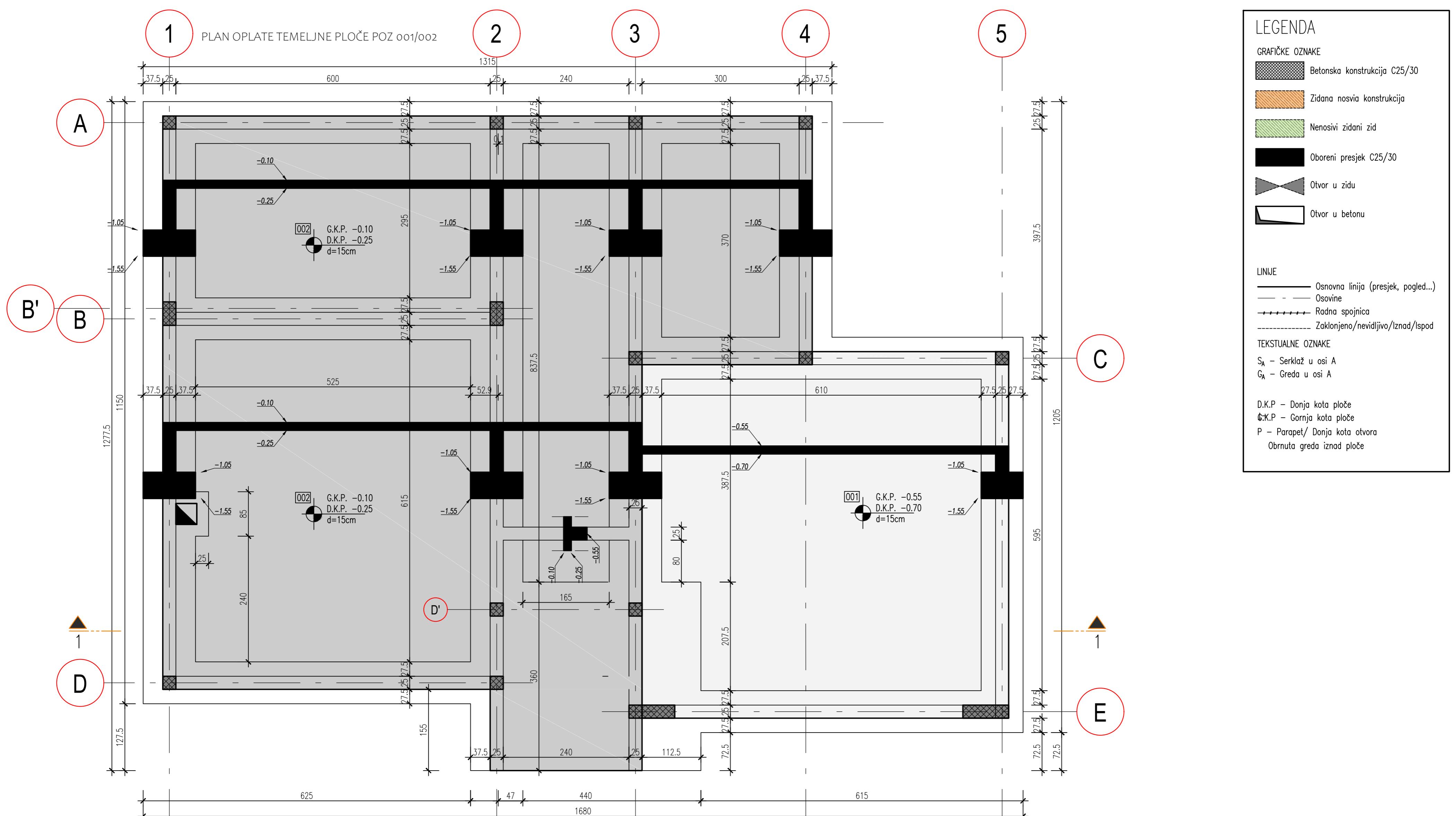


The figure consists of three parts. The left part shows two views of a stirrup being bent around a corner, with labels for the bend radius D_{min} , the bar diameter ϕ , and the cover thickness c_v . The middle part shows a stirrup being bent around a vertical column, with labels for the bend radius D_{min} , the bar diameter ϕ , and the cover thickness c_v . The right part shows a reinforcement bar being bent around a vertical column, with labels for the bend radius D_{min} and the cover thickness c_v .

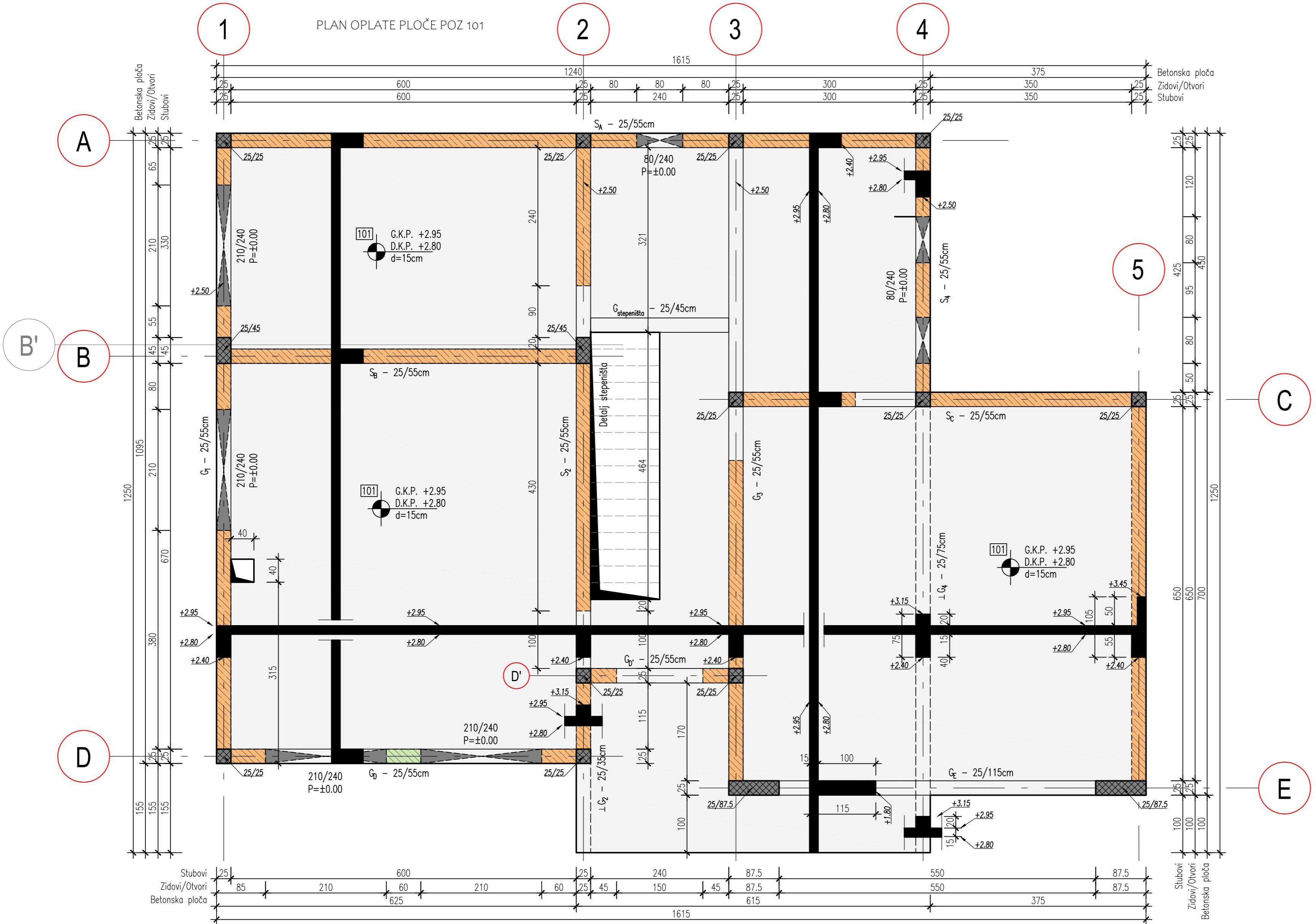
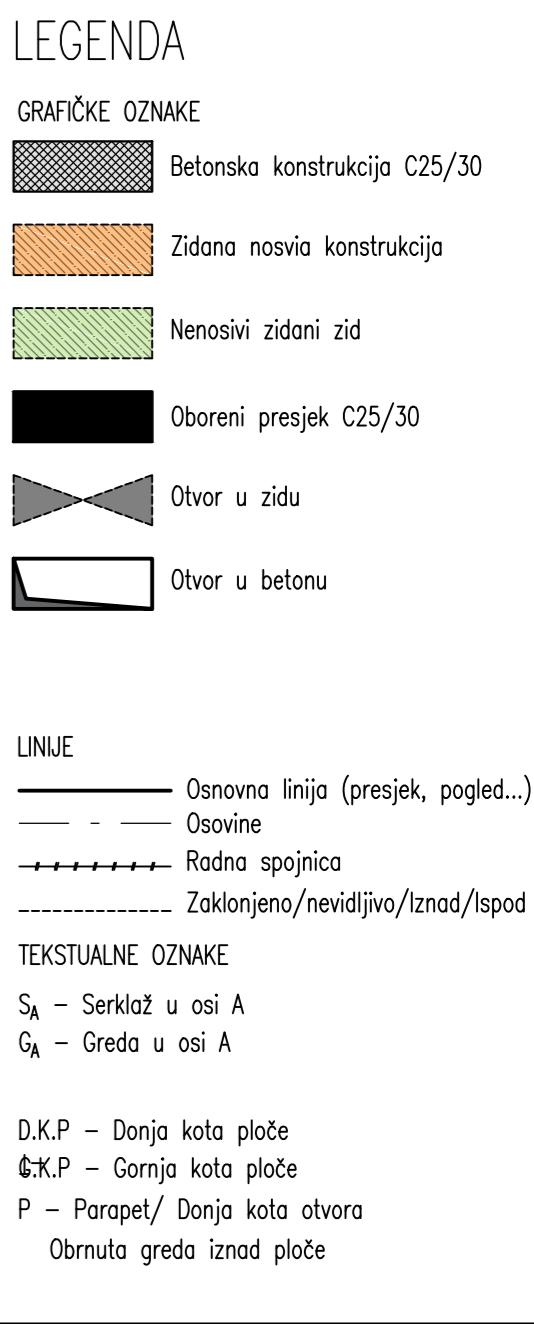
MATERIJALI	
ITNI SLOJ BETONA	
5,00 cm	C 16/20
3,00 cm	C 25/30
3,00 cm	C 25/30
-	C 25/30
ARMATURNE MREŽE	MAR500
GRANULIRANA ŠALE	500



ESAD HRNJICA	
GLAVNI PROJEKT STAMBENOG OBJEKTA v.l. ESAD HRNNICA	
PLAN ARMATURE GREDA POZ. 201	
A:	III-10.1
MJERILO:	1:25



<u>NARUČILAC:</u>	ESAD HRNJICA		
<u>PROJEKAT:</u>	GLAVNI PROJEKT STAMBENOG OBJEKTA vl. ESAD HRNNICA		
<u>NACRT:</u>	PLAN OPLATE TEMELJA I TEMELJNE PLOČE		
<u>BROJ NACRTA:</u>	III-1.1	<u>MJERILO:</u>	1:50

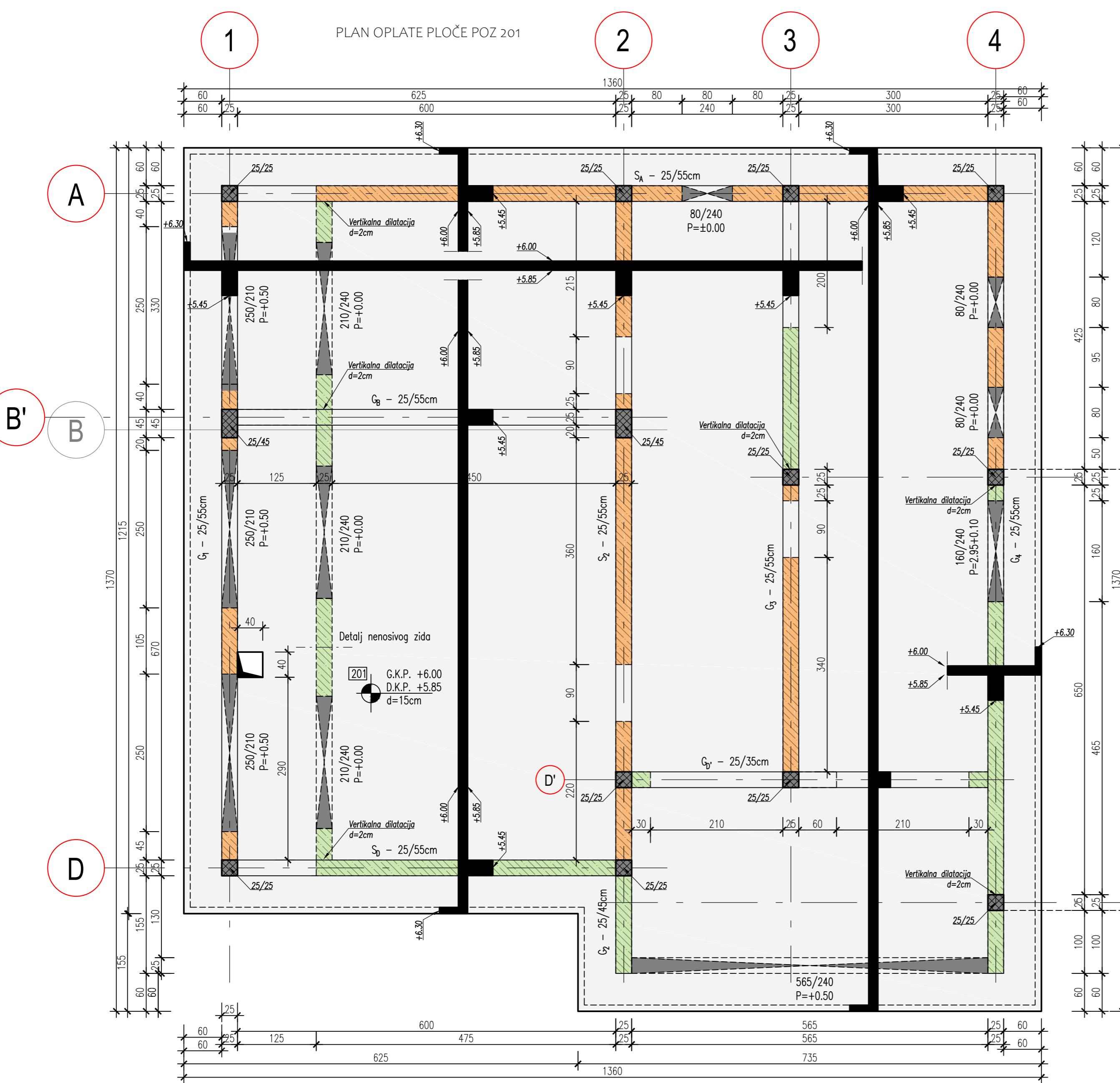


Napomena:

- Na nacrtima prikazane grede i serklaži bez nadvratnika/nadprozornika.Nadvratnike/nadprozornike predviđeni na licu mjestu.
- Na nacrtima prikazani su samo nosivi zidovi. Pregradne zidove je moguće izvesti od bet.blok/opeka, rigips i slično. Zidane pregradne zidove obavezno dilatirati na spoju sa pločom/gredom stirodrom d=5cm.

NARUČILAC:	ESAD HRNICA
PROJEKT:	GLAVNI PROJEKT STAMBENOG OBJEKTA vl. ESAD HRNICA
NACRT:	PLAN OPLATE PLOČE POZ. 101
BROJ NACRTA:	III-1.2
MERILO:	1:50

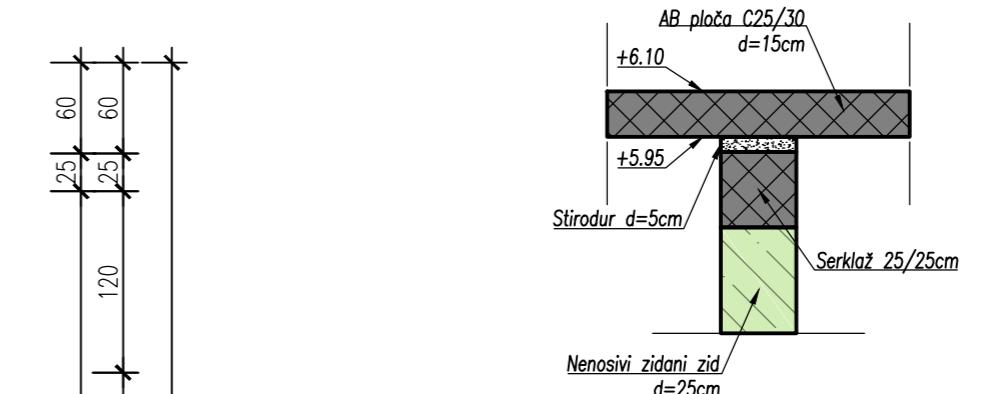
PLAN OPLATE PLOČE POZ 201



Napomena:

- Na nacrtima prikazane grede i serklaži bez nadvratnika/nadprozornika.Nadvratnike/Nadprozornike predviđeni na licu mesta.
- Na nacrtima prikazani su samo nosivi zidovi. Pregradne zidove je moguće izvesti od bet.blok/opeka, rigips i slično. Zidane pregradne zidove obavezno dilatirati na spoju sa pločom/gredom stirodrom d=5cm.

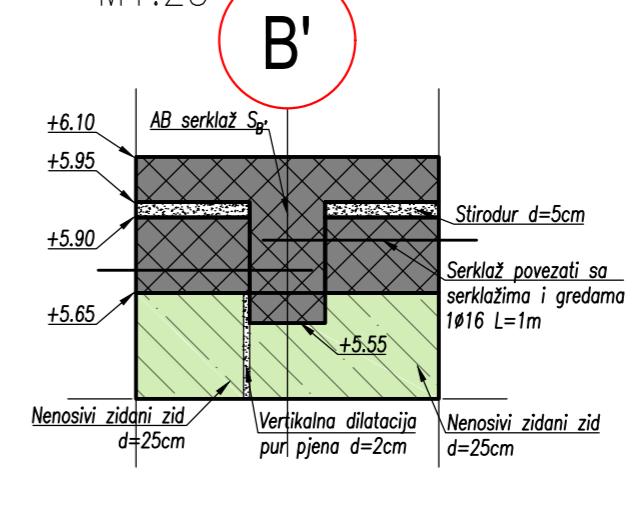
Detalj nenosivog zida
na spoju sa pločom/gredom
M1:25



Napomena:
Na mjestu sučelja serklaža sa gredama i serklažima iz drugog pravca (ose A,B i D) serklaž povezati konstruktivno u skladu sa skicom.
Izbušiti rupu promjera Ø18mm dubine d=20cm, zalići smjesom sika Anchorfix i ugraditi šipku Ø16mm dužine 1m.

TEKSTUALNE OZNAKE
S_A – Serklaž u osi A
G_A – Greda u osi A
D.K.P – Donja kota ploče
G.K.P – Gornja kota ploče
P – Parapet/ Donja kota otvora
Obrnuta greda iznad ploče

Detalj spoja serklaža i
sučeonih greda
M1:25

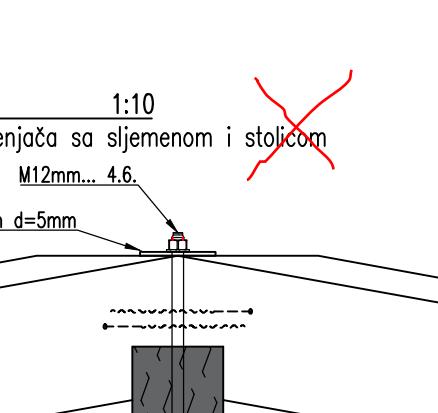
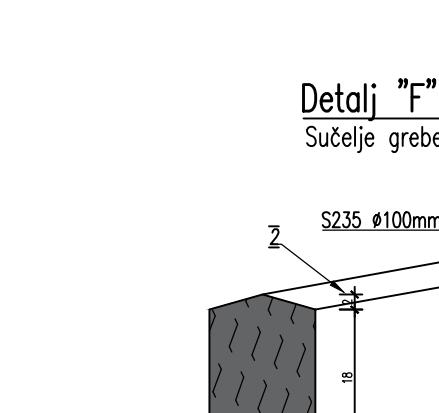
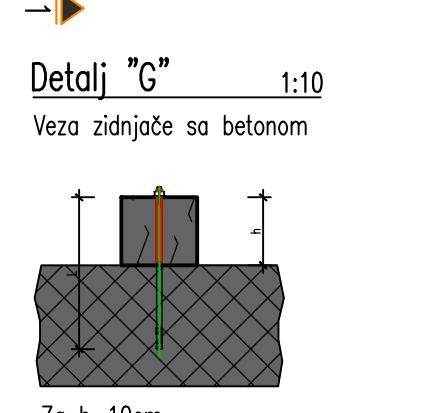
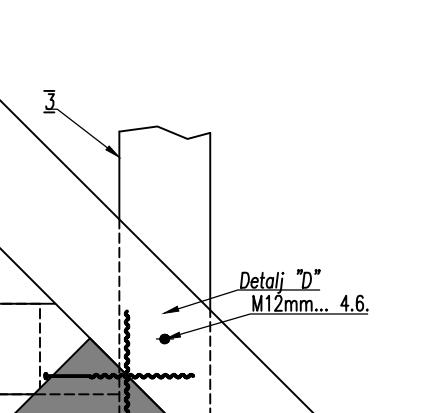
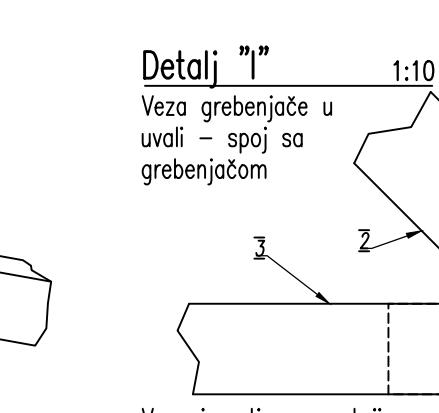
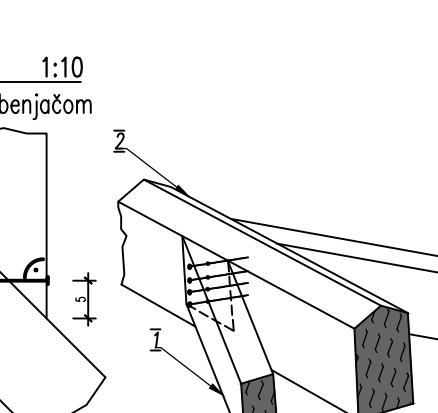
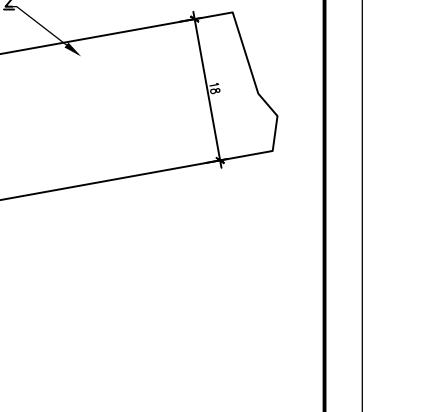
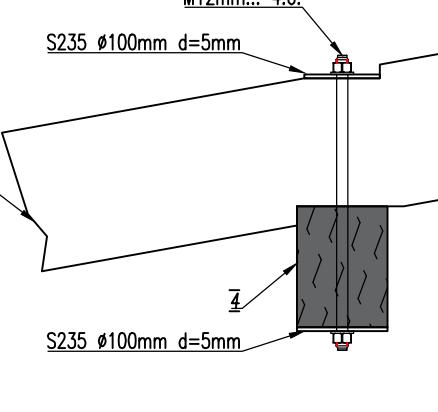
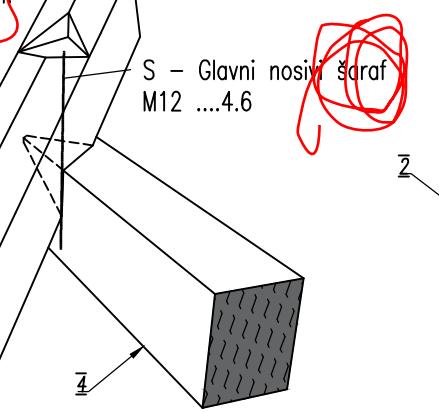
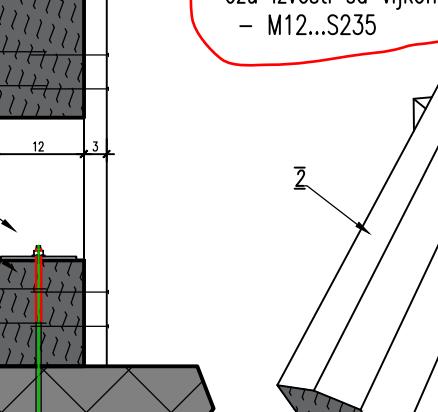
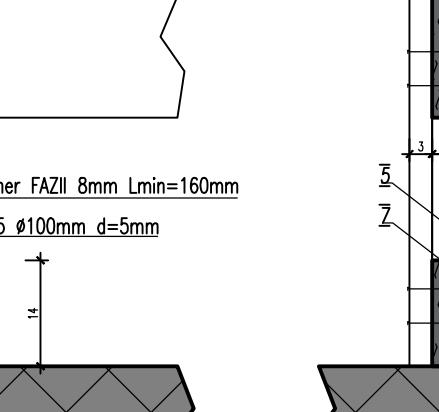
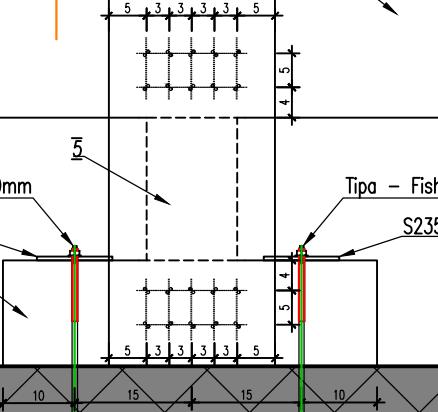
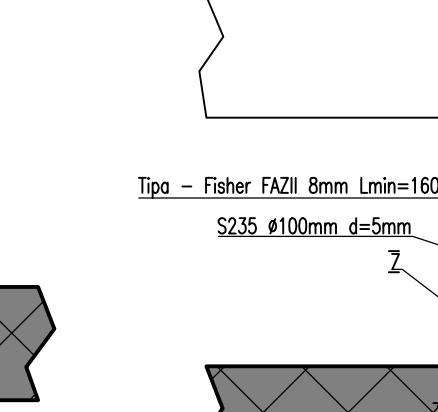
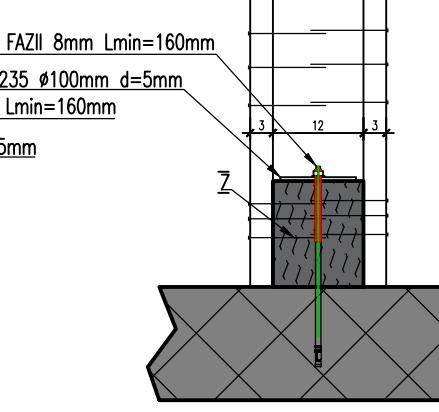
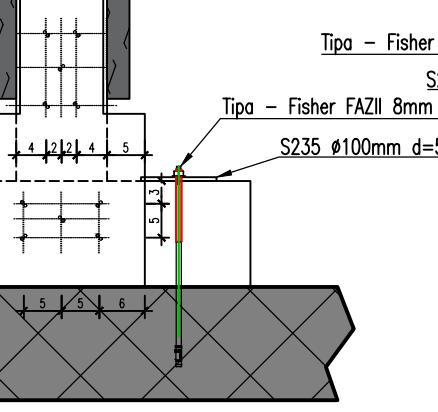
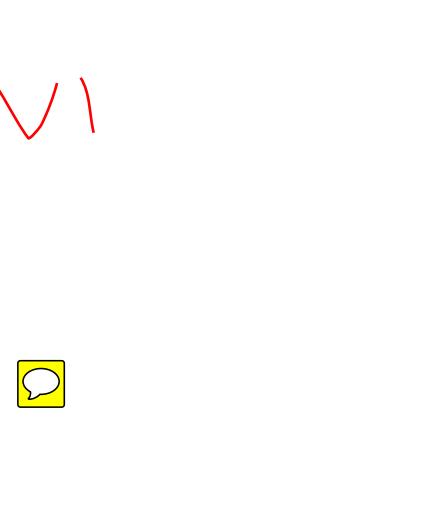
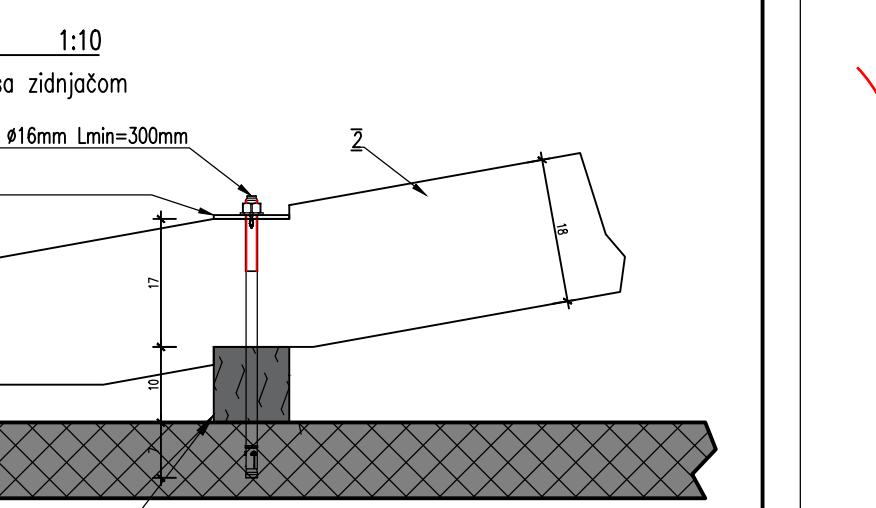
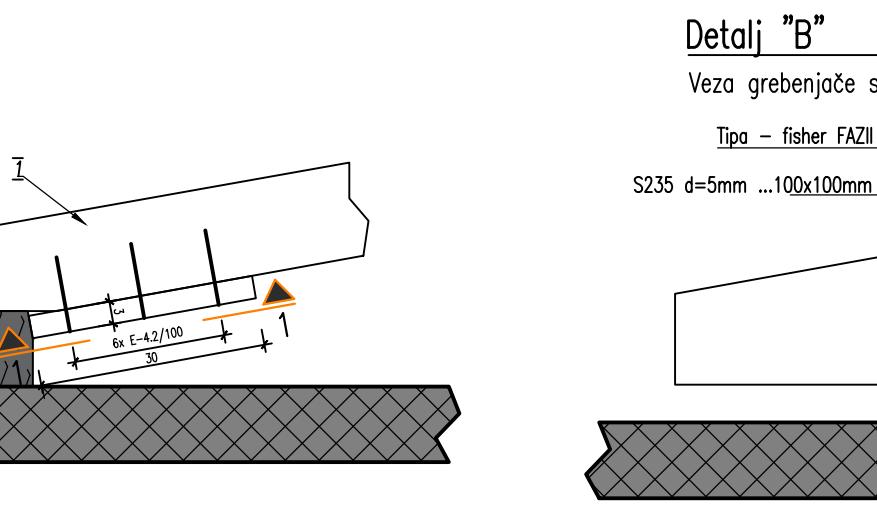
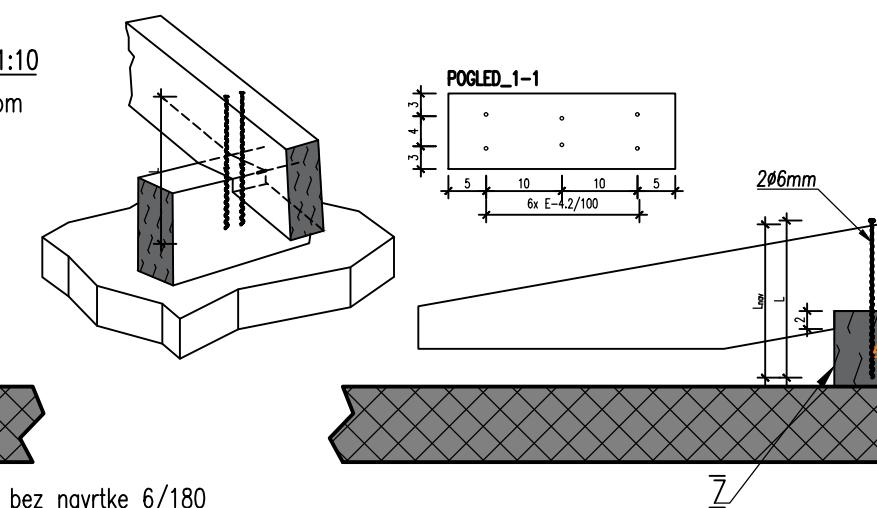
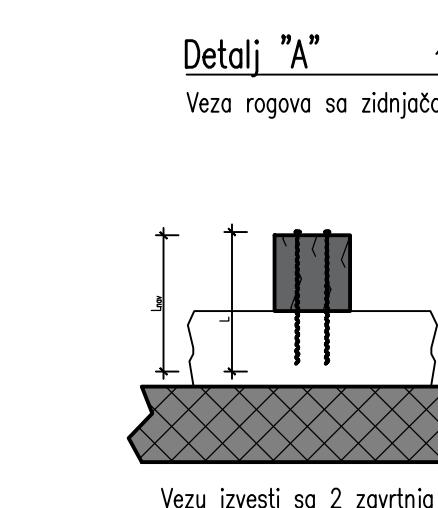
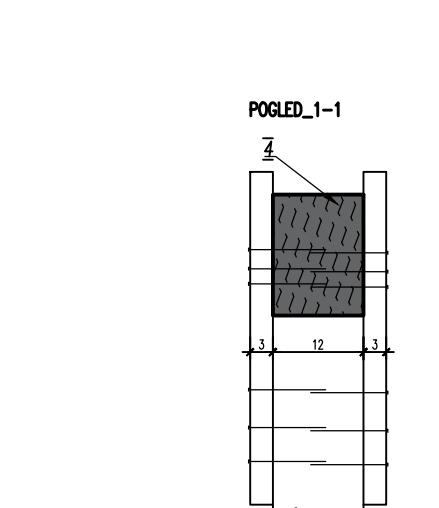
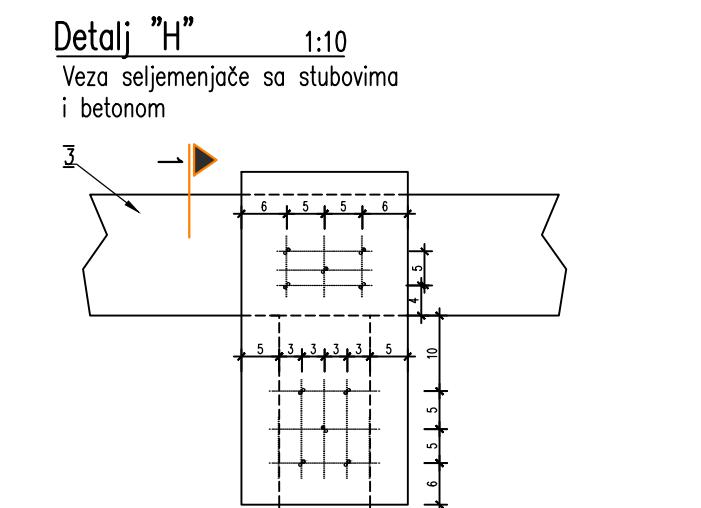
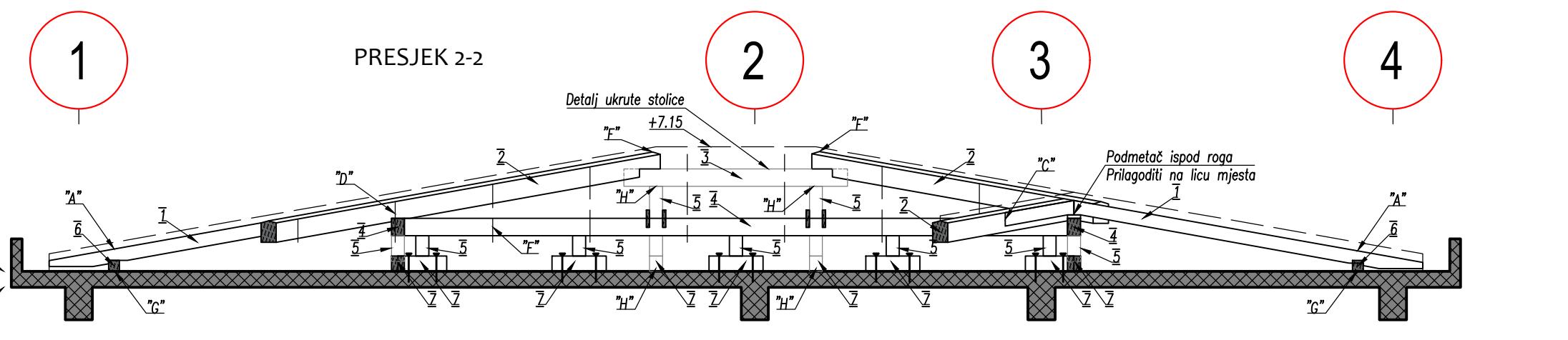
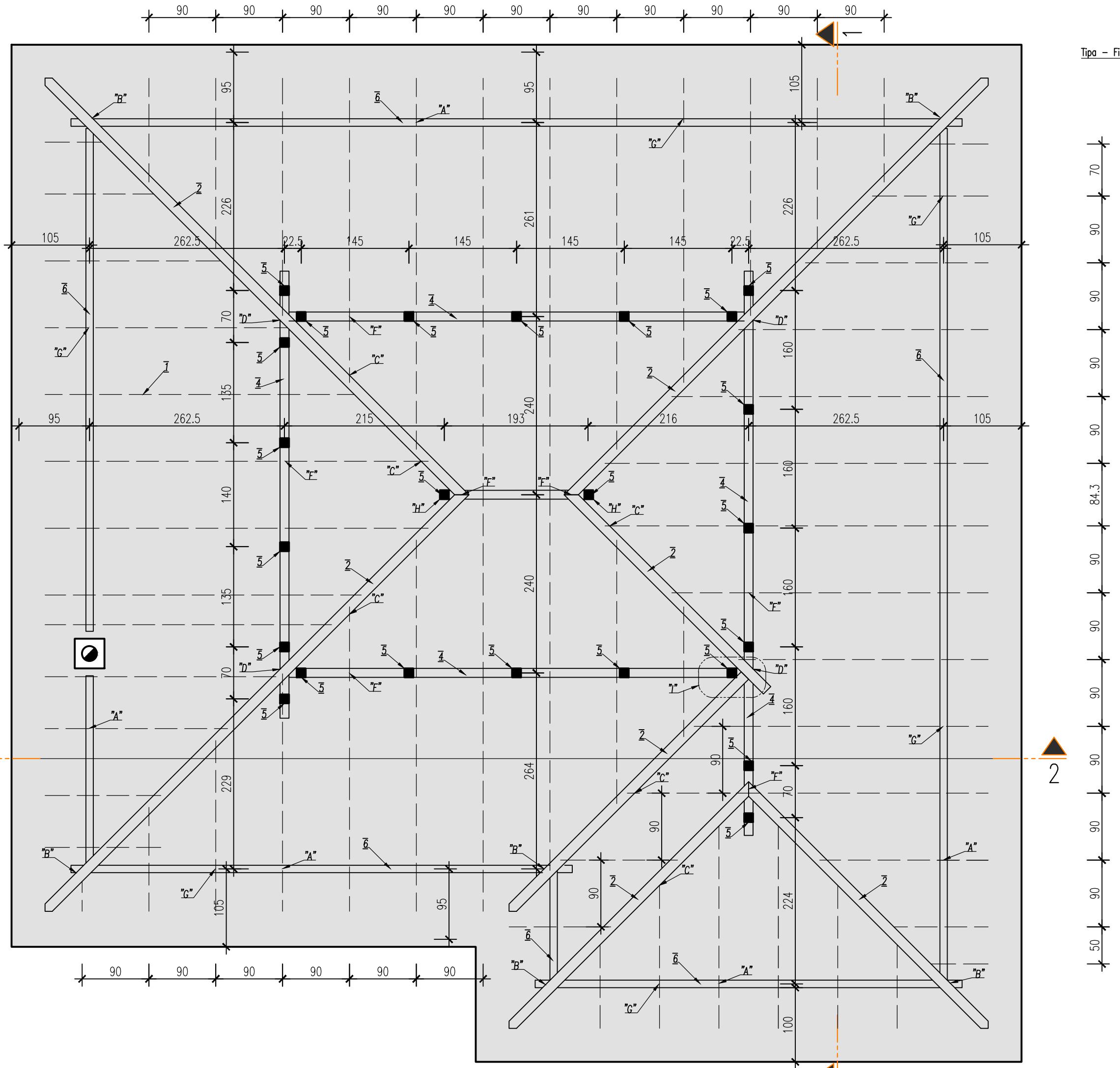


NARUČILAC:	ESAD HRNICA
PROJEKT:	GLAVNI PROJEKT STAMBENOG OBJEKTA vl. ESAD HRNICA
NACRT:	PLAN OPLATE PLOČE POZ. 201
BROJ NACRTA:	III-1.3
MERILO:	1:50

LEGENDA	
GRAFIČKE OZNAKE	
Betonska konstrukcija C25/30	
Zidana nosiva konstrukcija	
Nenosivi zidani zid	
Oboreni presjek C25/30	
Otvor u zidu	
Otvor u betonu	
LINJE	
Osnovna linija (presjek, pogled...)	
Osovina	
Radna spojnica	
Zaklonjeno/nevidljivo/Iznad/Ispod	
TEKSTUALNE OZNAKE	
S _A – Serklaž u osi A	
G _A – Greda u osi A	
D.K.P – Donja kota ploče	
G.K.P – Gornja kota ploče	
P – Parapet/ Donja kota otvora	
Obrnuta greda iznad ploče	

Specifikacija drvene grade		
Poz.	Dimenzije b/h [cm]	Opis
1	10/14	Rogovi
2	14/20*	Grebenjača
3	12/16	Sijemenača
4	12/16	Stolice
5	12/12	Stubovi
6	10/10	Zidnjača
7	10/14	Podmetač
8	3/16	Ukruta
9	10/12	Kosnik

* Greda ožičavaju se u skladu sa detaljom "T"

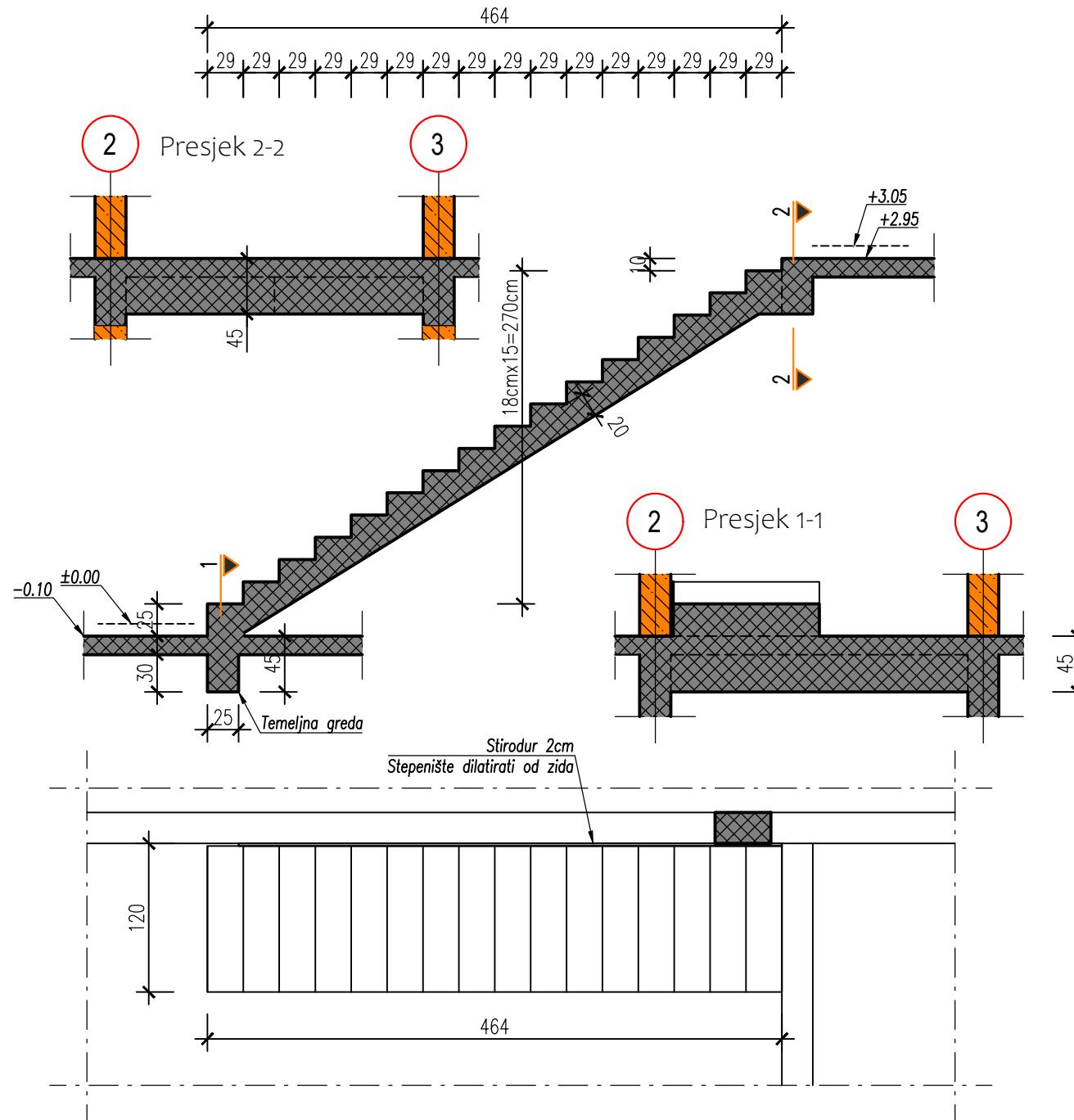


NARUČILAC:	ESAD HRNICA
PROJEKT:	GLAVNI PROJEKT STAMBENOG OBJEKTA v.l. ESAD HRNICA
NACRT:	PLAN KROVA
BROJ NACRTA:	III-2.1
MJERILO:	1:50

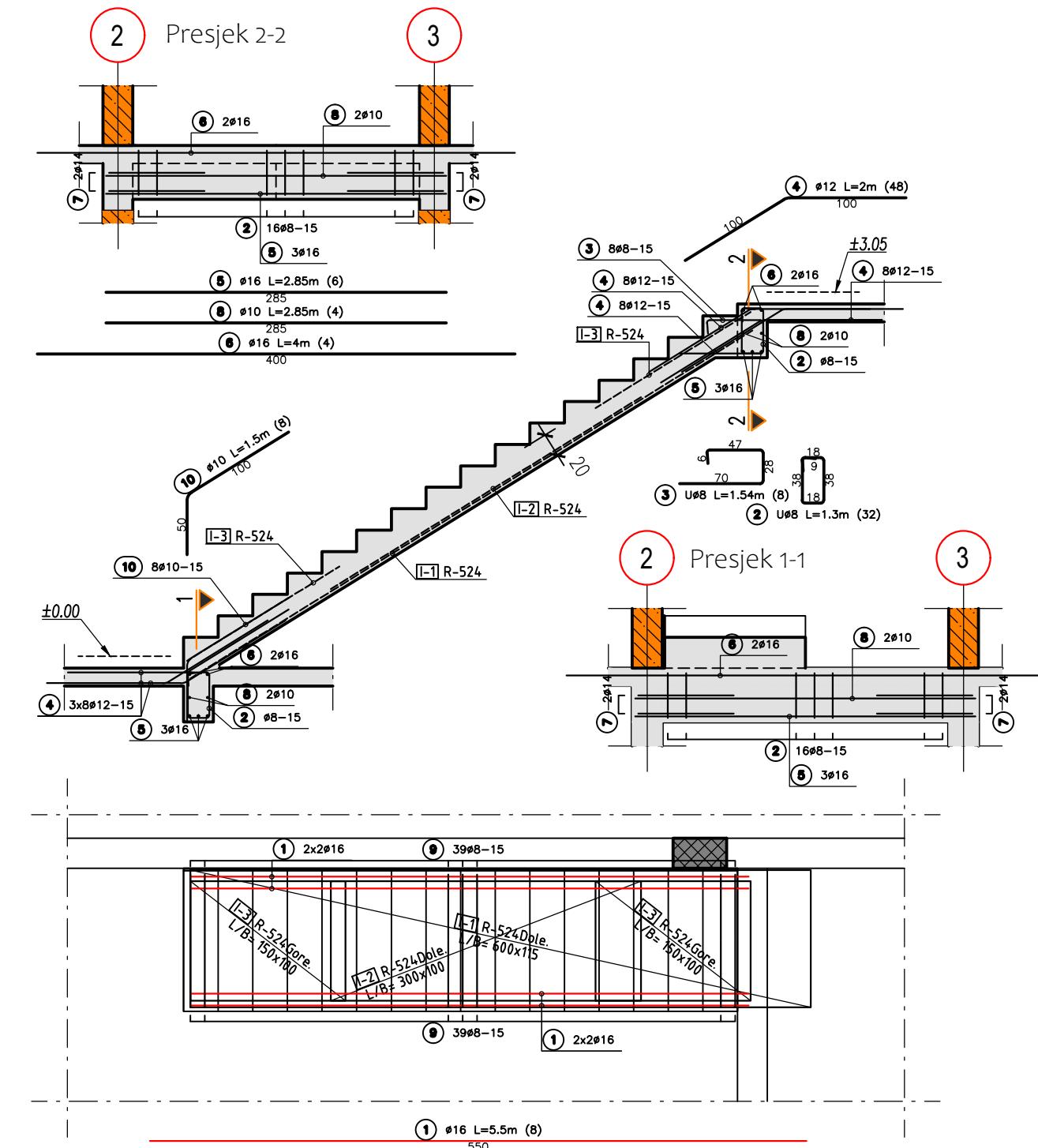
V1



Detalj stepeništa

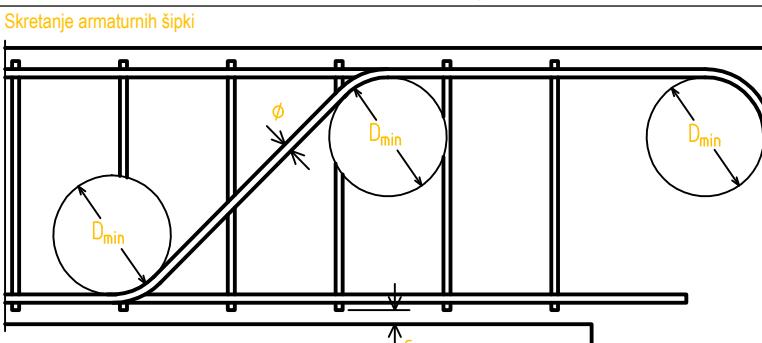
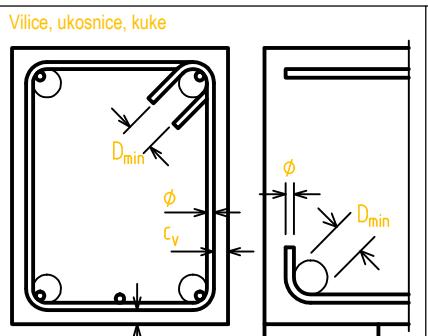


Detalj armature stepeništa



Minimalni prečnici povijanja D_{\min}

(prema: DIN EN1992-1-1/NA Tabela NA.8)



Za promjer šipke:

Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima

	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$Cv > 100 \text{ mm} \ i > 7 \emptyset$	$Cv > 50 \text{ mm} \ i > 3 \emptyset$	$Cv \leq 50 \text{ mm ili } \emptyset \leq 3 \text{ mm}$
D_{\min}	4,0 \emptyset	7,0 \emptyset	10 \emptyset	15 \emptyset	20 \emptyset

ZAŠTITNI SLOJ BETONA	
TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

MATERIJALI	
PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

NABIJČILAC:

ESAD HRNICA

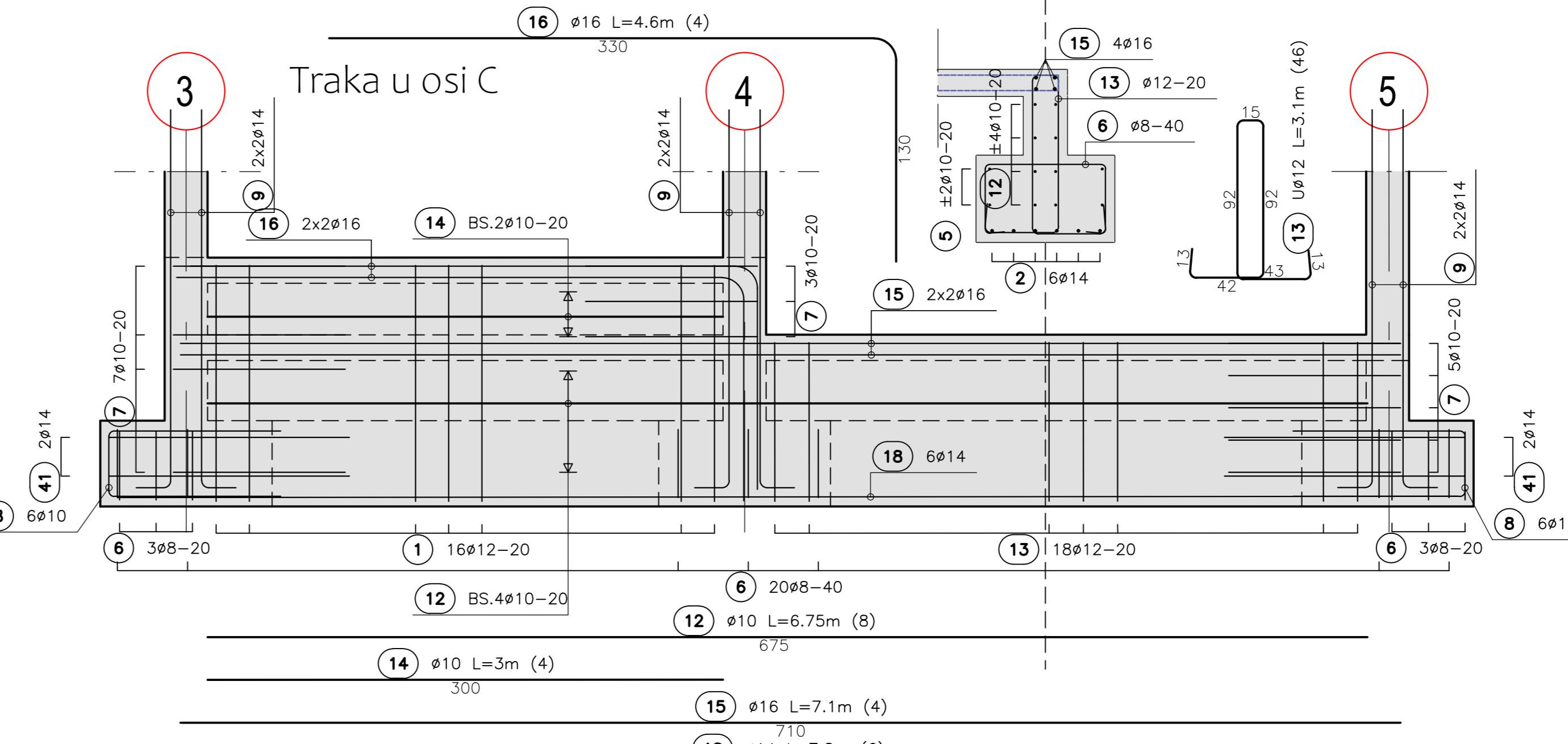
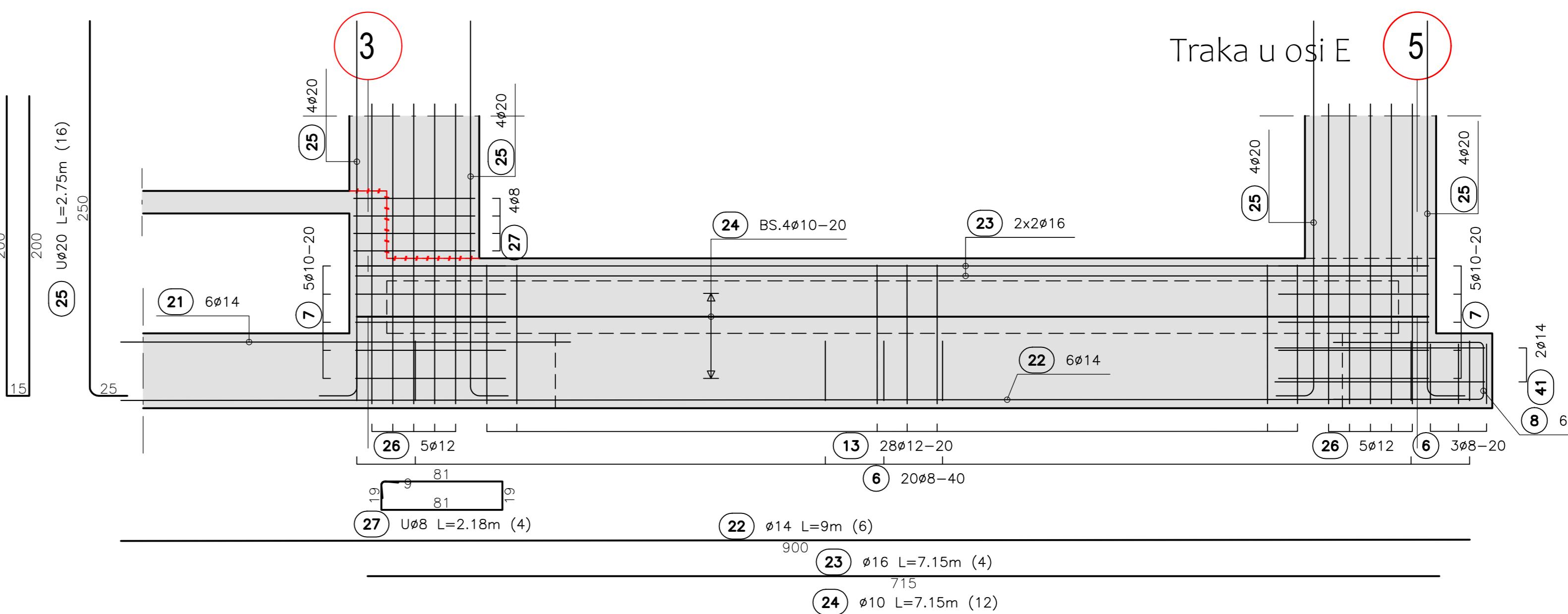
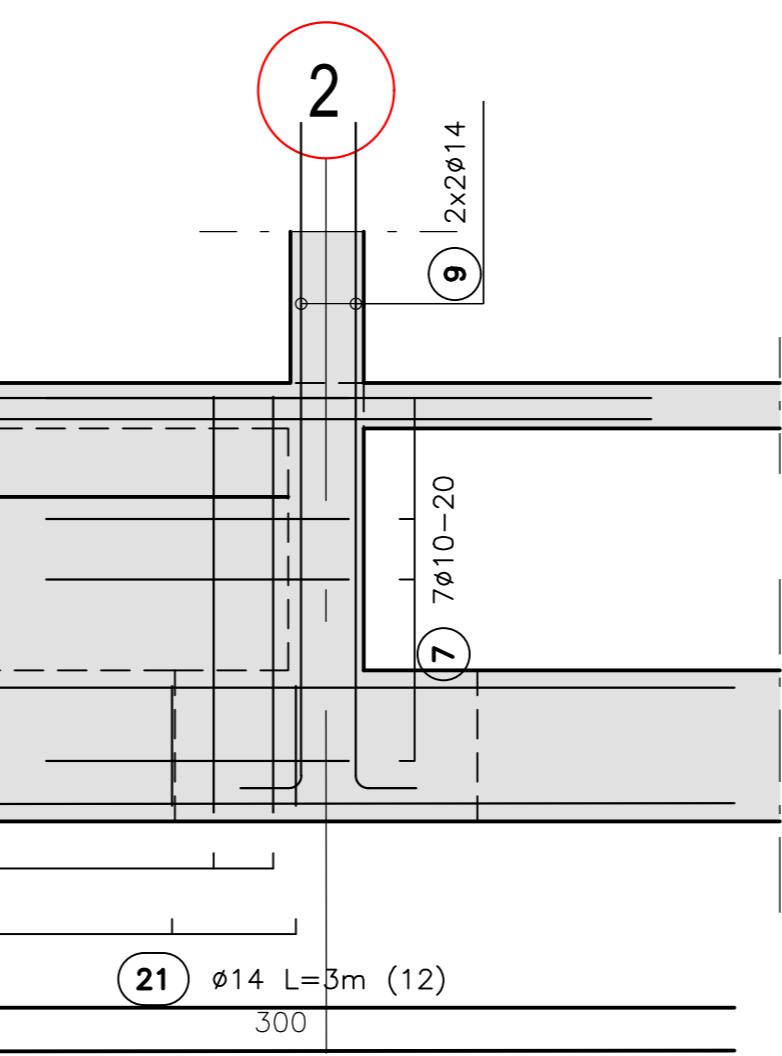
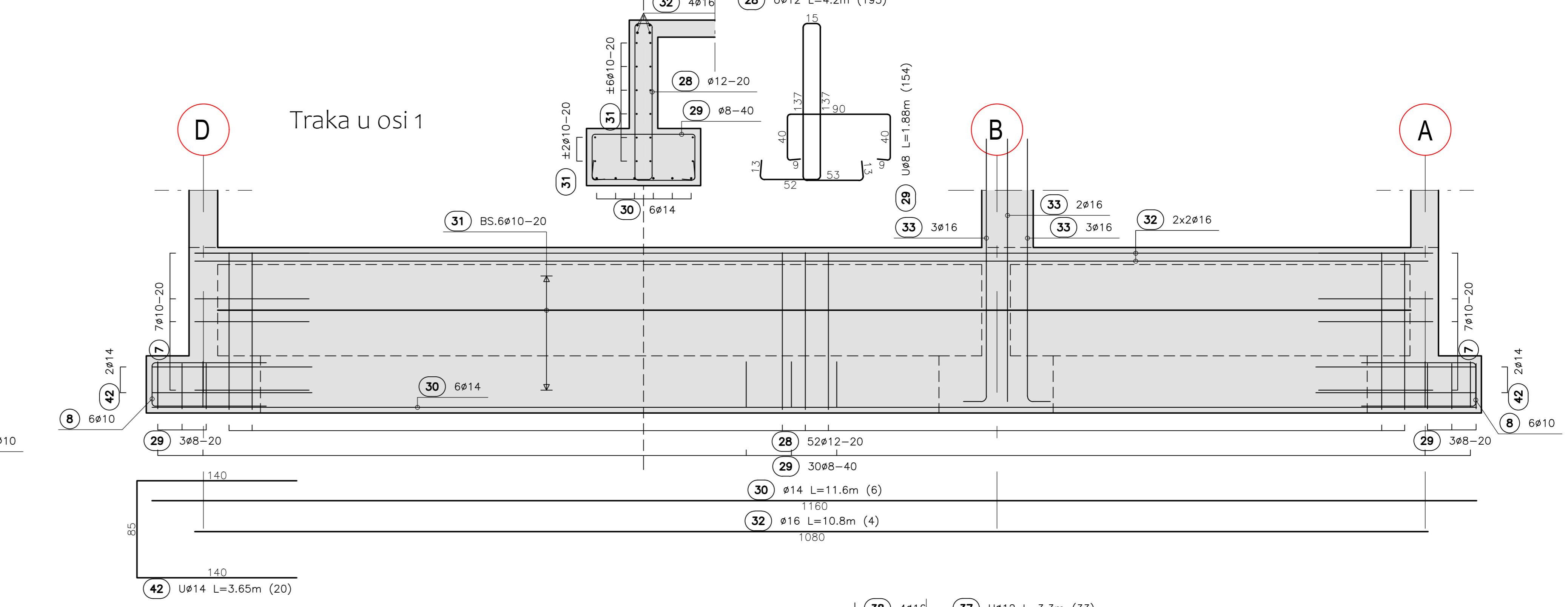
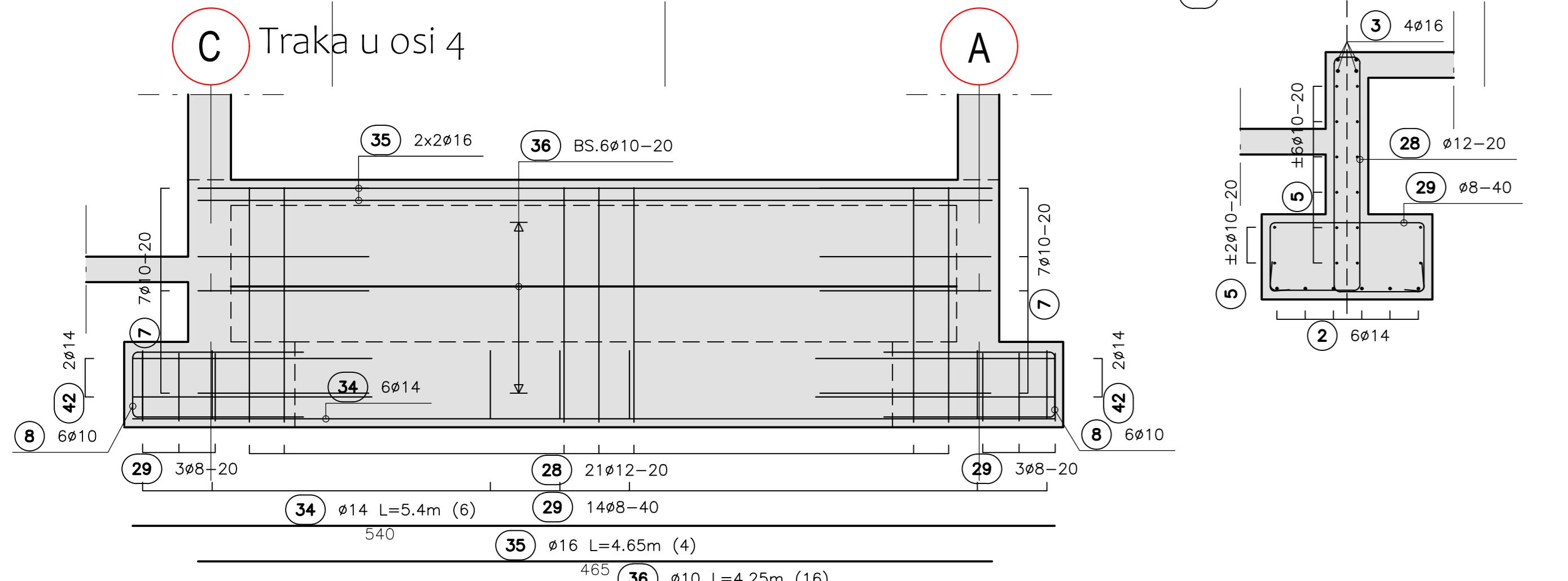
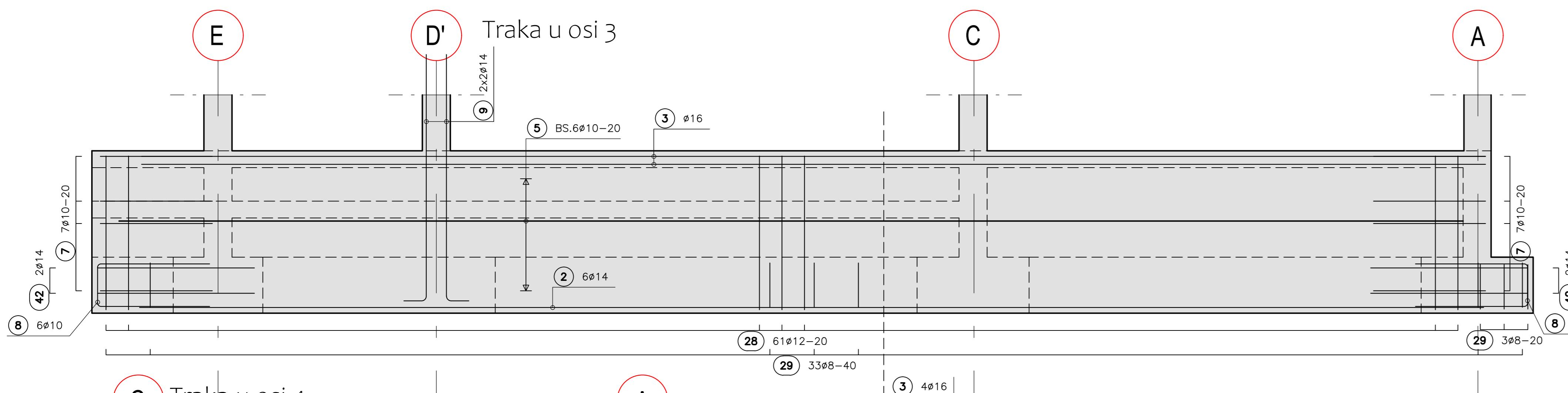
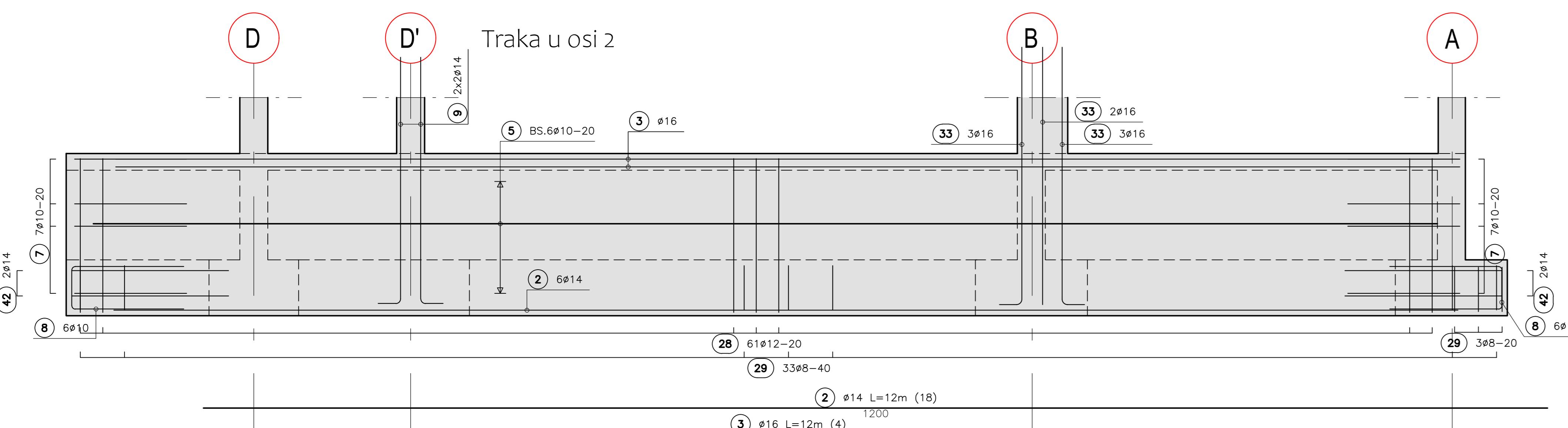
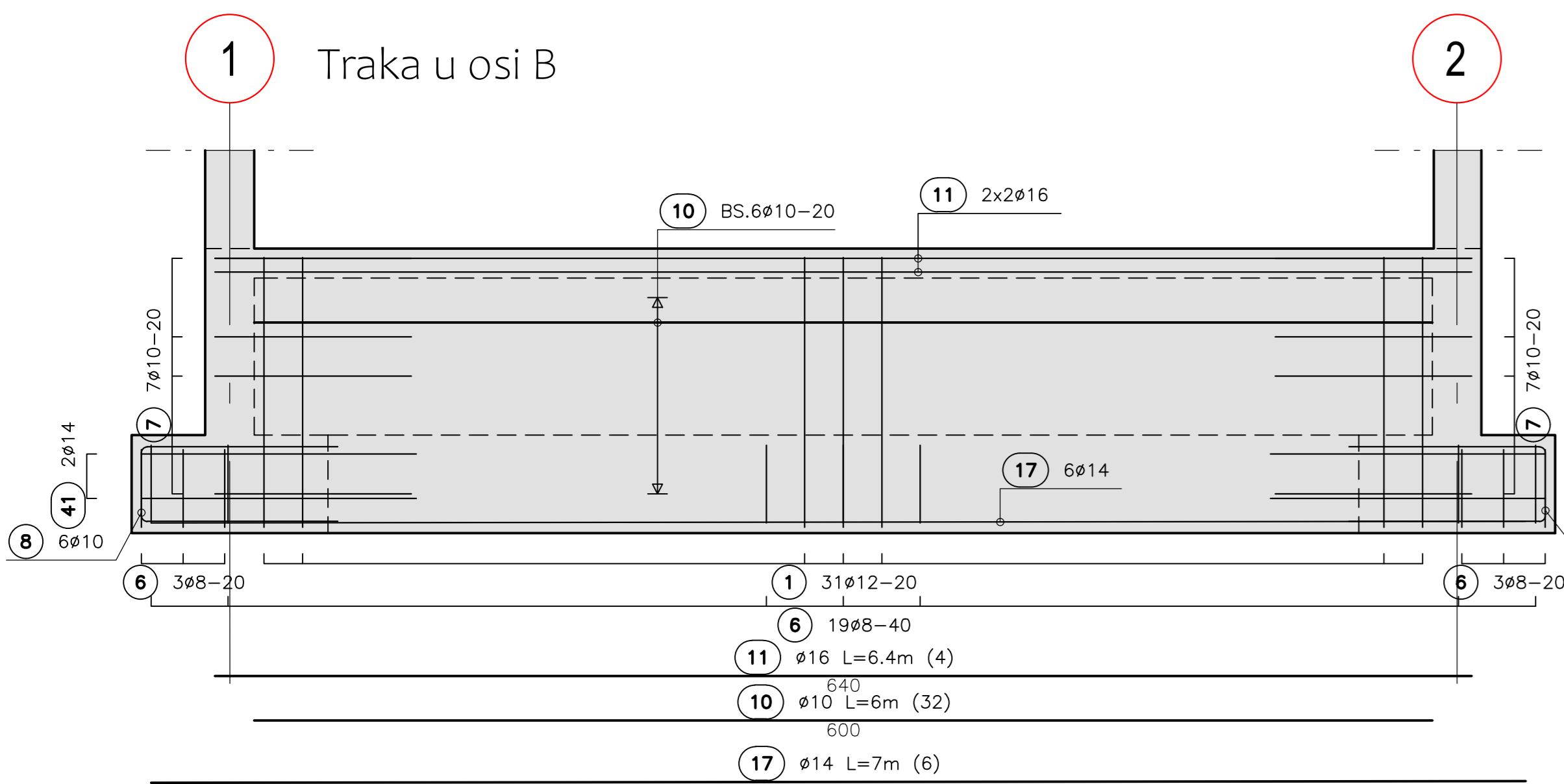
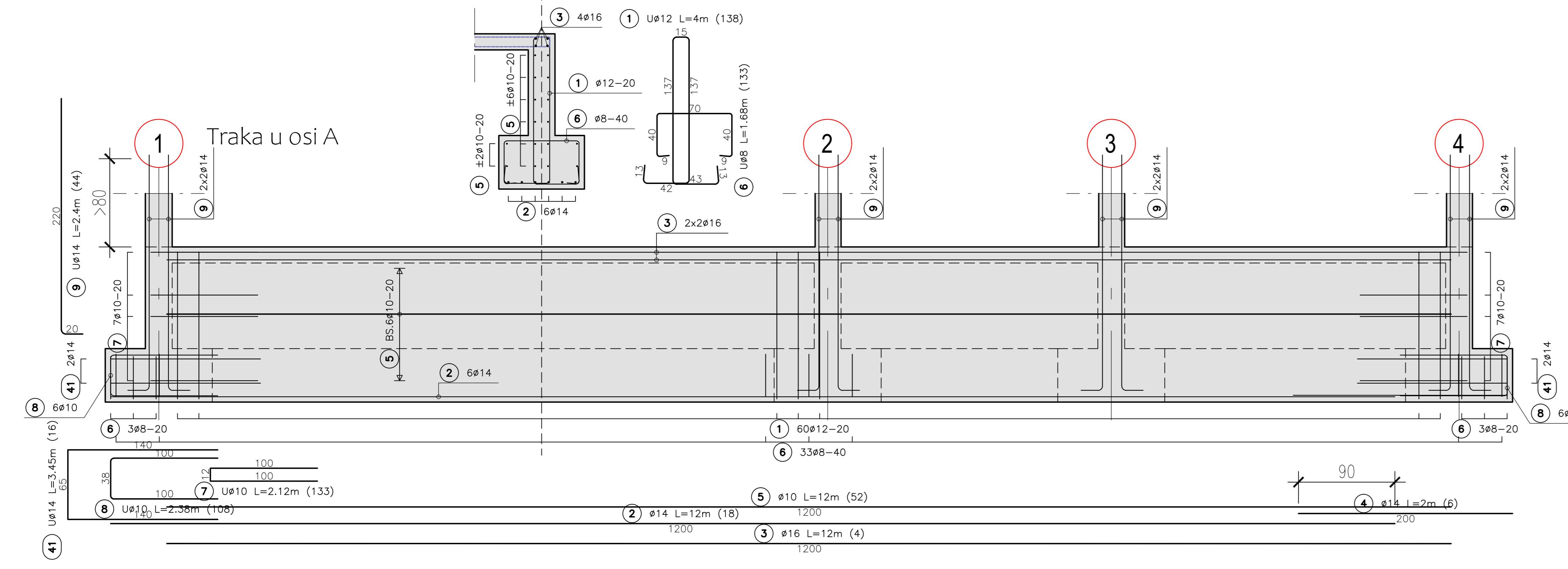
GLAVNI PROJEKT
STAMBENOG OBJEKTA v1. ESAD HRNNICA

NACRT:

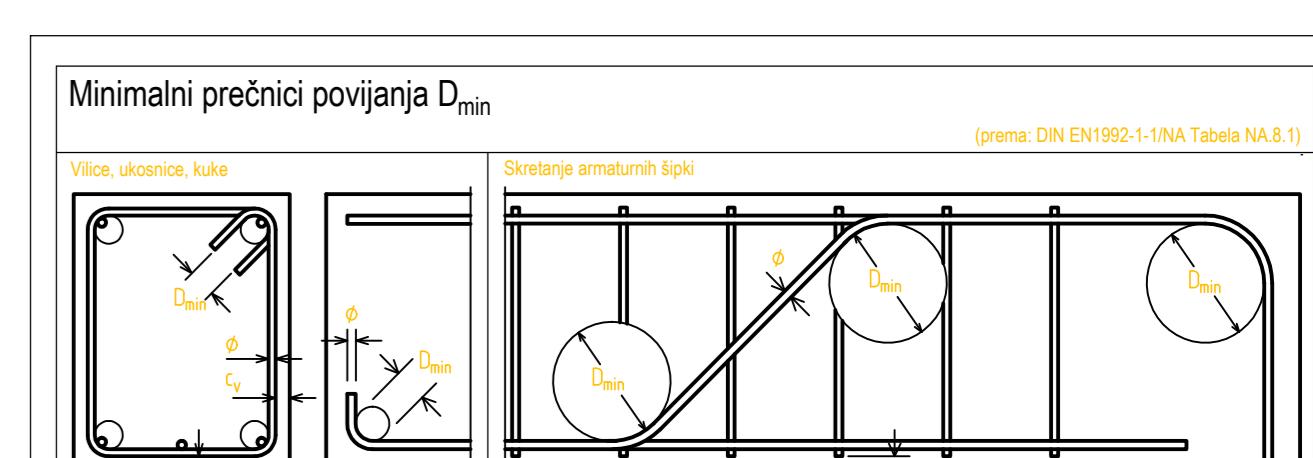
DETALJ STEPENIŠTA

BROJ NACRTA: III-3.

MJERILO: 1:50



ZAŠTITNI SLOJ BETONA		MATERIJALI	
TEMELJI	5,00 cm	PODLOŽNI BETON	C 16/20
STUBOVI	3,00 cm	BETON TEMELJA I PODNE PLOČE	C 25/30
PLOČE	3,00 cm	BETON GREDA I PLOČA	C 25/30
ZIDOVI	-	BETON ZIDOVA I STUBOVA	C 25/30
		ARMATURNE MREŽE	MAR500
		ARMATURNE ŠIPKE	S500



Za promjer šipke:	Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima:			
$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$C_v > 100 \text{ mm} \text{ i } \emptyset > 7 \emptyset$	$C_v > 50 \text{ mm} \text{ i } \emptyset > 3 \emptyset$	$C_v \leq 50 \text{ mm ili } \emptyset \leq 3 \emptyset$

	12 - 20 mm	15 - 25 mm	30 - 40 mm	30 - 50 mm	30 - 60 mm
D _{min}	4,0 Ø	7,0 Ø	10 Ø	15 Ø	20 Ø

ANSWER

NARUČILAC:
ESAD HRNJICA

PROJEKAT:

PROJEKT:
GLAVNI PROJEKT
STAMBENOG OBJEKTA v.l. ESAD HRNNICA

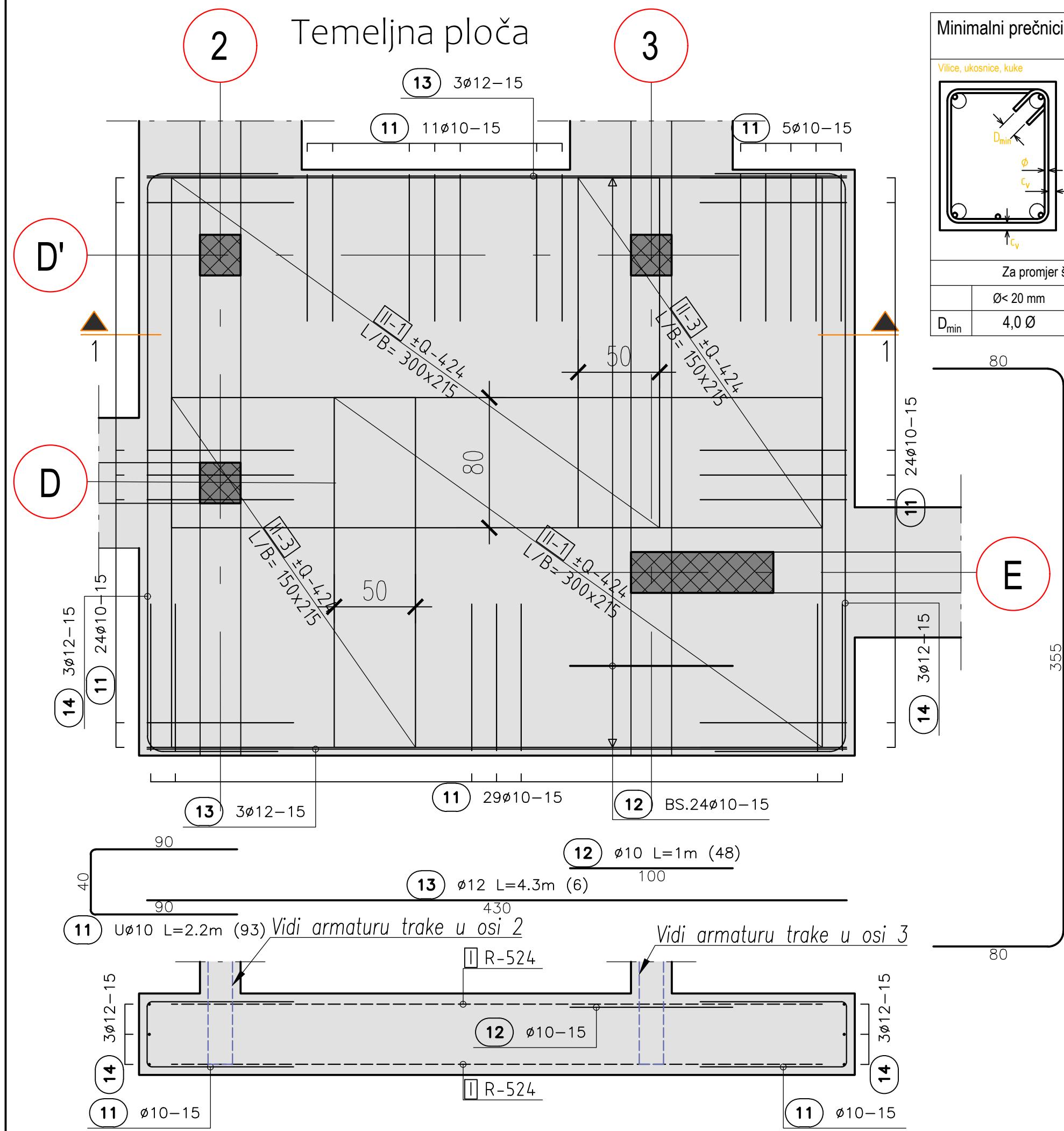
For more information about the study, please contact the study team at 1-800-258-4238 or visit www.cancer.gov.

NACRT: PLAN ARMATURE
TEMELJNIH TRAKA

BROJ NACRTA: III-4.1 MJERILO: 1:25

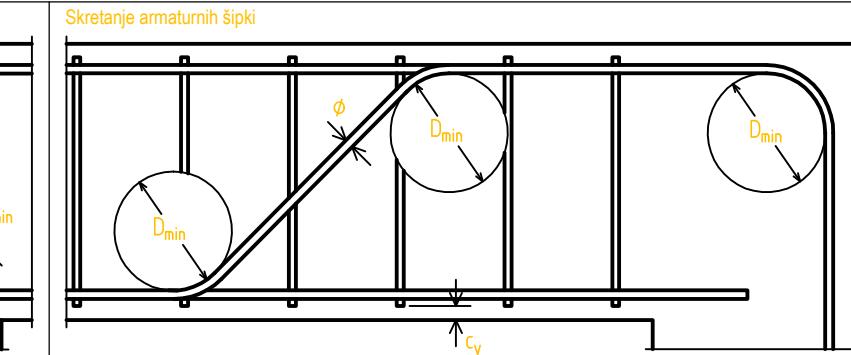
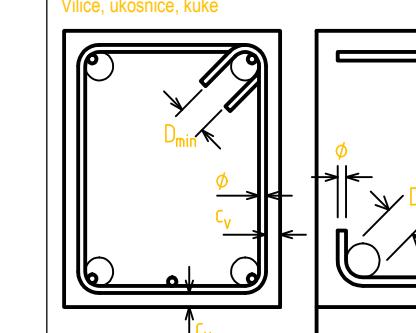
For more information about the study, please contact the study team at 1-800-258-4263 or visit www.cancer.gov.

Temeljna ploča



Minimalni prečnici povijanja D_m

(prema: DIN EN1992-1-1/NA Tabela NA.8.1)



Za promjer šip

Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima:

	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$Cv > 100 \text{ mm} \quad i > 7 \emptyset$	$Cv > 50 \text{ mm} \quad i > 3 \emptyset$	$Cv \leq 50 \text{ mm ili } \leq 3 \emptyset$
D	40 Ø	70 Ø	10 Ø	15 Ø	20 Ø

ZAŠTITNI SLOJ BETONA	
TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

MATERIJALI	
PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

NARUČITI AC

ESAD HRNJICA

PROJEKT:

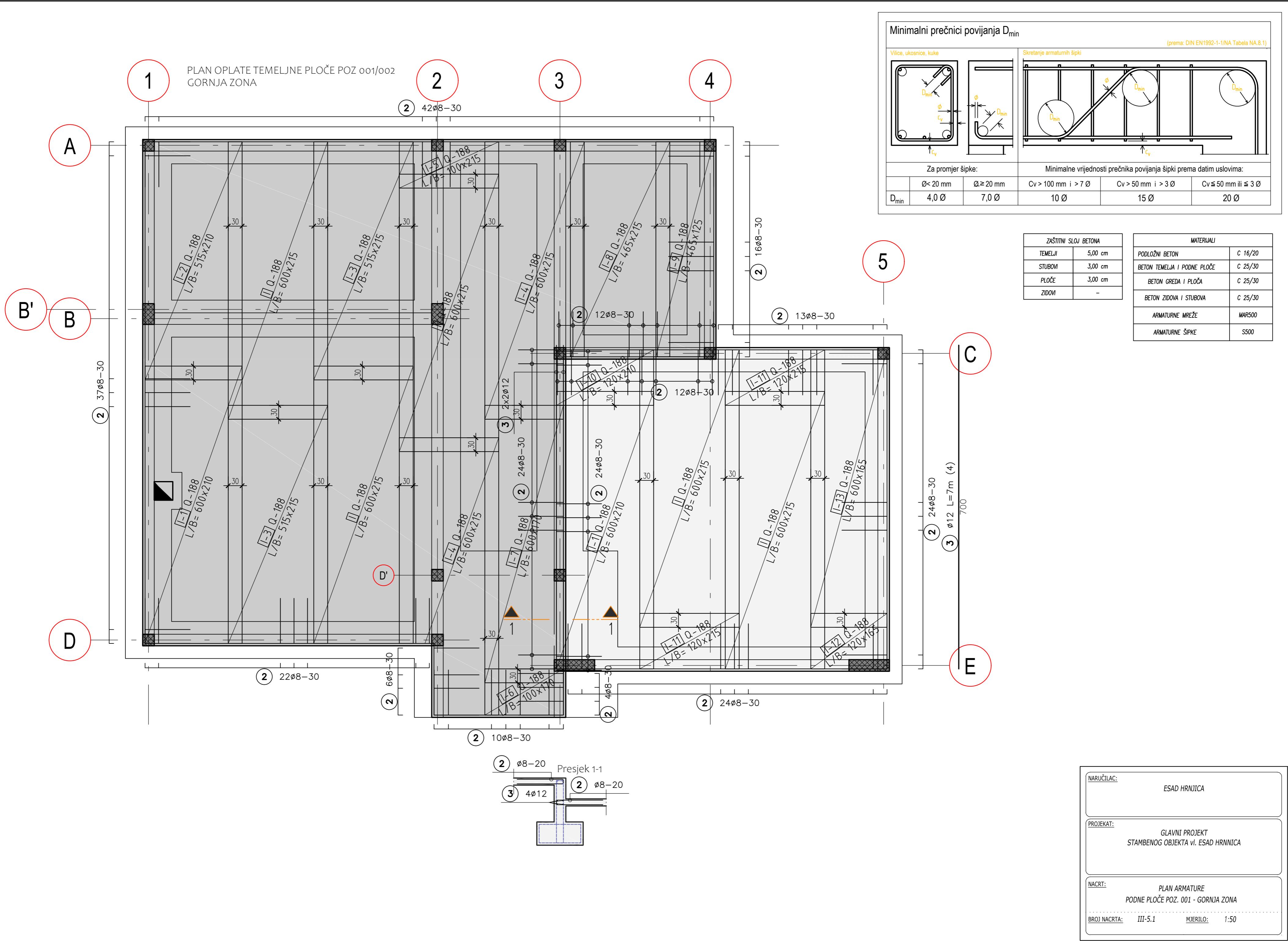
GLAVNI PROJEKT
STAMBENOG OBJEKTA vi. ESAD HRNNICA

NACRT:

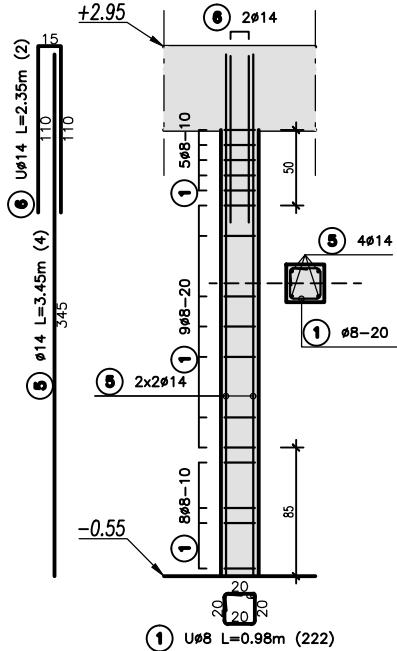
PLAN ARMATURE TEMELJNE PLOČA

BR01 NACR

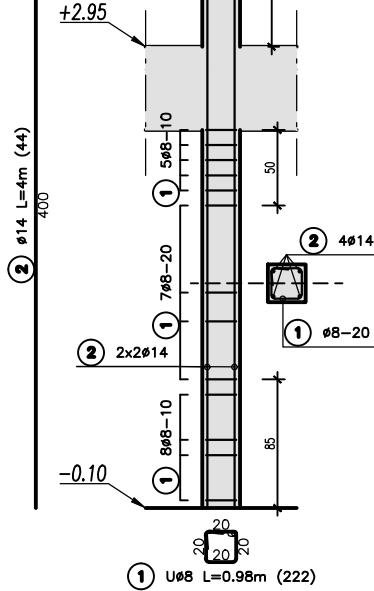
TA: III-4.2 MJERILO: 1:25



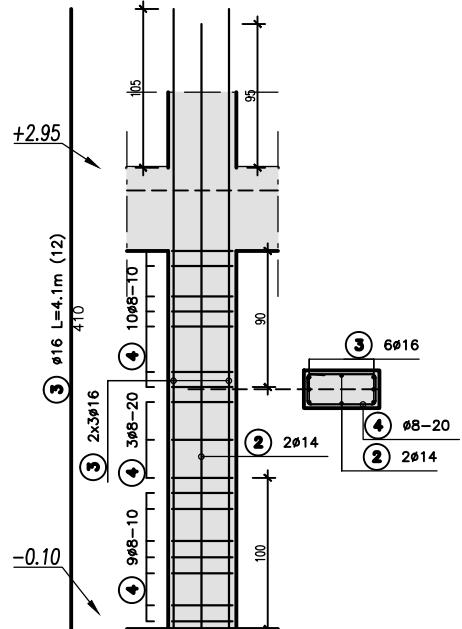
Stub
b/h=25/25
1x ose 5-C



Stub
b/h=25/25
10X



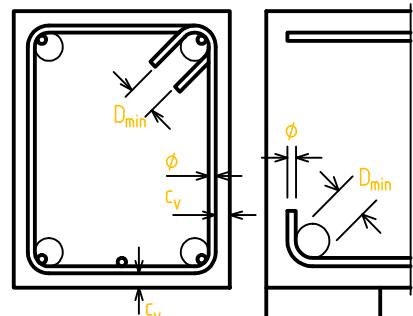
Stub
b/h=25/45
2X



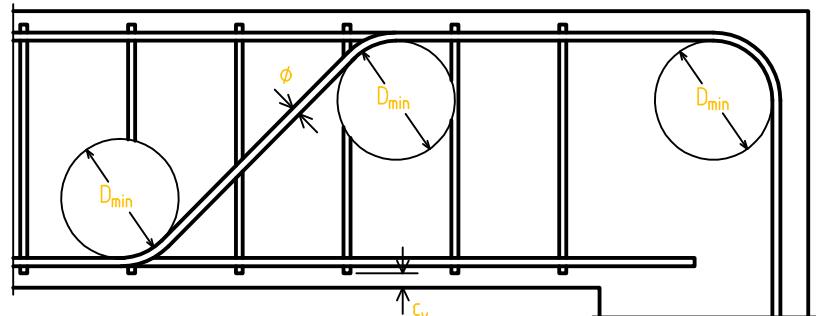
Minimalni prečnici povijanja D_{min}

(prema: DIN EN1992-1-1/NA Tabela NA.8.1)

Vilice, ukosnice, kuke



Skretanje armaturnih šipki



Za promjer šipke:

Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima:

	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$C_v > 100 \text{ mm} \text{ i } > 7 \emptyset$	$C_v > 50 \text{ mm} \text{ i } > 3 \emptyset$	$C_v \leq 50 \text{ mm ili } \leq 3 \emptyset$
D_{min}	4,0 \emptyset	7,0 \emptyset	10 \emptyset	15 \emptyset	20 \emptyset

MATERIJALI

PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

ZAŠTITNI SLOJ BETONA

TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

NARUČILAC:

ESAD HRNJICA

PROJEKAT:

GLAVNI PROJEKT
STAMBENOG OBJEKTA v.l. ESAD HRNNICA

NACRT:

PLAN ARMATURE
STUBOVA POZ. 101

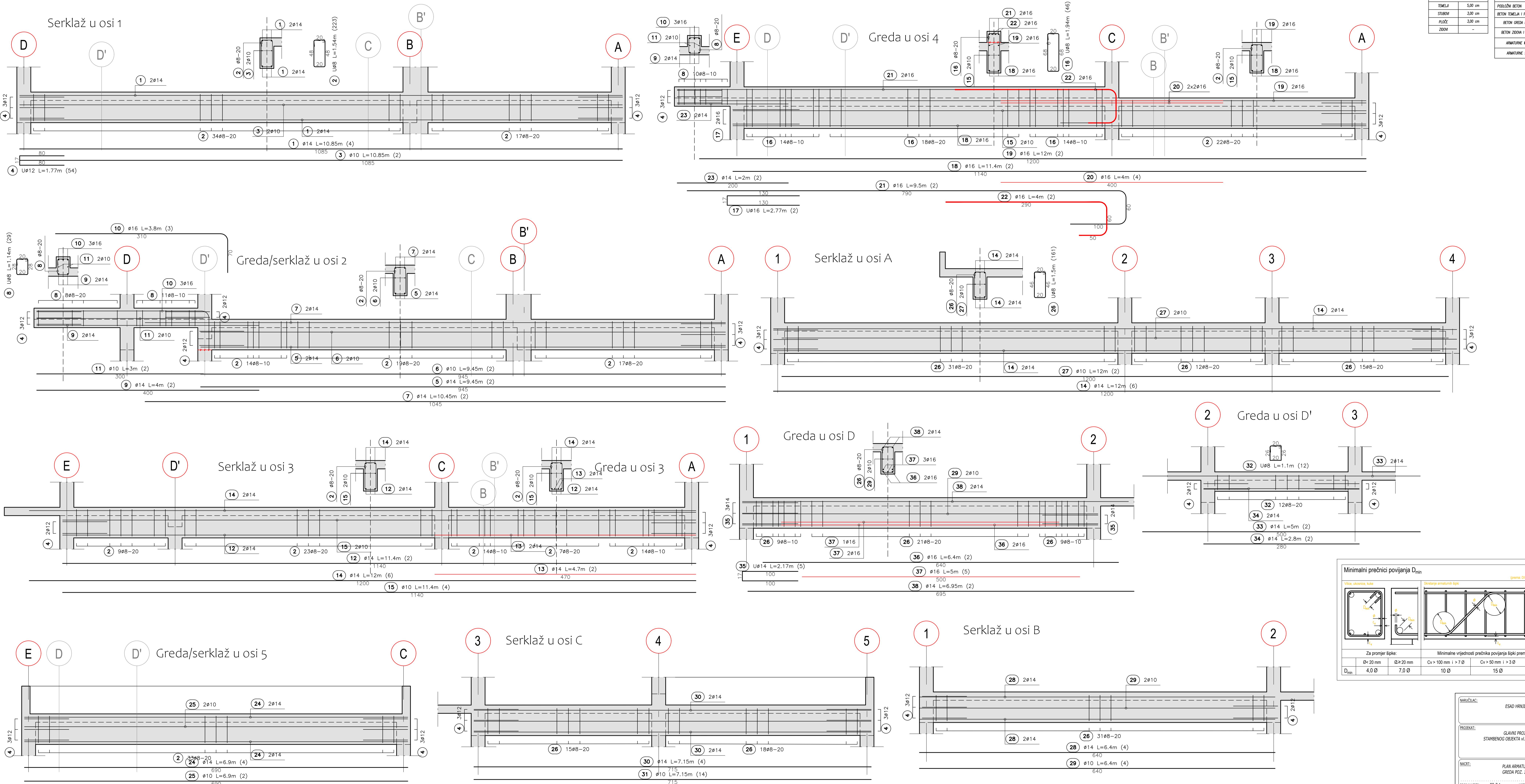
BROJ NACRTA:

III-6.1

MJERILO:

1:25

ZAŠTITNI SLJUČ BETONA	MATERIALI
PODLOGNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	C 25/30
BETON ZIDNA I STUBOVA	C 25/30
ARMATURNE MREŽE	M4500
ARMATURNI ŠPICE	S500



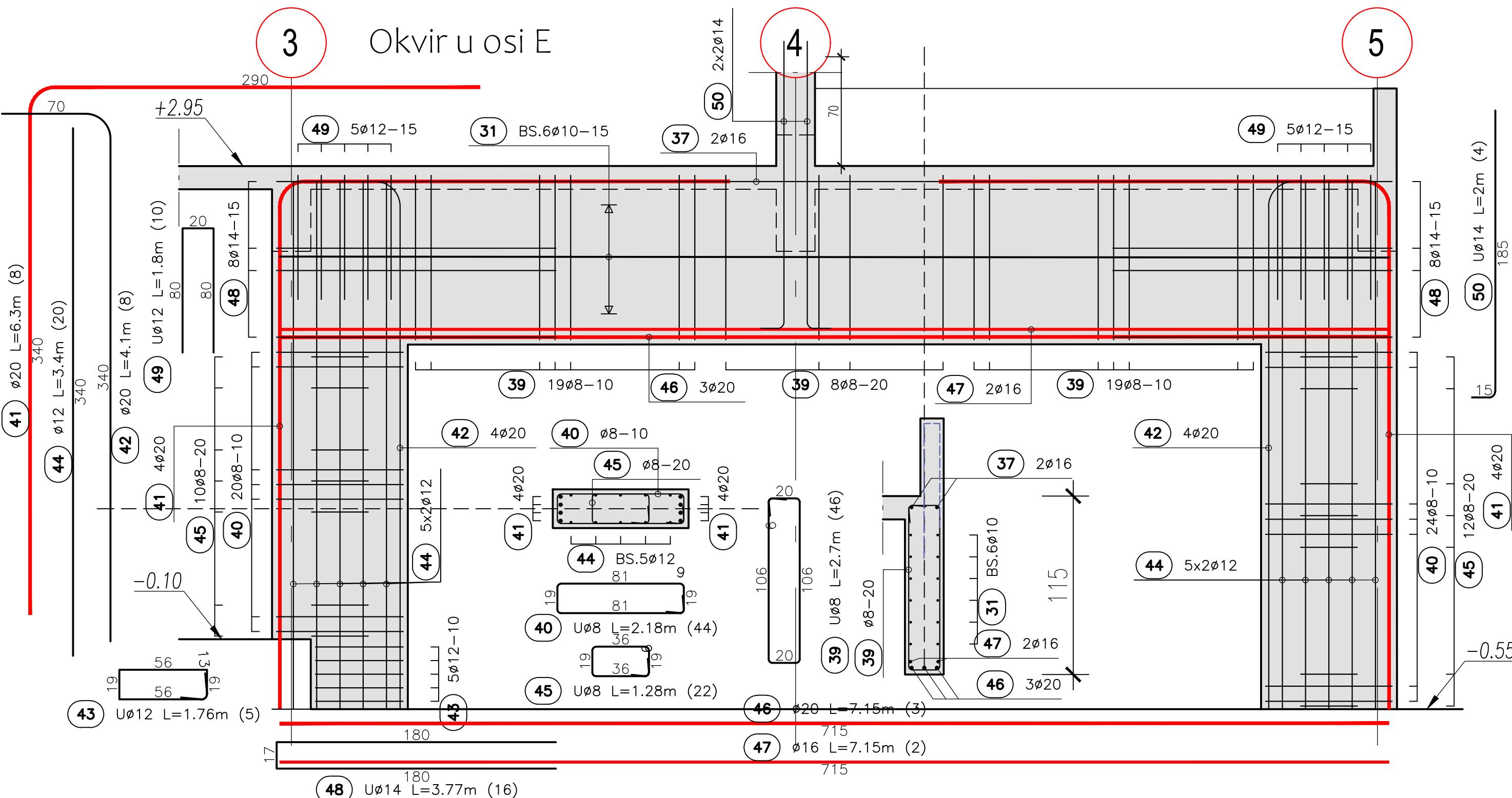
Minimalni prečnici povijanja D_{min}	
Viloč, ukončica, kolo	Skretanje armaturnih špica
(prema DIN EN 1992-1-1/NA Tabela N.A.8.1)	
Za promjer špice:	Minimalne vrijednosti prečnika povijanja špica prema datim uslovima:
$\varnothing < 20 \text{ mm}$	$\varnothing > 100 \text{ mm} \quad > 7 \varnothing$
$\varnothing \geq 20 \text{ mm}$	$\varnothing > 50 \text{ mm} \quad > 3 \varnothing$
D_{min}	D_{min}
4,0 Ø	7,0 Ø
10 Ø	15 Ø
20 Ø	

NARUČILAC:	ESAD HRNICA
PROJEKT:	GLAVNI PROJEKT STAMBENOG OBJEKTA vi. ESAD HRNICA
NACRT:	PLAN ARMATURE GREDA POZ. 101
BROJ NACRTA:	III-7.1
MJERILIO:	1:25

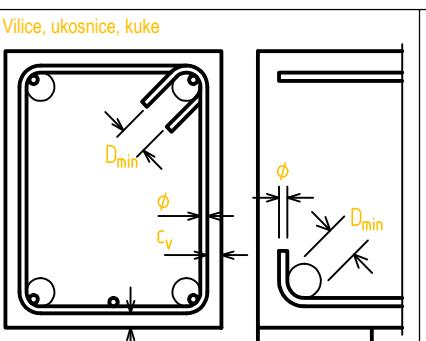
Okvir u osi E

-

5



Minimalni prečnici povijanja D_{\min}



(prema: DIN EN1992-1-1/NA Tabela NA.8.)

ZAŠTITNI SLOJ BETONA	
TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

MATERIJALI	
PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

Za promjer šipke:

Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima

	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$Cv > 100 \text{ mm} \text{ i } > 7 \emptyset$	$Cv > 50 \text{ mm} \text{ i } > 3 \emptyset$	$Cv \leq 50 \text{ mm ili } \leq 3 \emptyset$
D_{\min}	4,0 \emptyset	7,0 \emptyset	10 \emptyset	15 \emptyset	20 \emptyset

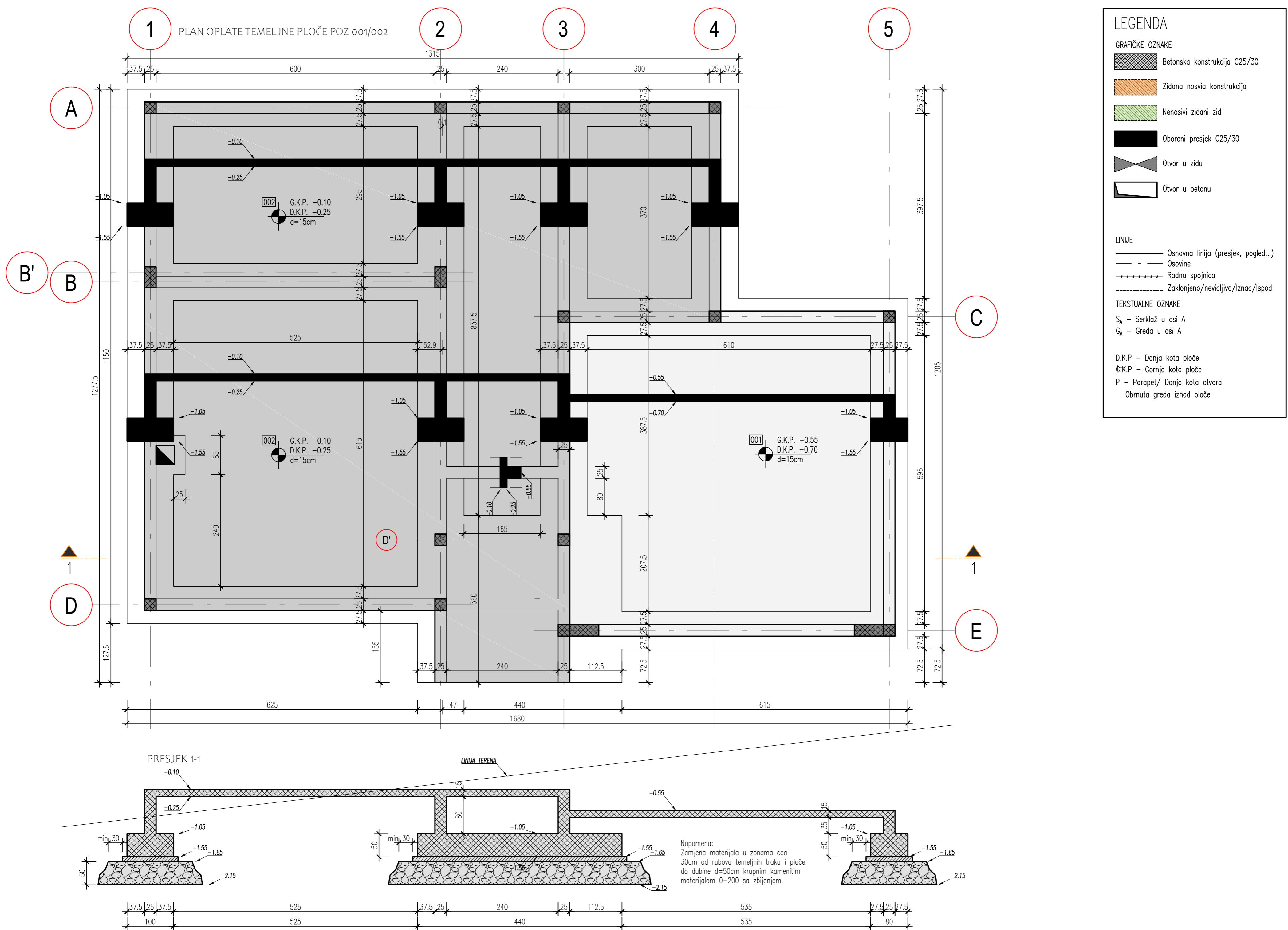
8

ESAD UPNICA

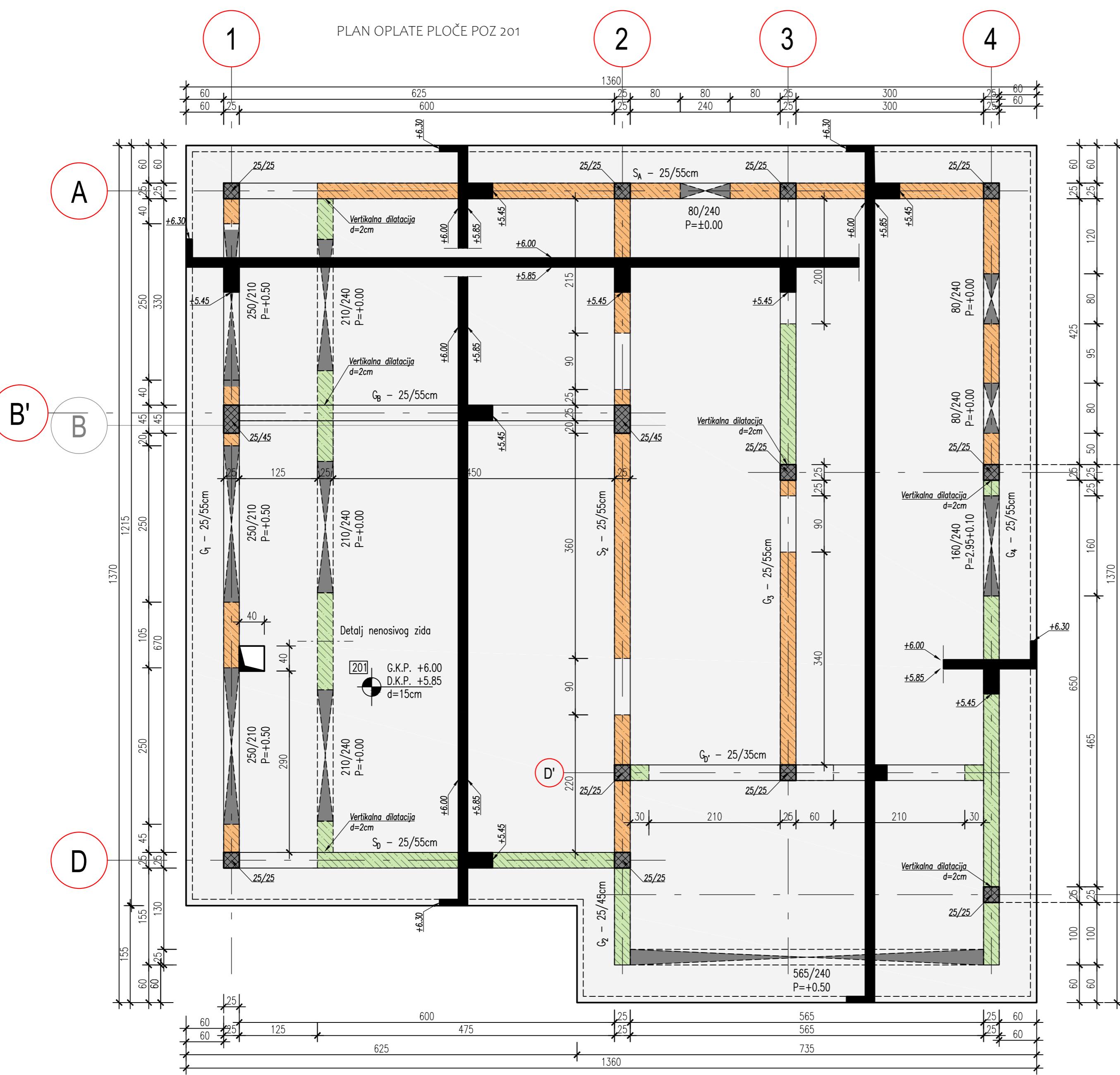
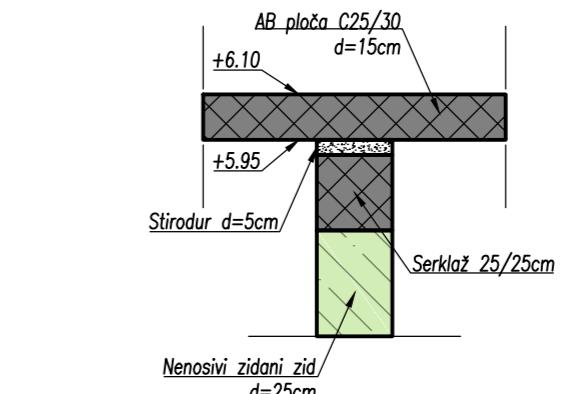
GLAVNI PROJEKT
STAMBENOG OBJEKTA v1. ESAD HRNNICA

NACRT: PLAN ARMATURE
OKVIRALI OSJE

BROJ NACRTA: III-7.2 MJERILO: 1:25



PLAN OPLATE PLOČE POZ 201

Detalj nenosivog zida
na spoju sa pločom/gredom
M1:25

LEGENDA

GRAFIČKE OZNAKE	
	Betonska konstrukcija C25/30
	Zidana nosiva konstrukcija
	Nenosivi zidani zid
	Oboreni presjek C25/30
	Otvor u zidu
	Otvor u betonu

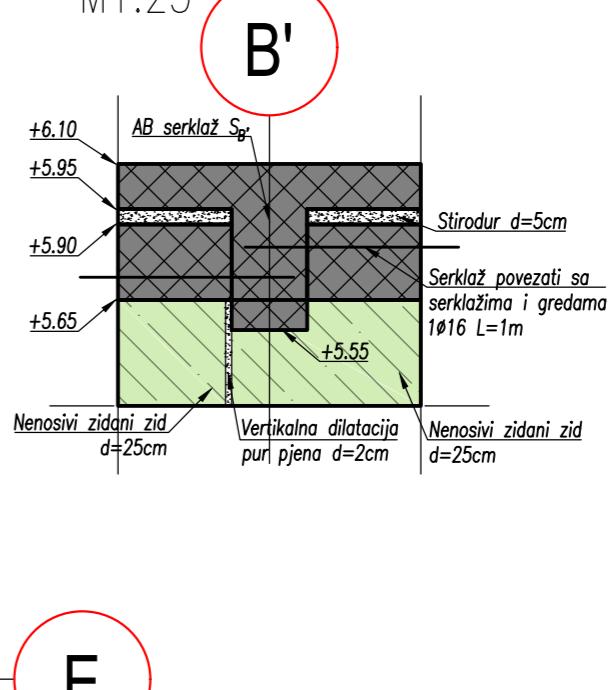
LINIJE

- Osnovna linija (presjek, pogled...)
- - - Osvine
- - - Radna spajnica
- - - - - Zaklonjeno/nevidljivo/Iznad/Ispod

TEKSTUALNE OZNAKE

S_A – Serklaž u osi A
G_A – Greda u osi A

D.K.P – Donja kota ploče
G.K.P – Gornja kota ploče
P – Parapet/ Donja kota otvora
Obrnuta greda iznad ploče

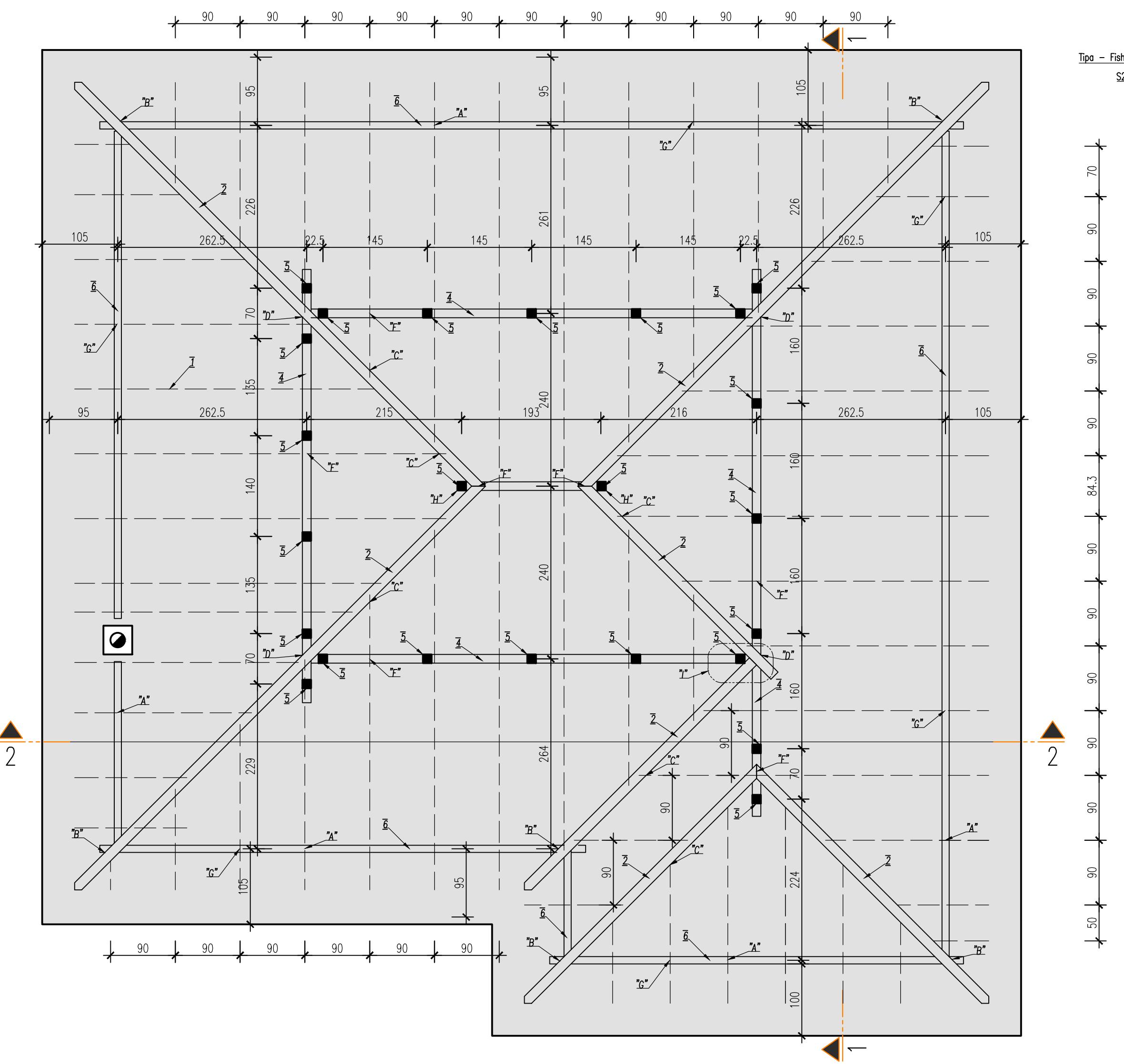
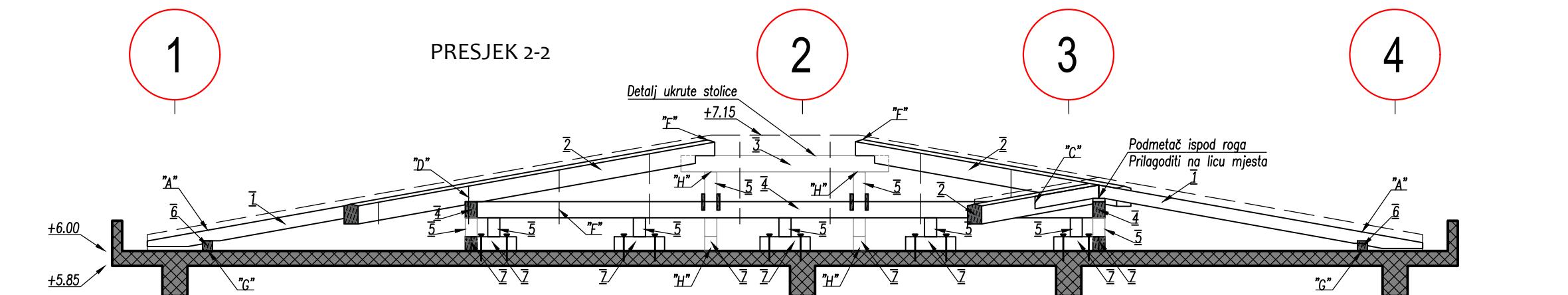
Detalj spoja serklaža i
sučeonih greda
M1:25

Napomena:

- Na nacrtima prikazane grede i serklaži bez nadvratnika/nadprozornika.Nadvratnike/Nadprozornike predviđeni na licu mesta.
- Na nacrtima prikazani su samo nosivi zidovi. Pregradne zidove je moguće izvesti od bet.blok/opeka, rigips i slično. Zidane pregradne zidove obavezno dilatirati na spoju sa pločom/gredom stirodurom d=5cm.

Specifikacija drvene grade		
Poz.	Dimenzije b/h [cm]	Opis
1	10/14	Rogovi
2	14/20*	Grebenjača
3	12/16	Slijemjenjača
4	12/16	Stolice
5	12/12	Stubovi
6	10/10	Zidnjača
7	10/14	Podmotač
8	3/16	Ukruta
9	10/12	Kosnik

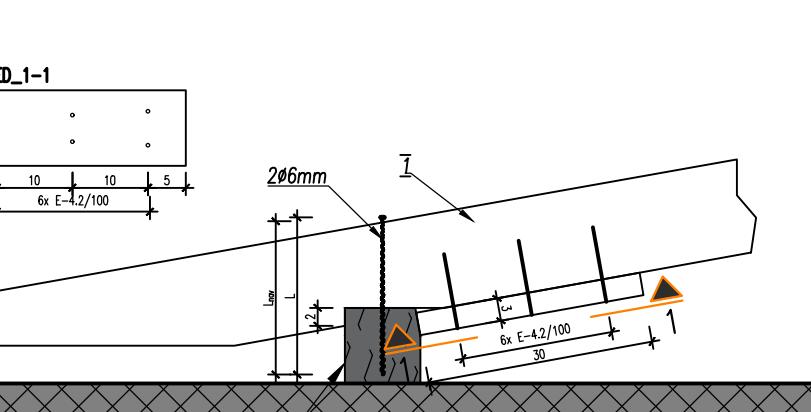
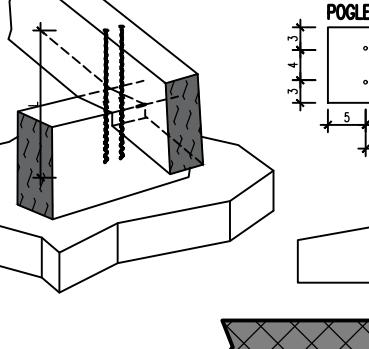
* Greda oblikovana u skladu sa detaljem "T"



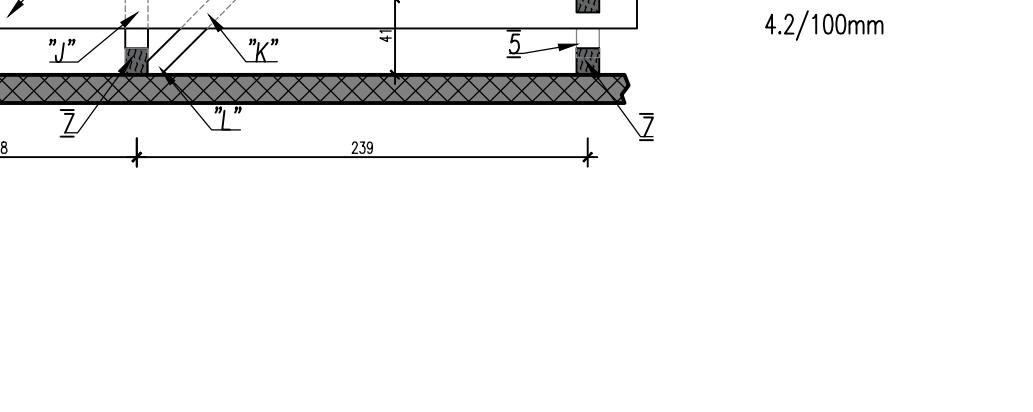
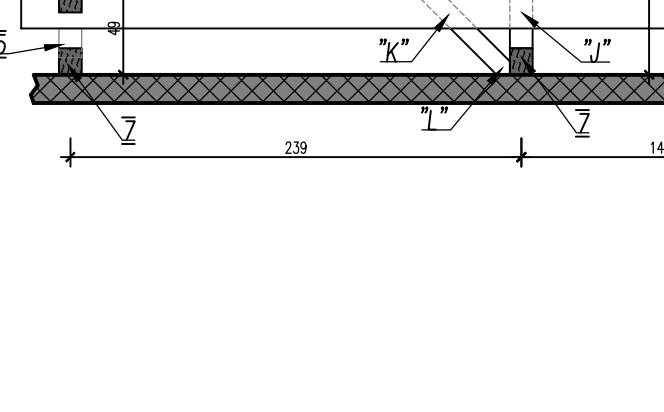
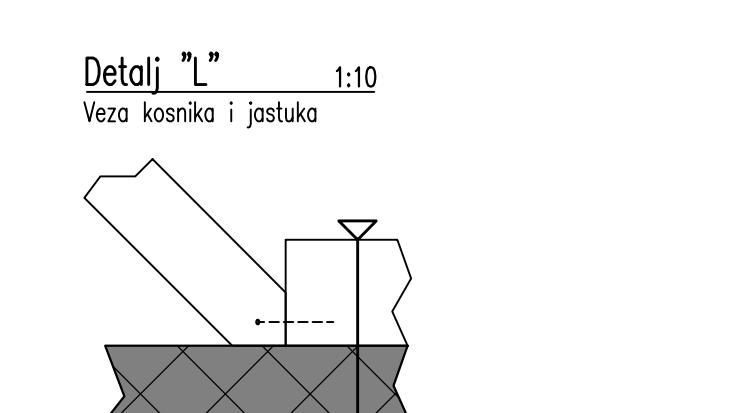
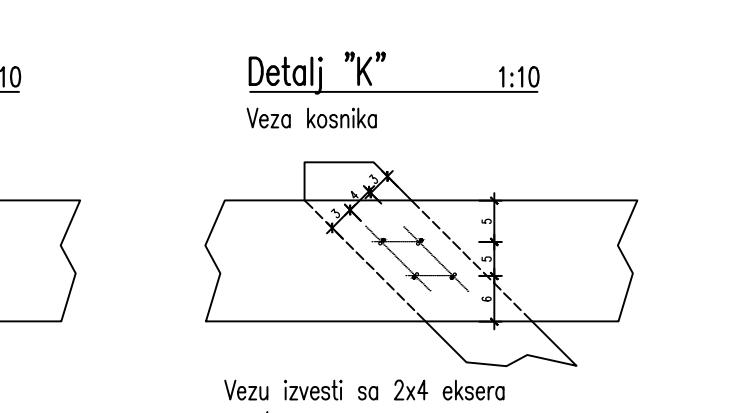
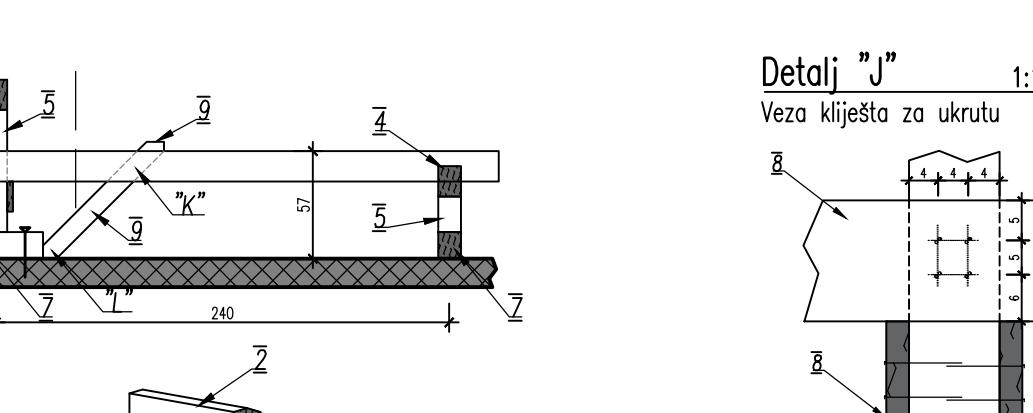
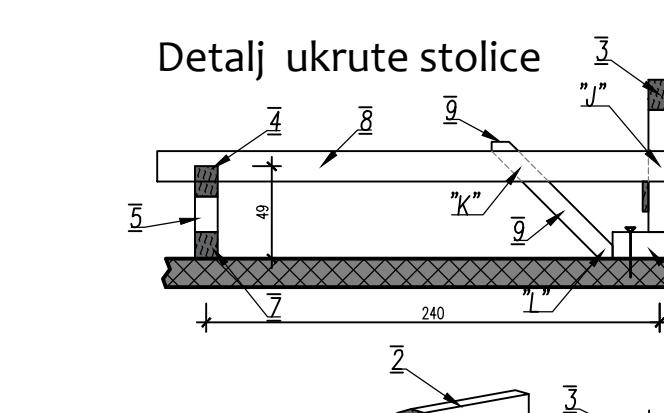
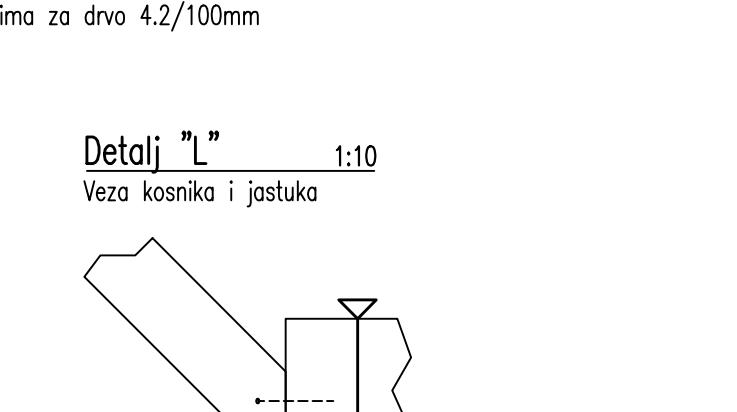
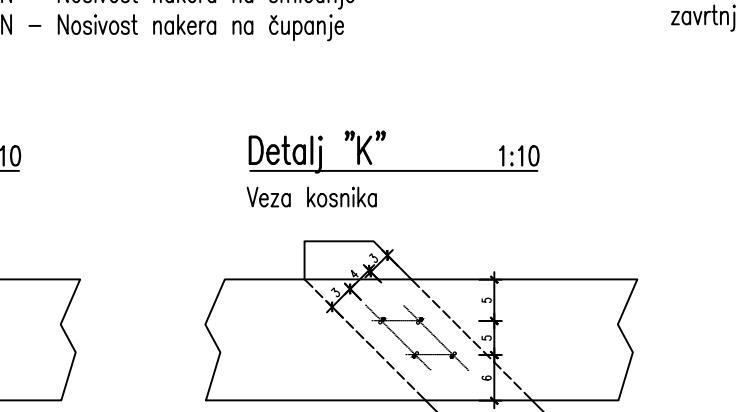
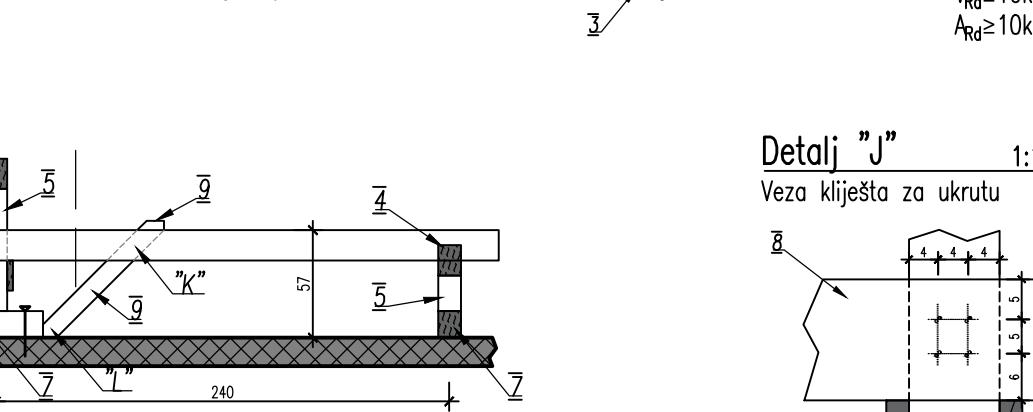
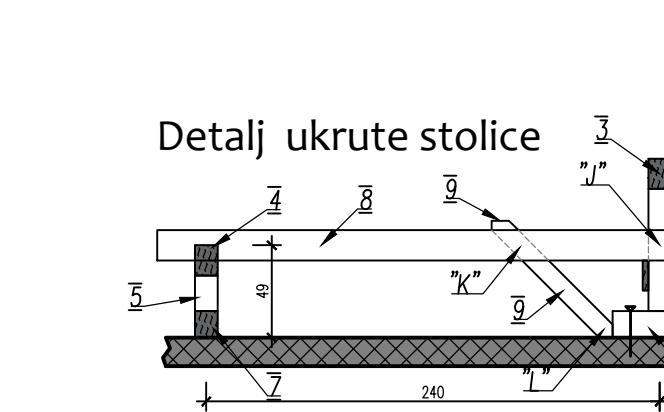
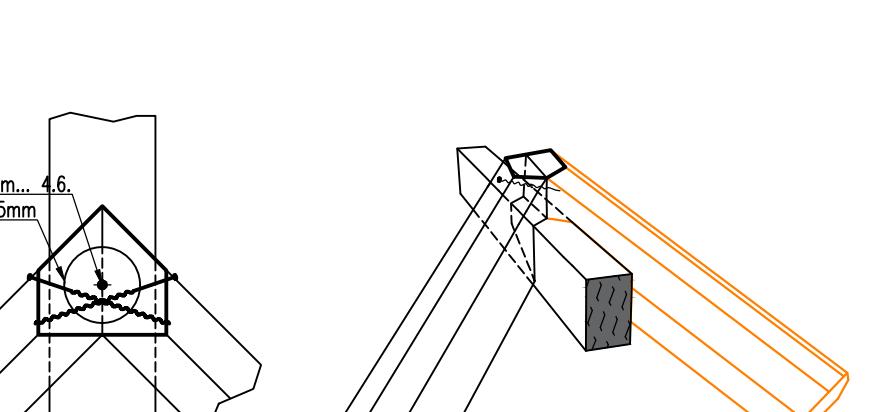
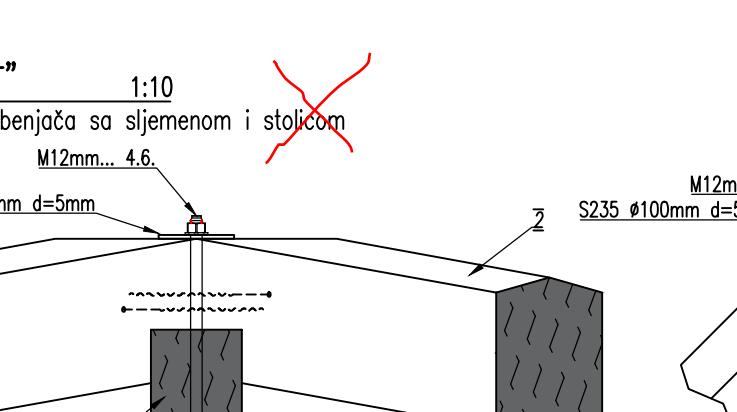
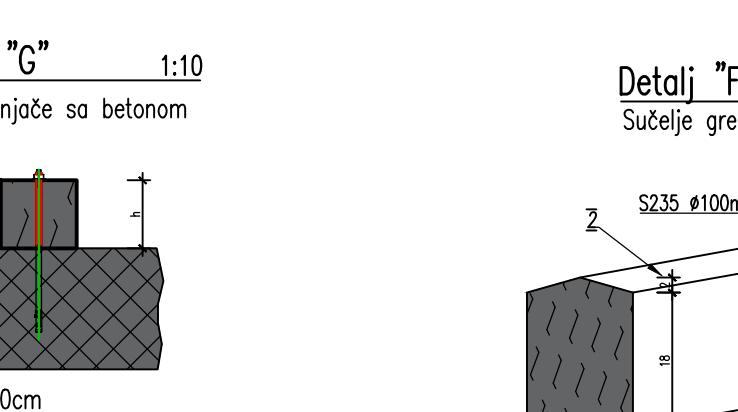
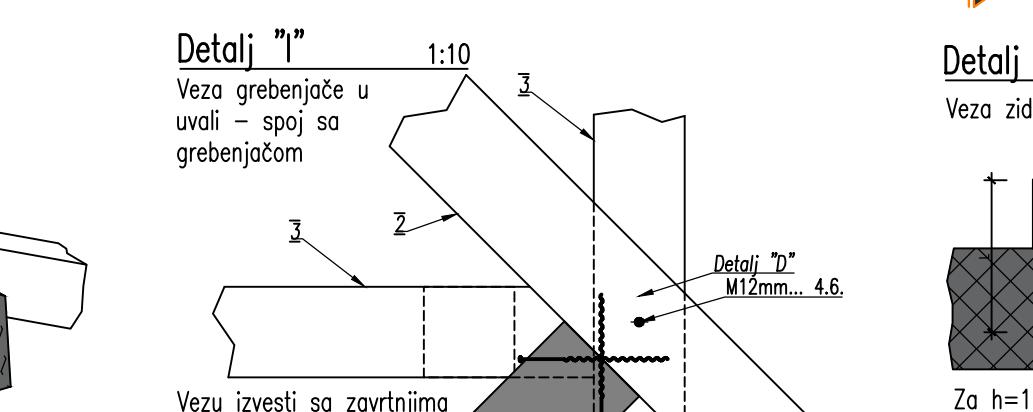
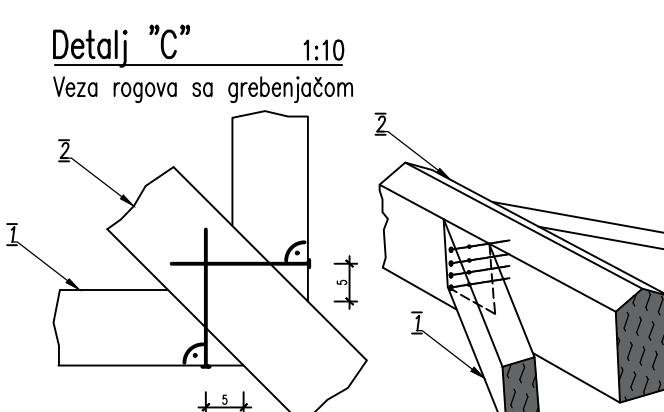
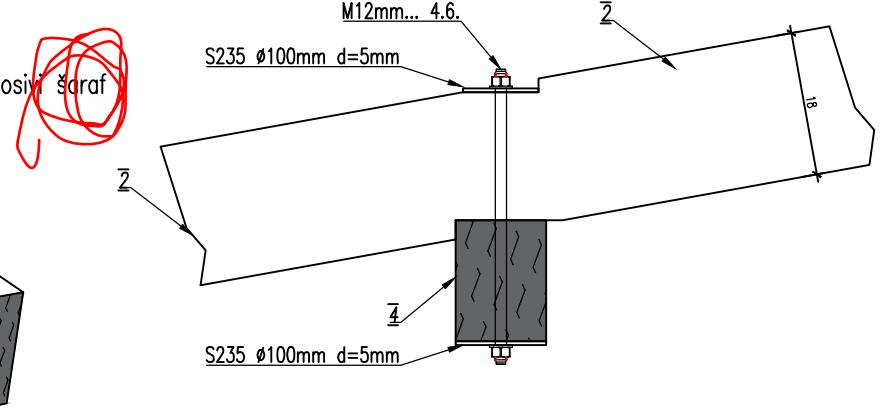
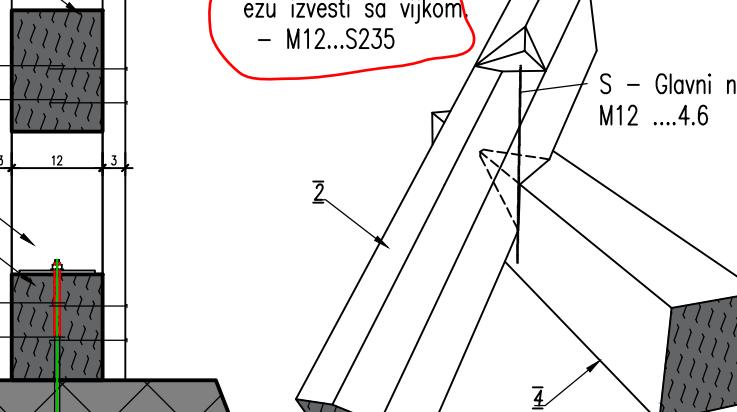
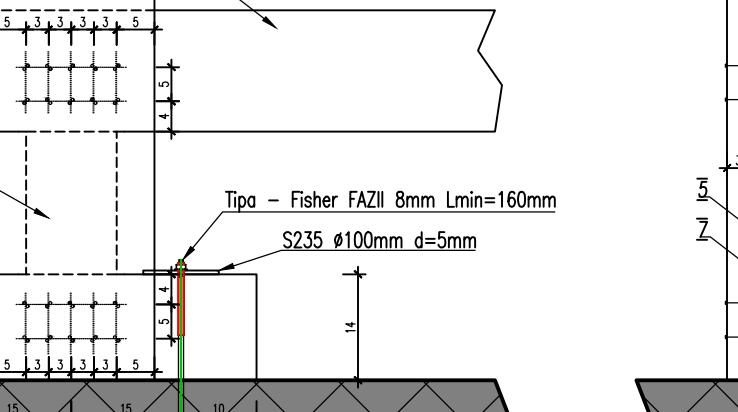
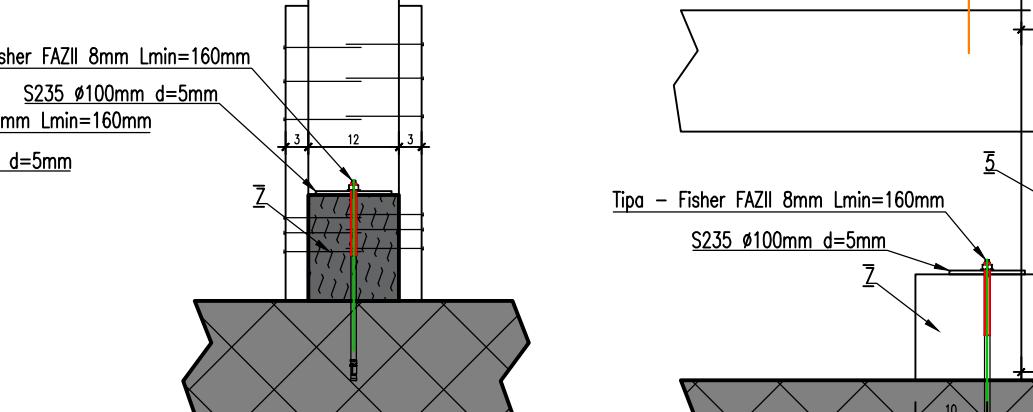
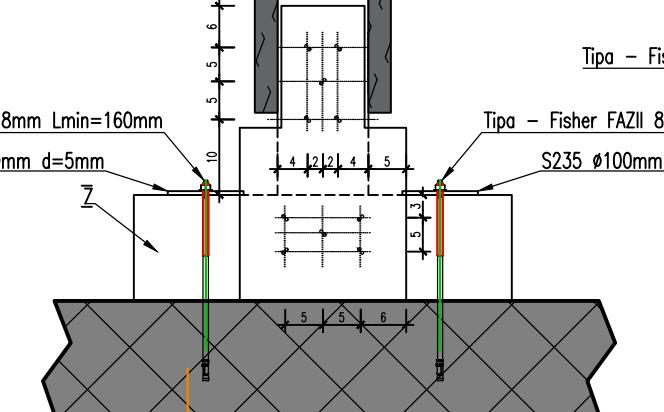
Detalj "H" 1:10
Veza slijemjenjača sa stubovima i betonom



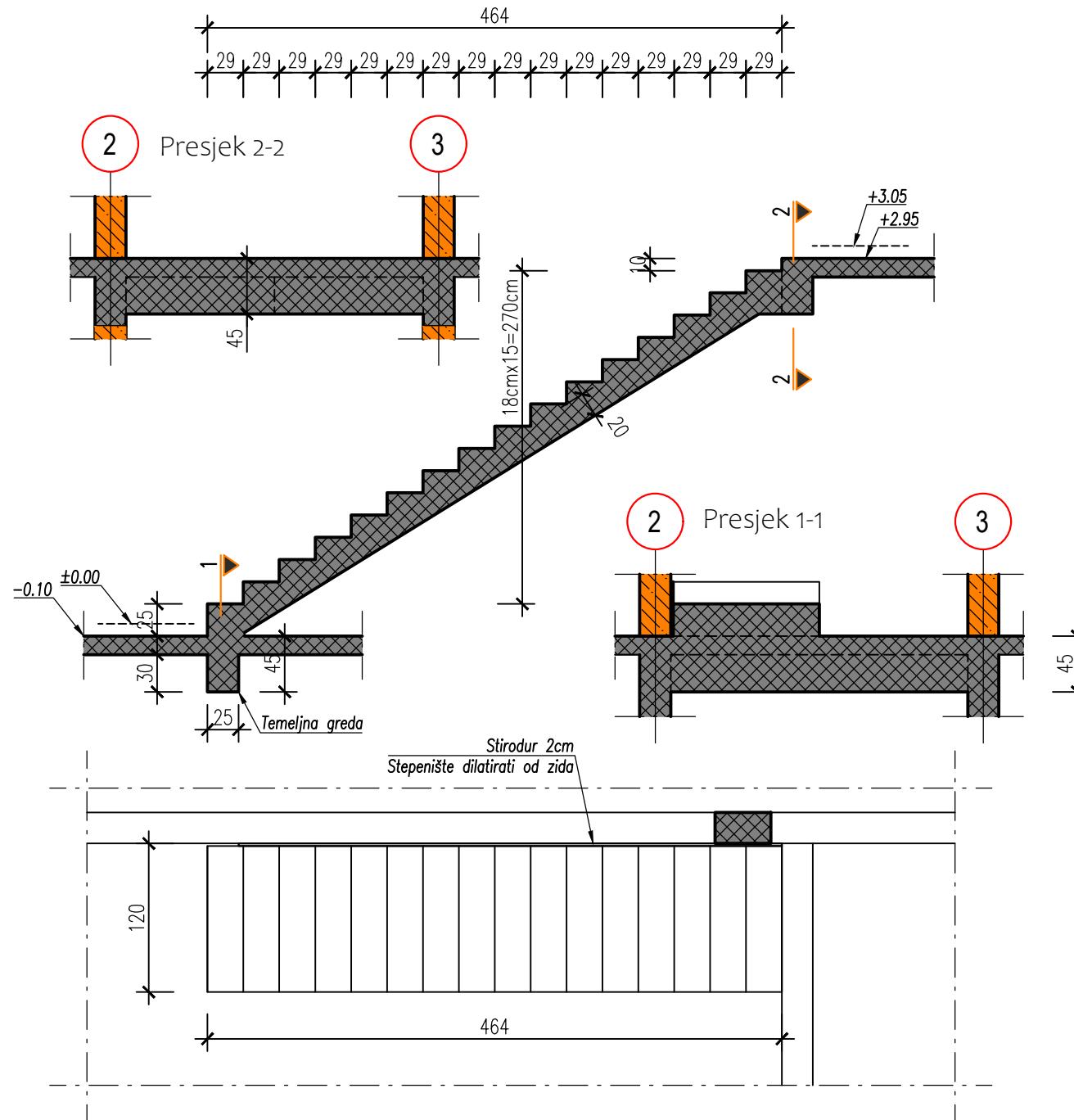
Detalj "A" 1:10
Veza rogova sa zidnjačom



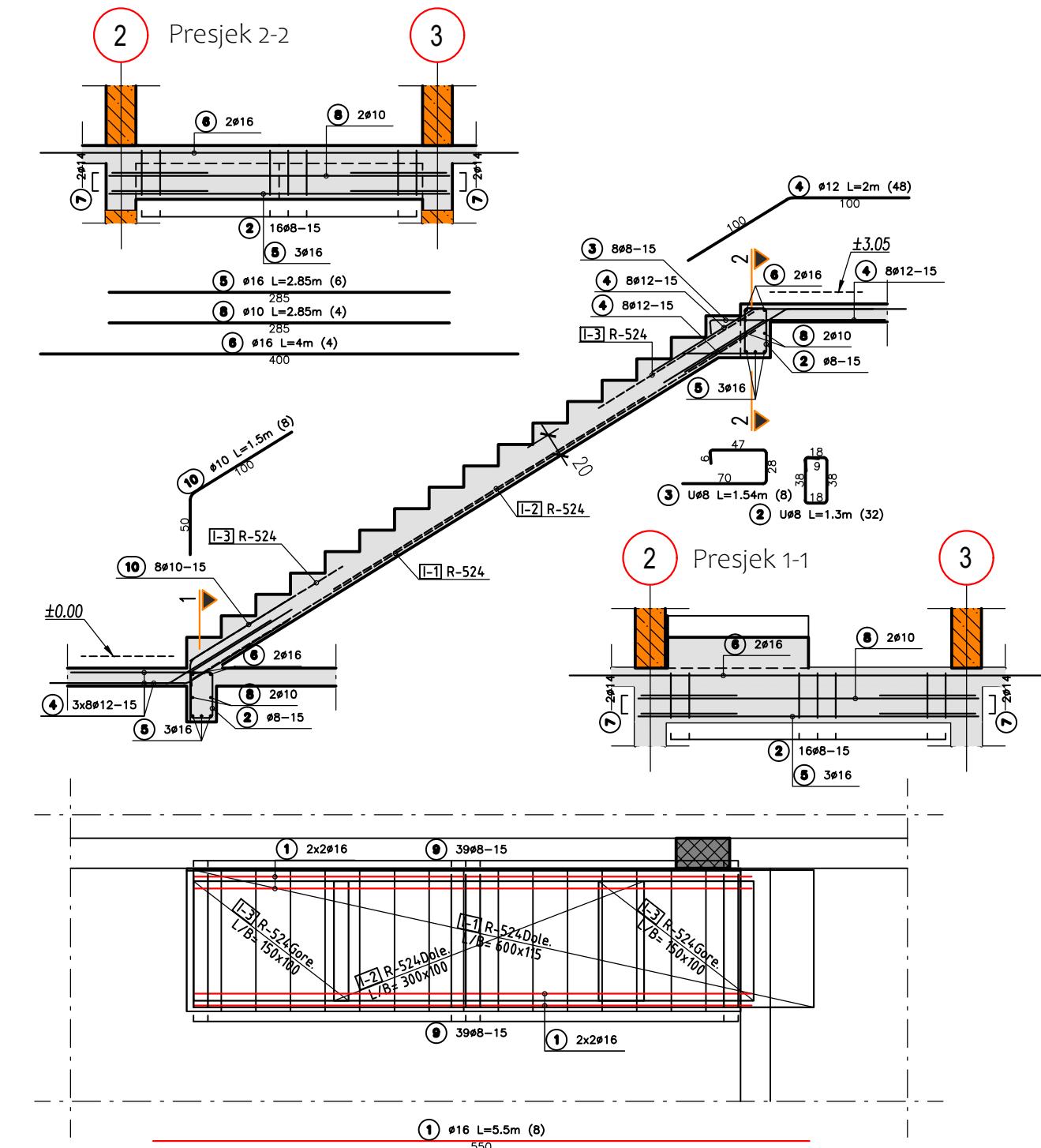
Detalj "B" 1:10
Veza grebenjače sa zidnjačom



Detalj stepeništa

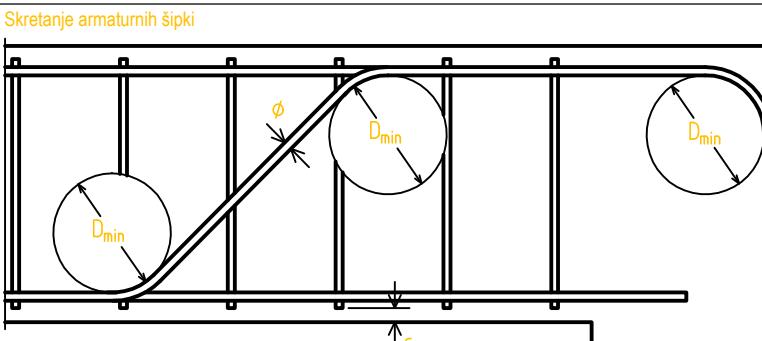
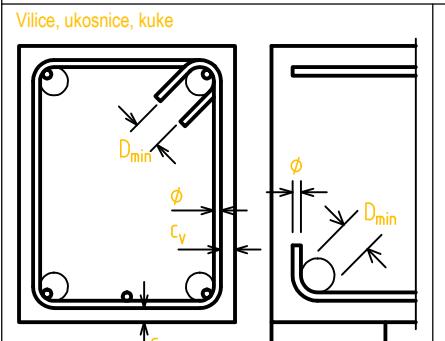


Detalj armature stepeništa



Minimalni prečnici povijanja D_{\min}

(prema: DIN EN1992-1-1/NA Tabela NA.8)



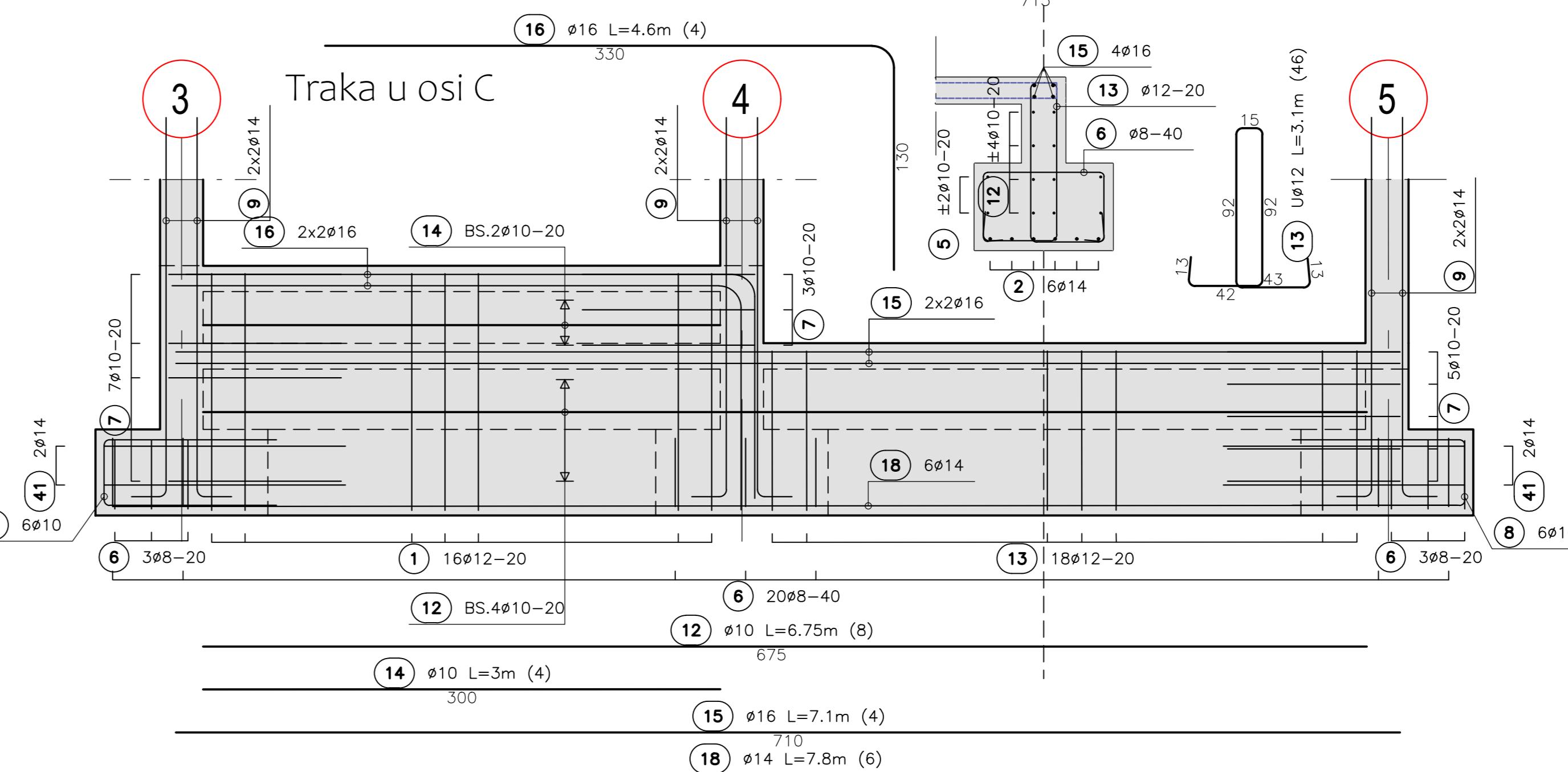
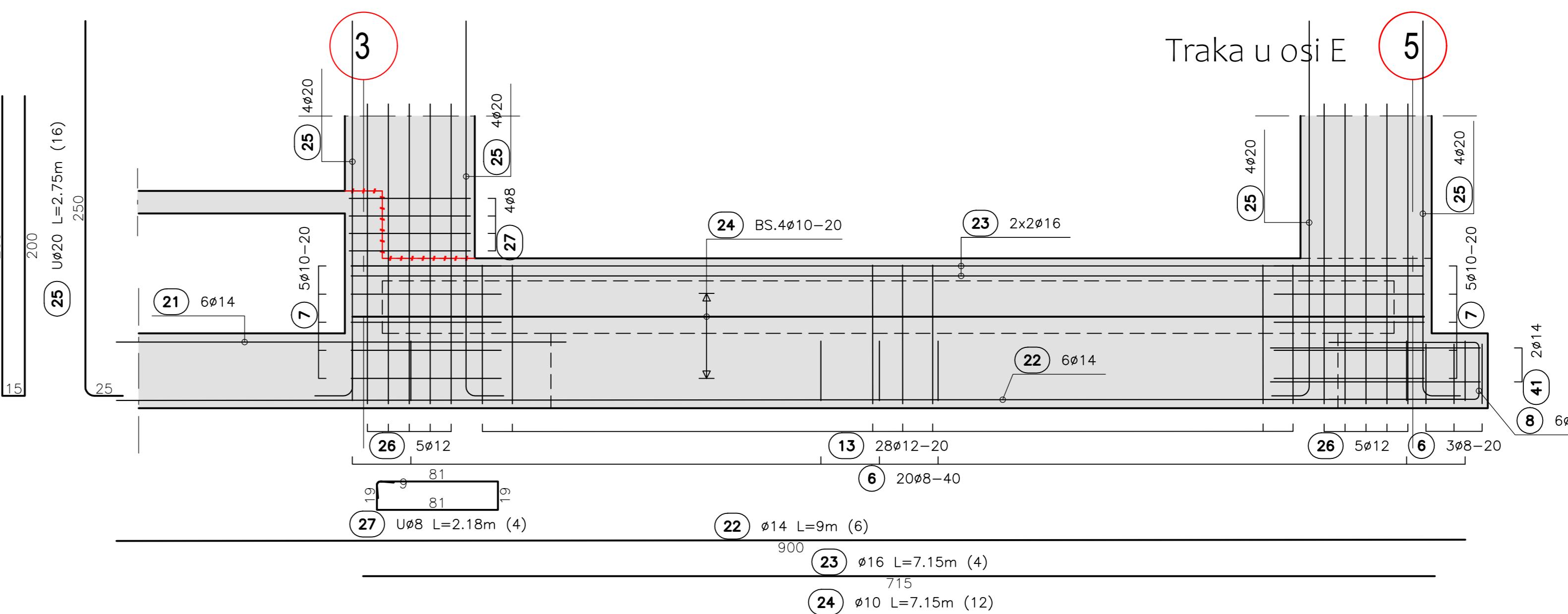
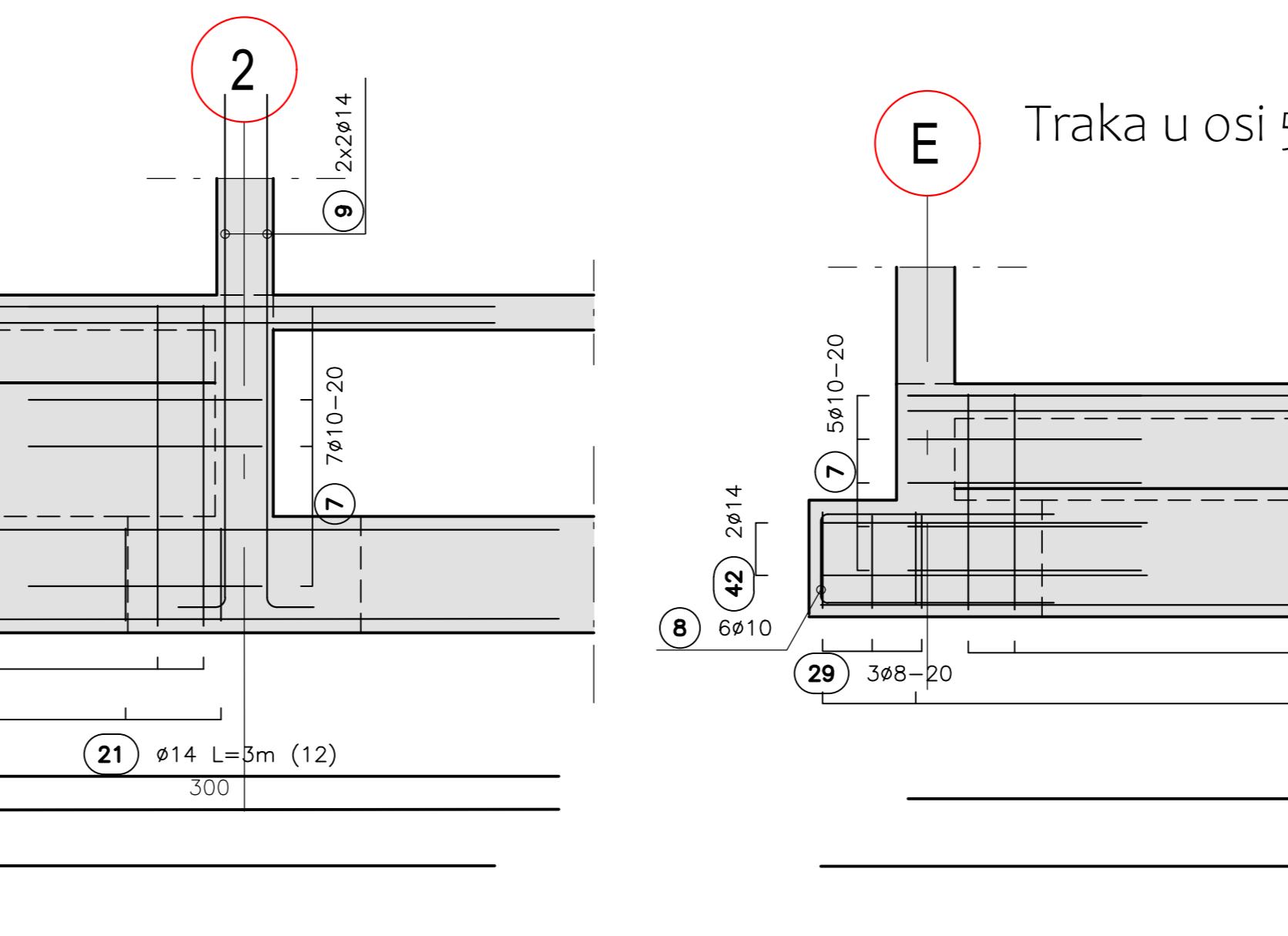
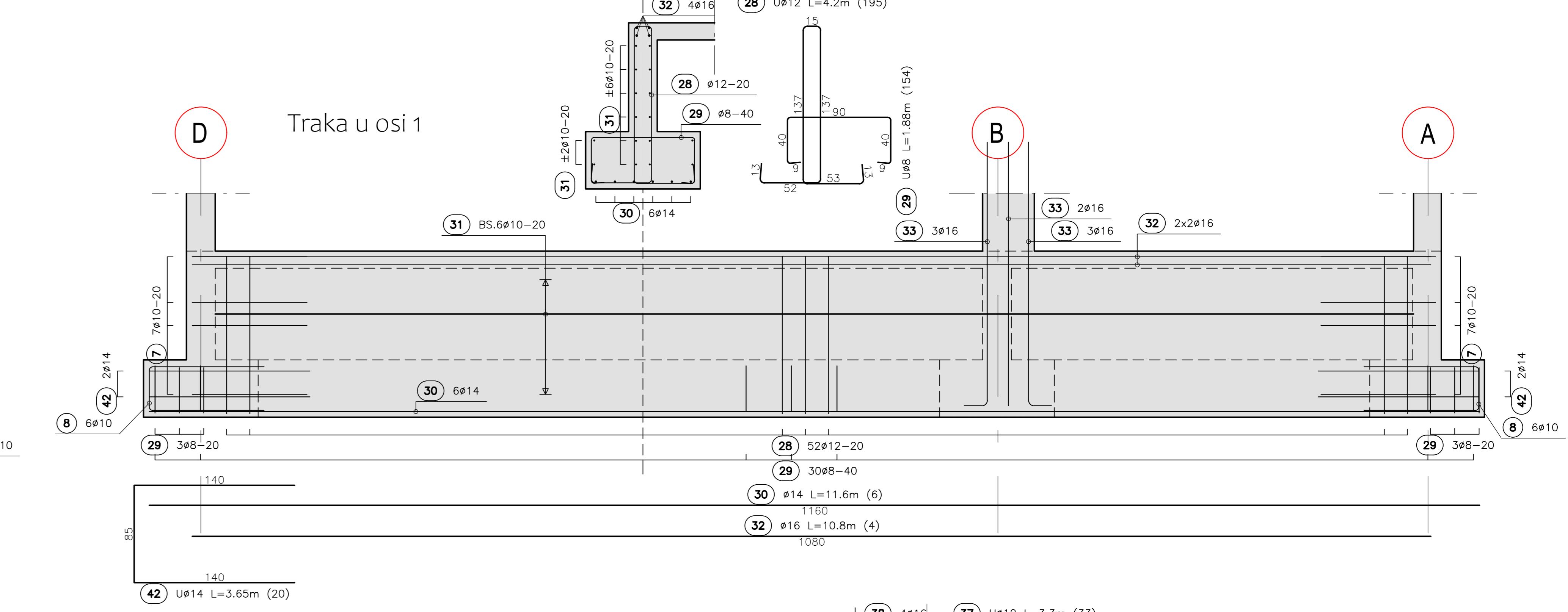
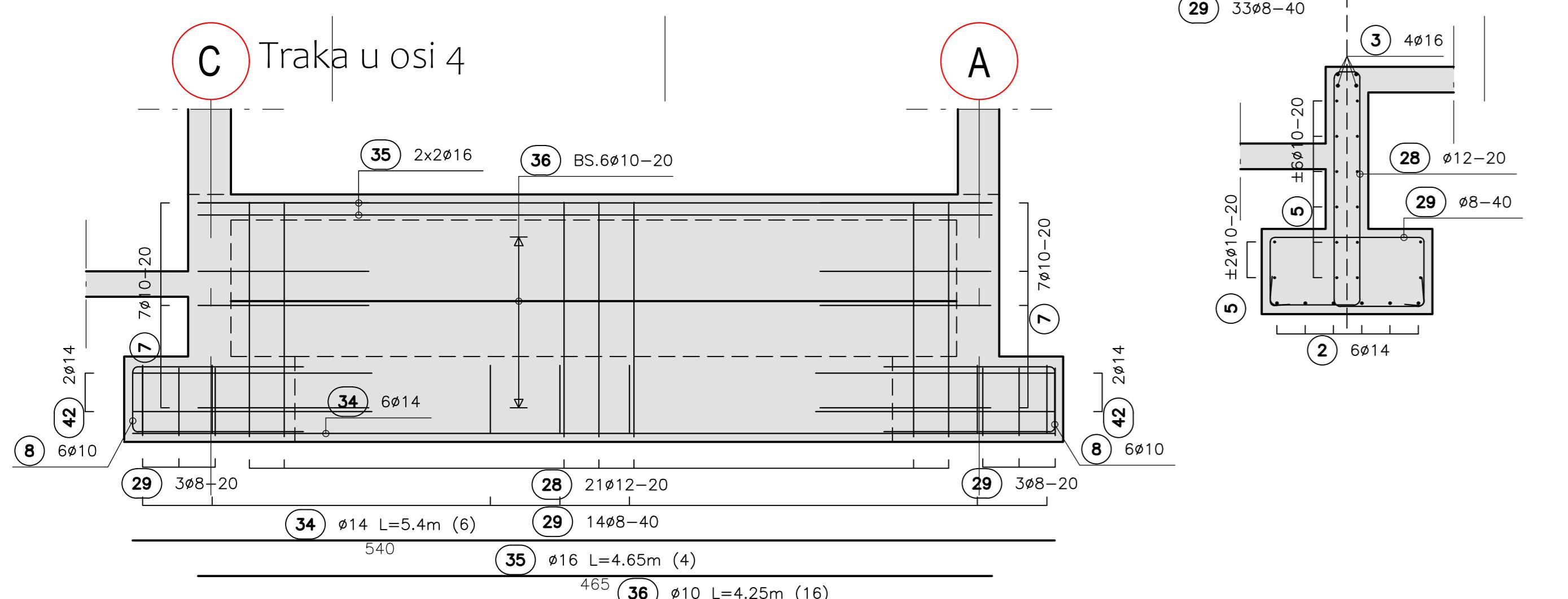
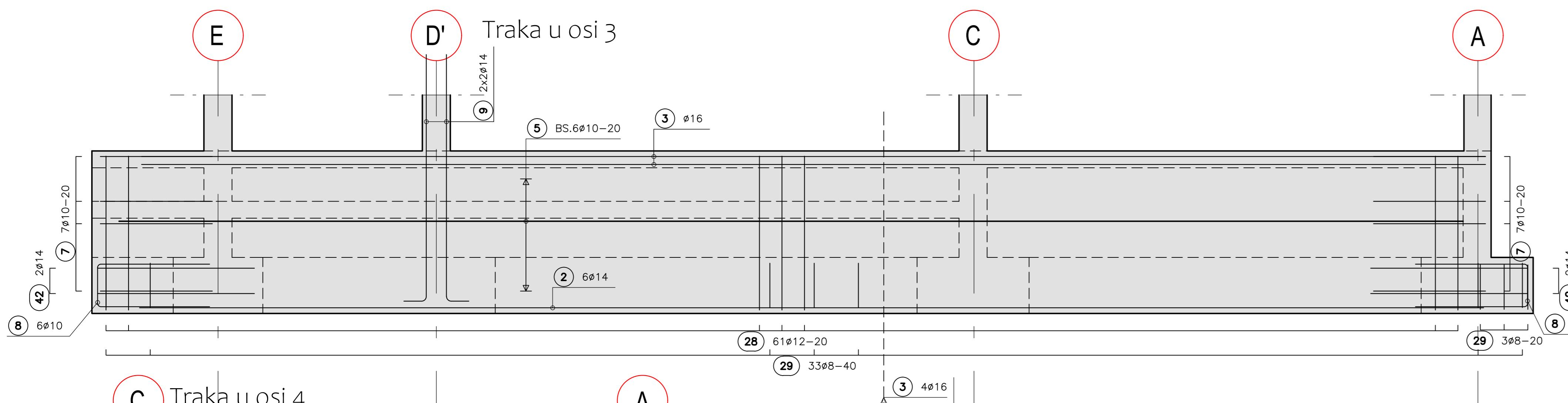
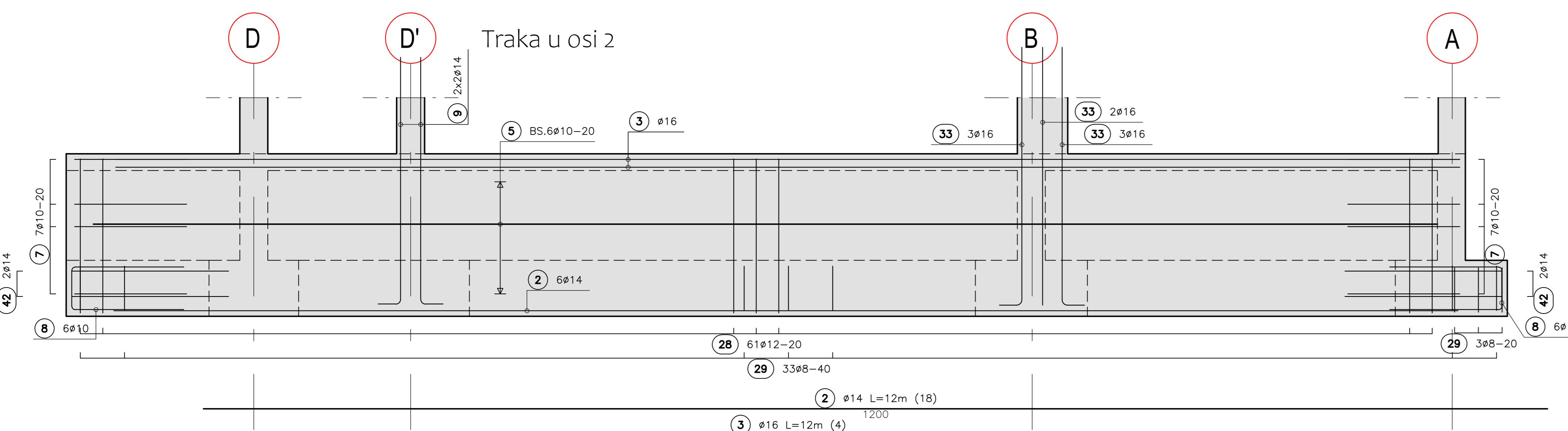
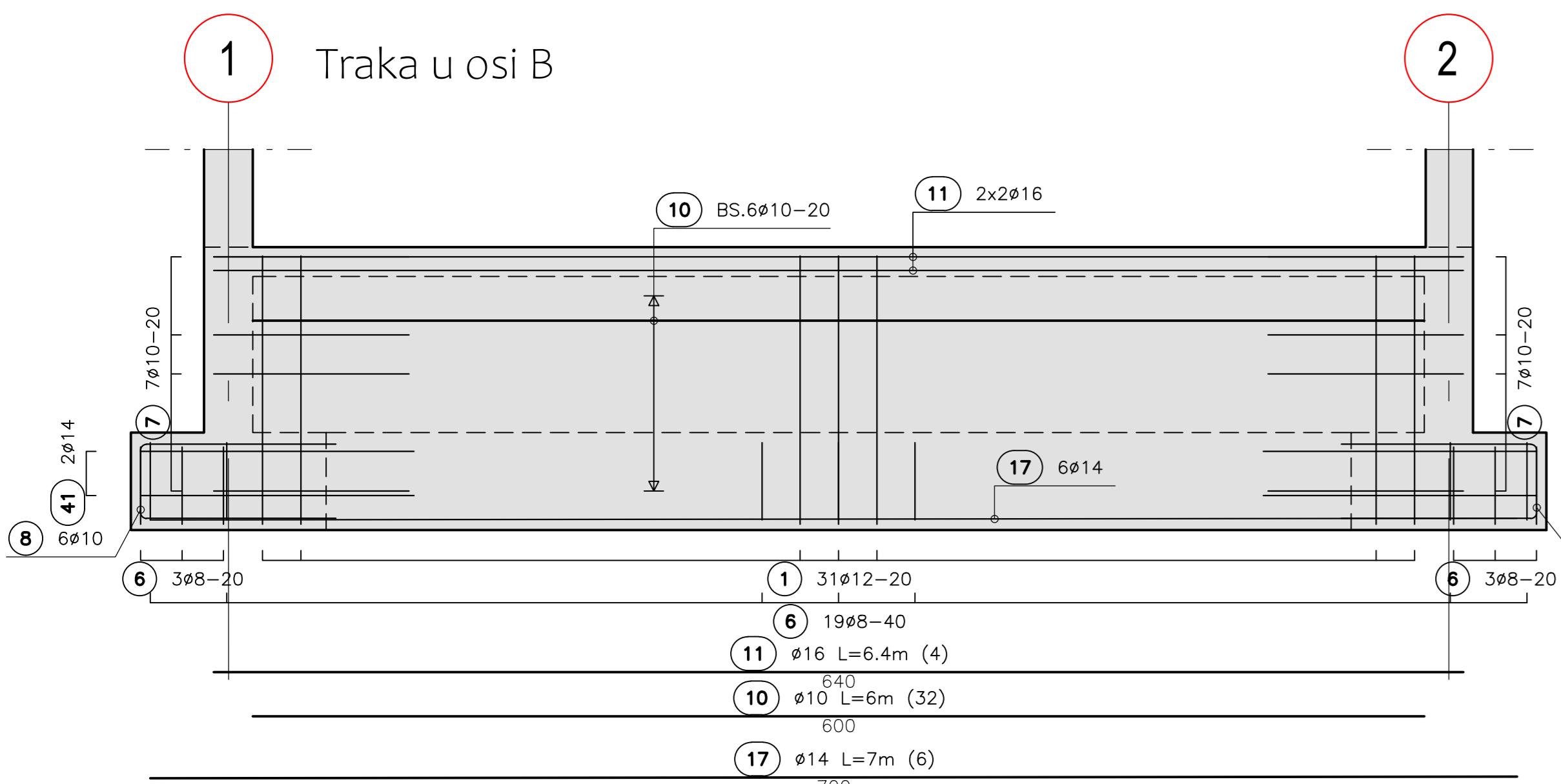
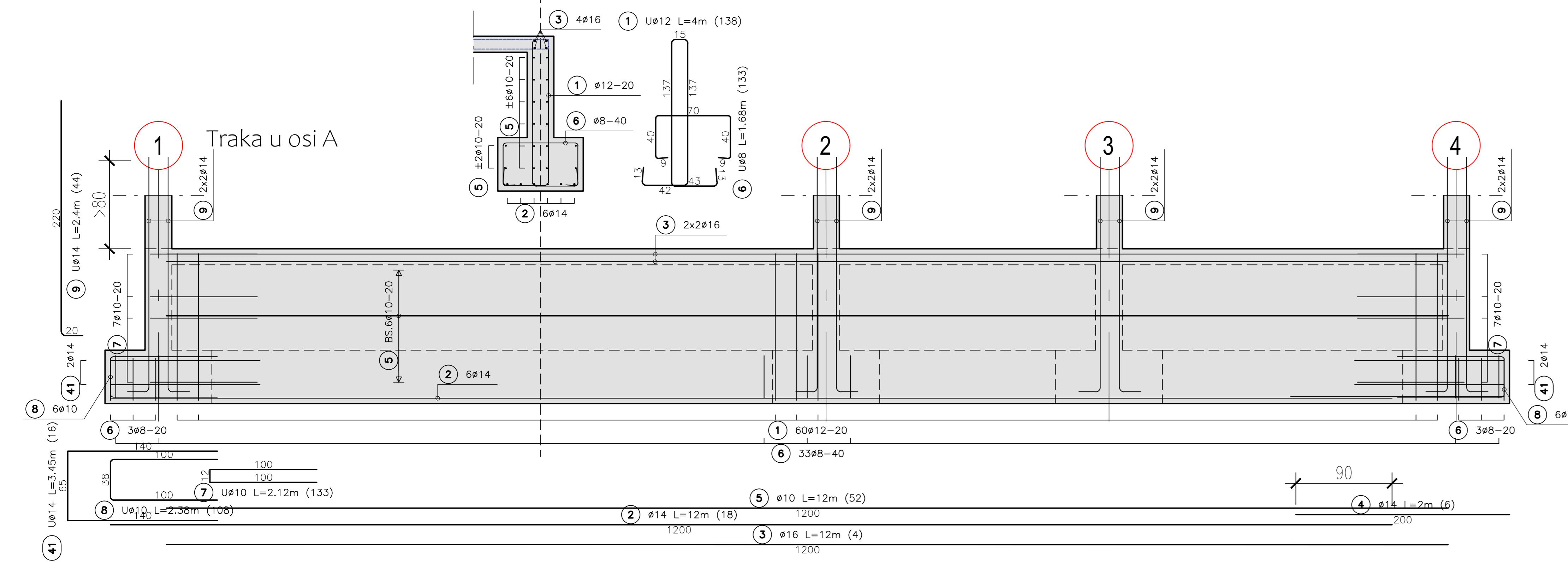
Za promjer šipke:

Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima

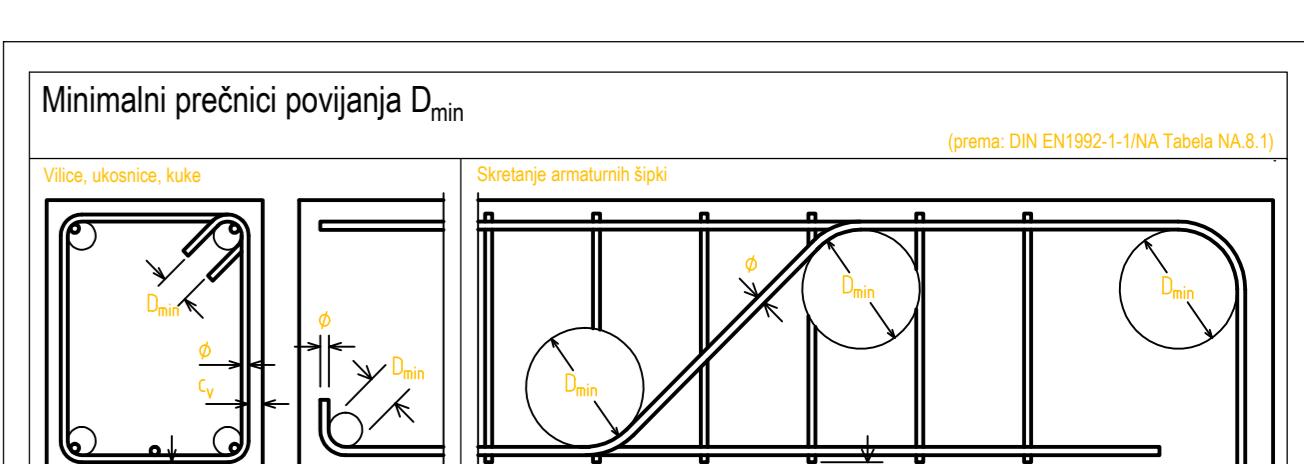
	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$Cv > 100 \text{ mm} \quad i > 7 \emptyset$	$Cv > 50 \text{ mm} \quad i > 3 \emptyset$	$Cv \leq 50 \text{ mm ili } i \leq 3 \emptyset$
D_{\min}	4,0 \emptyset	7,0 \emptyset	10 \emptyset	15 \emptyset	20 \emptyset

ZAŠTITNI SLOJ BETONA	
TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

MATERIJALI	
PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500



ZAŠTITNI SLOJ BETONA		MATERIJALI	
TEMELJI	5,00 cm	PODLOŽNI BETON	C 16/20
STUBOVI	3,00 cm	BETON TEMELJA I PODNE PLOČE	C 25/30
PLOČE	3,00 cm	BETON GREDA I PLOČA	C 25/30
ZIDOVI	-	BETON ZIDOVA I STUBOVA	C 25/30
		ARMATURNE MREŽE	MAR500
		ARMATURNE ŠIPKE	S500



Za promjer šipke:	Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima:
-------------------	--

	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$Cv > 100 \text{ mm} \ i > 7 \emptyset$	$Cv > 50 \text{ mm} \ i > 3 \emptyset$	$Cv \leq 50 \text{ mm} \text{ ili } \leq 3 \emptyset$
D	10 Ø	70 Ø	10 Ø	15 Ø	20 Ø

D_{\min}	4,0 Ø	7,0 Ø	10 Ø	15 Ø	20 Ø
------------	-------	-------	------	------	------

Temeljna ploča

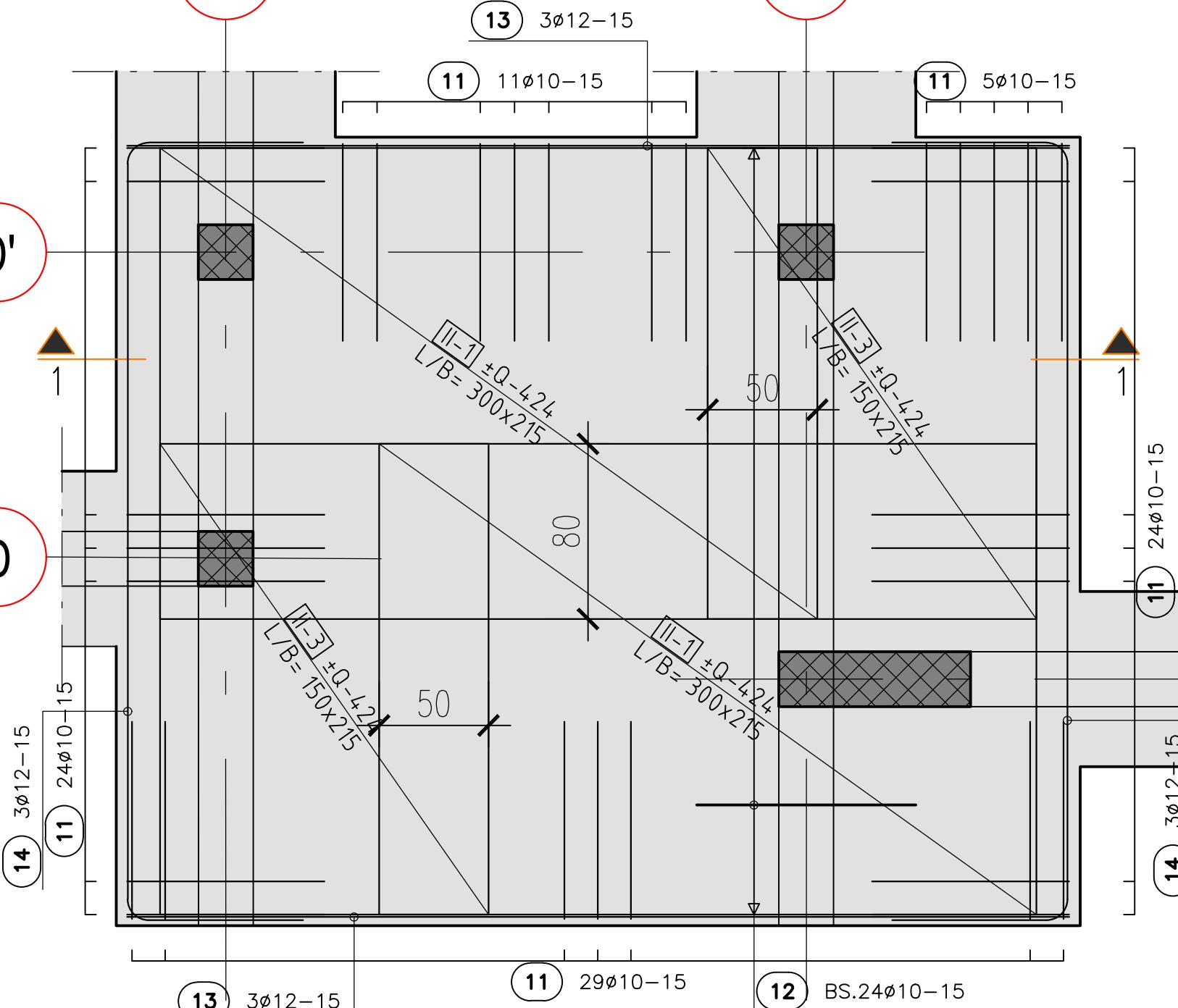
2

3

D'

D

E



(11) U ϕ 10 L=2.2m (93) Vidi armaturu trake u osi 2

Vidi armaturu trake u osi 3

(12) ϕ 10 L=1m (48)

(13) ϕ 12 L=4.3m (6)

90
40

90
430

100

3 ϕ 12-15
11 ϕ 10-15

3 ϕ 12-15
11 ϕ 10-15

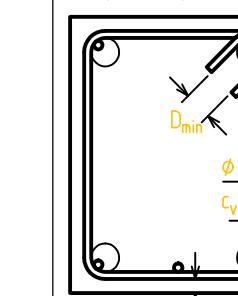
3 ϕ 12-15
11 ϕ 10-15

14 ϕ 12 L=5.15m (6)
80
355
80

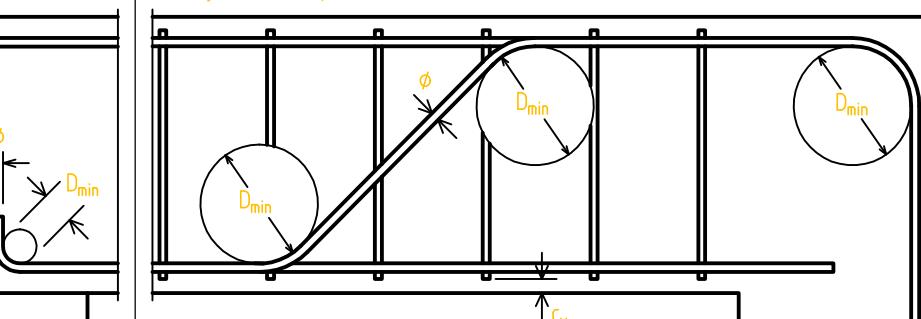
Minimalni prečnici povijanja D_{min}

(prema: DIN EN1992-1-1/NA Tabela NA.8.1)

Vilice, ukosnice, kuke



Skretanje armaturnih šipki



Za promjer šipke:

	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$C_v > 100 \text{ mm} \text{ i } > 7 \emptyset$	$C_v > 50 \text{ mm} \text{ i } > 3 \emptyset$	$C_v \leq 50 \text{ mm} \text{ ili } \leq 3 \emptyset$
D_{min}	4,0 \emptyset	7,0 \emptyset	10 \emptyset	15 \emptyset	20 \emptyset

ZAŠTITNI SLOJ BETONA	
TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

MATERIJALI	
PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

PLAN OPLATE TEMELJNE PLOČE POZ 001/00 GORNJA ZONA

2

3

4

A

B' B

37φ8-30

30

D

1

2208-30

2 1008-30

2 ø8-20 Presie

A technical drawing showing a cross-section of a structural element. Two holes are indicated: hole 2 is a vertical hole with a diameter of Ø8- and a depth of 10 mm; hole 3 is a horizontal hole with a diameter of 4Ø12 and a depth of 10 mm. The drawing also shows a stepped base with a dashed blue outline.

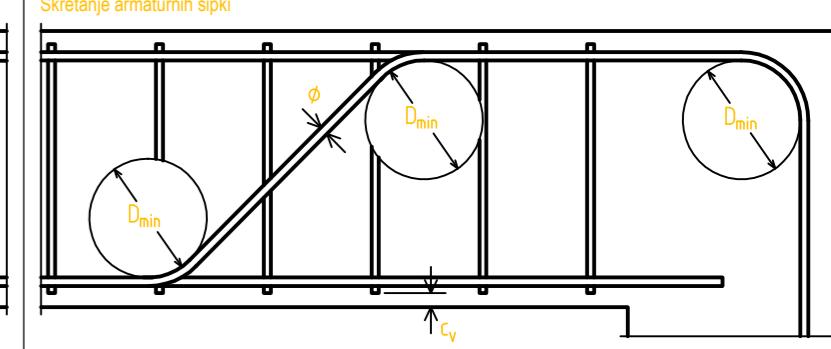
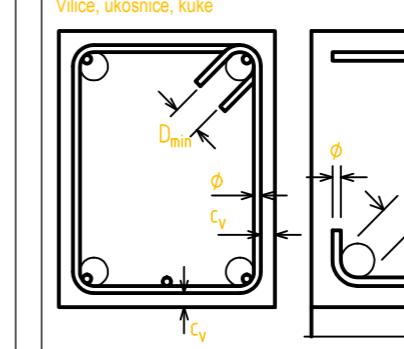
5

c

二

Minimalni prečnici povijanja D_{\min}

prema: DIN EN1992-1-1/NA Tabela NA.8.1)



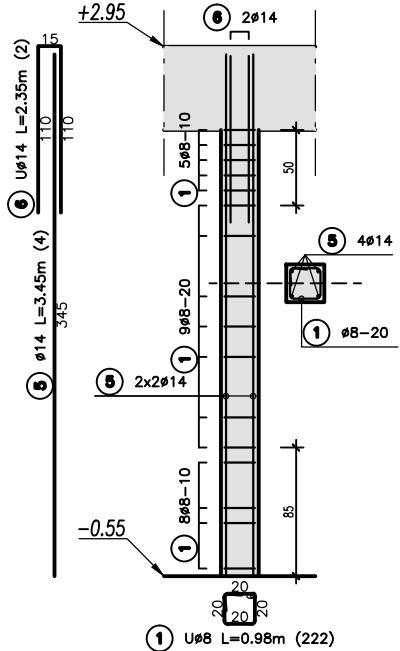
Za promjer šipke:

	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$Cv > 100 \text{ mm} \quad i > 7 \emptyset$	$Cv > 50 \text{ mm} \quad i > 3 \emptyset$	$Cv \leq 50 \text{ mm ili } \leq 3 \emptyset$
D_{\min}	4,0 \emptyset	7,0 \emptyset	10 \emptyset	15 \emptyset	20 \emptyset

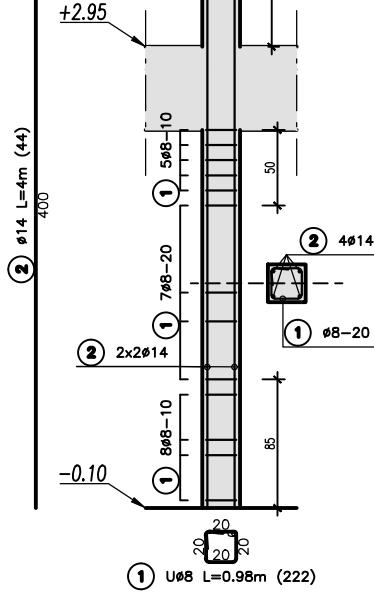
ZAŠTITNI SLOJ BETONA	
TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

MATERIJALI	
LOŽNI BETON	C 16/20
ON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
ETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

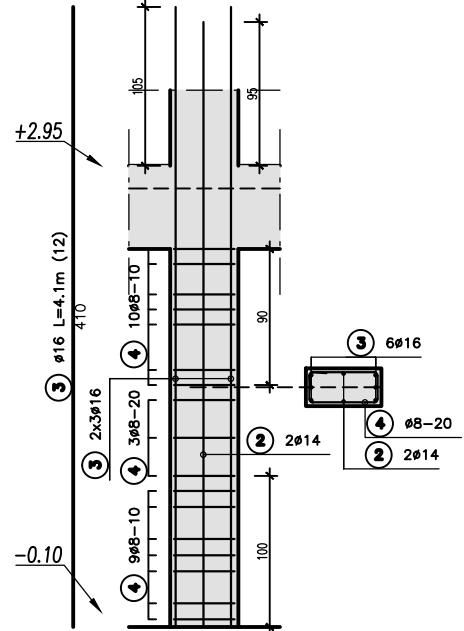
Stub
b/h=25/25
1x ose 5-C



Stub
b/h=25/25
10X



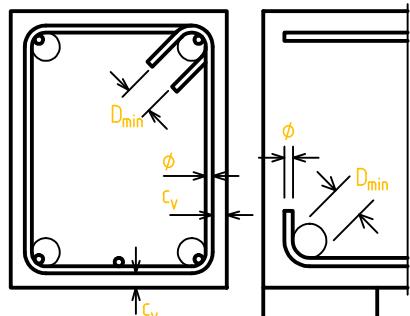
Stub
b/h=25/45
2X



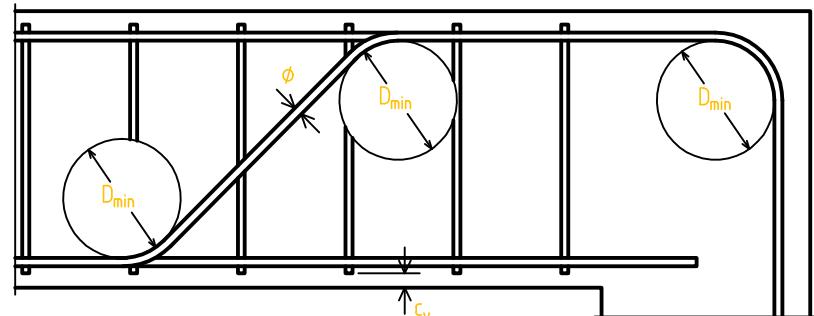
Minimalni prečnici povijanja D_{min}

(prema: DIN EN1992-1-1/NA Tabela NA.8.1)

Vilice, ukosnice, kuke



Skretanje armaturnih šipki



Za promjer šipke:

Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima:

	$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$	$C_v > 100 \text{ mm} \text{ i } > 7 \emptyset$	$C_v > 50 \text{ mm} \text{ i } > 3 \emptyset$	$C_v \leq 50 \text{ mm ili } \leq 3 \emptyset$
D_{min}	4,0 \emptyset	7,0 \emptyset	10 \emptyset	15 \emptyset	20 \emptyset

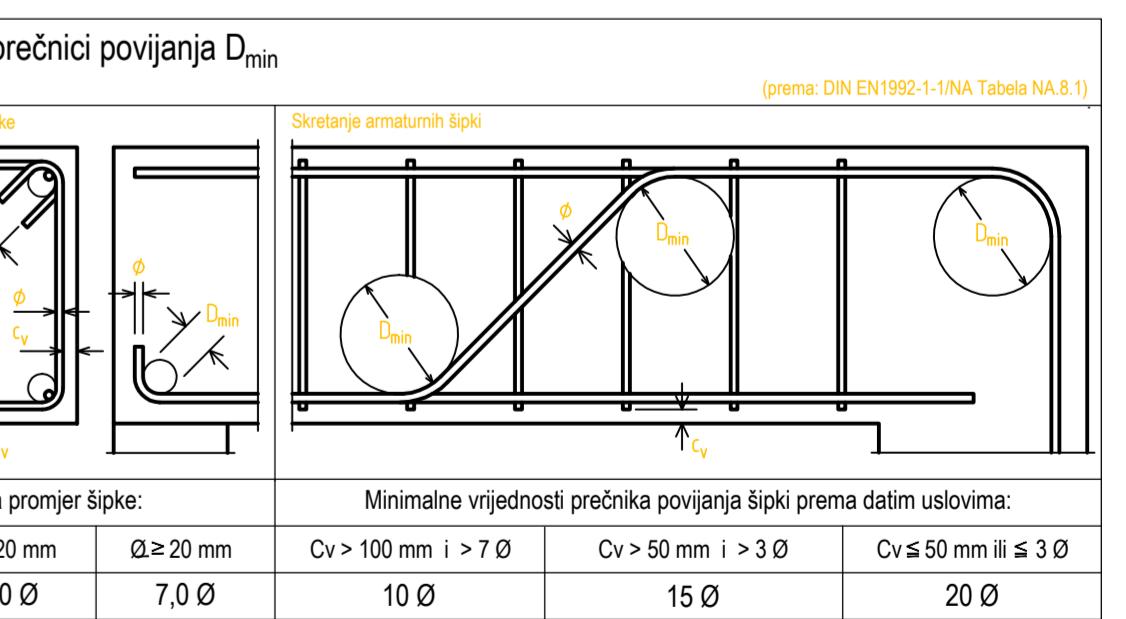
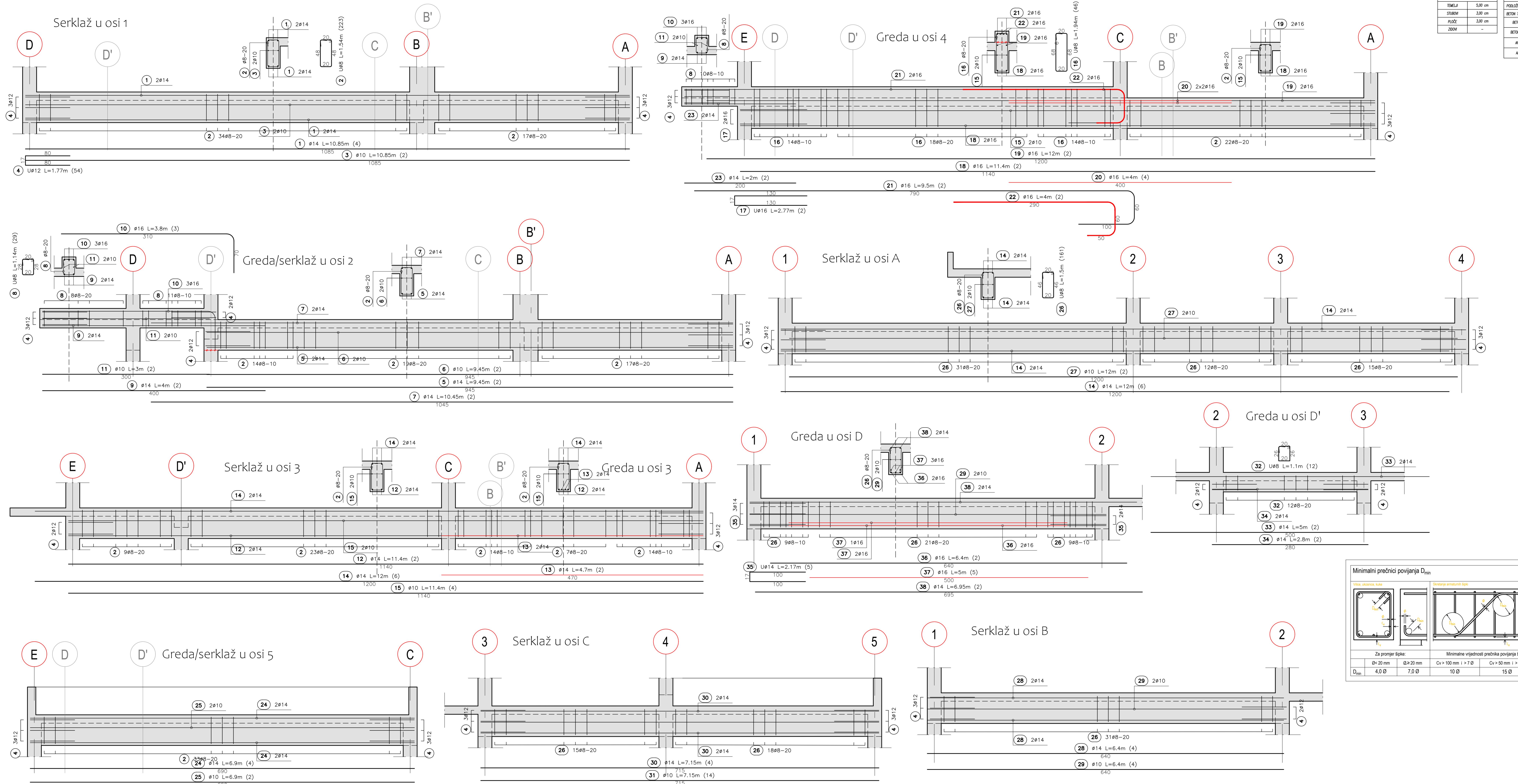
MATERIJALI

PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

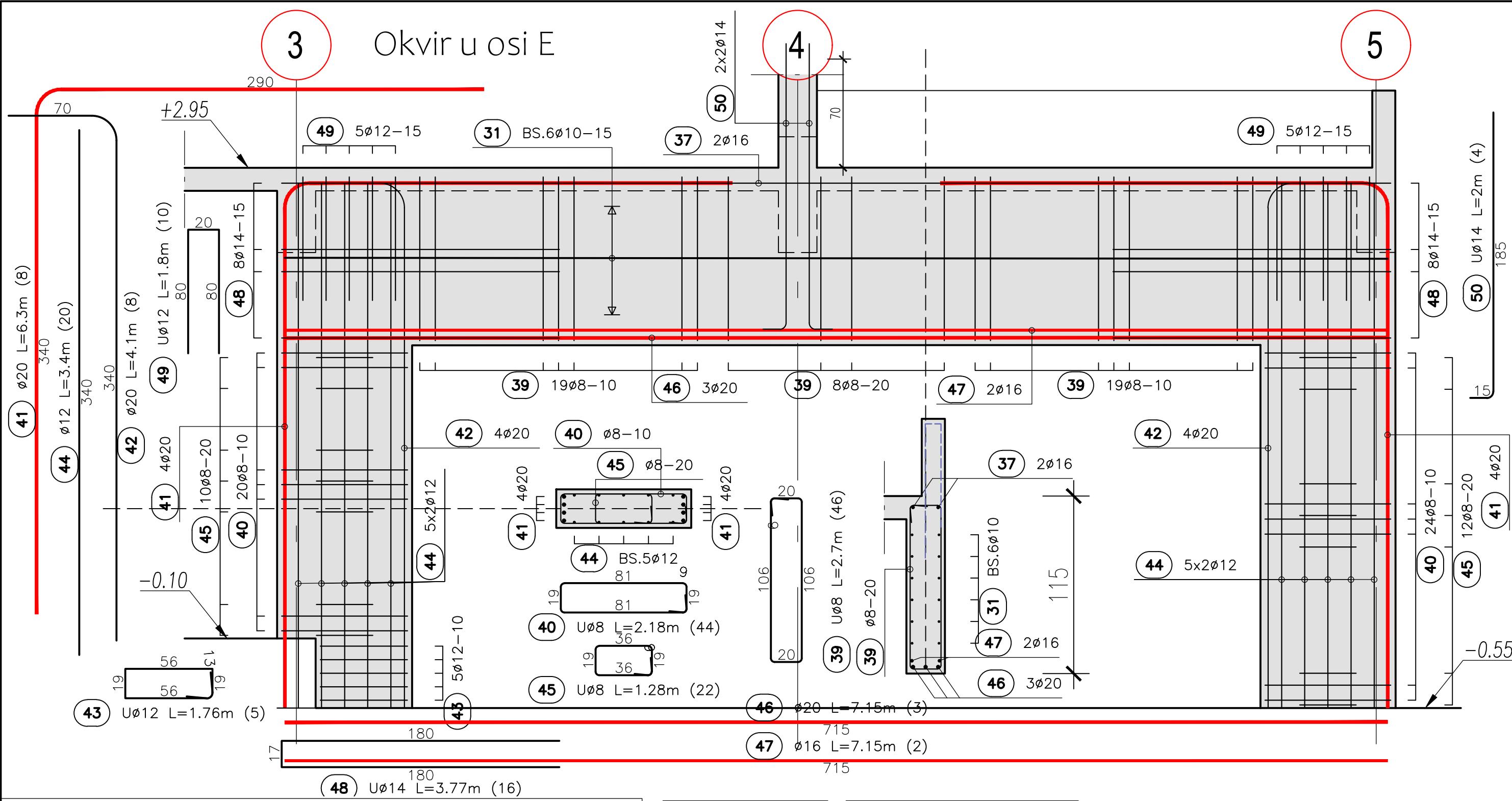
ZAŠTITNI SLOJ BETONA

TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

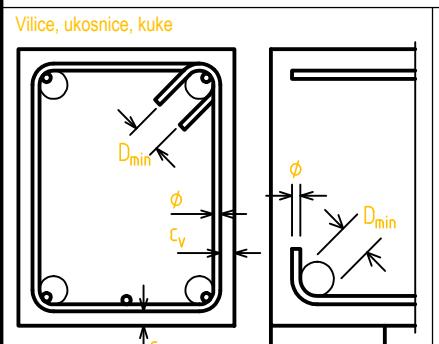
ZAŠTITNI SLOJ BETONA	
TEMELJI	5,00 cm
PODOLŽNI BETON	C 16/20
STUBOM	3,00 cm
BETON TEMELJA I PODNE PLOČE	C 25/30
PLOČE	3,00 cm
BETON GREDA I STUBOVA	C 25/30
ZIDOVI	-
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500



Okvir u osi E



Minimalni prečnici povijanja D_{min}



(prema: DIN EN1992-1-1/NA Tabela NA.8.1)

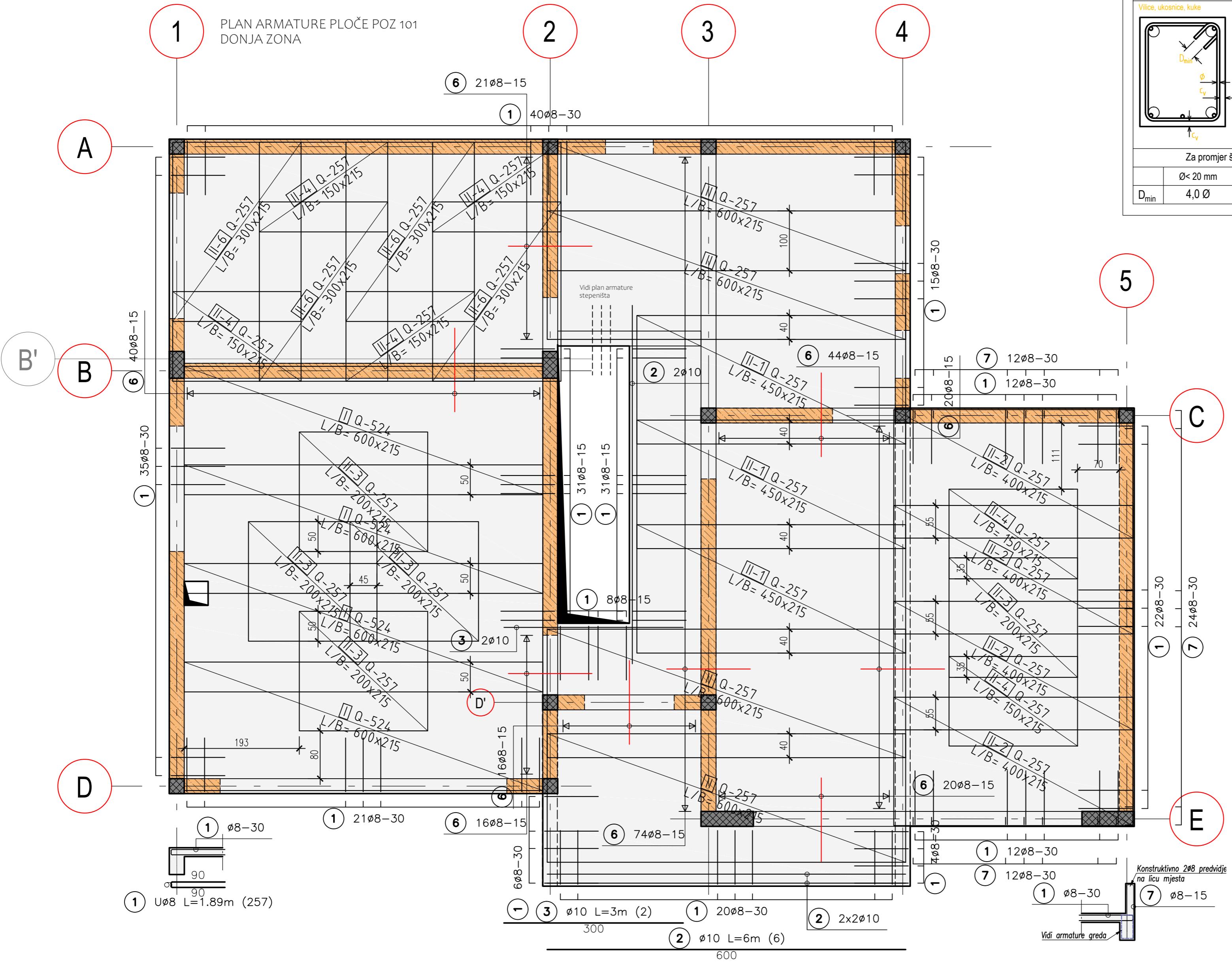
ZAŠTITNI SLOJ BETONA	
TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

MATERIJALI	
PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOVA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

Za promjer šipke:

Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima:

	$\emptyset < 20$ mm	$\emptyset \geq 20$ mm	$Cv > 100$ mm i $> 7 \emptyset$	$Cv > 50$ mm i $> 3 \emptyset$	$Cv \leq 50$ mm ili $\leq 3 \emptyset$
D_{min}	4,0 \emptyset	7,0 \emptyset	10 \emptyset	15 \emptyset	20 \emptyset



Minimalni prečnici povijanja D_{min}
(prema: DIN EN 1992-1-1/NA Tabela NA.8.1)

Vilice, ukosnice, kuke	Skretanje armaturnih šipki
D_{min}	ϕ
t_{cv}	D_{min}
Za promjer šipke:	
$\emptyset < 20 \text{ mm}$	$\emptyset \geq 20 \text{ mm}$
$D_{min} = 4,0 \emptyset$	$D_{min} = 7,0 \emptyset$
$Cv > 100 \text{ mm i } > 7 \emptyset$	$Cv > 50 \text{ mm i } > 3 \emptyset$
$Cv \leq 50 \text{ mm ili } \leq 3 \emptyset$	$Cv \leq 50 \text{ mm ili } \leq 3 \emptyset$

ZAŠTITNI SLOJ BETONA

TEMELJI	5,00 cm
STUBOVI	3,00 cm
PLOČE	3,00 cm
ZIDOVI	-

MATERIJALI

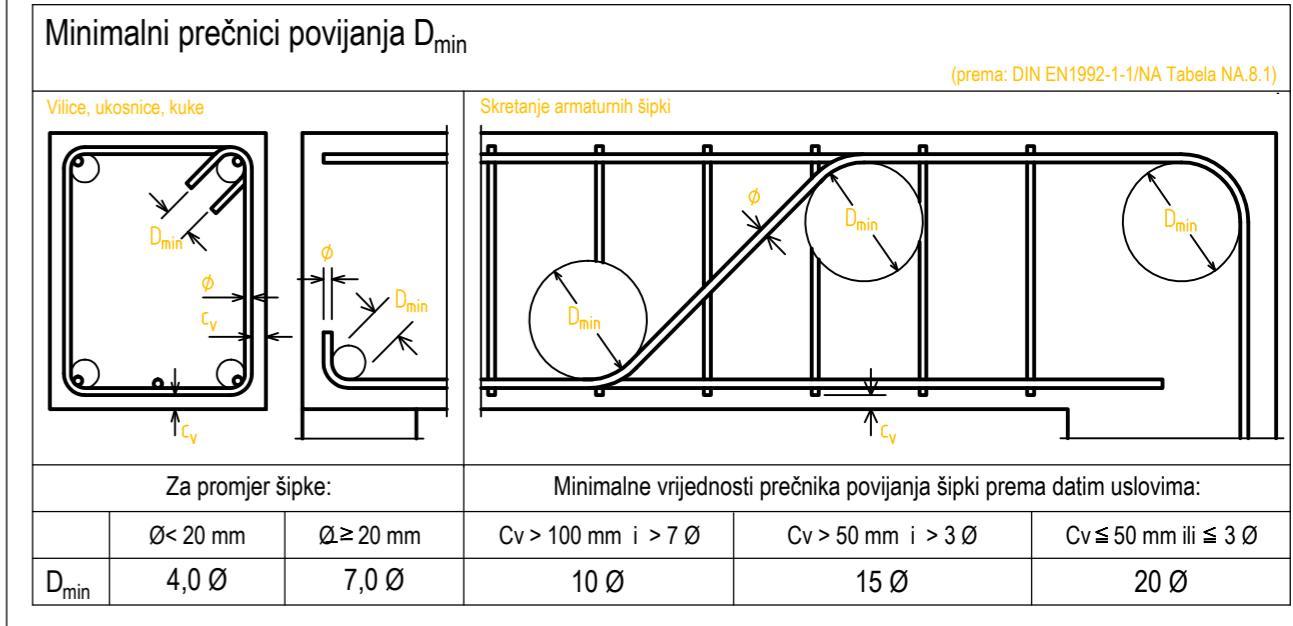
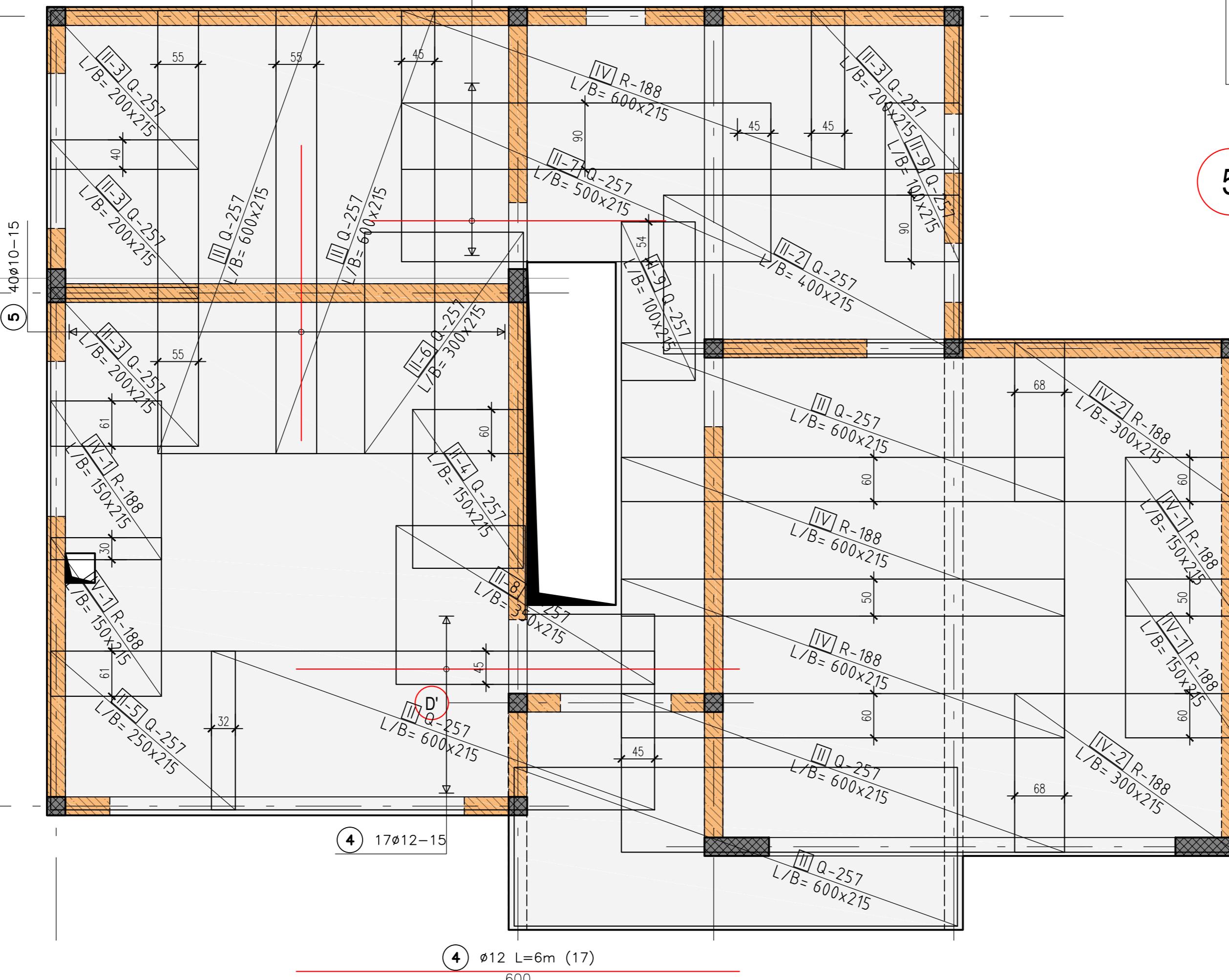
PODLOŽNI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I PLOČA	C 25/30
BETON ZIDOWA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500
ARMATURNE ŠIPKE	S500

PLAN ARMATURE PLOČE POZ 101
GORNJA ZONA

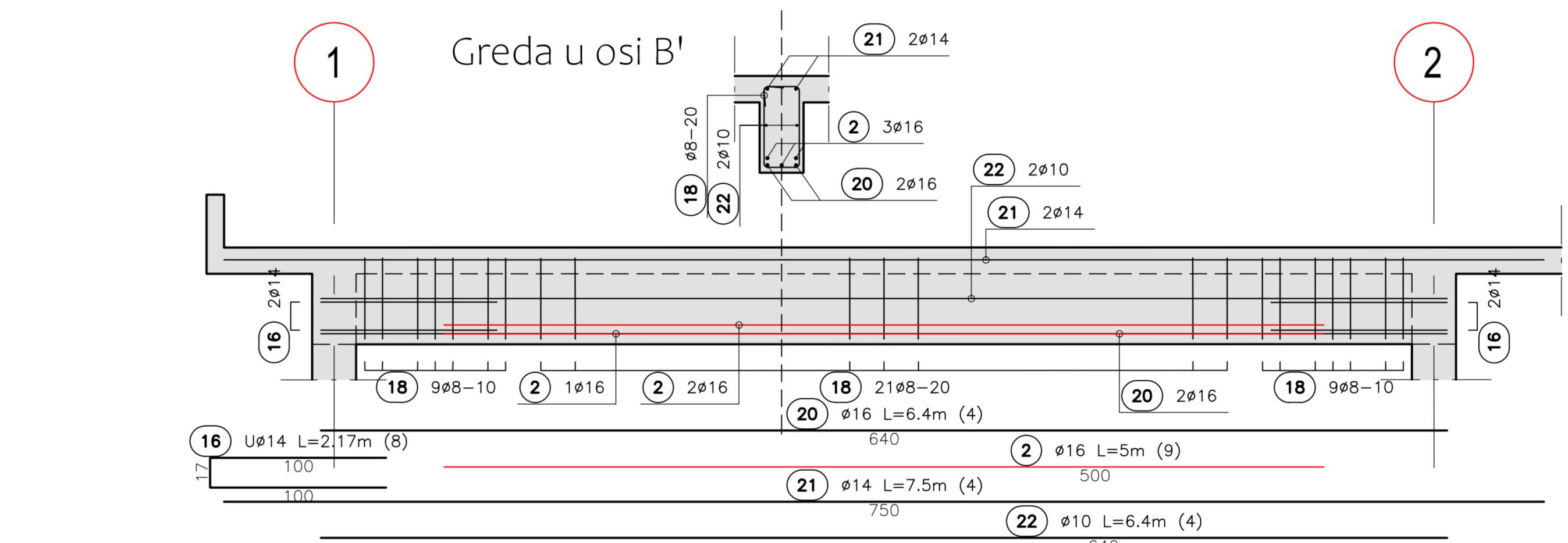
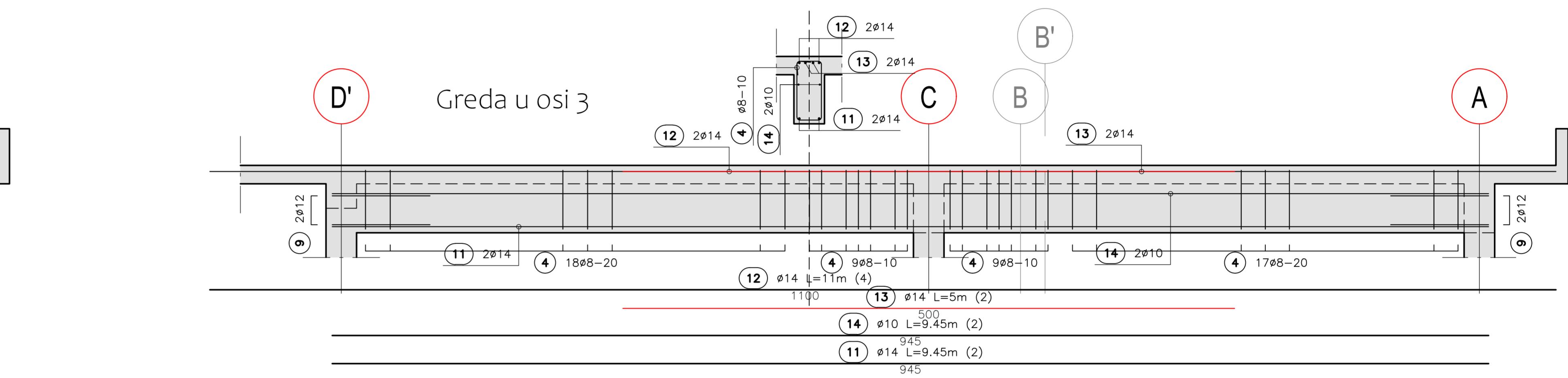
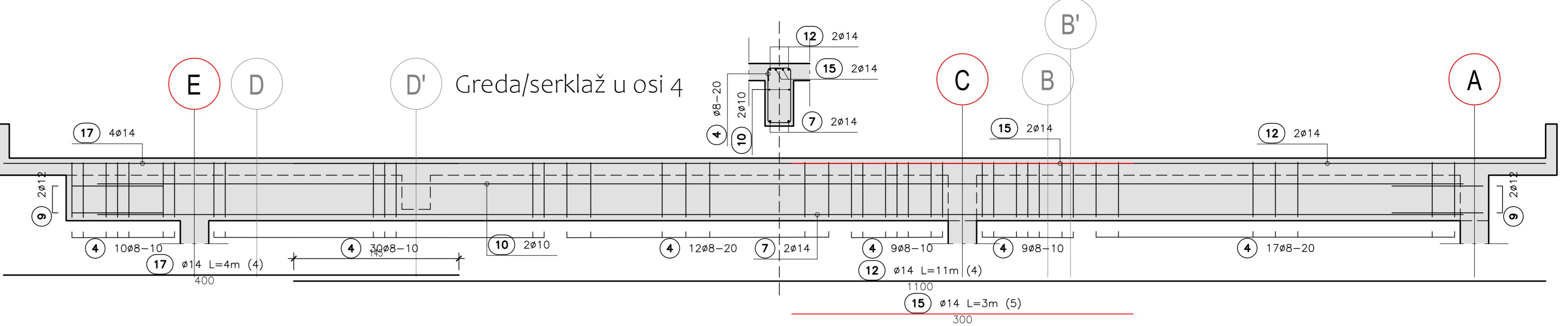
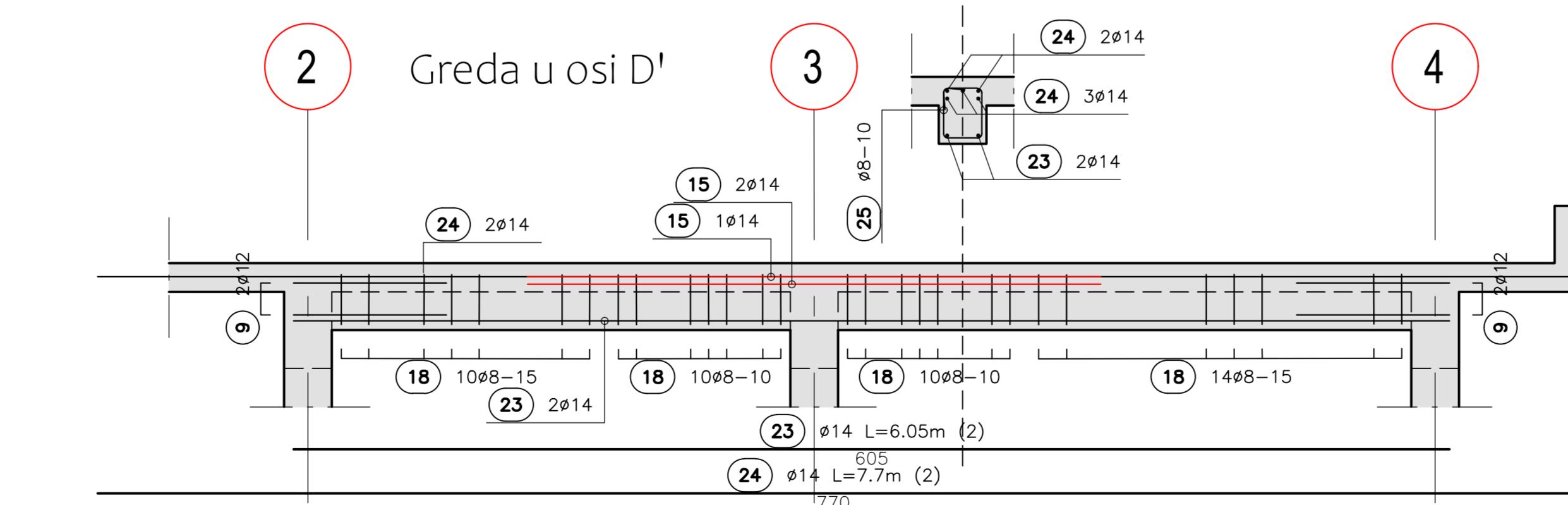
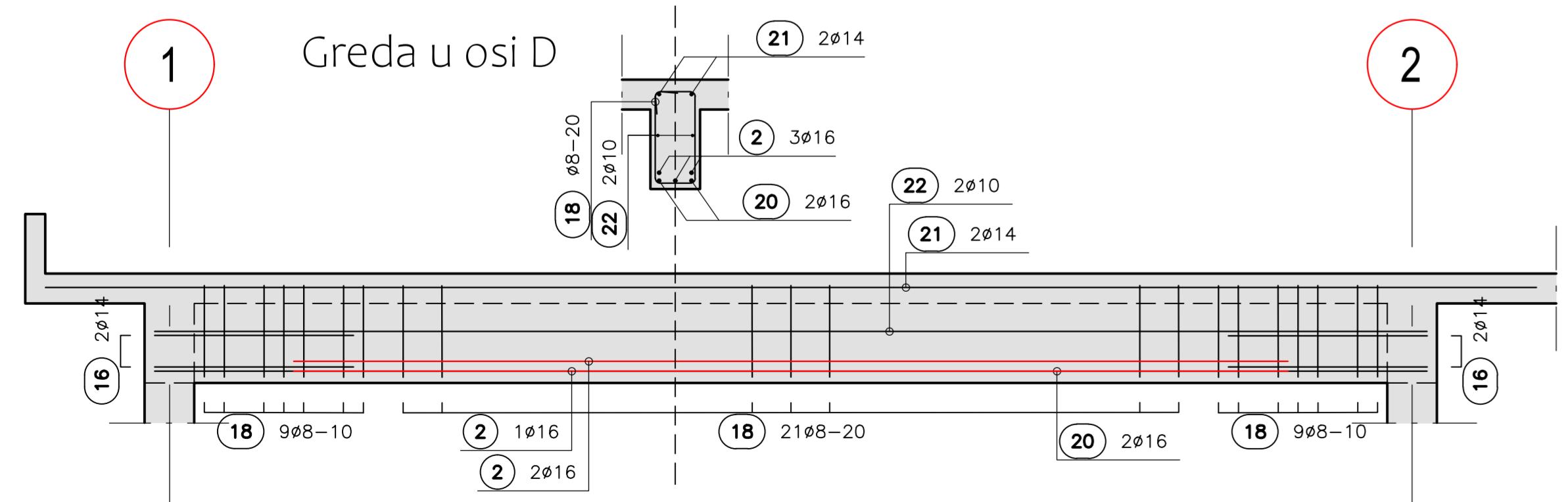
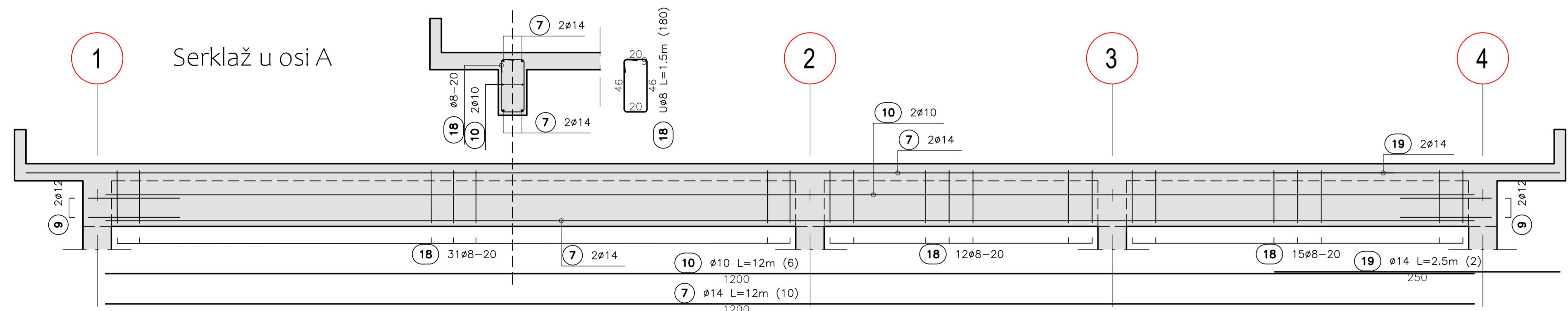
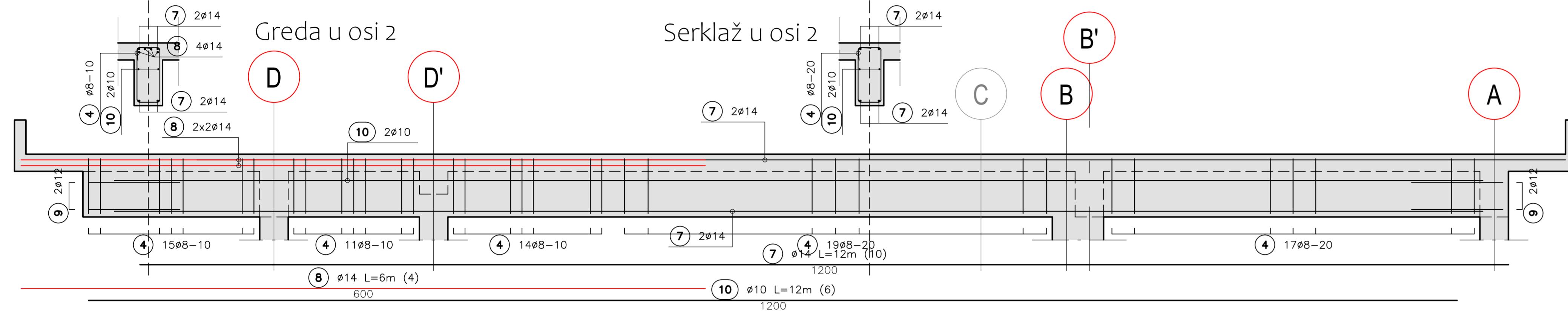
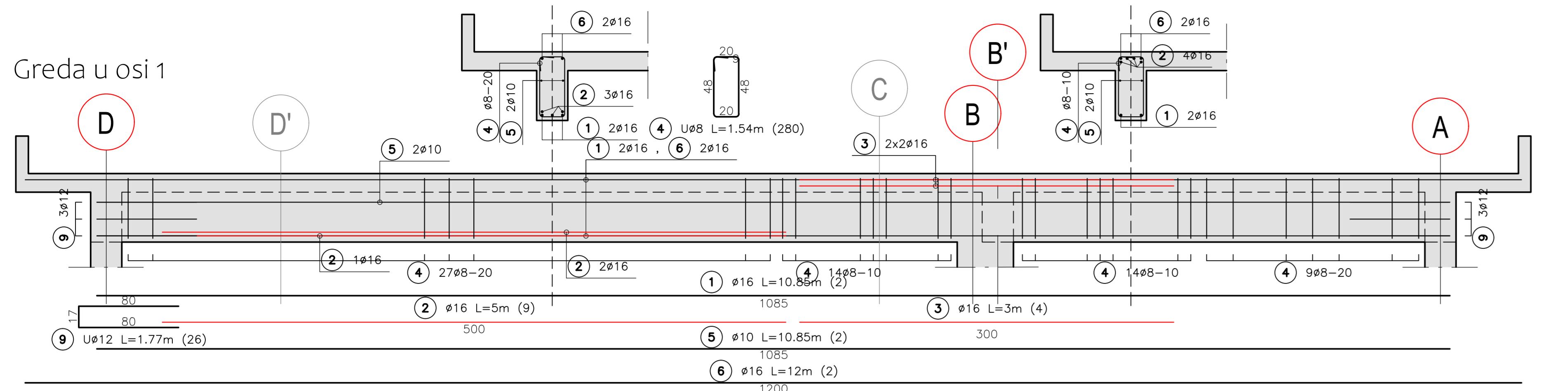
1 2 3 4

(5) $\phi 10$ L=4m (57)
400

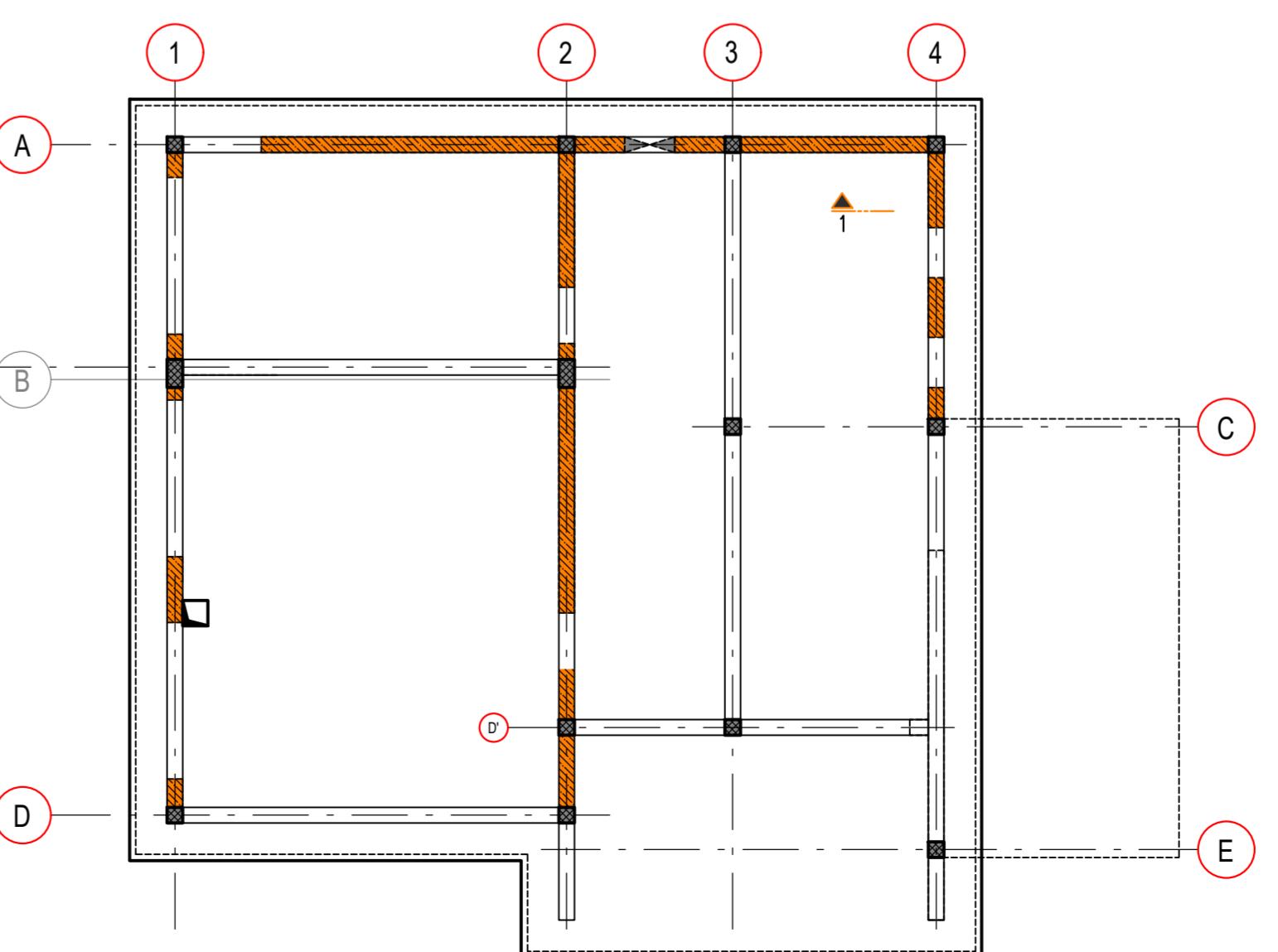
(5) 17ø10-15



ZAŠTITNI SLOJ BETONA		MATERIALI	
TEMELJI	5,00 cm	PODLOŽNI BETON	C 16/20
STUBOVI	3,00 cm	BETON TEMELJA I PODNE PLOČE	C 25/30
PLOČE	3,00 cm	BETON GREDA I PLOČA	C 25/30
ZIDOVI	-	BETON ZIDOWA I STUBOVA	C 25/30
ARMATURNE MREŽE	MAR500	ARMATURNE ŠIPKE	S500



Minimalni prečici povijanja D_{min}	
(prema DIN EN1992-1-NA Tabela NA.8.1)	
Vločne, ukončene kuke	
Skretanje armaturnih šipki	
Za promjer šipke:	Minimalne vrijednosti prečnika povijanja šipki prema datim uslovima:
$\varnothing < 20 mm$	$Cv > 100 mm > 7 \varnothing$
$\varnothing \geq 20 mm$	$Cv > 50 mm > 3 \varnothing$
D_{min}	$Cv \leq 50 mm \leq 3 \varnothing$
4,0 Ø	7,0 Ø
10 Ø	15 Ø
20 Ø	



MATERIALI	
POBOLJŠANI BETON	C 16/20
BETON TEMELJA I PODNE PLOČE	C 25/30
BETON GREDA I STUBOVA	C 25/30
BETON ZIDOWA I STUBOVA	C 25/30
ARMATURNE MREŽE	M4500
ARMATURNE ŠIPKE	S500