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**"MAX-ING"** d.o.o.  
Biro za konstrukcije  
Zagreb, I. Šibla 9  
OIB: 46859883439

br. projekta: T.D. 984/20  
br. priloga: 1-00-01  
list 1 od listova 1

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INVESTITOR:  
**SISAČKO-MOSLAVAČKA  
ŽUPANIJA**  
Stjepana i Antuna Radića 36  
44000 SISAČ  
OIB: 82215698659

GRAĐEVINA:  
**REKONSTRUKCIJA STRUKOVNE  
ŠKOLE SISAČ - PRENAMJENA  
U UČENIČKI DOM**

LOKACIJA:  
**Lađarska 1, 44000 SISAČ**  
**k.č.br. 321, k.o. Novi Sisak**

**Z.O.P.: 321 - NOVI SISAČ**

RAZINA RAZRADE: **IZVEDBENI PROJEKT**

PROJEKT: **GRAĐEVINSKI PROJEKT  
PROJEKT KONSTRUKCIJE**

T.D.: **984/20**

GLAVNI  
PROJEKTANT: **ŽELIMIR VUJNOVIĆ, dipl.ing.arh.**  
**ovlašteni arhitekt br. A601**

PROJEKTANT: **GORDANA VUJNOVIĆ, dipl.ing.građ.**  
**ovlašteni inženjer građevinarstva br. G454**

SURADNIK: **ŽELIMIR FRANČIŠKOVIĆ, dipl.ing.građ.**  
**ovlašteni inženjer građevinarstva br. G453**

U ZAGREBU, rujan 2021.

DIREKTOR:  
  
**ŽELIMIR FRANČIŠKOVIĆ**  
dipl.ing.građ.

## SADRŽAJ

	oznaka priloga	list
<b>I / OPĆI PRILOZI</b>		
I/1. NASLOVNA STRANA	1-00-01	1
I/2. SADRŽAJ	1-00-02	1
I/3. REGISTRACIJA TVRTKE		(2)
I/4. RJEŠENJE O IMENOVANJU PROJEKTANTA br. 984/20-IZ	1-00-04	1
I/5. RJEŠENJE O UPISU U IMENIK OVLAŠTENIH INŽENJERA		(1)
<b>II / DISPOZICIJE KONSTRUKCIJE</b>		
II/1. TLOCRT PODRUMA	1-10-01	1
II/2. TLOCRT PRIZEMLJA	1-10-01	2
II/3. TLOCRT KATA	1-10-01	3
II/4. PRESJEK A-A	1-10-01	4
<b>III / SIDRENI ELEMENTI I DETALJI SIDRENJA</b>		
III/1. DISPOZICIJA - RASPORED SIDARA U PODRUMU	2-10-01	1
III/2. SIDRO S1 - S3	2-10-02	1-3
III/3. SPECIIKACIJA MATERIJALA - SIDRA U PODRUMU	2-10-03	1
III/4. DISPOZICIJA - RASPORED SIDARA U PRIZEMLJU	2-20-01	1
III/5. DISPOZICIJA - RASPORED SIDARA NA KATU	2-20-01	2
III/6. SIDRO S4 - S6	2-20-02	1-3
III/7. SPECIIKACIJA MATERIJALA - SIDRA PRIZEMLJA I KATA	2-20-03	1
<b>IV / NACRTI ARMATURE - PODRUM, PRIZEMLJE, KAT</b>		
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IV/2. ZIDOVI, STUPOVI, V.S. PODRUMA, GREDE IZNAD PODRUMA		LIST 2
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IV/4. ZIDOVI, STUPOVI, V.S. PRIZEMLJA, GREDE IZNAD PRIZEMLJA		LIST 3
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IV/6. SPECIFIKACIJA ARMATURE - PRIZEMLJE		1-6
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IV/8. ZIDOVI, STUPOVI, V.S. KATA, GREDE IZNAD KATA		LIST 6
IV/9. SPECIFIKACIJA ARMATURE - KAT		1-6
<b>V / NACRTI ARMATURE - VANJSKO STUBIŠTE</b>		
V/1. PLAN OPLATE ZA VANJSKO STUBIŠTE	3-10-01	1
V/2. NACRT ARMATURE ZA VANJSKO STUBIŠTE	3-10-02	1
V/3. ISKAZ ARMATURE ZA VANJSKO STUBIŠTE	3-10-10	1

IZVADAK IZ SUDSKOG REGISTRA

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SUBJEKT UPISA

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MBS:

080429343

OIB:

46859883439

TVRTKA:

1 MAX-ING društvo s ograničenom odgovornošću za usluge  
projektiranja i nadzora

1 MAX-ING d.o.o.

SJEDIŠTE/ADRESA:

1 Zagreb (Grad Zagreb)  
Ivana Šibla 9

PRAVNI OBLIK:

1 društvo s ograničenom odgovornošću

PREDMET POSLOVANJA:

1 51 - Trgovina na veliko i posredovanje u trgovini,  
osim trgovine motornim vozilima i motociklima  
1 74.40 - Promidžba (reklama i propaganda)  
1 \* - građenje, projektiranje i nadzor

OSNIVAČI/ČLANOVI DRUŠTVA:

1 Želimir Frančišković, OIB: 13786261615  
Zagreb, M. Kovačevića 8  
1 - jedini osnivač d.o.o.

OSOBE OVLAŠTENE ZA ZASTUPANJE:

1 Želimir Frančišković, OIB: 13786261615  
Zagreb, M. Kovačevića 8  
1 - direktor  
1 - zastupa društvo pojedinačno i samostalno

TEMELJNI KAPITAL:

1 19.000,00 kuna

PRAVNI ODNOSI:

Osnivački akt:

1 Odluka o osnivanju društva donesena 6.11.1992. godine,  
usklađena sa ZTD-om 27.12.1995. godine i sastavljena u novom  
obliku kao Izjava.

Promjene temeljnog kapitala:

1 Odlukom osnivača od 27.12.1995. godine uplatom u novcu  
povećan je temeljni kapital društva sa 8,00 kn za 19.000,00



IZVADAK IZ SUDSKOG REGISTRA

SUBJEKT UPISA

PRAVNI ODNOSI:

Promjene temeljnog kapitala:  
kn na 19.000,00 kn.

OSTALI PODACI:

- 1 Subjekt je bio upisan kod Trgovačkog suda u Zagrebu pod  
reg.ul. 1-29862.

FINANCIJSKA IZVJEŠĆA:

	Predano	God.	Za razdoblje	Vrsta izvještaja
eu	30.06.16	2015	01.01.15 - 31.12.15	GFI-POD izvještaj

Upise u glavnu knjigu proveli su:

RBU Tt	Datum	Naziv suda
0001 Tt-95/27111-6	13.06.2002	Trgovački sud u Zagrebu
eu /	31.03.2009	elektronički upis
eu /	09.04.2010	elektronički upis
eu /	07.04.2011	elektronički upis
eu /	18.05.2012	elektronički upis
eu /	02.04.2013	elektronički upis
eu /	30.06.2014	elektronički upis
eu /	30.06.2015	elektronički upis
eu /	30.06.2016	elektronički upis

U Zagrebu, 07. srpnja 2016.

Ovlaštena osoba





Na temelju čl. 51. Zakona o gradnji (NN RH br. 153/13, 20/17, 39/19, 125/19) izdaje se

## **RJEŠENJE O IMENOVANJU PROJEKTANTA br. 984/20-IZ**

kojim se imenuje: GORDANA VUJNOVIĆ, dipl.ing.građ.  
br. uvjerenja: 531-02-94-1; 1887  
br. upisa u Imenik Hrvatske komore inženjera građevinarstva: 454

za projektanta: IZVEDBENOG PROJEKTA - GRAĐEVINSKOG PROJEKTA -  
PROJEKTA KONSTRUKCIJE

za građevinu: REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK -  
PRENAMJENA U UČENIČKI DOM

na lokaciji: Lađarska 1, 44000 SISAK  
k.č.br. 321, k.o. Novi Sisak

investitora: SISAČKO-MOSLAVAČKA ŽUPANIJA  
Stjepana i Antuna Radića 36, 44000 SISAK

Imenovana zadovoljava odredbe čl. 51. Zakona o gradnji (NN RH br. 153/13, 20/17, 39/19, 125/19).

U Zagrebu, rujan 2021.

Direktor:

Želimir Frančišković  
dipl.ing.građ.



REPUBLIKA HRVATSKA  
HRVATSKA KOMORA ARHITEKATA  
I INŽENJERA U GRADITELJSTVU

Klasa: UPI-360-01/99-01/454  
Urbroj: 314-01-99-1  
Zagreb, 25. rujna 1999.

Na temelju članka 24. i 50. Zakona o Hrvatskoj komori arhitekata i inženjera u graditeljstvu (Narodne novine, broj 47/98), Odbor za upise razreda inženjera građevinarstva, rješavajući po zahtjevu koji je podnijela VUJNOVIĆ GORDANA dipl.ing.građ., ZAGREB, JABLANOVAC 27, za upis u Imenik ovlaštenih inženjera građevinarstva, donio je sljedeće

RJEŠENJE

1. U Imenik ovlaštenih inženjera građevinarstva upisuje se VUJNOVIĆ GORDANA, (JMBG 161263335058), dipl.ing.građ., ZAGREB, pod rednim brojem 454, s danom upisa 23.06.1999.
2. Upisom u Imenik ovlaštenih inženjera građevinarstva, VUJNOVIĆ GORDANA, stječe pravo na uporabu strukovnog naziva "ovlašteni inženjer građevinarstva" i pravo na obavljanje poslova temeljem članka 25. Zakona o Hrvatskoj komori arhitekata i inženjera u graditeljstvu, a u svezi sa člankom 4. stavkom 1. Statuta Hrvatske komore arhitekata i inženjera u graditeljstvu, te ostala prava i dužnosti sukladno posebnim propisima.
3. Ovlaštenom inženjeru izdaje se "inženjerska iskaznica" i stječe pravo na uporabu "pečata".

Obrazloženje

VUJNOVIĆ GORDANA dipl.ing.građ., podnijela je Zahtjev za upis Imenik ovlaštenih inženjera građevinarstva

Odbor za upise razreda inženjera građevinarstva proveo je postupak u povodu dostavljenog Zahtjeva, te je temeljem članka 24. stavka 2. Zakona o Hrvatskoj komori arhitekata i inženjera u graditeljstvu (Narodne novine, broj 40/99), a u svezi sa člankom 5. stavkom 4. i člankom 20. Statuta Hrvatske komore arhitekata i inženjera u graditeljstvu (Narodne novine, broj 40/99), riješeno kao u izreci.

Upisom u Imenik ovlaštenih inženjera građevinarstva imenovana stječe pravo na izradu i uporabu pečata, sukladno članku 35. Statuta Hrvatske komore arhitekata i inženjera u graditeljstvu i na izdavanje "arhitektonske iskaznice".

Na temelju članka 141. stavka 1. točke 1. Zakona o općem upravnom postupku (Narodne novine, broj 53/91), predmet je riješen po skraćenom postupku.

Pouka o pravnom lijeku

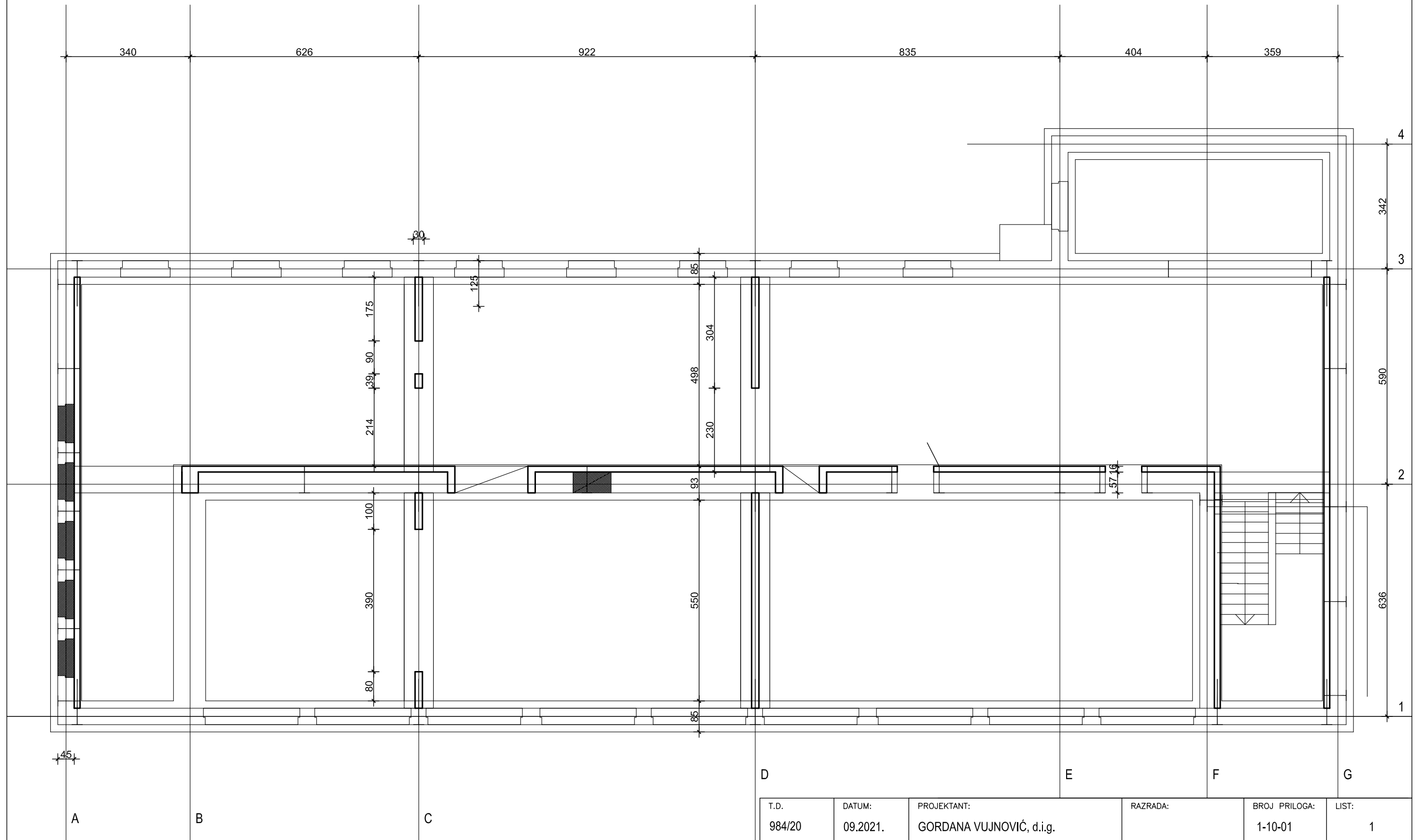
Protiv ovog Rješenja žalba nije dopuštena, ali se može pokrenuti upravni spor podnošenjem tužbe Upravnom sudu Republike Hrvatske, u roku 30 dana od dana primitka ovog Rješenja.

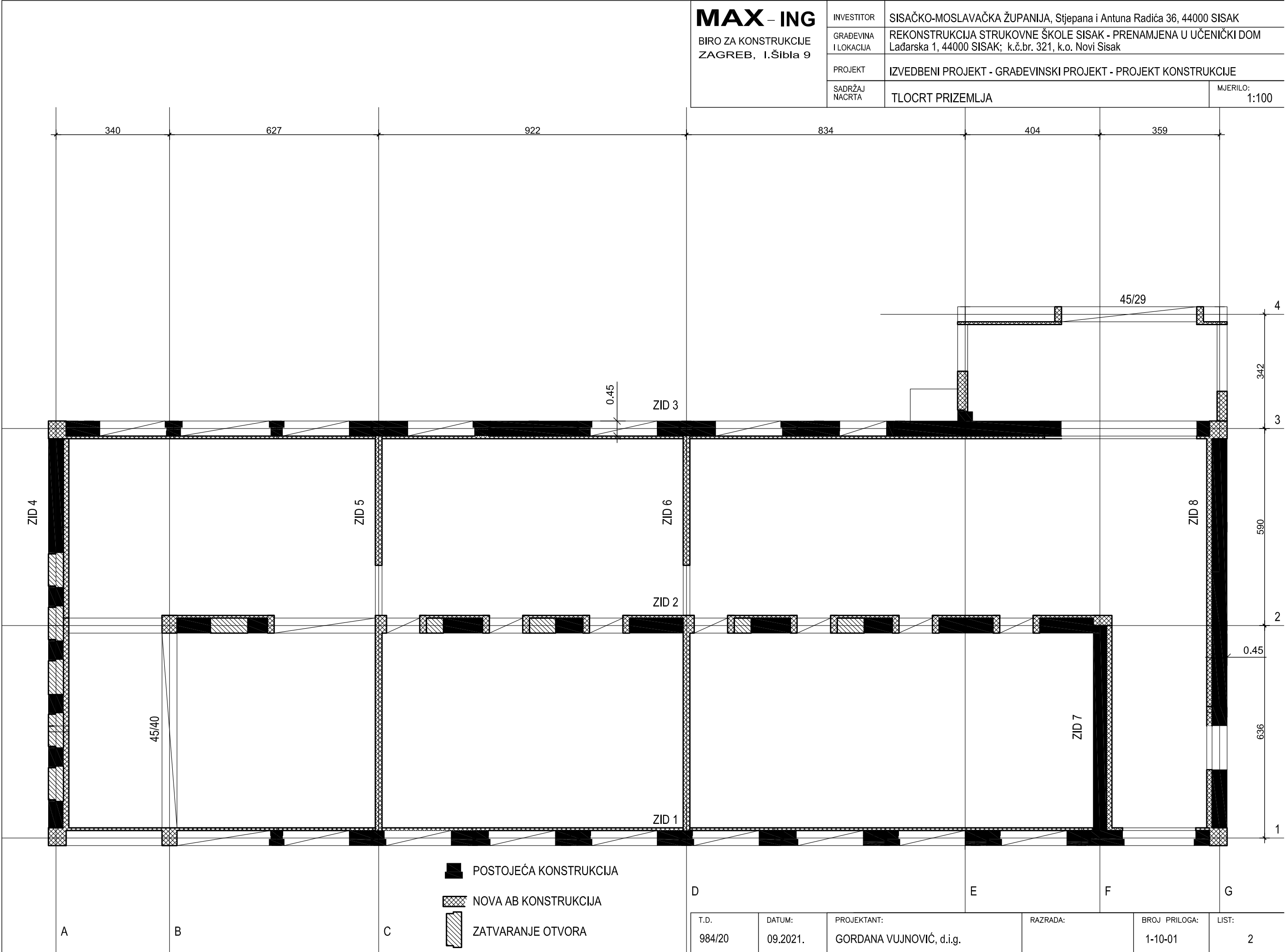


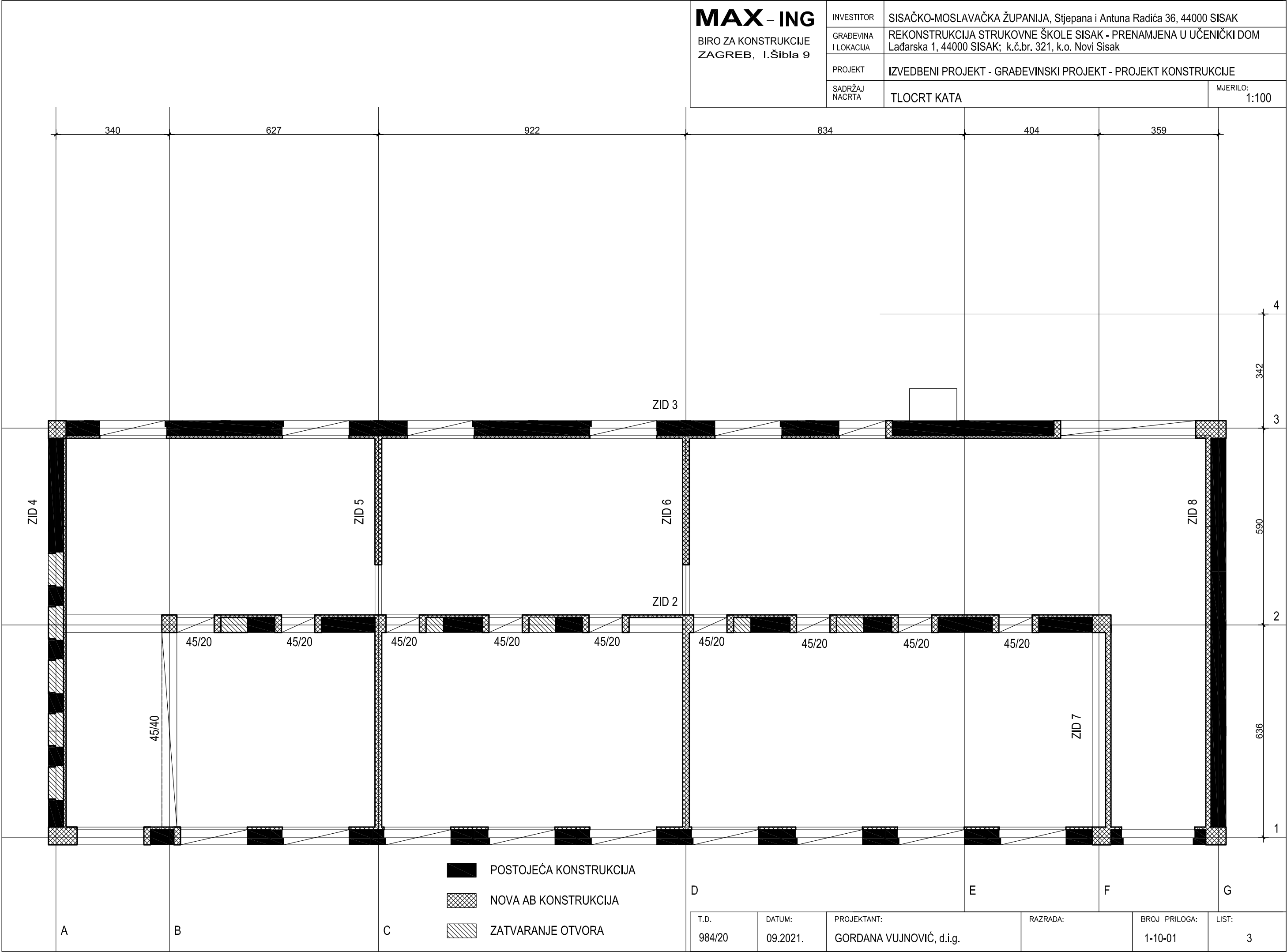
Dostaviti:

1. VUJNOVIĆ GORDANA  
ZAGREB, JABLANOVAC 27  
uz povrat potvrde o izvršenoj dostavi
2. U Zbirku isprava Komore
3. Pismohrana Komore

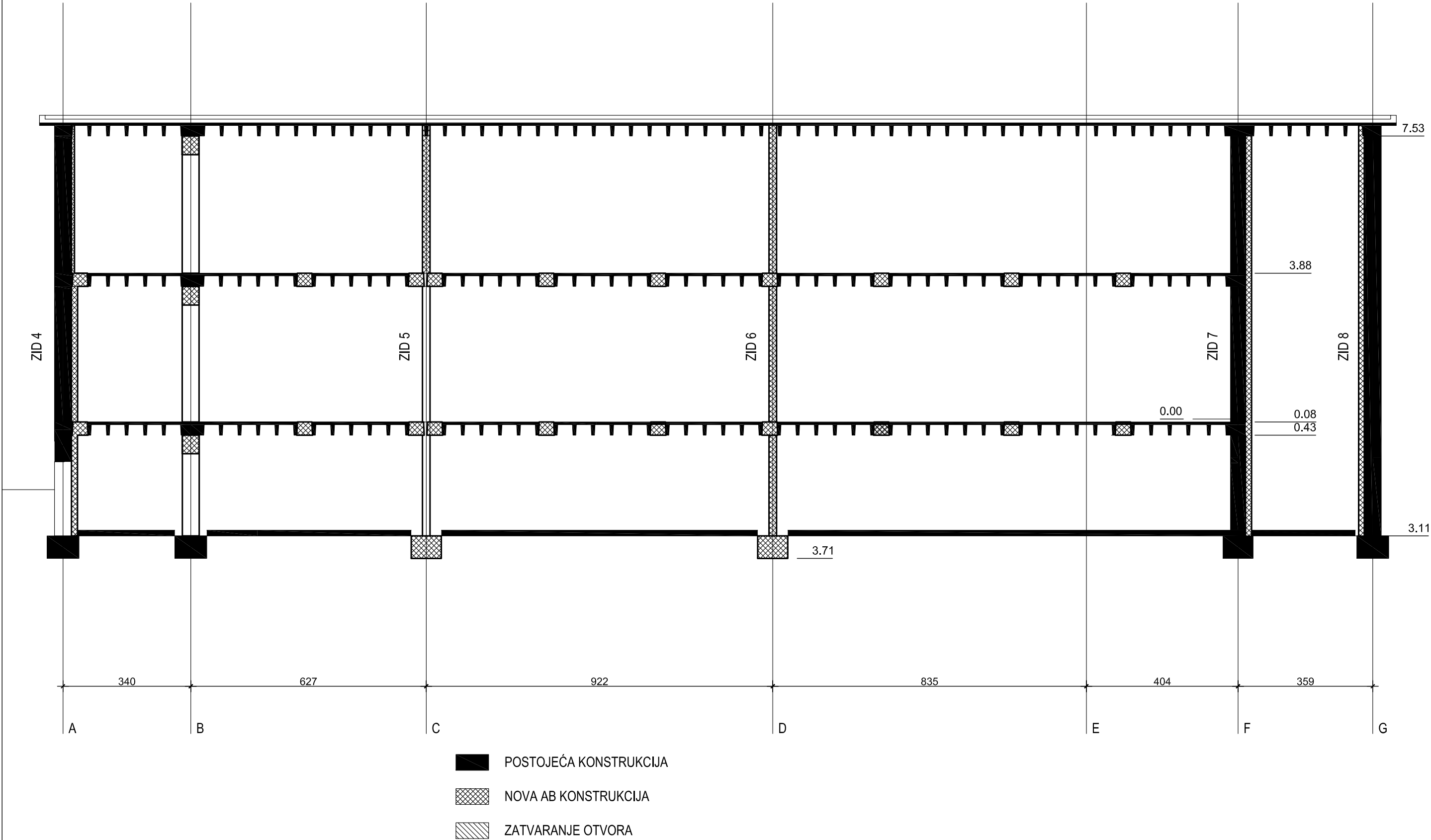
BIRO ZA KONSTRUKCIJE  
ZAGREB, I.Šibla 9





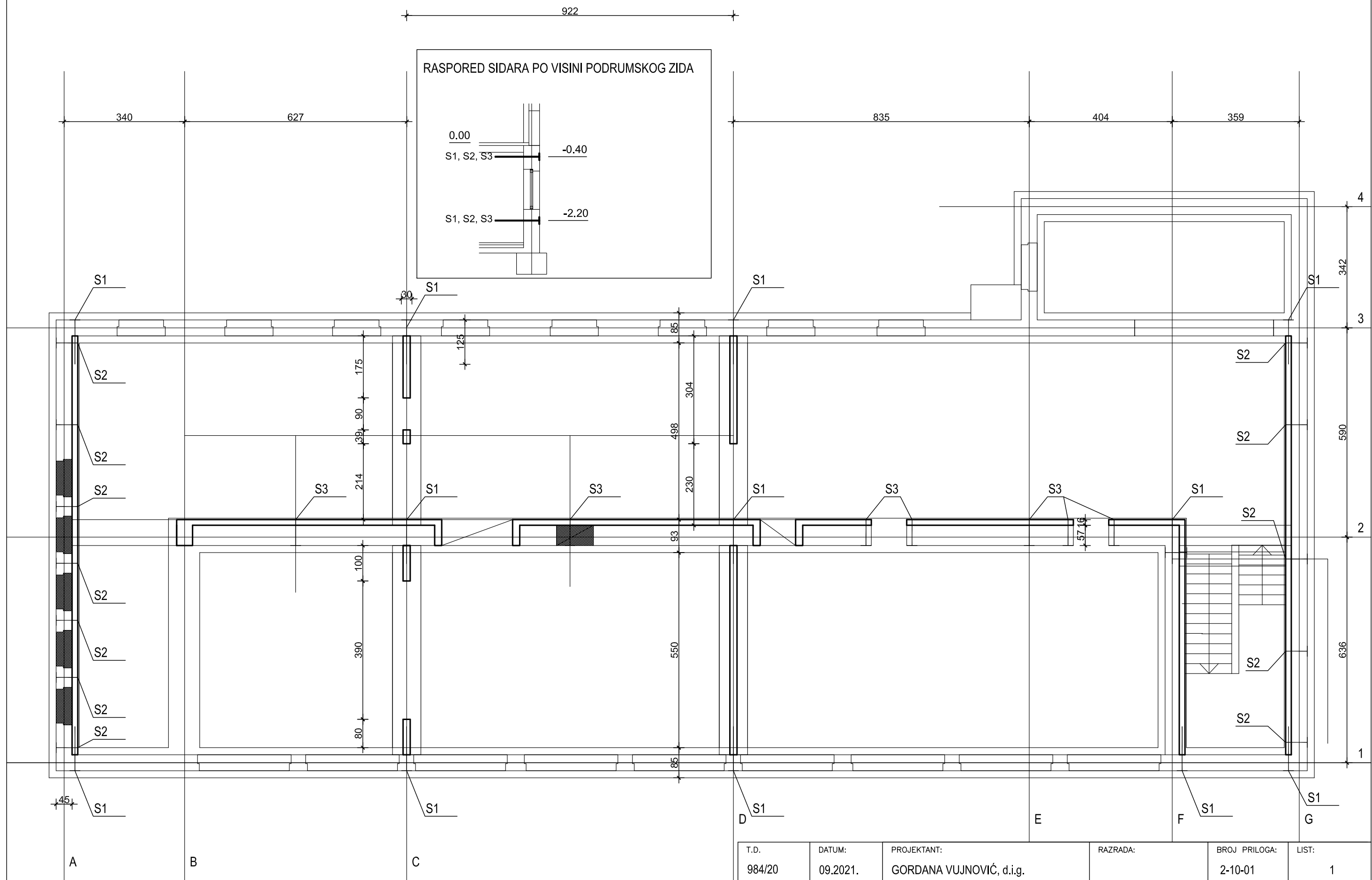


<b>MAX – ING</b> BIRO ZA KONSTRUKCIJE ZAGREB, I.Šibla 9	INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK		
	GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak		
	PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE		
	SADRŽAJ NACRTA	PRESJEK A-A		MJERILO: 1:100



T.D. 984/20	DATUM: 09.2021.	PROJEKTANT: GORDANA VUJNOVIĆ, d.i.g.	RAZRADA:	BROJ PRILOGA: 1-10-01	LIST: 4
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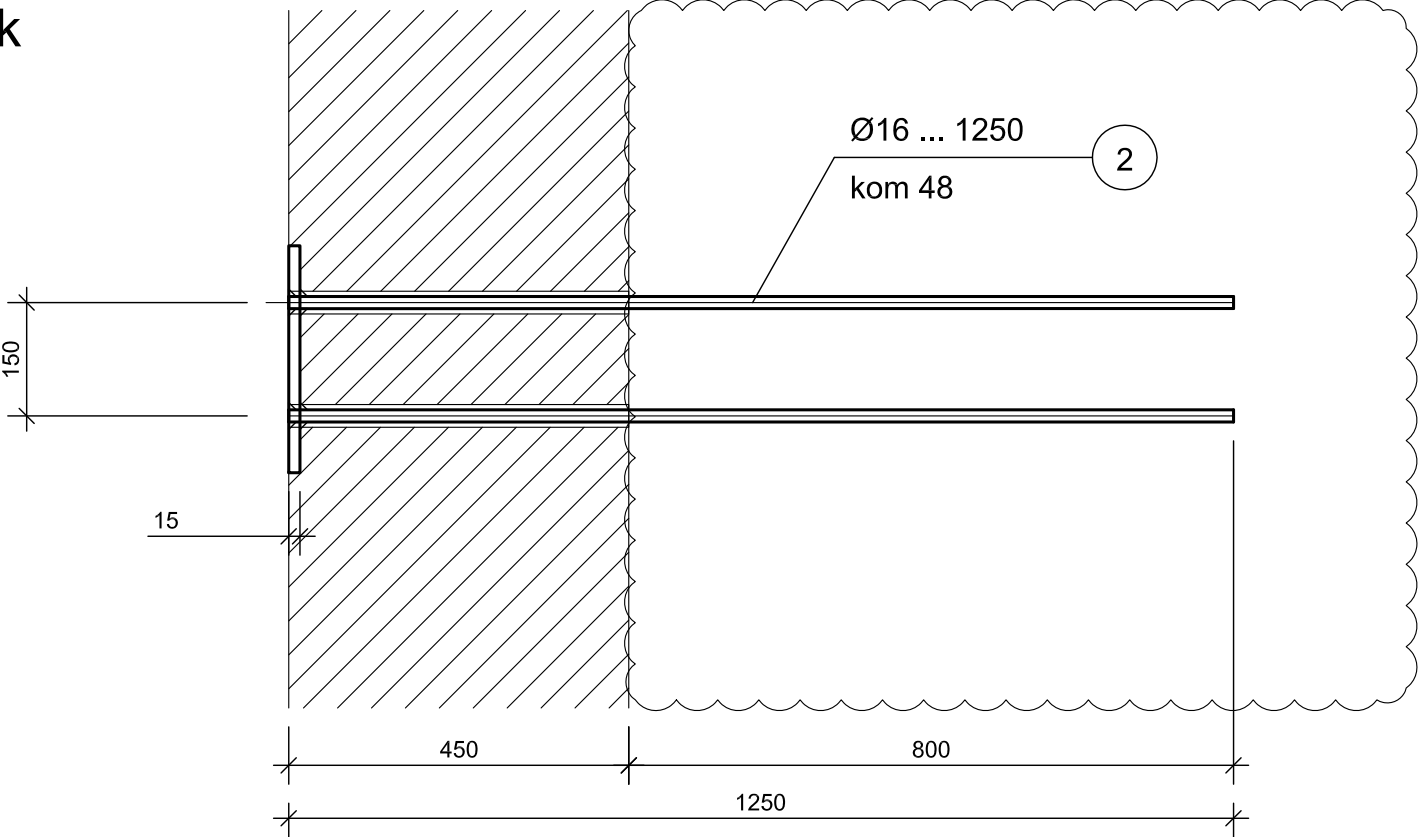
INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK	
GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak	
PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE	
SADRŽAJ NACRTA	DISPOZICIJA - RASPORED SIDARA U PODRUMU	MJERILO: 1:100



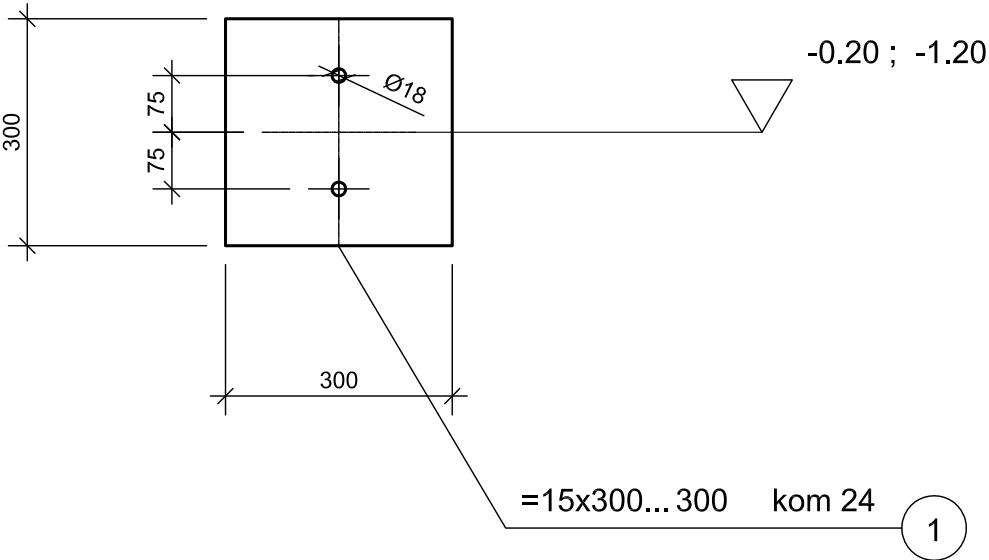


MAX – ING BIRO ZA KONSTRUKCIJE ZAGREB, I.Šibla 9	INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK		
	GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak		
	PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE		
	SADRŽAJ NACRTA	SIDRO S1		MJERILO: 1:10

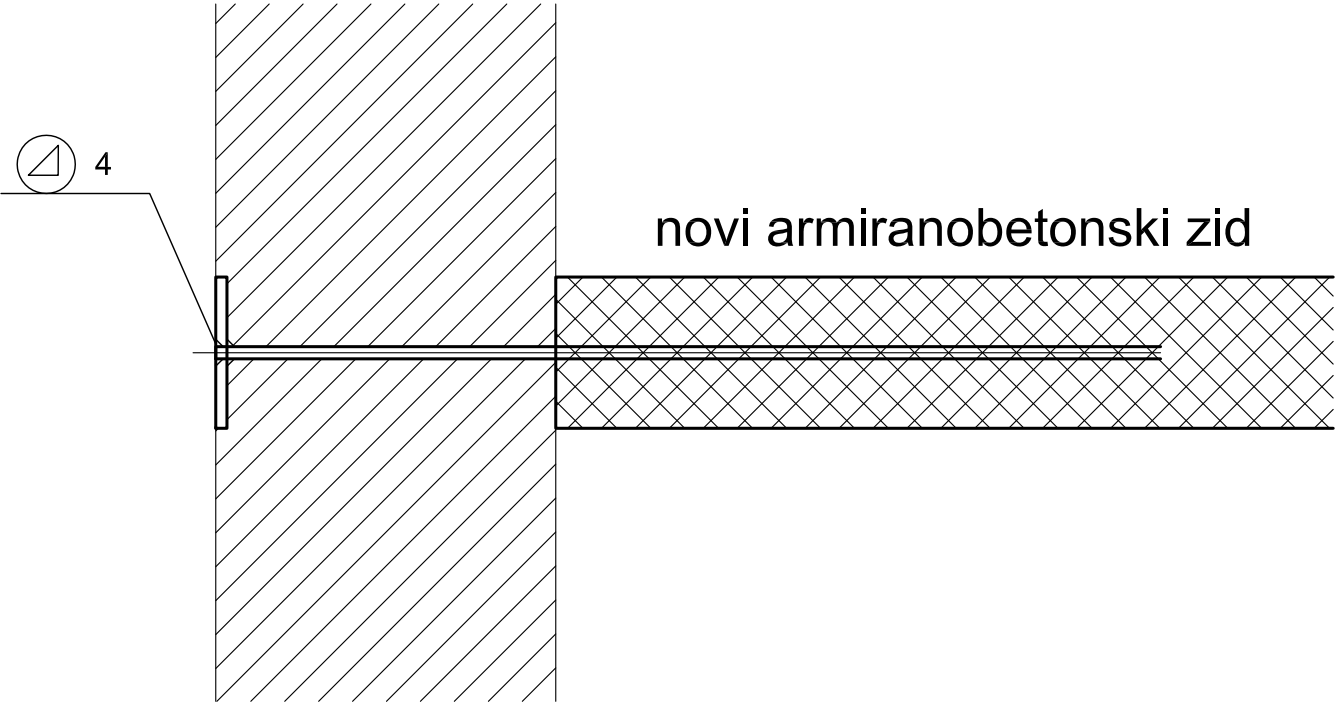
presjek



SIDRO S1 kom 24



tlocrt



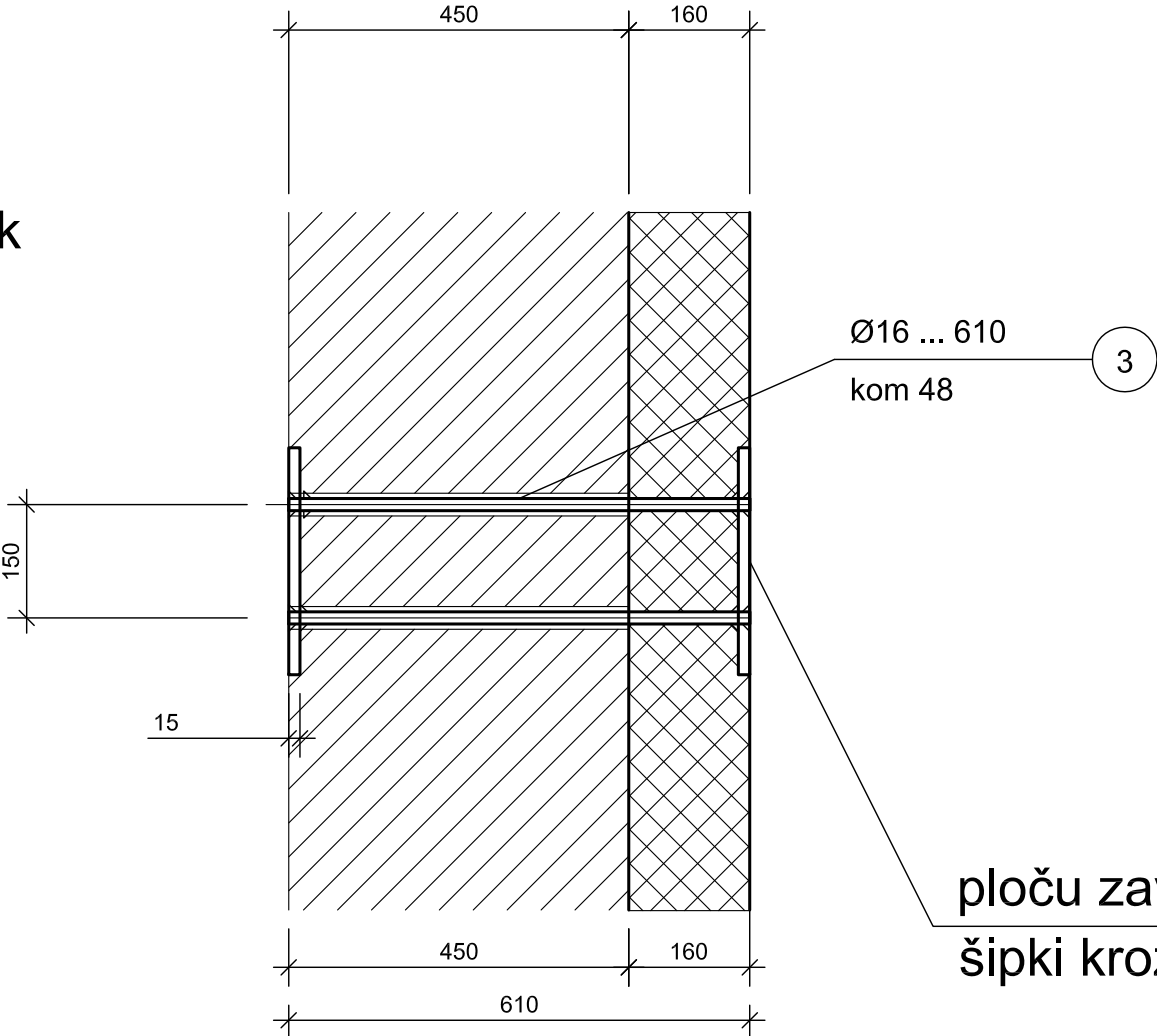
mjere zidova provjeriti u naravi

postojeći betonski zid

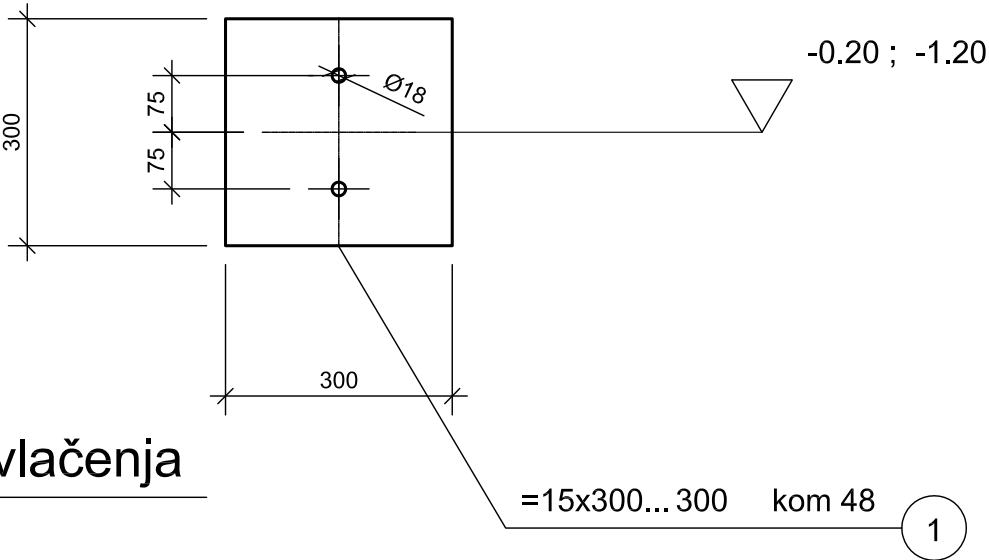
T.D. 984/20	DATUM: 09.2021.	PROJEKTANT: GORDANA VUJNOVIĆ, d.i.g.	RAZRADA:	BROJ PRILOGA: 2-10-02	LIST: 1
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MAX – ING BIRO ZA KONSTRUKCIJE ZAGREB, I.Šibla 9	INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK		
	GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak		
	PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE		
	SADRŽAJ NACRTA	SIDRO S2	MJERILO: 1:10	

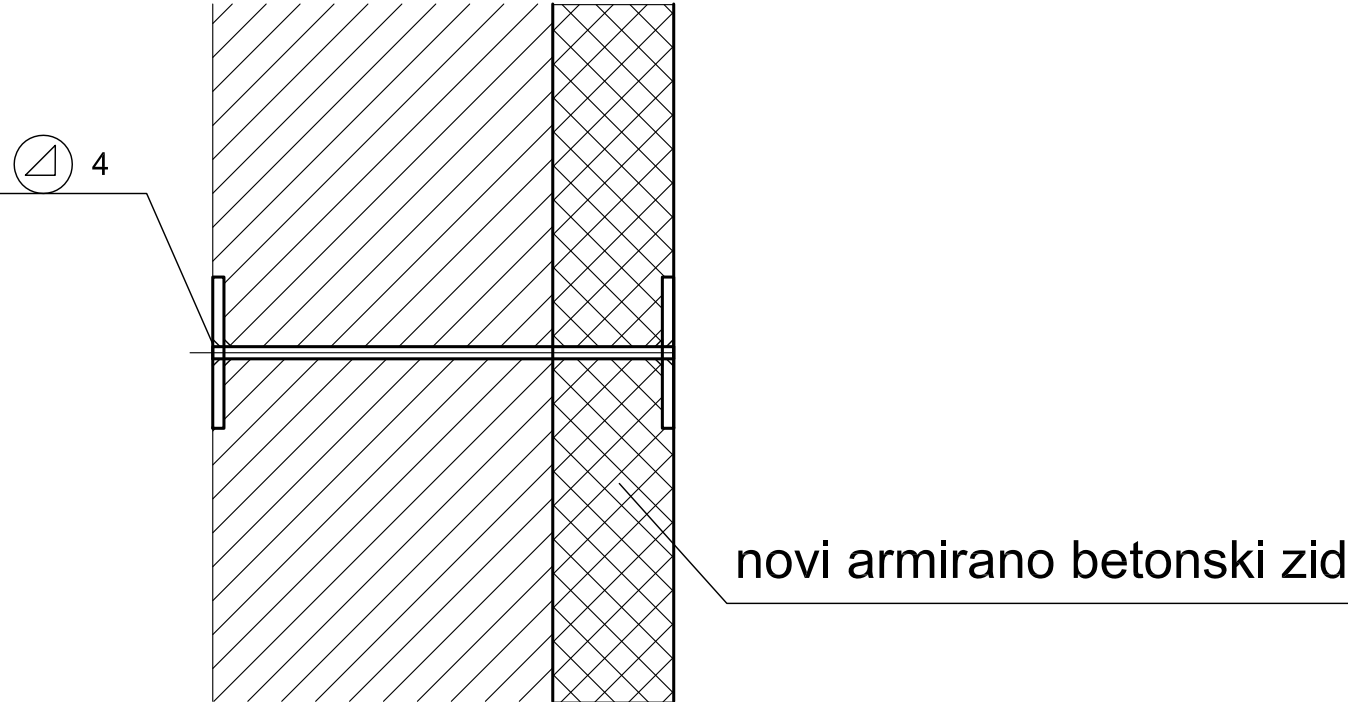
presjek



SIDRO S2 kom 24



tlocrt

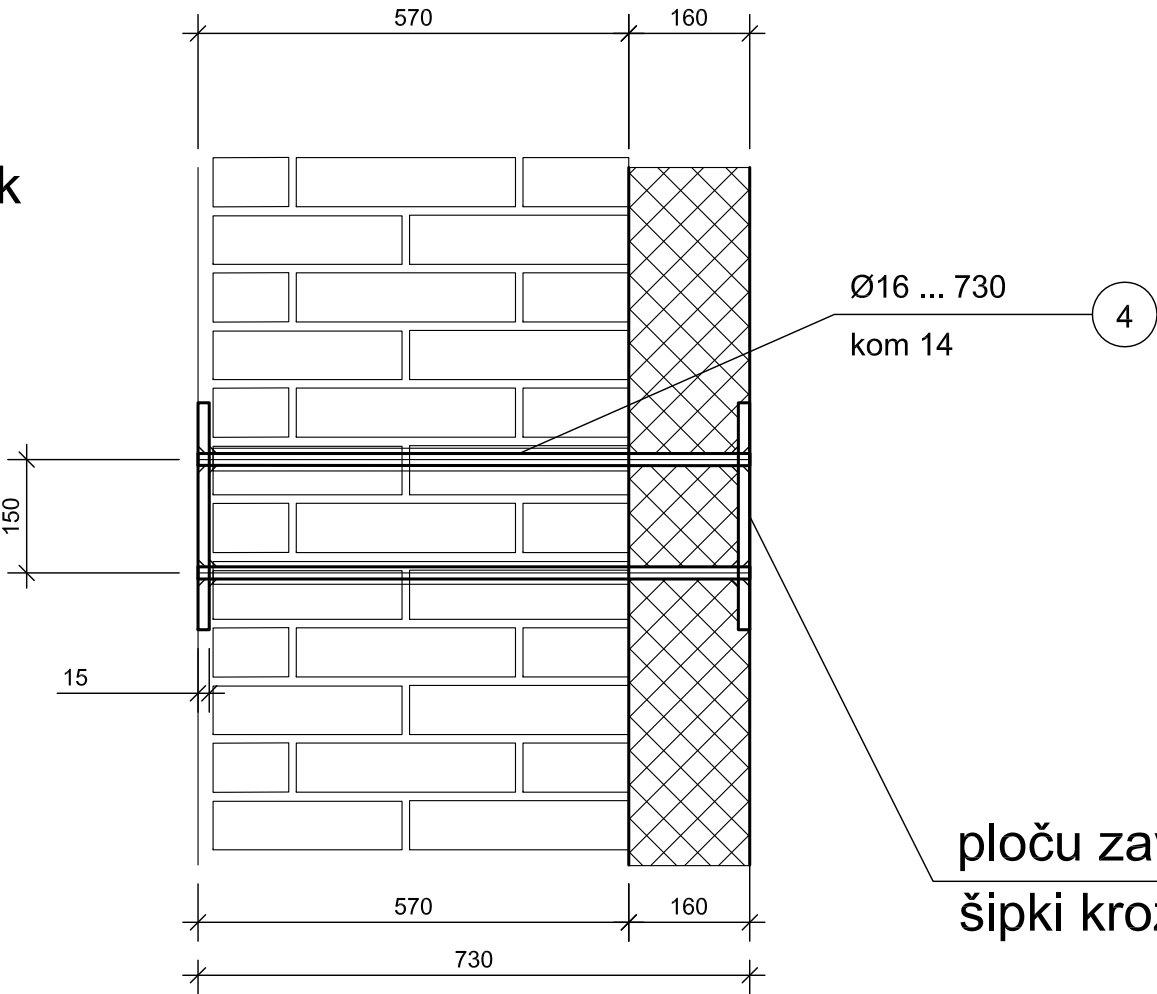


mjere zidova provjeriti u naravi

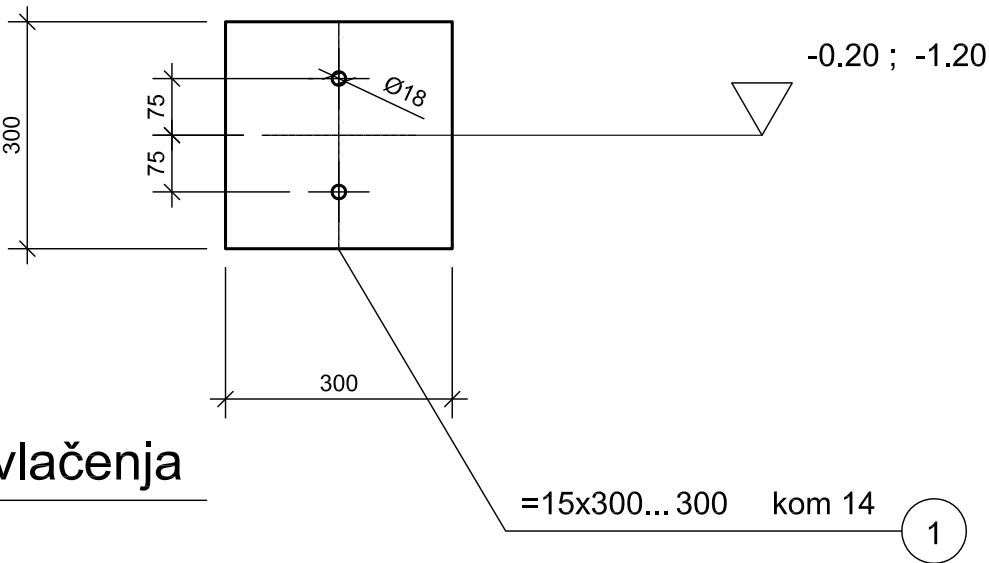
T.D. 984/20	DATUM: 09.2021.	PROJEKTANT: GORDANA VUJNOVIĆ, d.i.g.	RAZRADA:	BROJ PRILOGA: 2-10-02	LIST: 2
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<b>MAX – ING</b> BIRO ZA KONSTRUKCIJE ZAGREB, I.Šibla 9	INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK		
	GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak		
	PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE		
	SADRŽAJ NACRTA	SIDRO S3	MJERILO: 1:10	

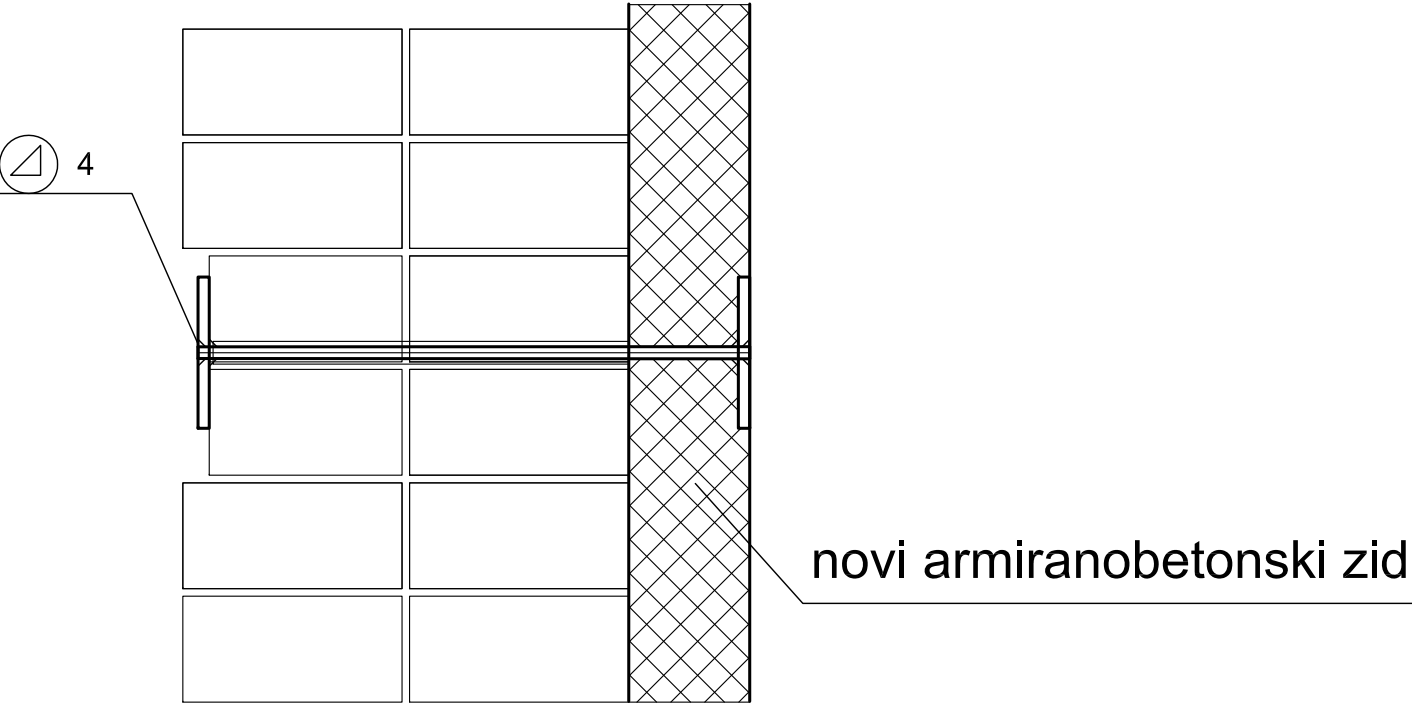
presjek



SIDRO S3 kom 14



tlocrt



postojeći zid od opeke

novi armiranobetonski zid

mjere zidova provjeriti u naravi

T.D. 984/20	DATUM: 09.2021.	PROJEKTANT: GORDANA VUJNOVIĆ, d.i.g.	RAZRADA:	BROJ PRILOGA: 2-10-02	LIST: 3
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## SPECIFIKACIJA MATERIJALA ZA SIDRA U PODRUMU

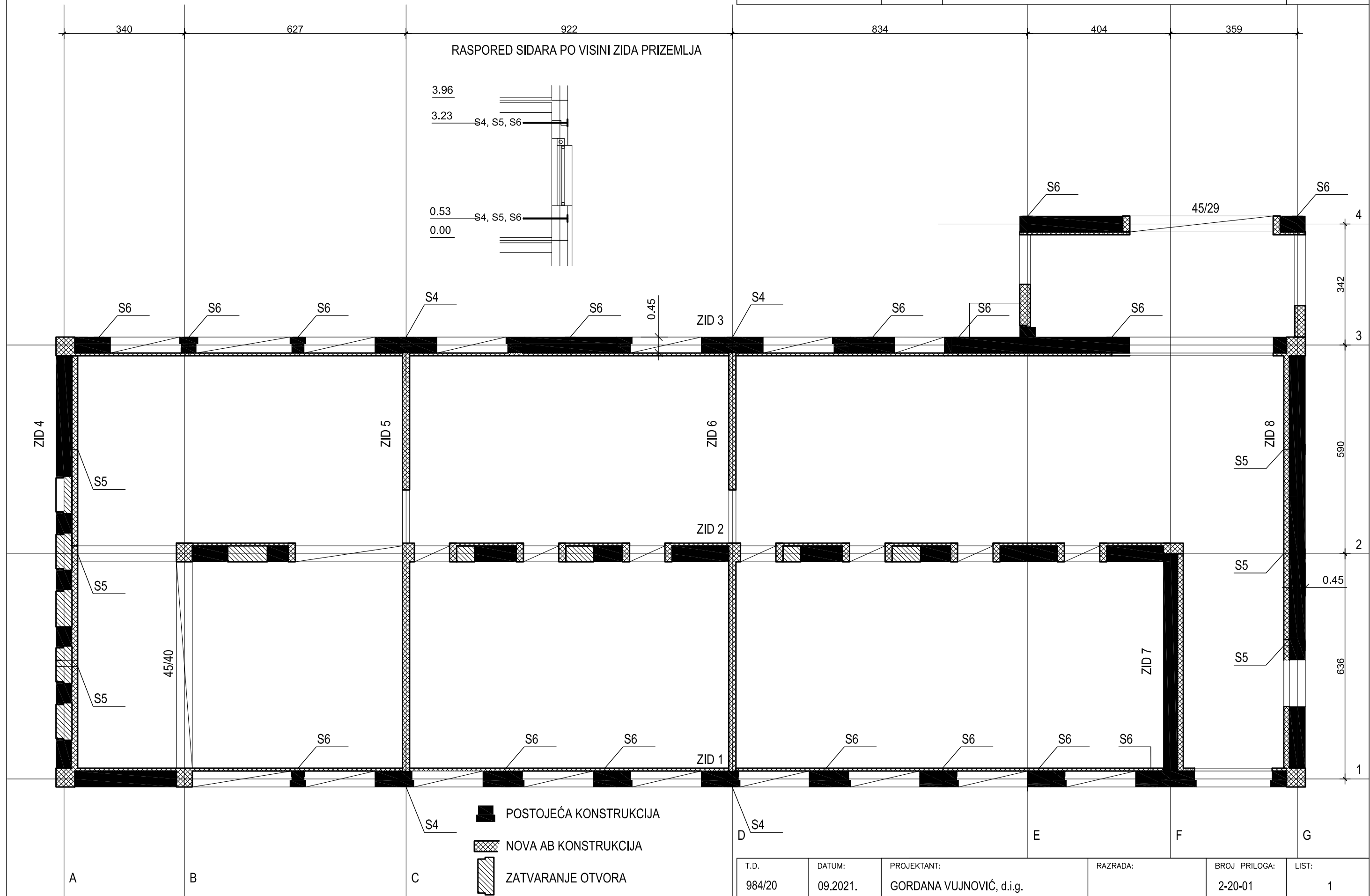
ukupno kom	kg	15
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ukupno kom	kg	<b>23</b>
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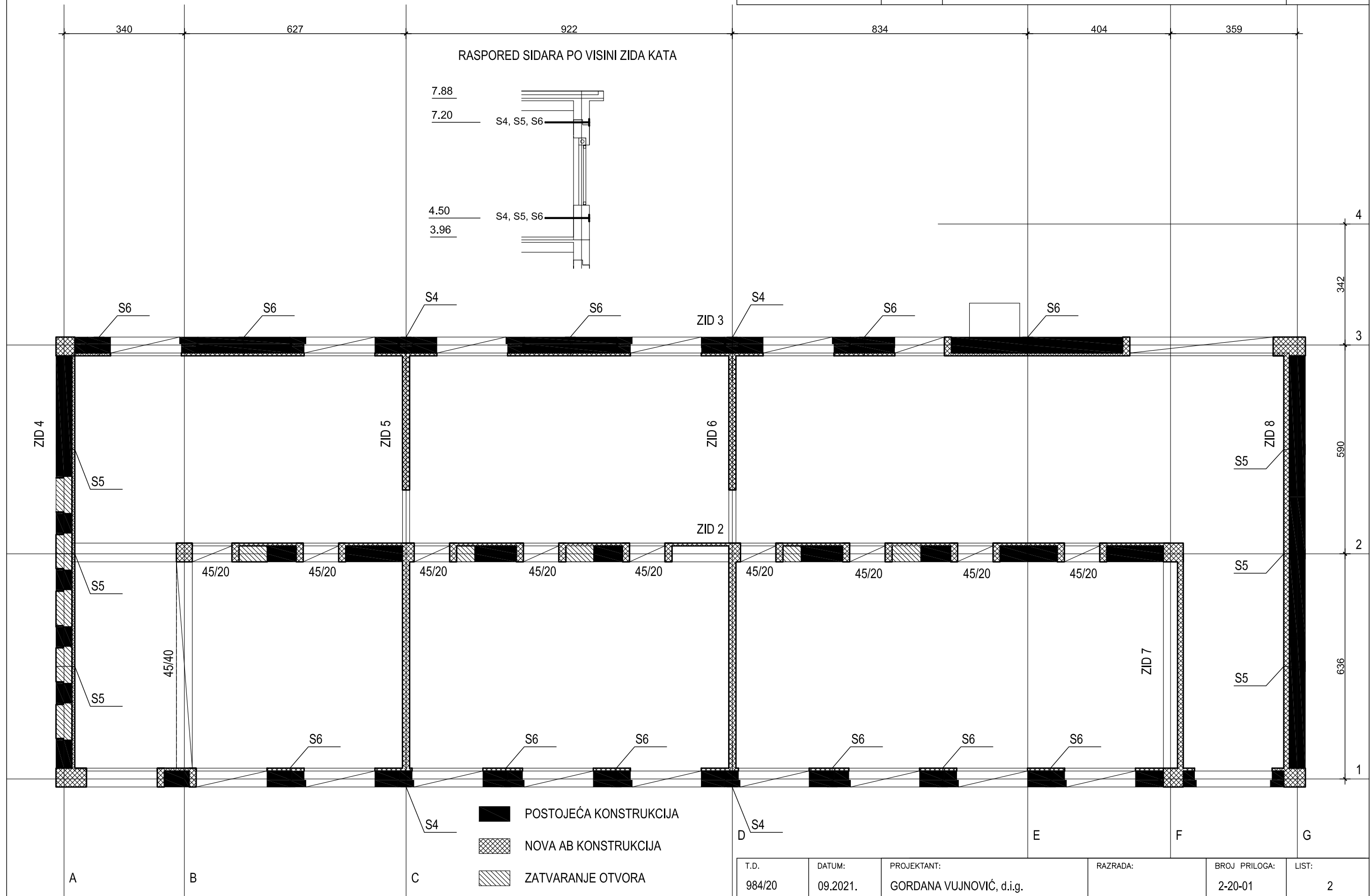
ukupno kom	kg	23
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UKUPNO SIDRA	kg	1233
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INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK	
GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak	
PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE	
SADRŽAJ NACRTA	RASPORED SIDARA U PRIZEMJU	MJERILO: 1:100

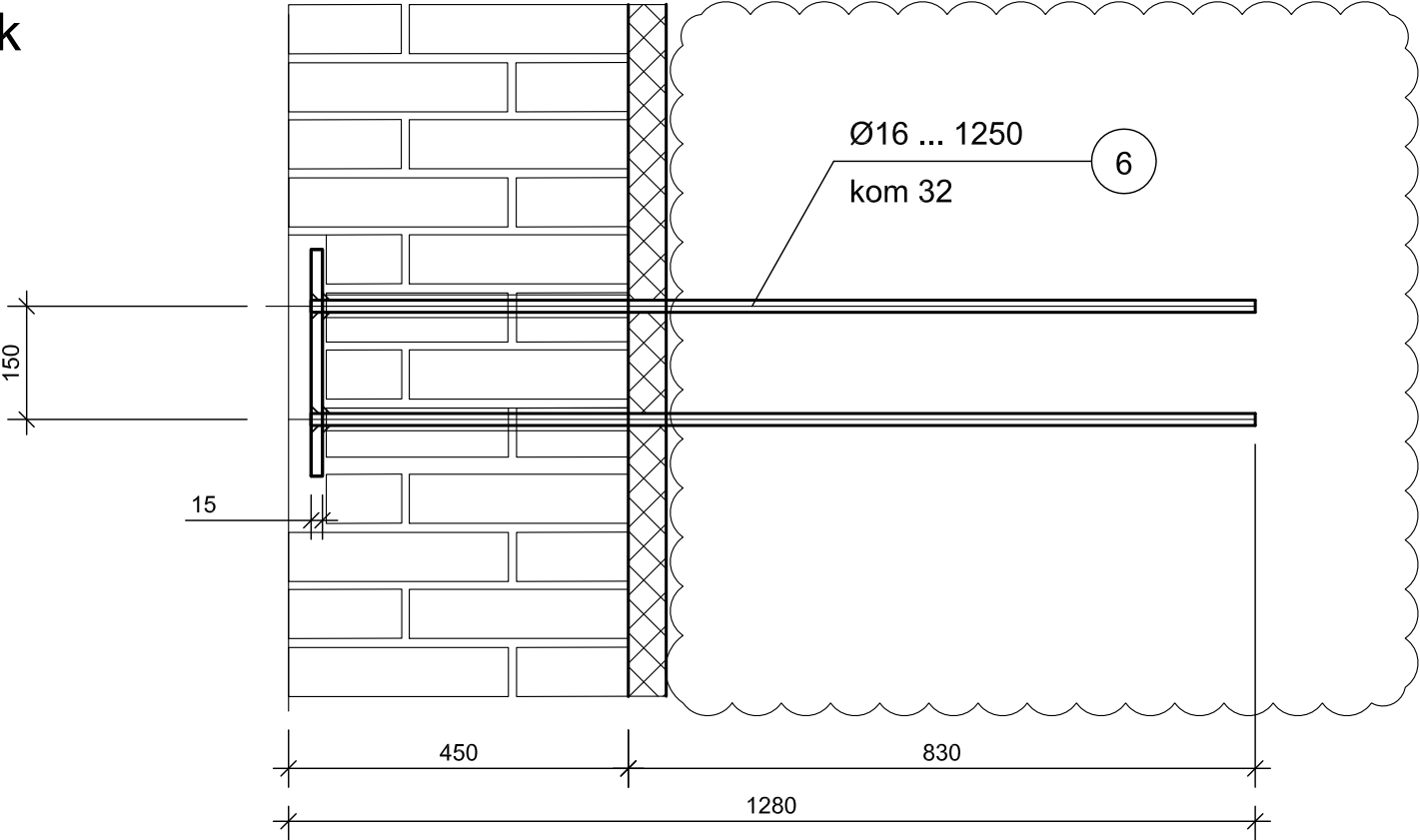


INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK	
GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak	
PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE	
SADRŽAJ NACRTA	RASPORED SIDARA NA KATU	MJERILO: 1:100

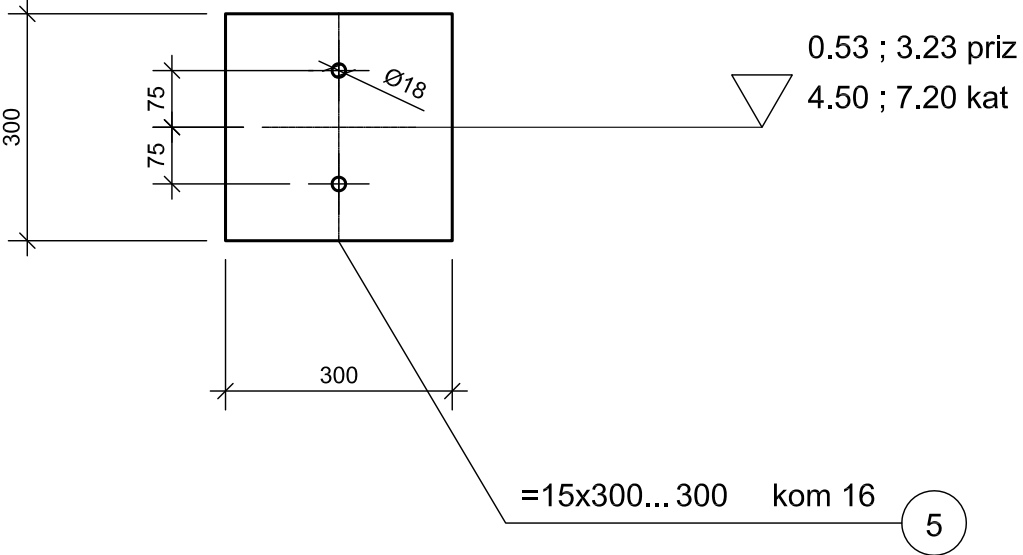


MAX – ING BIRO ZA KONSTRUKCIJE ZAGREB, I.Šibla 9	INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK		
	GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak		
	PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE		
	SADRŽAJ NACRTA	SIDRO S4		MJERILO: 1:10

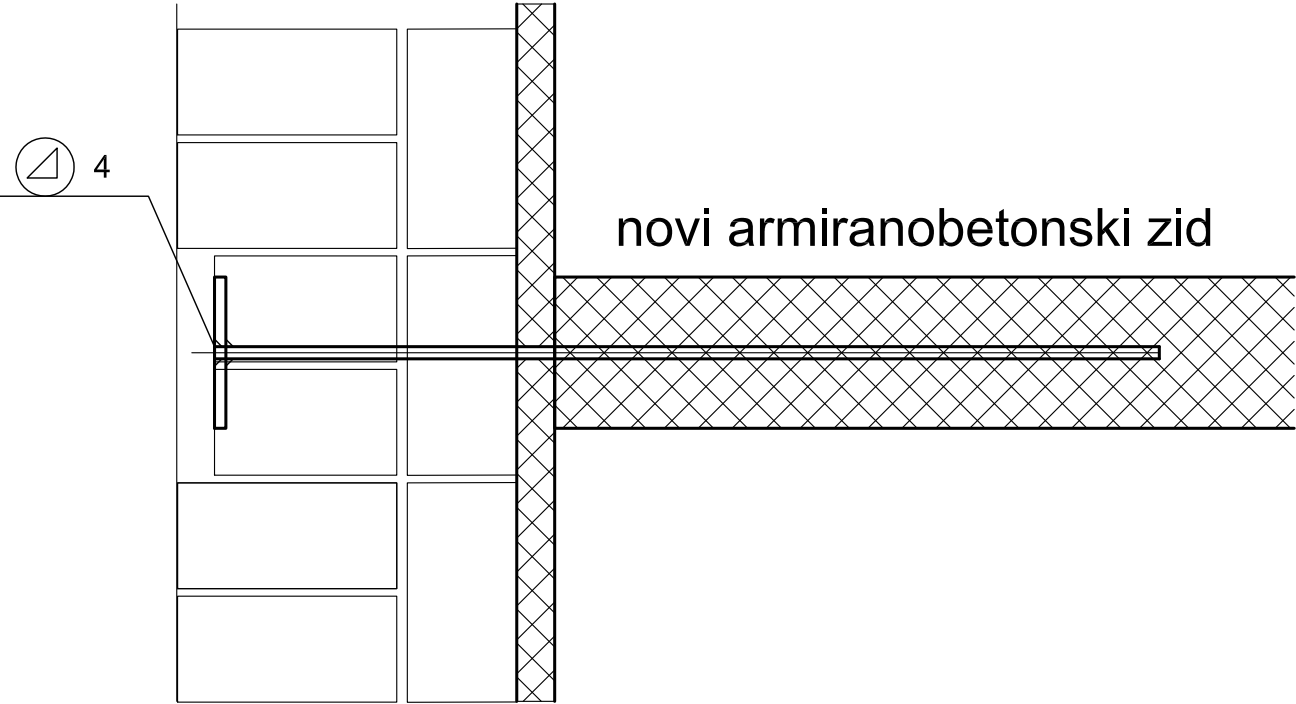
presjek



SIDRO S4 kom 16



tlocrt



postojeći zid od opeke

novi armiranobetonski zid

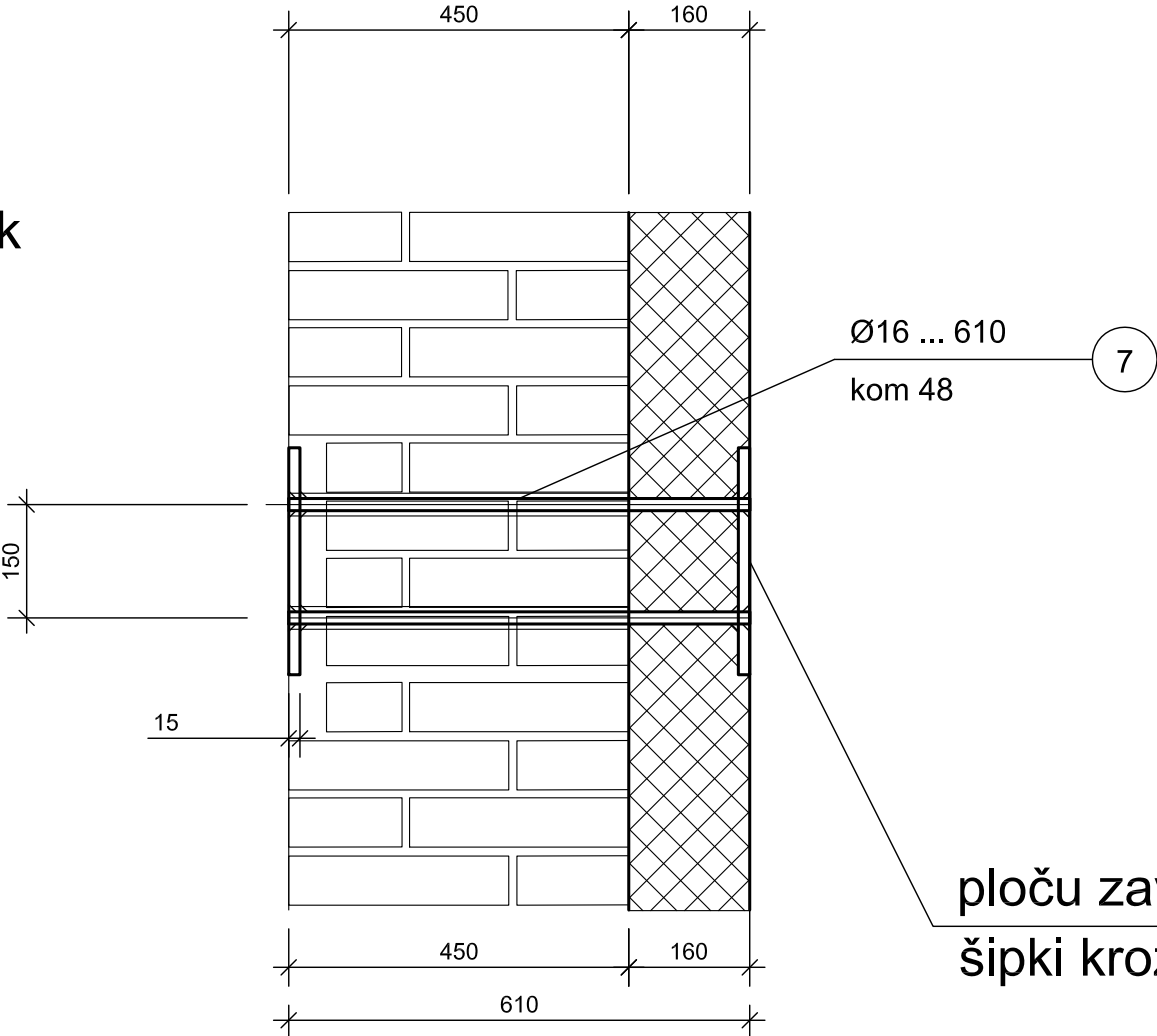
mjere zidova provjeriti u naravi

T.D. 984/20	DATUM: 09.2021.	PROJEKTANT: GORDANA VUJNOVIĆ, d.i.g.	RAZRADA:	BROJ PRILOGA: 2-20-02	LIST: 1
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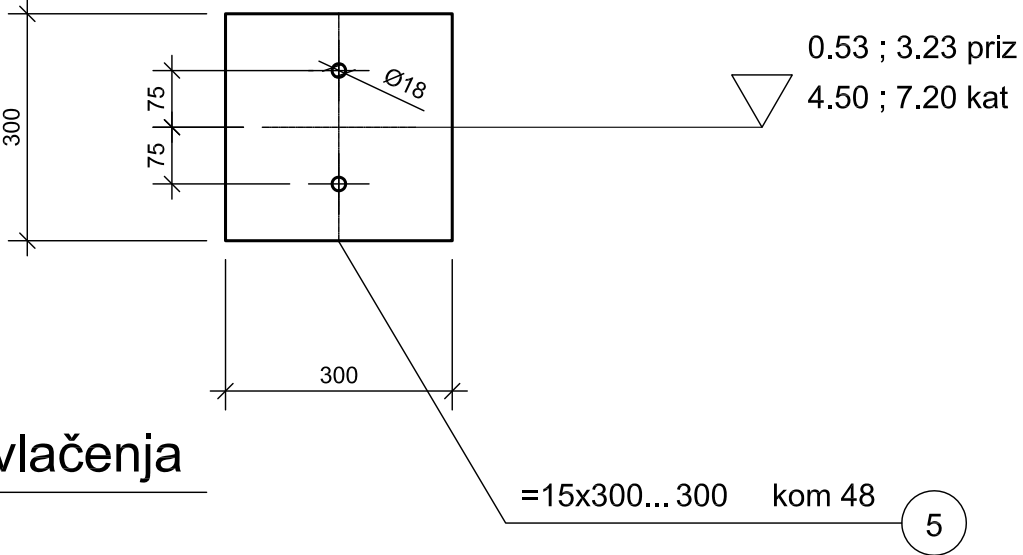


<b>MAX – ING</b> BIRO ZA KONSTRUKCIJE ZAGREB, I.Šibla 9	INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK		
	GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak		
	PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE		
	SADRŽAJ NACRTA	SIDRO S5		MJERILO: 1:10

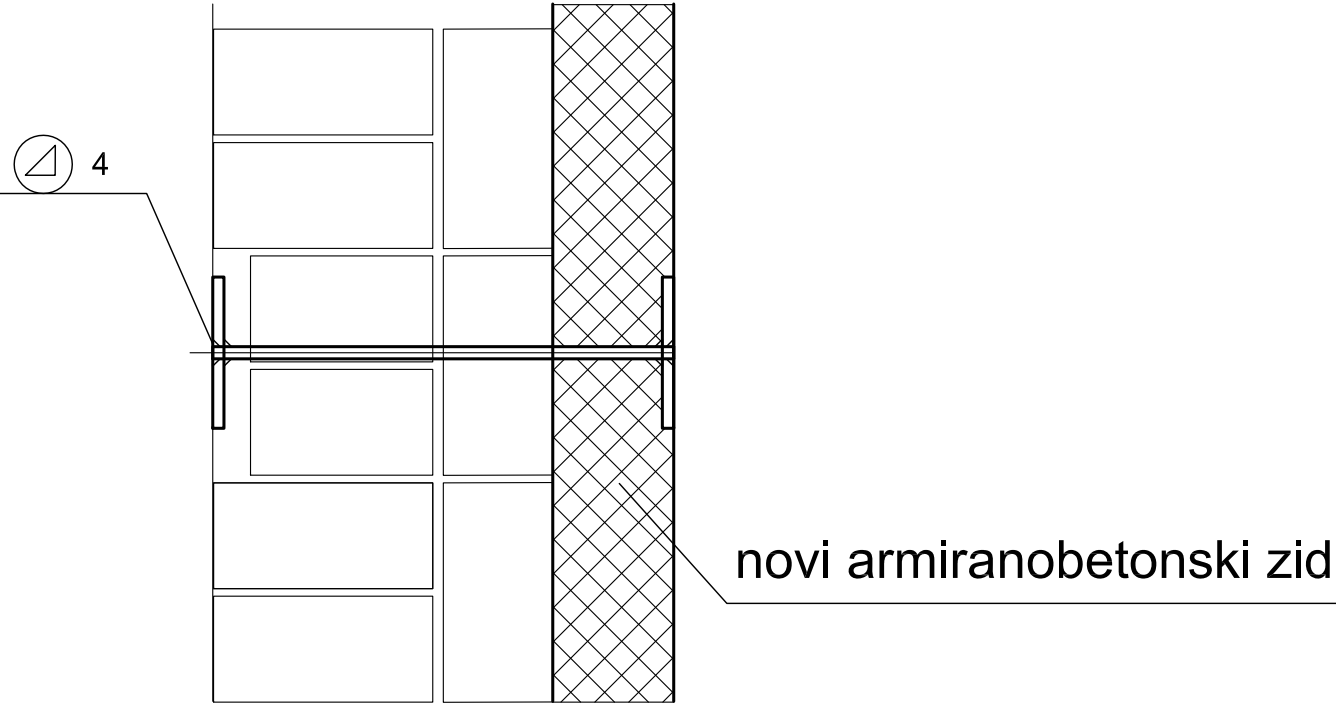
presjek



SIDRO S5 kom 24



tlocrt



postojeći zid od opeke

novi armiranobetonski zid

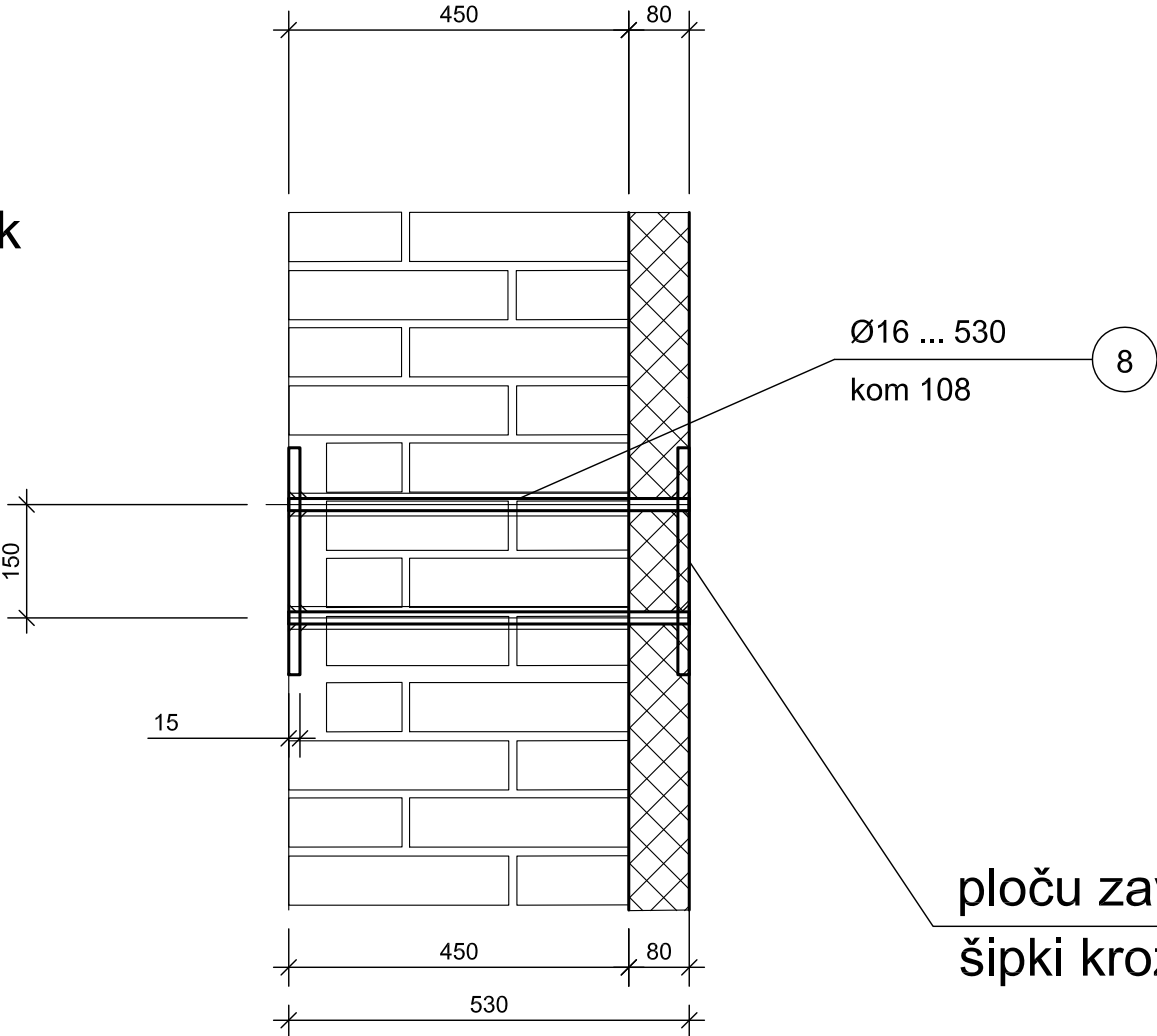
ploču zavariti nakon provlačenja  
šipki kroz zid

mjere zidova provjeriti u naravi

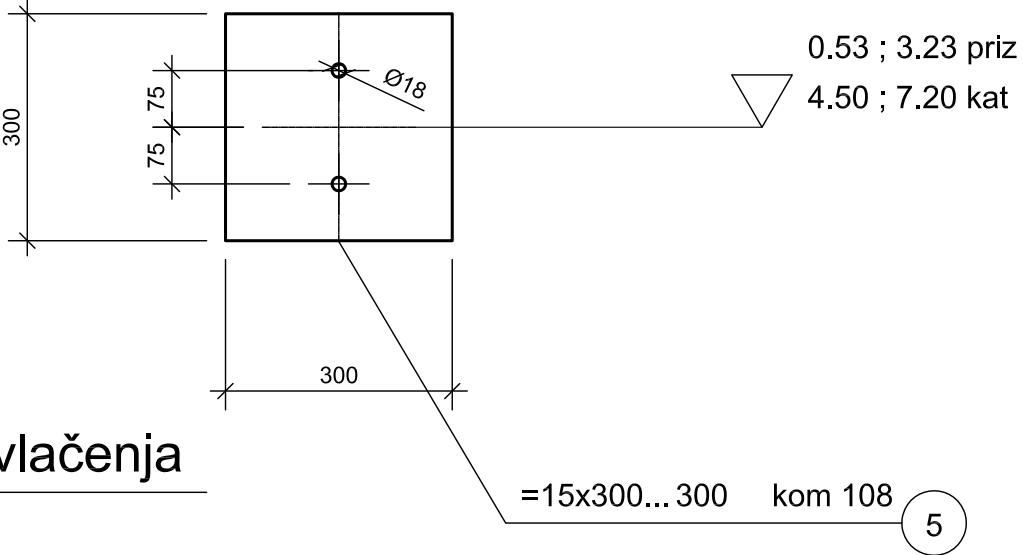
T.D. 984/20	DATUM: 09.2021.	PROJEKTANT: GORDANA VUJNOVIĆ, d.i.g.	RAZRADA: 2-20-02	BROJ PRILOGA:	LIST: 2
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<b>MAX – ING</b> BIRO ZA KONSTRUKCIJE ZAGREB, I.Šibla 9	INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK		
	GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak		
	PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE		
	SADRŽAJ NACRTA	SIDRO S6		MJERILO: 1:10

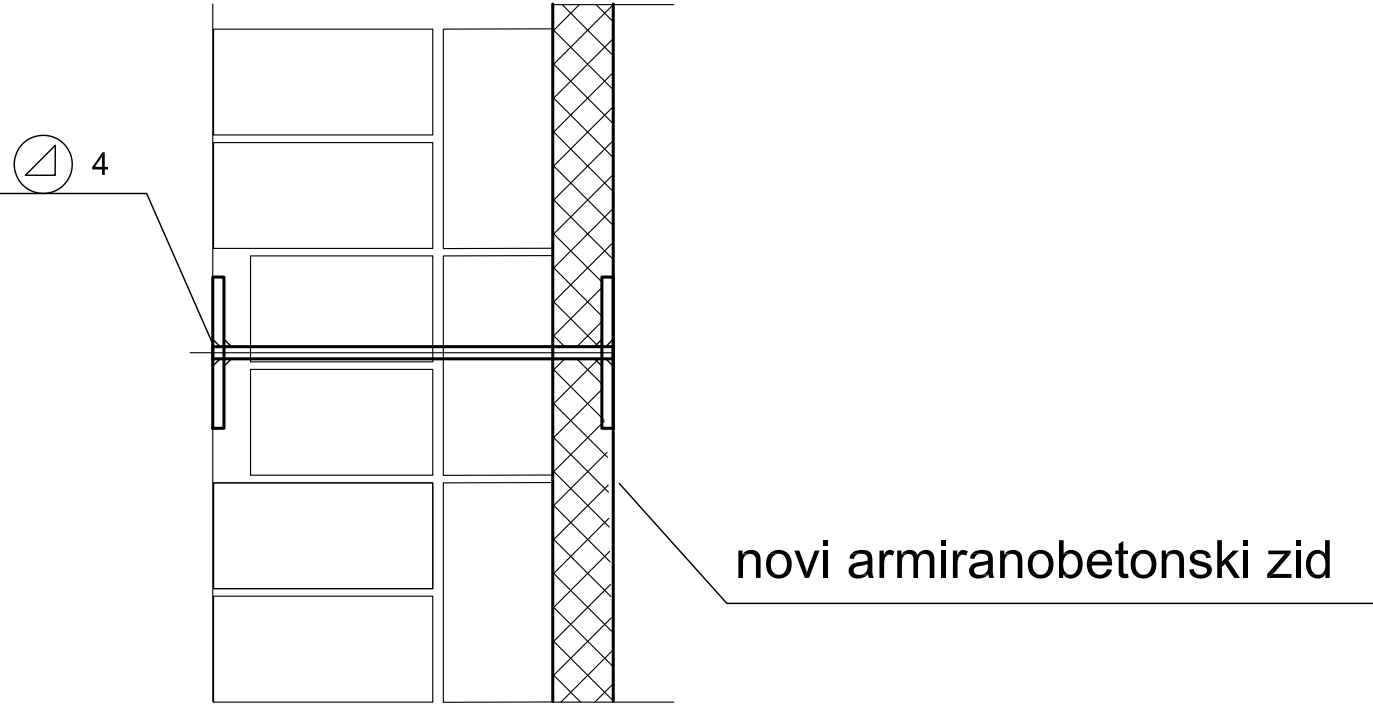
presjek



SIDRO S6 kom 54



tlocrt



postojeći zid od opeke

mjere zidova provjeriti u naravi

T.D. 984/20	DATUM: 09.2021.	PROJEKTANT: GORDANA VUJNOVIĆ, d.i.g.	RAZRADA: 2-20-02	BROJ PRILOGA:	LIST: 3
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## UČENIČKI DOM

### SPECIFIKACIJA MATERIJALA ZA SIDRA U PRIZEMLJU I KATU

SIDRO		S4	kom		16	kg	233
prilog	2-20-02	LIST	1				
pozicija	profil	materijal	dužina mm	kom.	j.tež. kg/m	tež/kom kg/kom	težina kg
5	=300X15	S235JR	300	1	35,33	10,6	11
6	φ16	S235JR	1250	2	1,58	2,0	4

ukupno kom kg 15

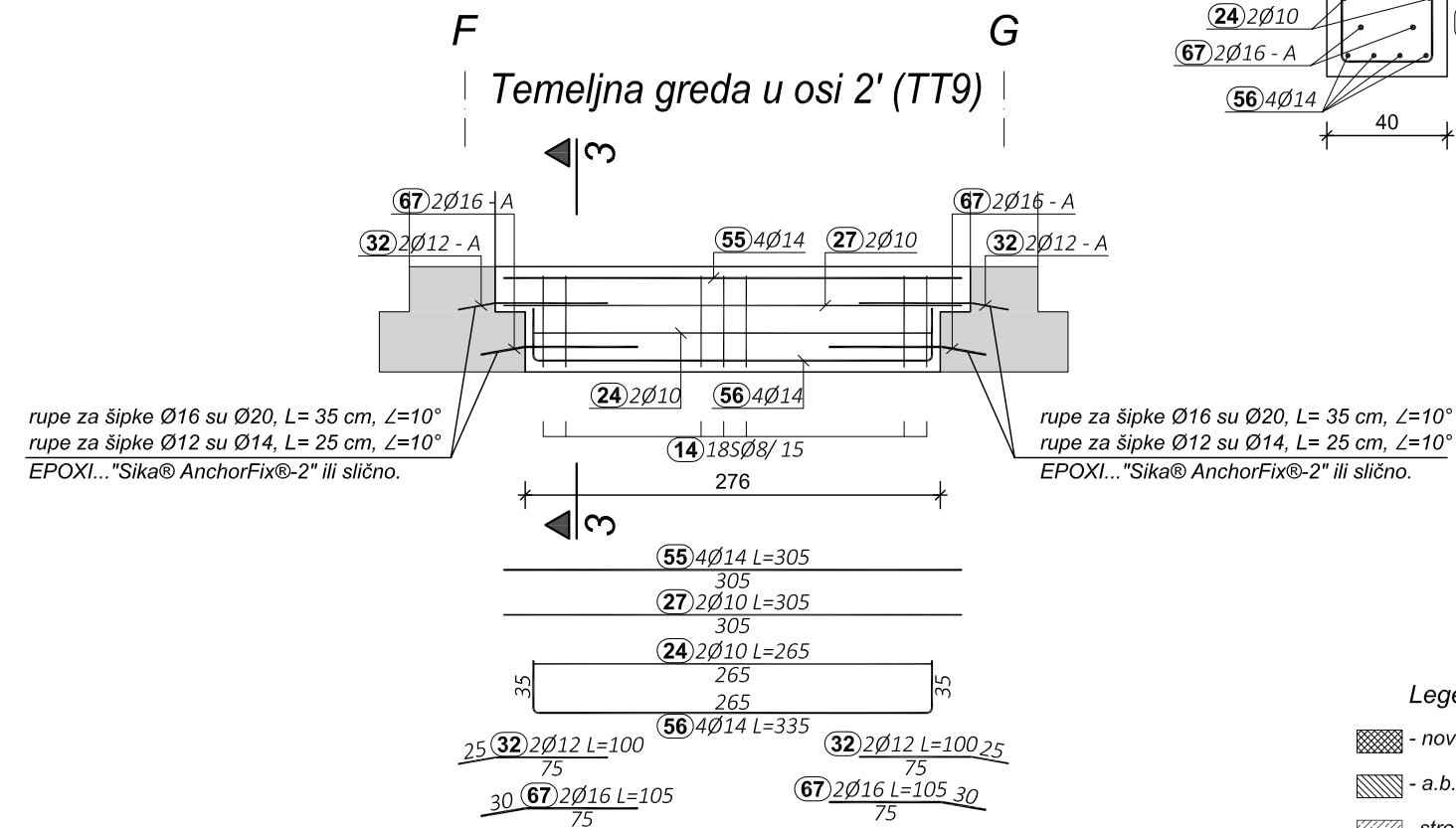
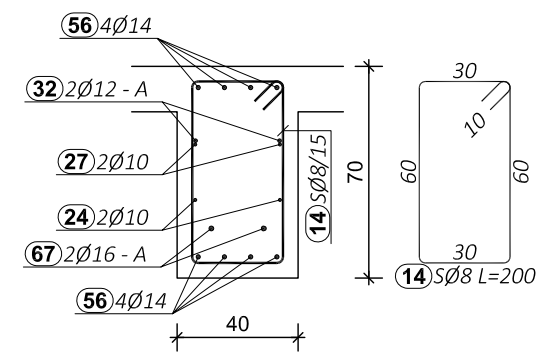
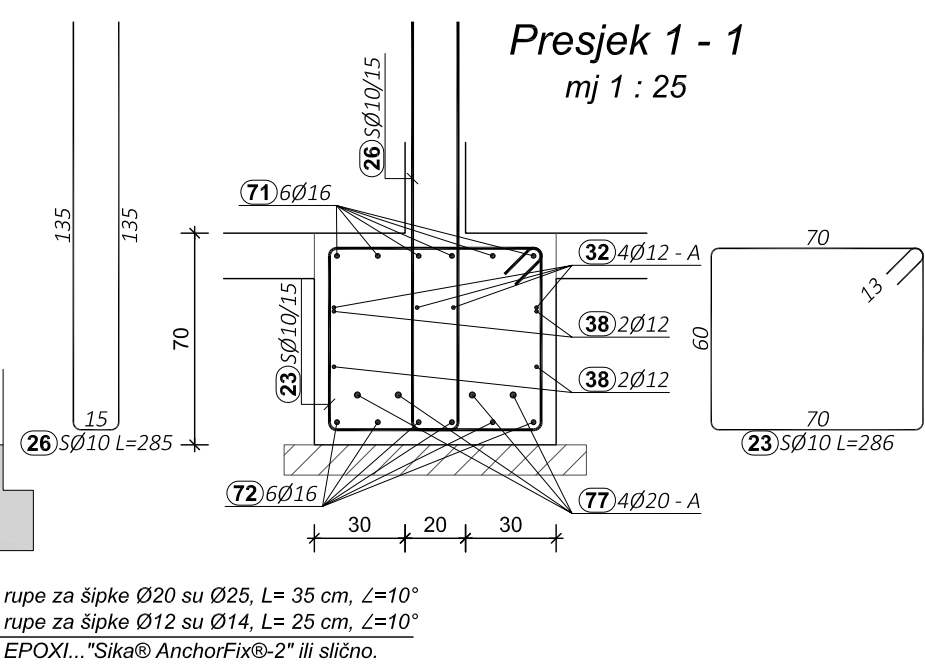
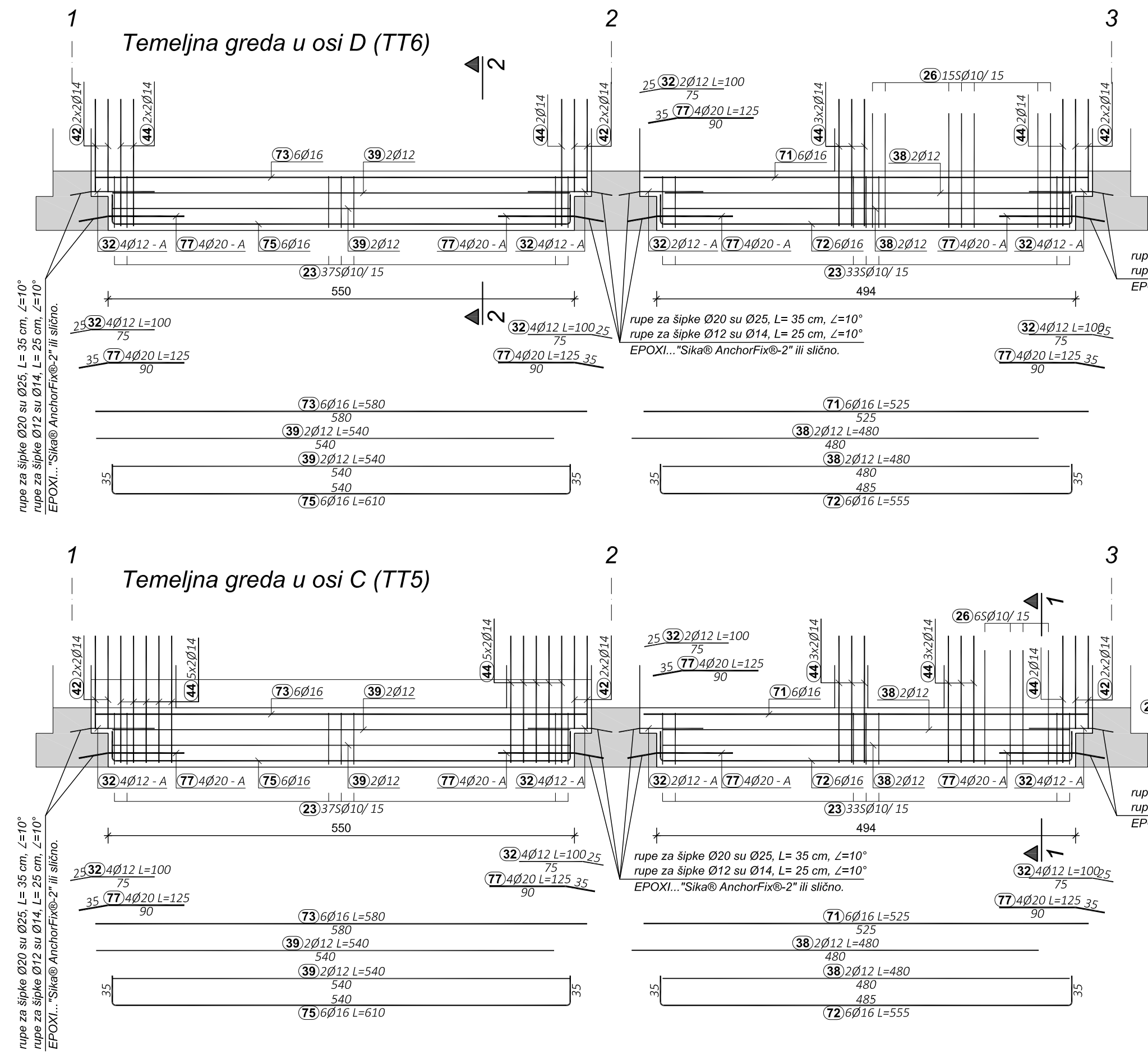
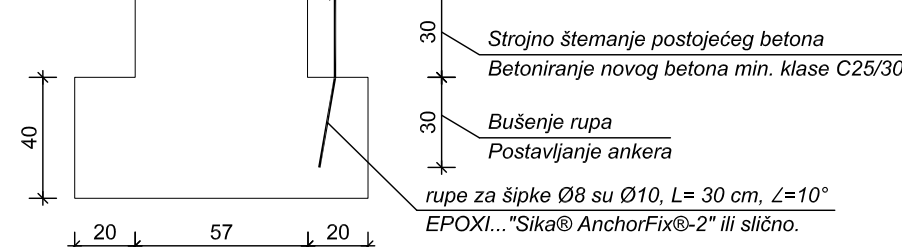
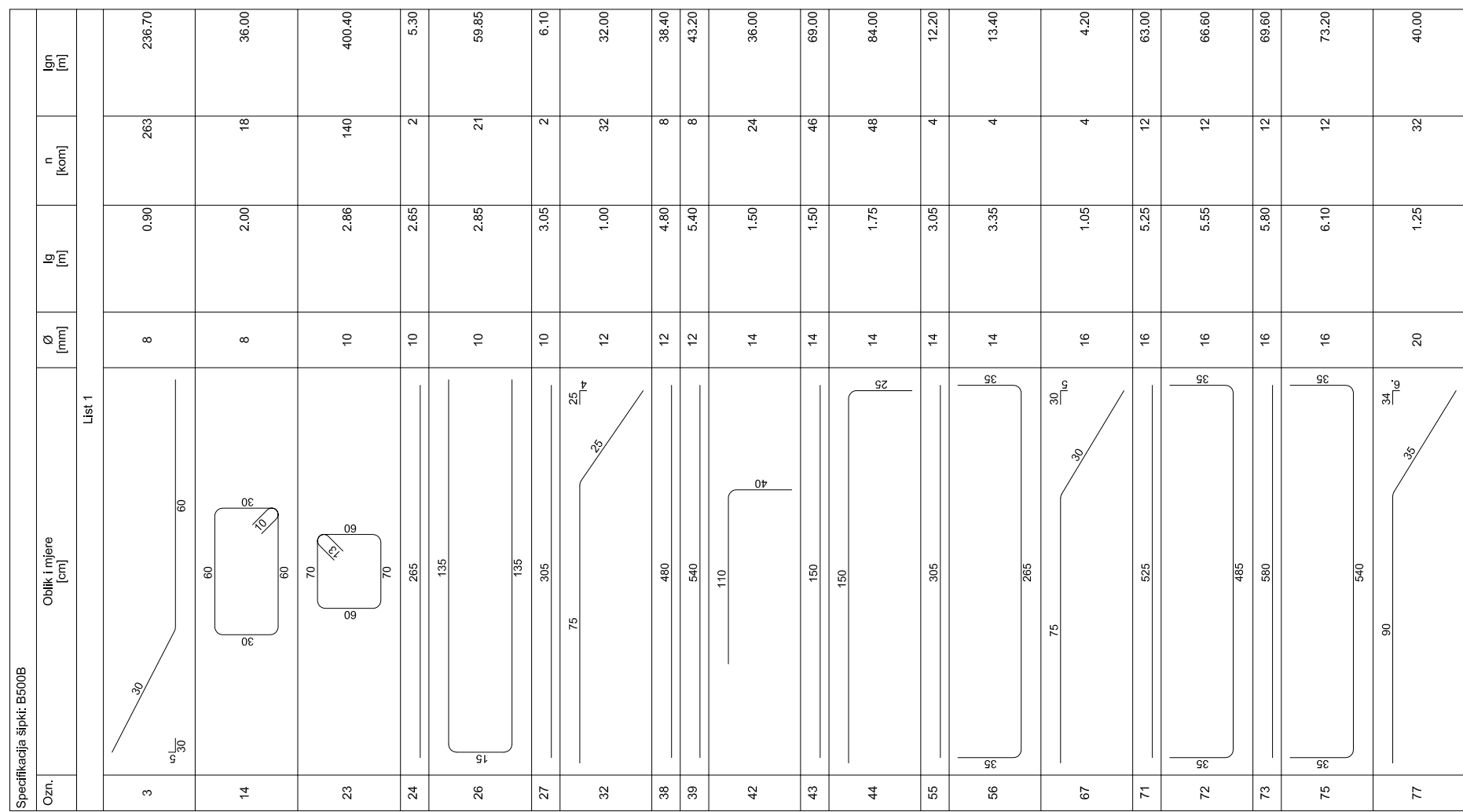
SIDRO		S5	kom		24	kg	555
prilog	2-20-02	LIST	2				
pozicija	profil	materijal	dužina mm	kom.	j.tež. kg/m	tež/kom kg/kom	težina kg
5	=300X15	S235JR	300	2	35,33	10,6	21
7	φ16	S235JR	610	2	1,58	1,0	2





ukupno kom kg 23

SIDRO		S6	kom		54	kg	1235
prilog	2-20-02	LIST	3				
pozicija	profil	materijal	dužina mm	kom.	j.tež. kg/m	tež/kom kg/kom	težina kg
5	=300X15	S235JR	300	2	35,33	10,6	21
8	φ16	S235JR	530	2	1,58	0,8	2

ukupno kom kg 23

UKUPNO SIDRA PRIZEMLJA I KATA					kg	2022
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- Legenda**
-  - novi a.b nadtemelji, zidovi, stupovi i v.s. podruma
  -  - a.b. zatvaranje otvora u zidovima podrumu
  -  - strojno štetanje postojećeg betona, demontaža donjih dijelova postojećeg zida
  -  - postojeći zidovi podruma
- A - ankeri

<b>KLASA BETONA:</b> C 25/30 <b>VRSTA ČELIKA:</b> Šipke: B500B..... (Bet 500/550; RA 500/550) Mreže: B500A(B).... (Bet 500/550; RA 500/550) <b>RAZRED IZLOŽENOSTI:</b> XC2 <b>RAZRED KONZISTENCije:</b> S4	<b>ZAŠTITNI SLOJEVI:</b> DONJA ZONA C <sub>ve</sub> = 5,0 cm GORNJA ZONA C <sub>ve</sub> = 5,0 cm BOČNO C <sub>ve</sub> = 5,0 cm
--	--

2			
1			
Revizija br.:	Datum:	Napomena:	Potpis:

**MAX-ING d.o.o.**  
Biro za konstrukcije  
Zagreb, Ivana Šibla 9

INVESTITOR:  
SISAČKO - MOSLAVAČKA ŽUPA  
Stjepana i Antuna Radića 36,  
44000 Sisak, OIB: 82215698659

GRAĐEVINA:  
REKONSTRUKCIJA STRUKOVN  
ŠKOLE SISAK - PRENAMJENA  
U UČENIČKI DOM

LOKACIJA:  
Lađarska 1, 44000 Sisak,  
k.č.br. 321, k.o. Novi Sisak

SADRŽAJ:  
TEMELJNE GREDE, TEMELJNI ANKERI

Glavni projektant:	Želimir Vujnović, dipl.ing.arh.
Projektant konstrukcije:	Gordana Vujnović, dipl.ing.građ.
Izradio:	Elvis Oblak, struč.spec.ing.aedif.
Suradnik:	
Direktor:	Želimir Frančisković, dipl.ing.građ.

FAZA:

GRAĐEVINSKI PROJEKT -

Z.O.P.:	T.D.:
321	984/20
NOVI SISAK	

DATUM:	MJERILO:
09/2021	1:50

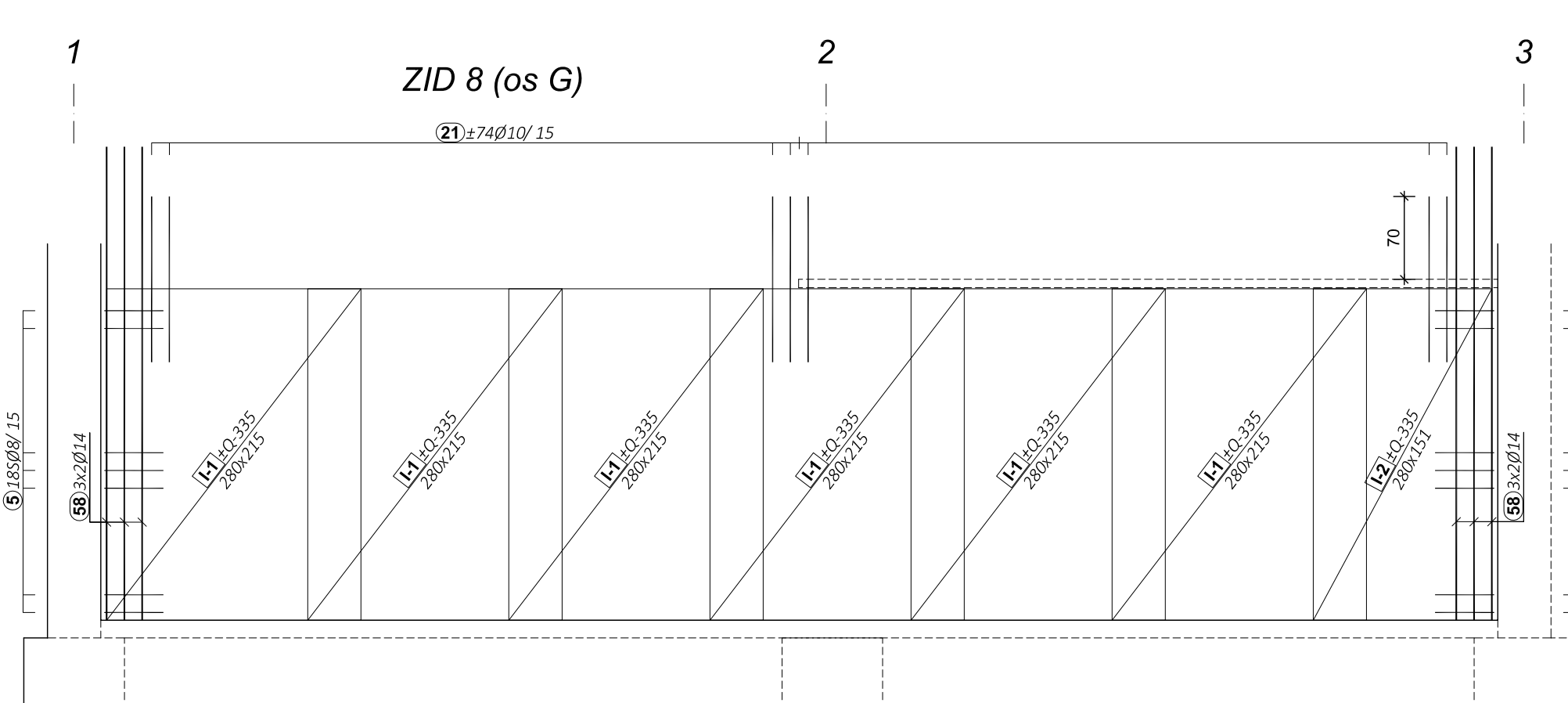
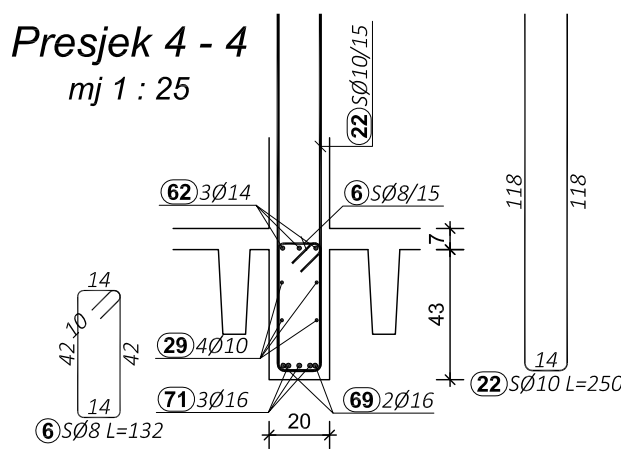
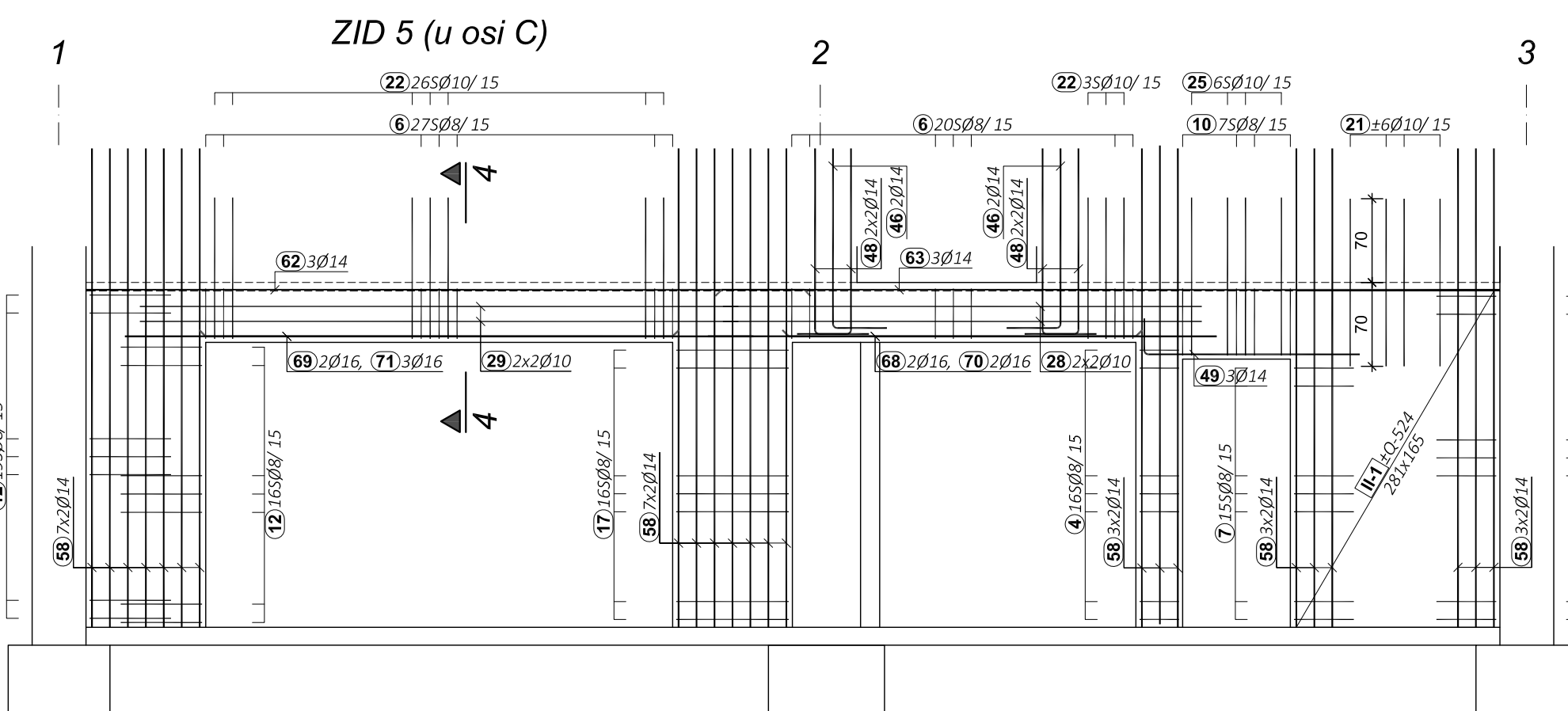
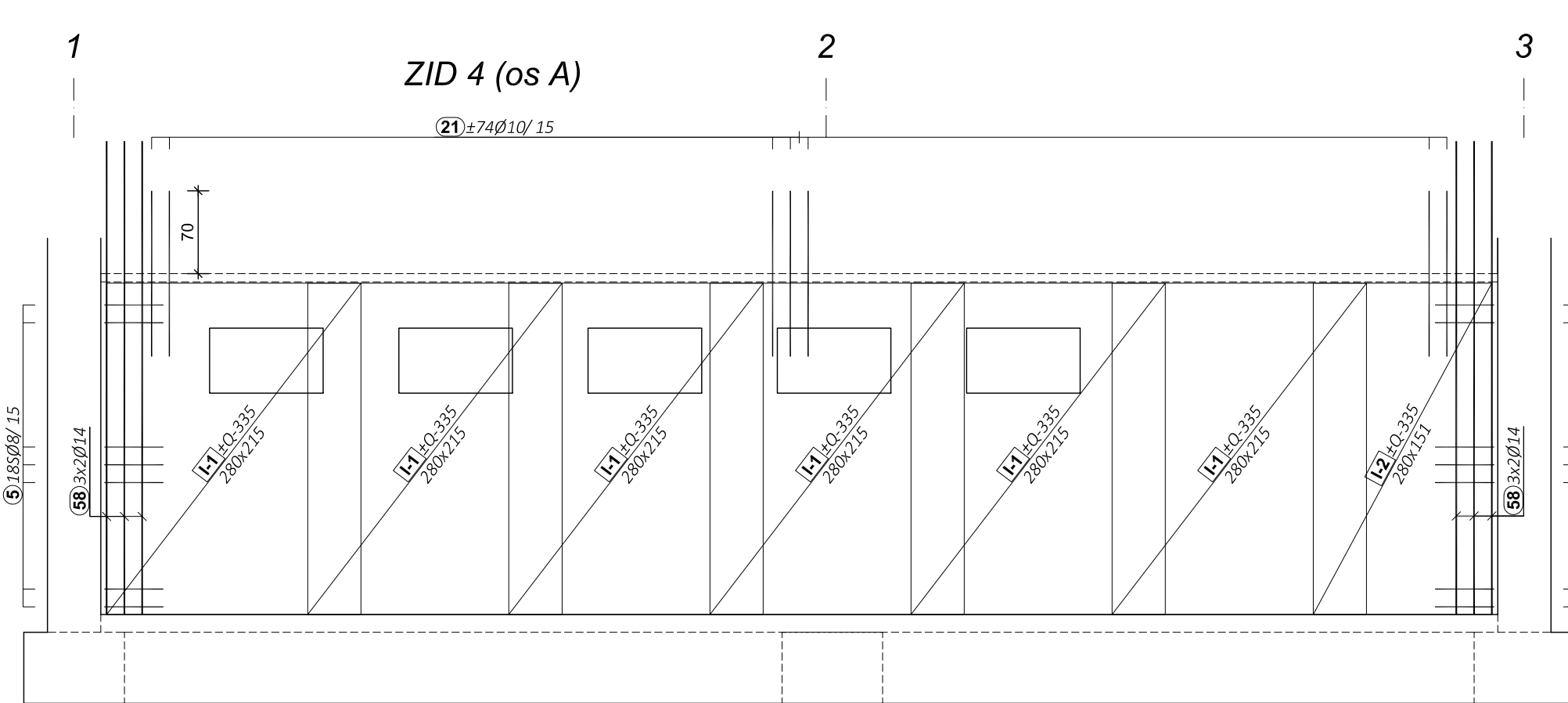
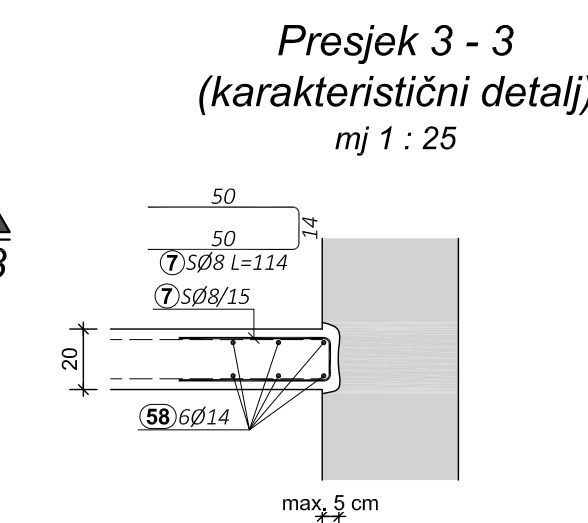
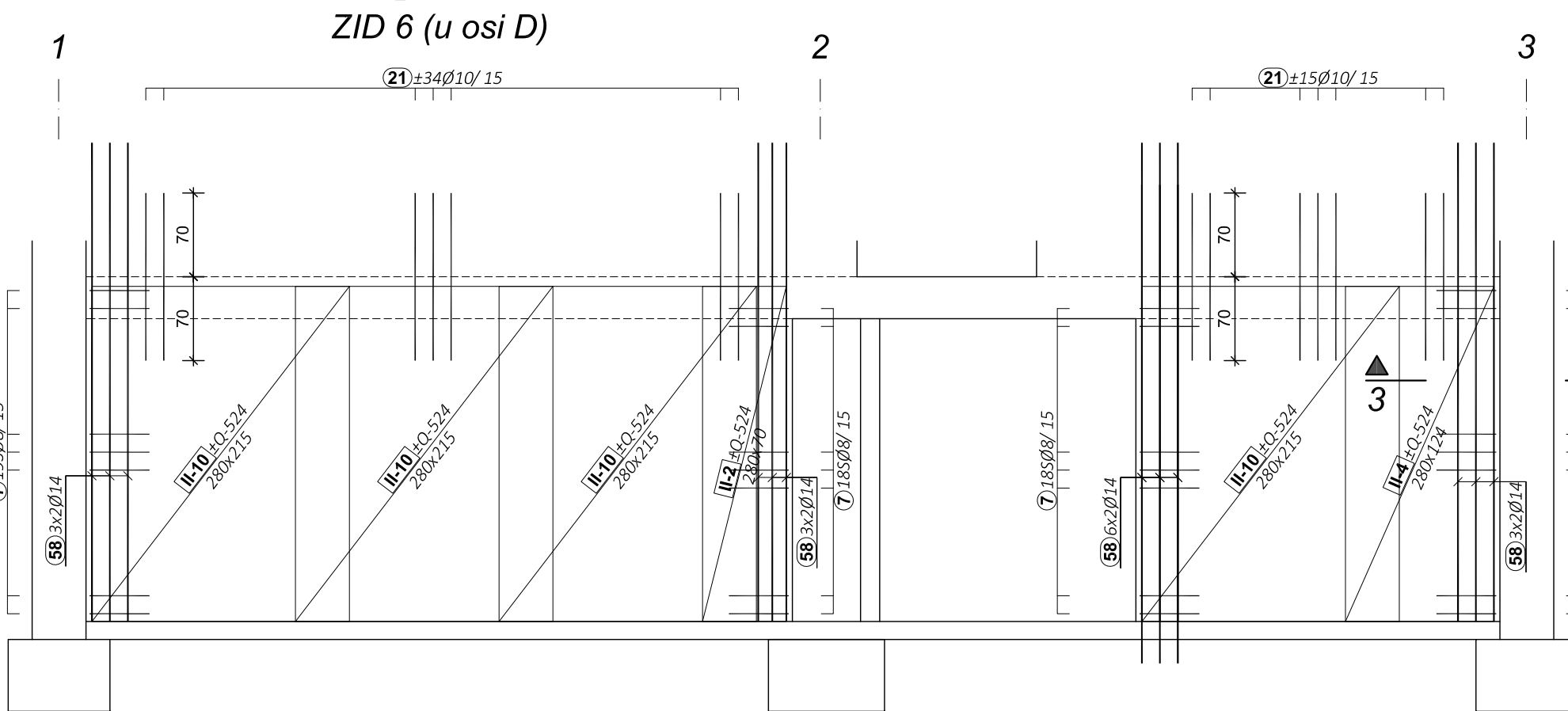
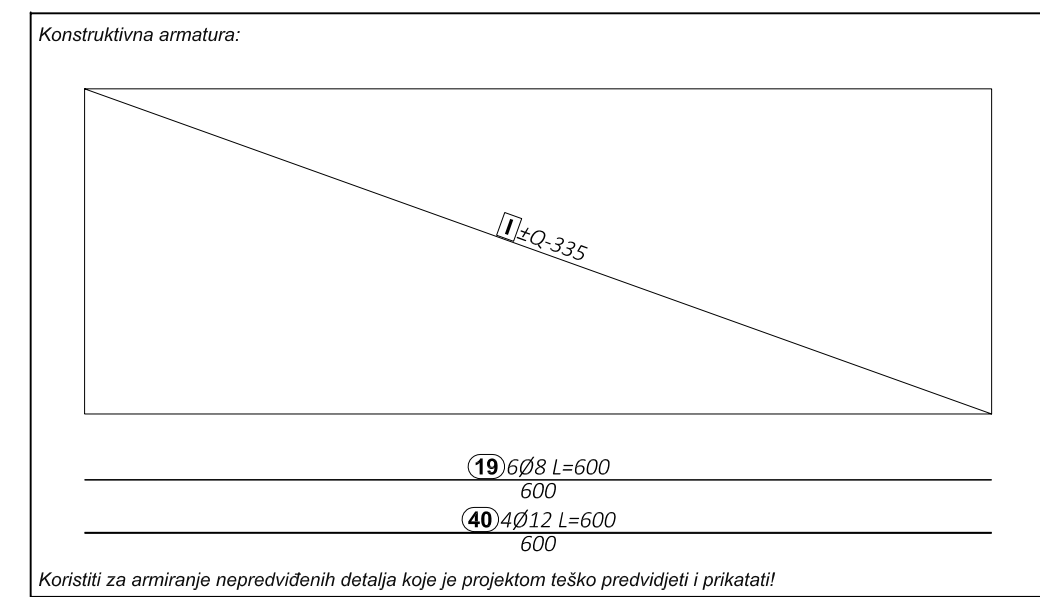
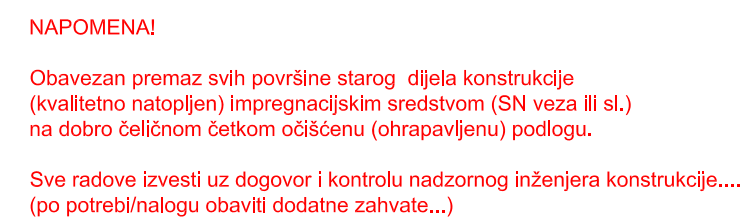
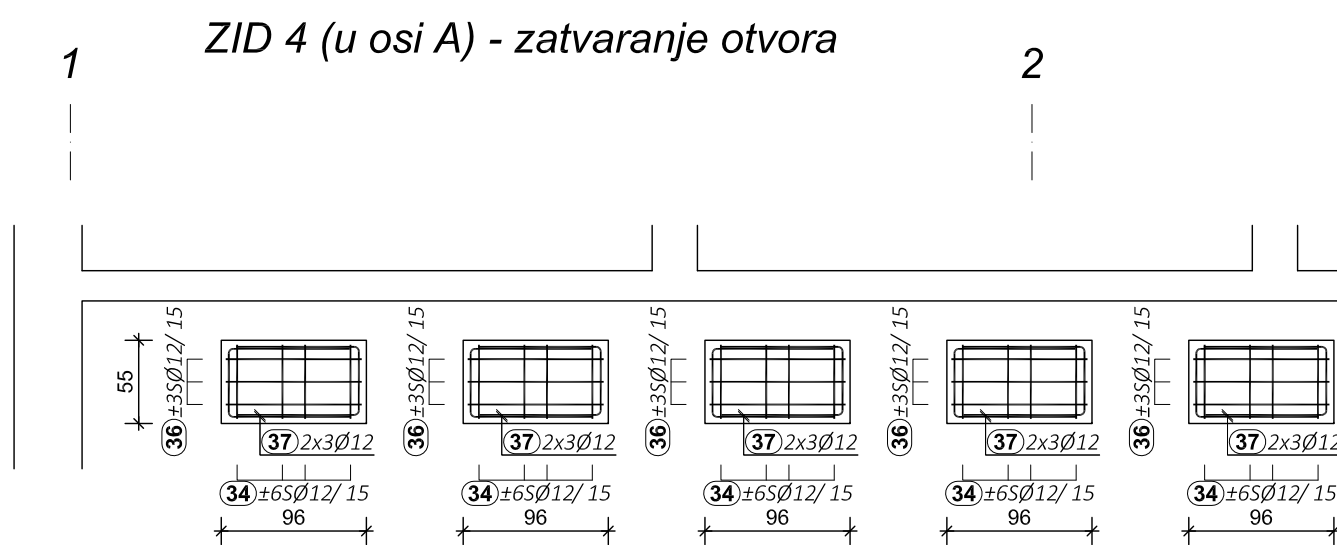
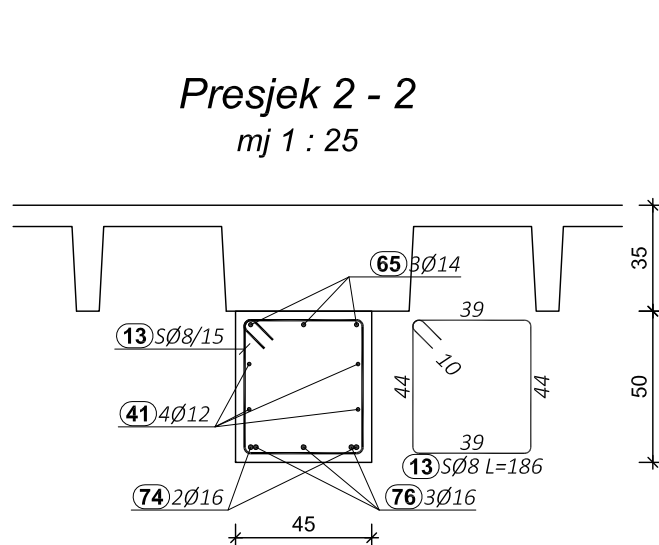
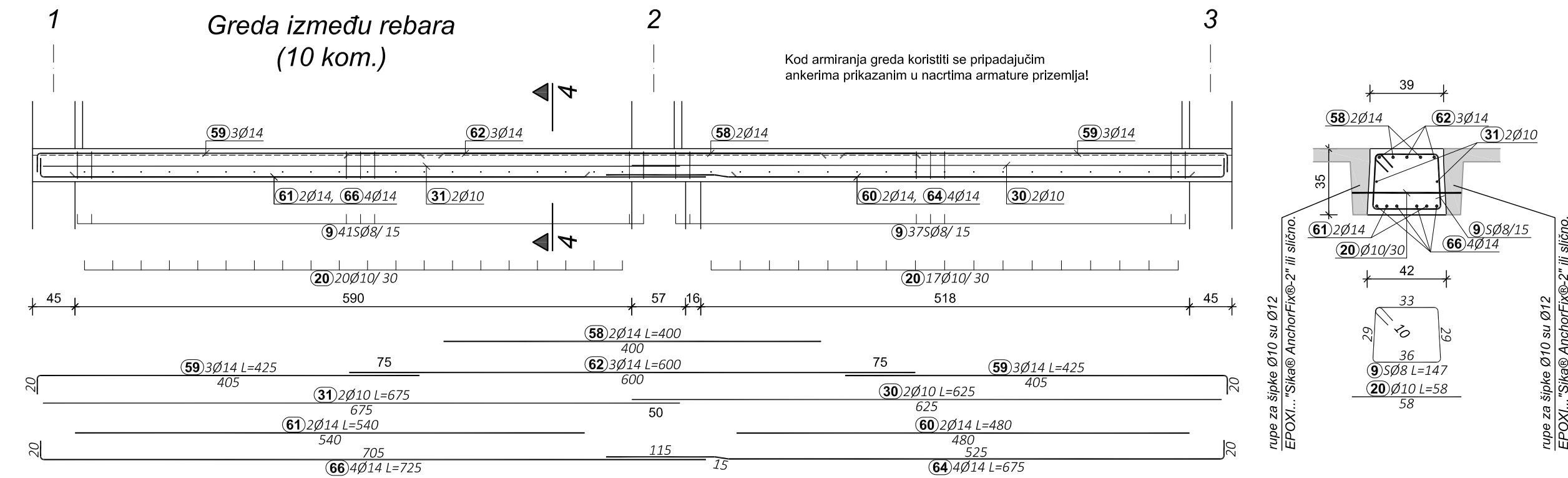
FORMAT:	LIST:
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### TEHNOLOGIJA SIDRENJA ANKERA (SIDARA):

1. Podupiranje kompletne horizontalne nosne konstrukcije iznad podruma
2. Demontaža (rušenje) donjeg dijela postojećeg zida u razini temelja na dizpozicijama novog stupova i vertikalnih serkaza uz minimalnih gubitaka (min. volumen) a koji će omogućiti kvalitativno izvođenje radova iz narednih stavaka.
3. Ukoliko je moguće postojeći (demontirani) opseku zida potpuno je sačuvati.
4. Strojno štanjanje postojeće armiranobetonske konstrukcije nadtemelja  
uz obavezno očuvanje postojećih armature (gabariti prema detaljima sa ovog nacrtu),  
ili ovdavanja nove konstruktivne armature u koliko je to potrebno
5. Bušenje rupa dijamnirnim svrdlom za betone  
anker Ø8.....rupa Ø10  
anker Ø10.....rupa Ø12  
anker Ø14.....rupa Ø16  
anker Ø16.....rupa Ø18  
anker Ø20.....rupa Ø25
6. Uisavaranje (čišćenje) rupa od zaostalog materijala i prašine,
7. Injektiranje dvokomponentnog lepila Sikafix AnchorFix®-2
8. Postavljanje ankera (sidara) u injektirane rupa
9. Premaz površine starog donjeg dijela (kvalitetno natopljen)  
armiranobetonskog temelja impregnacijskim sredstvom (SIN vna vez ili sl.)
10. Betoniranje zida betonom min. klase C 25/30 sa frakcijom gubitaka Ø - 16mm.
11. preporučuje se dodatak plastifikatora (Glenium ili sl.)
12. posebnu pažnju obratiti brtvljenju oplata zbog sprječavanja istjecanja cementnog mlijeka,  
te ručno i strojno vibriraju bitom tijekom ugradnje zbog sprječavanja pojave segregacije betona.
13. Betoniranje gornjeg dijela temelja

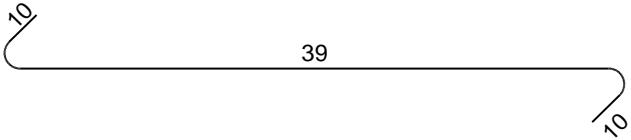
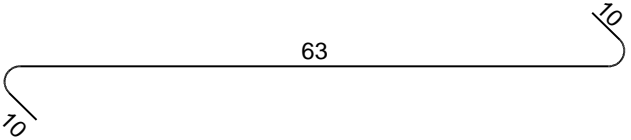

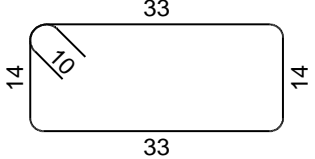
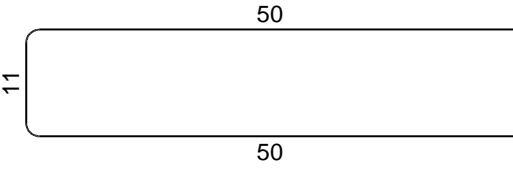
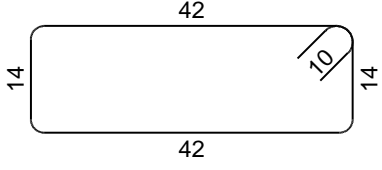
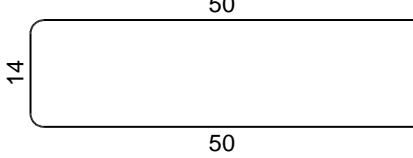
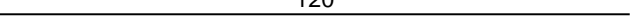
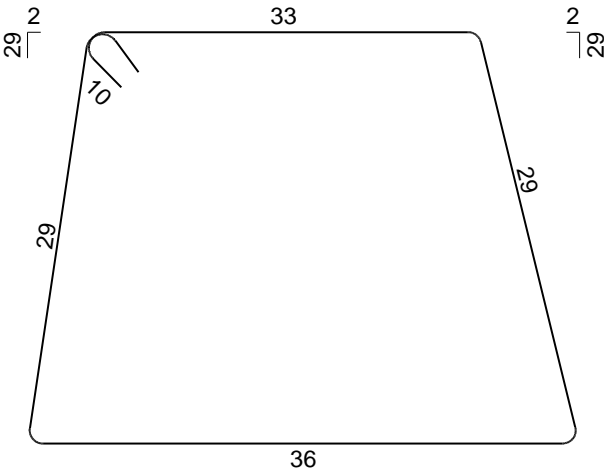
**NAPOMENA!**  
Sve radove izvesti uz dogovor i kontrolu nadzornog inženjera konstrukcije....  
(po potrebi/nalogu obaviti dodatne zahvate...)

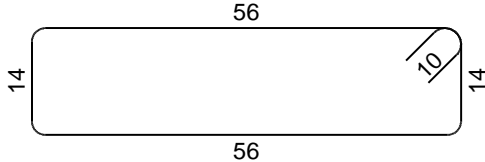
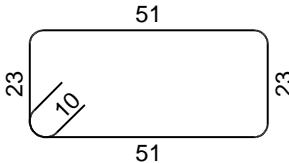
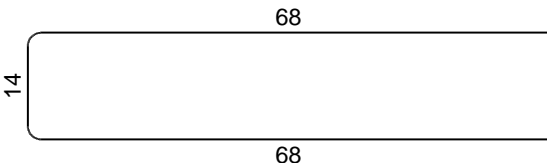
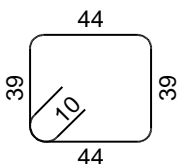
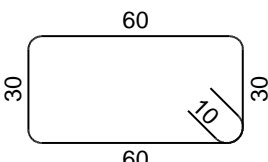
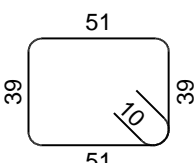
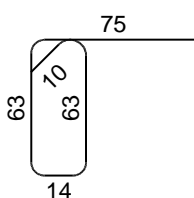
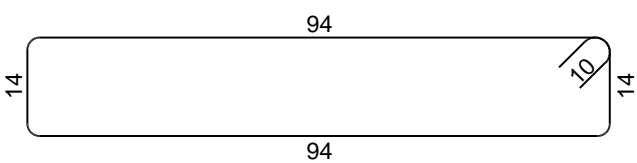
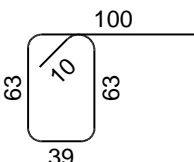
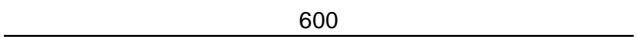
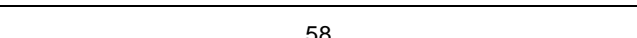




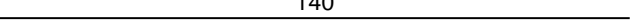
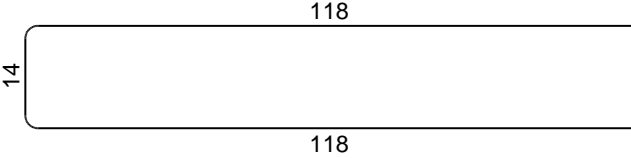
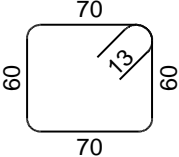
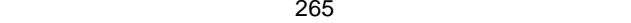
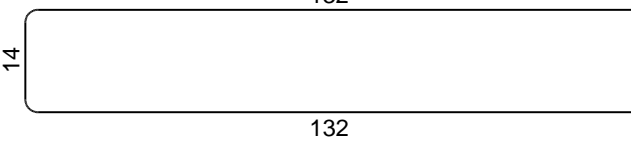
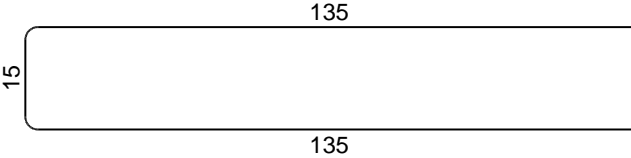
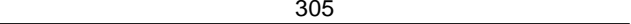
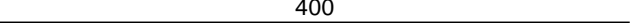
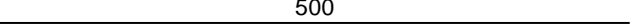
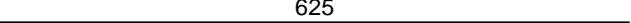
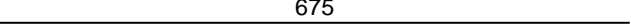

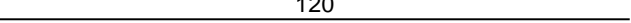
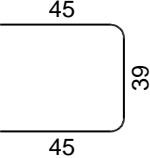
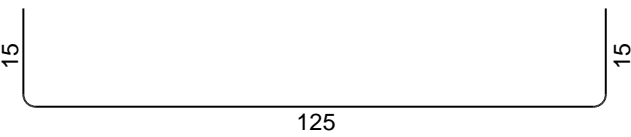
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6		8	1.32	47	62.04
7		8	1.14	108	123.12
8		8	1.20	16	19.20
9		8	1.47	780	1146.60
10		8	1.60	7	11.20
11		8	1.68	22	36.96
12		8	1.50	35	52.50
13		8	1.68	58	107.88
16		8	2.25	81	182.25
17		8	2.36	16	37.76
18		8	2.75	17	46.75
19		8	6.00	6	36.00
20		10	0.58	370	214.60
21		10	1.40	406	568.40
22		10	2.50	29	72.50
25		10	2.78	6	16.68
28		10	4.00	4	16.00
29		10	5.00	4	20.00
30		10	6.25	20	125.00
31		10	6.75	20	135.00
33		12	1.20	3	3.60
34		12	1.29	60	77.40
35		12	1.55	5	7.75
36		12	1.68	30	55.80
37		12	2.06	30	61.80
40		12	6.00	4	24.00
41		12	6.70	4	26.80
45		14	1.75	6	10.50

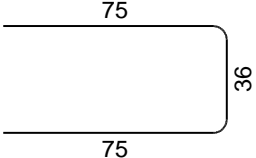
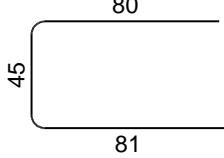
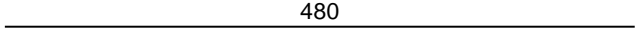
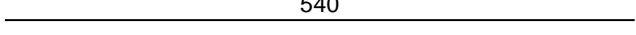
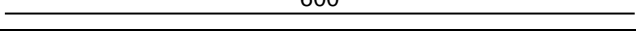
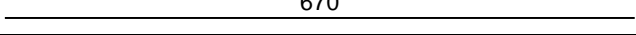
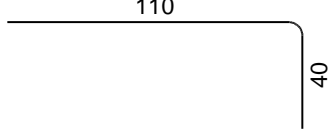
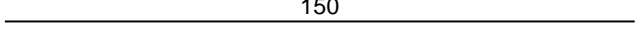
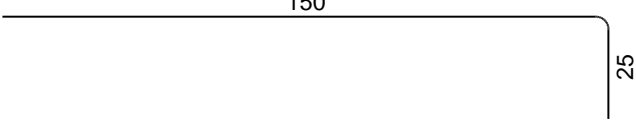
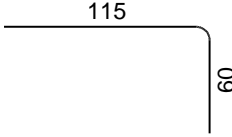
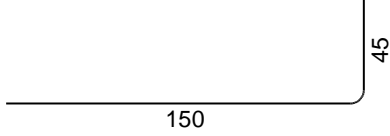
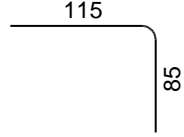
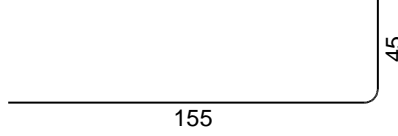
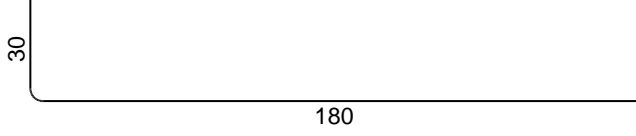
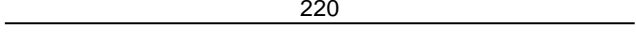
Naziv projekta: Ispit B500B				Obrat izmjere [cm]		Ø [mm]	lg [m]	n [kom]	lgn [m]		
List 2											
46						14	1.95	4	7.80		
47						14	2.00	6	12.00		
48						14	2.50	6	16.00		
49						14	2.10	3	6.30		
50						14	2.20	3	6.60		
51						14	2.40	24	57.60		
52						14	2.55	5	12.75		
53						14	2.95	4	11.80		
54						14	3.00	4	12.00		
57						14	3.98	5	19.90		
58						14	4.00	125	500.00		
59						14	4.25	60	255.00		
60						14	4.80	20	96.00		
61						14	5.40	20	108.00		
62						14	6.00	33	198.00		
63						14	6.50	3	19.50		
64						14	6.75	40	270.00		
65						14	7.10	3	21.30		
66						14	7.25	40	290.00		
68						16	2.90	2	5.80		
69						16	3.90	2	7.80		
70						16	4.25	2	8.50		
71						16	5.25	3	15.75		
74						16	5.80	2	11.60		
76						16	7.45	3	22.35		
KLASA BETONA: C 25/30 VRSTA ČELIKA: Šipke: B500B ..... (Bat 500/550; RA 500/550) Mreže: B500A(B)..... (Bat 500/550; RA 500/550) RAZRED IZLOŽENOSTI: XC1, XC2 RAZRED KONZISTENCIJE: S4						ZAŠTITNI SLOJEVI: Cm=2,5 cm					
2											
1											
Revizija br.:		Datum:		Napomena:				Poljps:			
<b>MAX-ING d.o.o.</b> Biro za konstrukcije Zagreb, Ivana Šibla 9						Glavni projektant: Projekatni konstrukcije: Izdalo: Suradnik: Direktor:				Željmi Vujnović, dipl.ing.arh. Gordana Vujnović, dipl.ing.građ. Elvis Oblak, struč.spec.ing.aedif. Željmi Frančković, dipl.ing.građ.	
INVESTITOR: SISAČKO - MOSLAVAČKA ŽUPANIJA Stjepana i Antuna Radica 36, 44000 Sisak, OIB: 82215698659						FAZA:  GRAĐEVINSKI PROJEKT -					
GRAĐEVINA: REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM						Z.O.P.: 321 NOVI SISAK		T.O.: 984/20			
LOKACIJA: Ladarska 1, 44000 Sisak, k.č.br. 321, k.o. Novi Sisak						DATUM: 09/2021		MJESECILO: 1:50			
SADRŽAJ: ZIDOVİ STUPOVI, V.S. PODRUMA, GREDE IZNAĐ PODRUMA						FORMAT: 594x1051		LIST: 2			

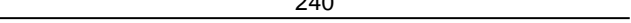
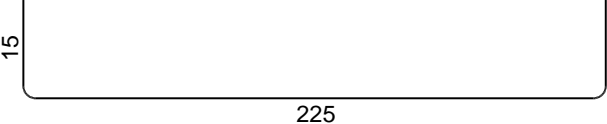
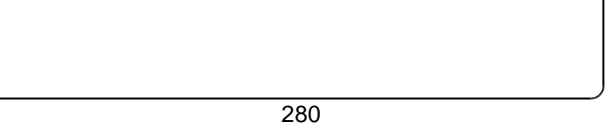
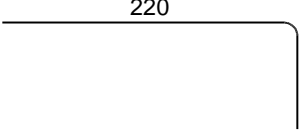
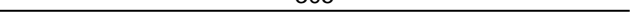
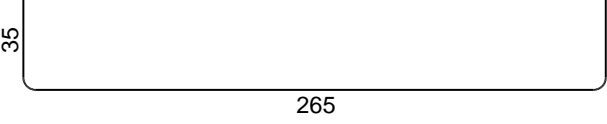
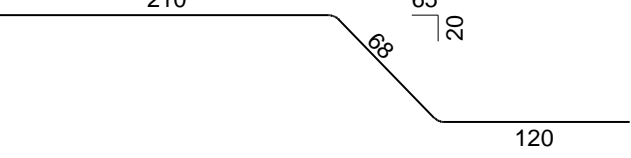
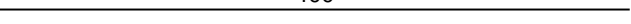

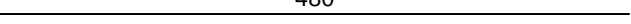
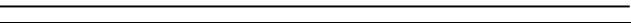
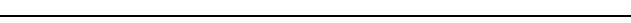
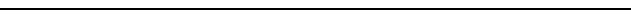
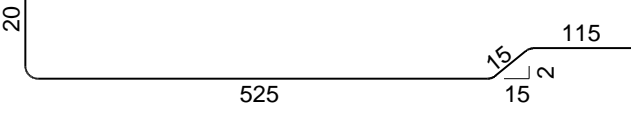

Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
TEMELJNE GREDE, TEMELJNI ANKERI; ZIDOVI, STUPOVI, V.S. PODRUMA, GREDE IZNAD PODRUMA / List 1,2					
1		8	0.59	16	9.44
2		8	0.83	16	13.28
3		8	0.90	263	236.70
4		8	1.14	16	18.24
5		8	1.11	72	79.92
6		8	1.32	47	62.04
7		8	1.14	108	123.12
8		8	1.20	16	19.20
9		8	1.47	780	1146.60

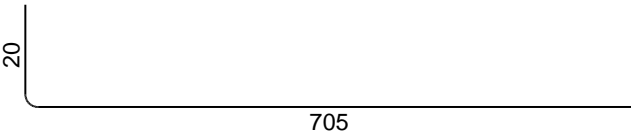
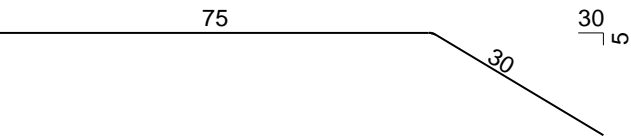
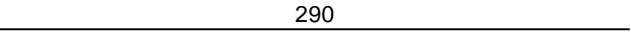
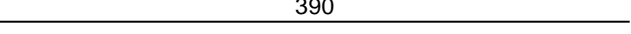
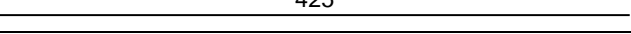
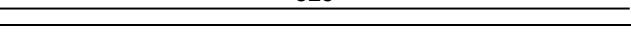
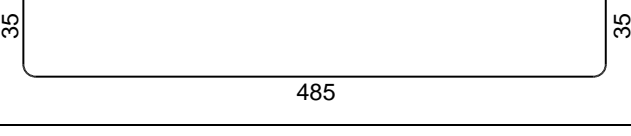
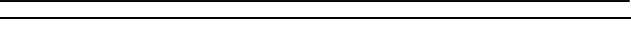
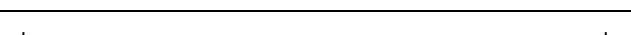
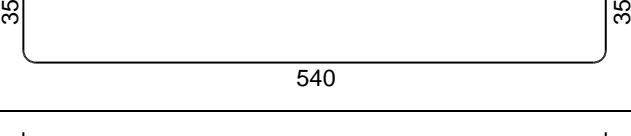
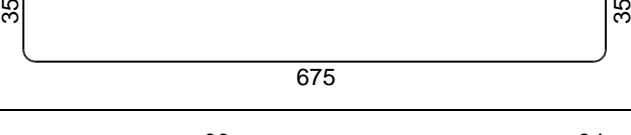
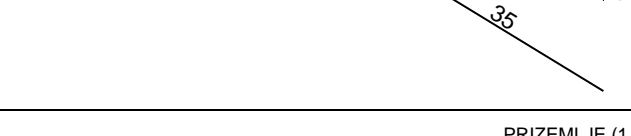
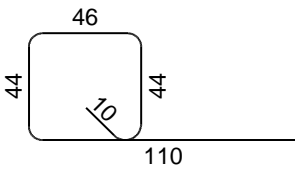
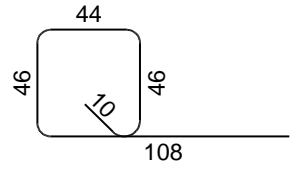
Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
10		8	1.60	7	11.20
11		8	1.68	22	36.96
12		8	1.50	35	52.50
13		8	1.86	58	107.88
14		8	2.00	18	36.00
15		8	2.00	27	54.00
16		8	2.25	81	182.25
17		8	2.36	16	37.76
18		8	2.75	17	46.75
19		8	6.00	6	36.00
20		10	0.58	370	214.60

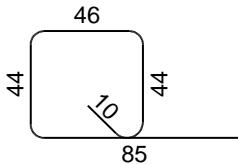


Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
21		10	1.40	406	568.40
22		10	2.50	29	72.50
23		10	2.86	140	400.40
24		10	2.65	2	5.30
25		10	2.78	6	16.68
26		10	2.85	21	59.85
27		10	3.05	2	6.10
28		10	4.00	4	16.00
29		10	5.00	4	20.00
30		10	6.25	20	125.00
31		10	6.75	20	135.00
32		12	1.00	32	32.00
33		12	1.20	3	3.60
34		12	1.29	60	77.40
35		12	1.55	5	7.75

Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
36		12	1.86	30	55.80
37		12	2.06	30	61.80
38		12	4.80	8	38.40
39		12	5.40	8	43.20
40		12	6.00	4	24.00
41		12	6.70	4	26.80
42		14	1.50	24	36.00
43		14	1.50	46	69.00
44		14	1.75	48	84.00
45		14	1.75	6	10.50
46		14	1.95	4	7.80
47		14	2.00	6	12.00
48		14	2.00	8	16.00
49		14	2.10	3	6.30
50		14	2.20	3	6.60

Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lgn [m]
51		14	2.40	24	57.60
52		14	2.55	5	12.75
53		14	2.95	4	11.80
54		14	3.00	4	12.00
55		14	3.05	4	12.20
56		14	3.35	4	13.40
57		14	3.98	5	19.90
58		14	4.00	125	500.00
59		14	4.25	60	255.00
60		14	4.80	20	96.00
61		14	5.40	20	108.00
62		14	6.00	33	198.00
63		14	6.50	3	19.50
64		14	6.75	40	270.00
65		14	7.10	3	21.30

Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
66		14	7.25	40	290.00
67		16	1.05	4	4.20
68		16	2.90	2	5.80
69		16	3.90	2	7.80
70		16	4.25	2	8.50
71		16	5.25	15	78.75
72		16	5.55	12	66.60
73		16	5.80	12	69.60
74		16	5.90	2	11.80
75		16	6.10	12	73.20
76		16	7.45	3	22.35
77		20	1.25	32	40.00
PRIZEMLJE (1 pcs.)					
1		8	2.54	72	182.88
2		8	2.54	96	243.84

Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
3		8	2.29	48	109.92

Rekapitulacija šipki: B500B			
Ø [mm]	lgn [m]	Jedinična težina [kg/m']	Težina [kg]
B500B, Ø ≤ 12 mm			
8	2846.48	0.40	1124.36
10	1639.83	0.62	1011.78
12	370.75	0.89	329.23
Ukupno: (B500B, Ø ≤ 12 mm)			2465.36
B500B, Ø > 12 mm			
14	2145.65	1.21	2596.24
16	348.60	1.58	550.79
20	40.00	2.47	98.80
Ukupno: (B500B, Ø > 12 mm)			3245.82
Ukupno:			5711.19

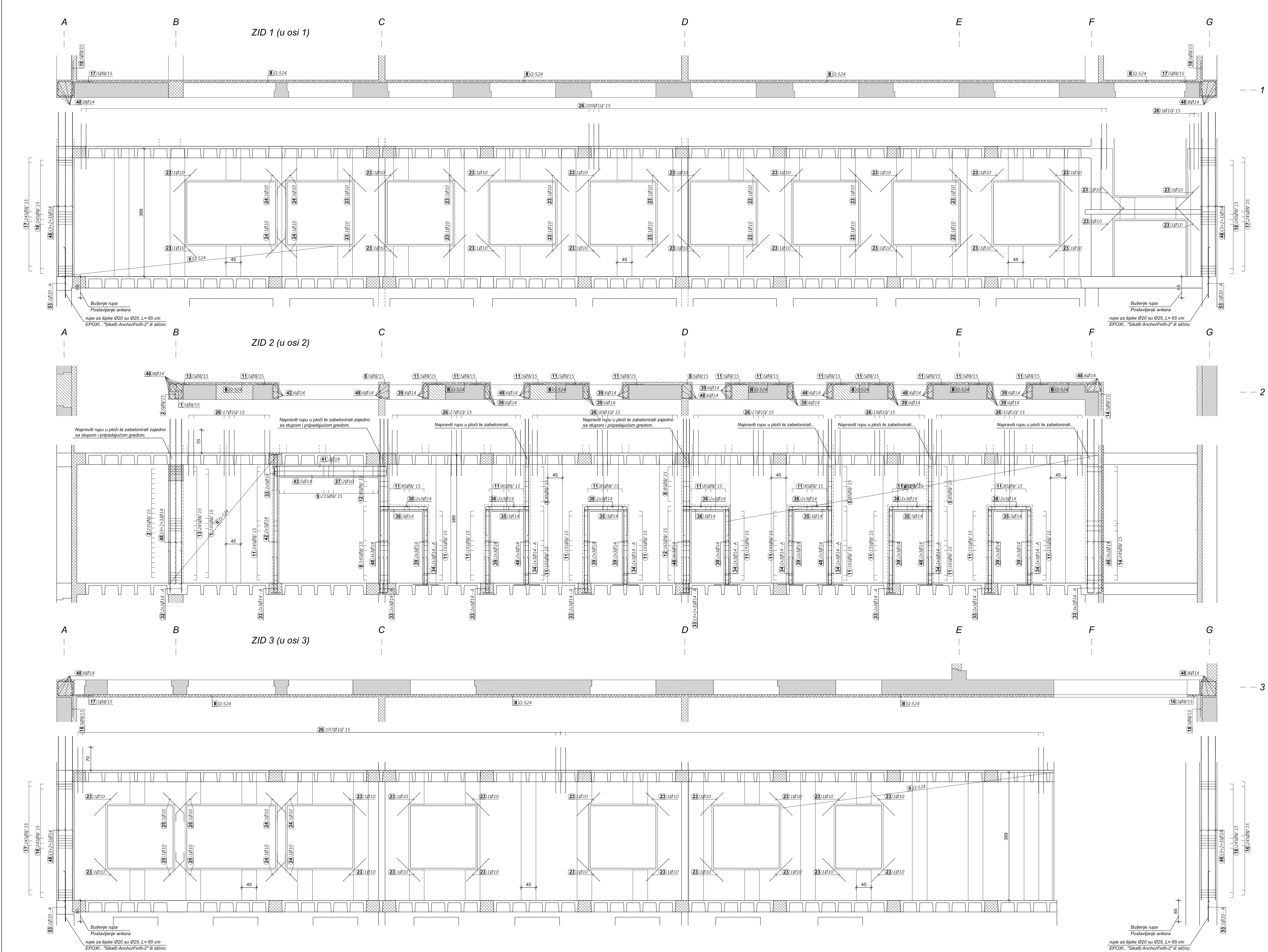
Specifikacija mreža: B500B						
Pozicija	Mreža	B [cm]	L [cm]	n [kom]	Jedini. težina [kg/m2]	Ukupna težina [kg]
TEMELJNE GREDE, TEMELJNI ANKERI; ZIDOVI, STUPOVI, V.S. PODRUMA, GREDE IZNAD PODRUMA / List 1,2						
I	Q-335	215	600	2	5.45	140.61
I-1	Q-335	215	280	42	5.45	1377.98
I-2	Q-335	151	280	4	5.45	92.17
I-3	Q-335	148	280	2	5.45	45.32
I-4	Q-335	189	280	2	5.45	57.53
I-5	Q-335	120	280	2	5.45	36.62
I-6	Q-335	190	280	2	5.45	57.99
I-7	Q-335	51	200	4	5.45	22.24
II-1	Q-524	165	281	2	8.40	77.89
II-2	Q-524	70	280	2	8.40	32.93
II-4	Q-524	124	280	2	8.40	58.33
II-10	Q-524	215	280	8	8.40	404.54
Ukupno:						2404.15

MREŽE SU ISKAZANE U NETO (UGRAĐENOJ) KOLIČINI!

ZBOG SPECIFIČNE VRSTE RADOVA, TE SMANJENJA POGREŠAKA KOD IZVOĐENJA PRIKAZANU ARMATURU IZ SPECIFIKACIJE PREPORUČA SE IZVODITI (BIGATI) NA GRADILIŠTU I/ILI NARUČIVATI PREMA FAZAMA ILI REDOSLIJEDU I TEHNOLOGIJI GRAĐENJA!

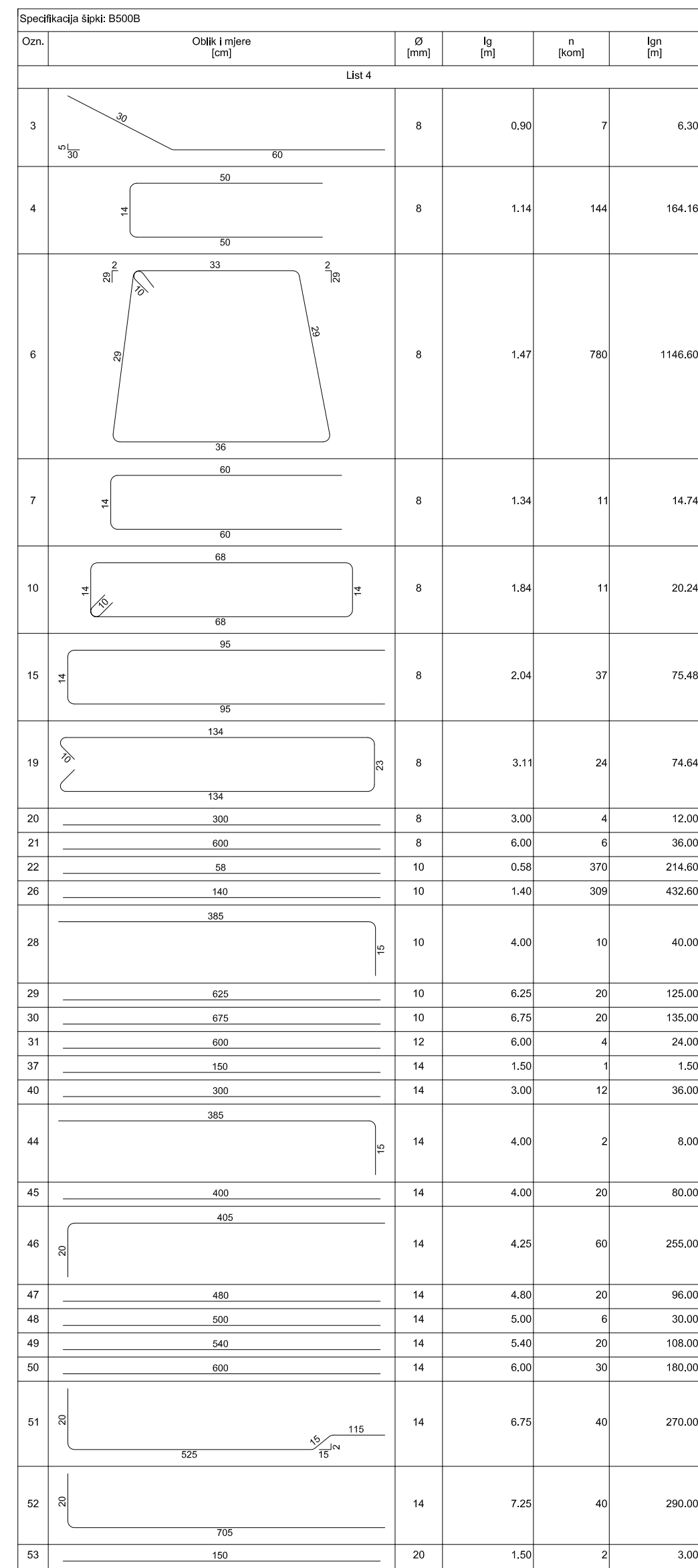
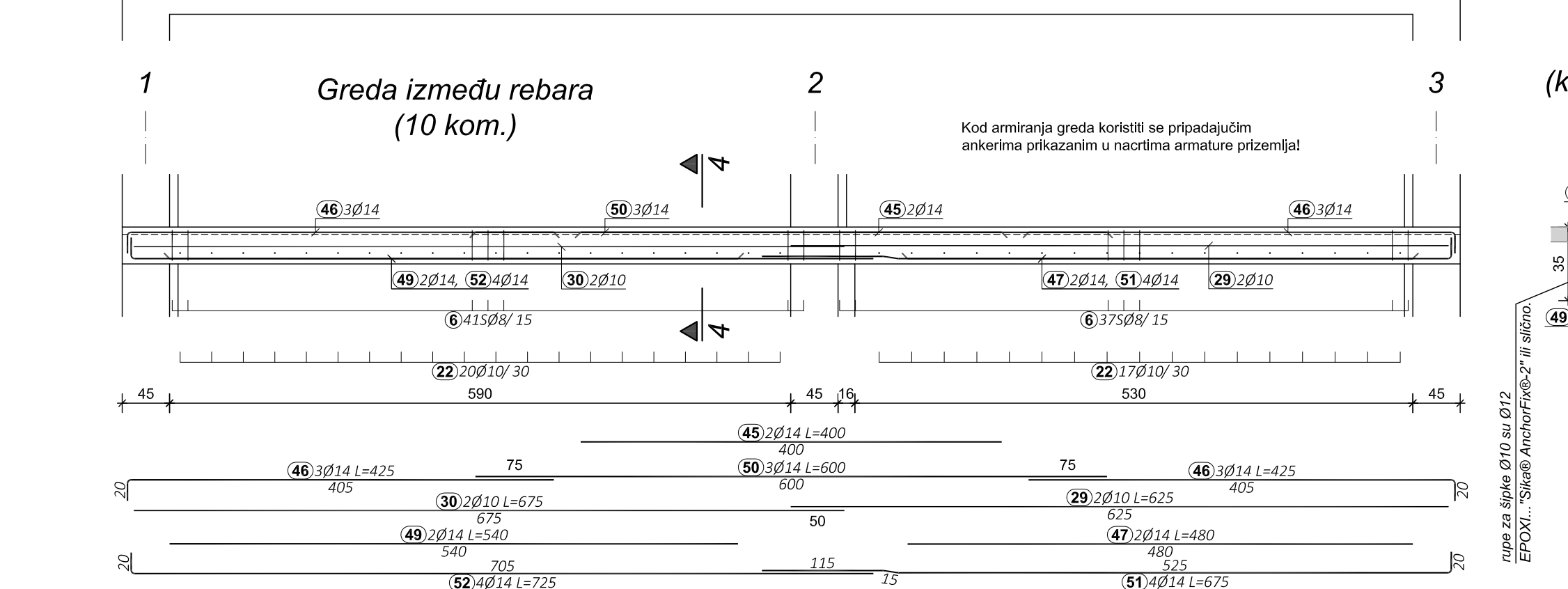
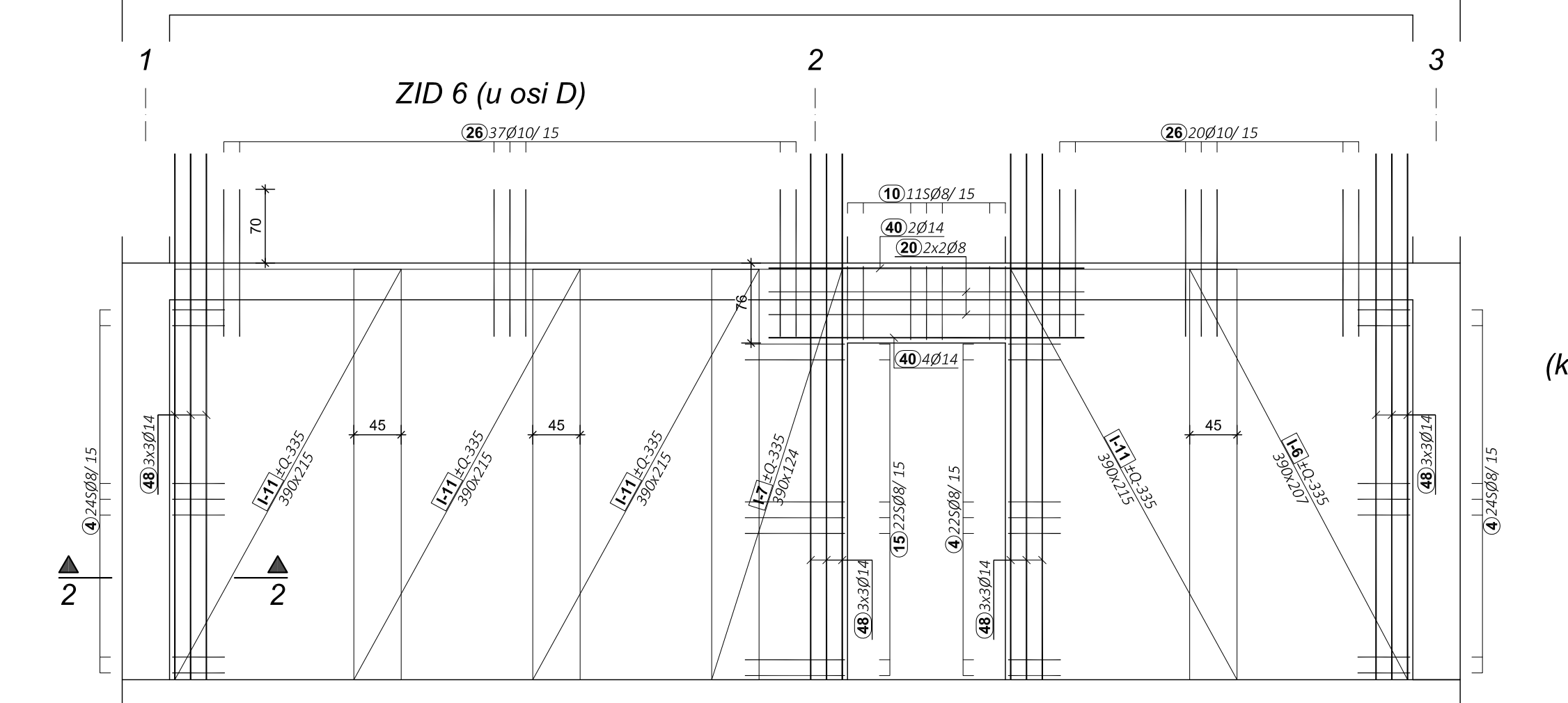
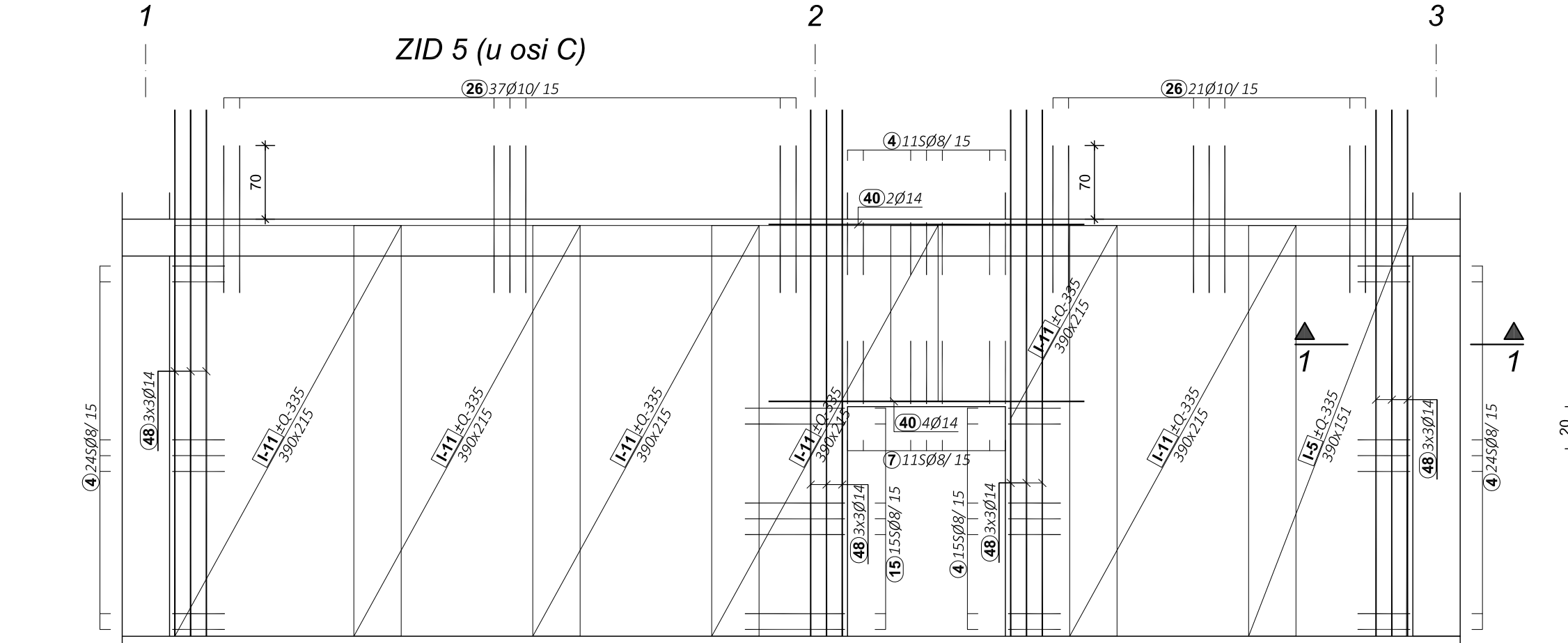
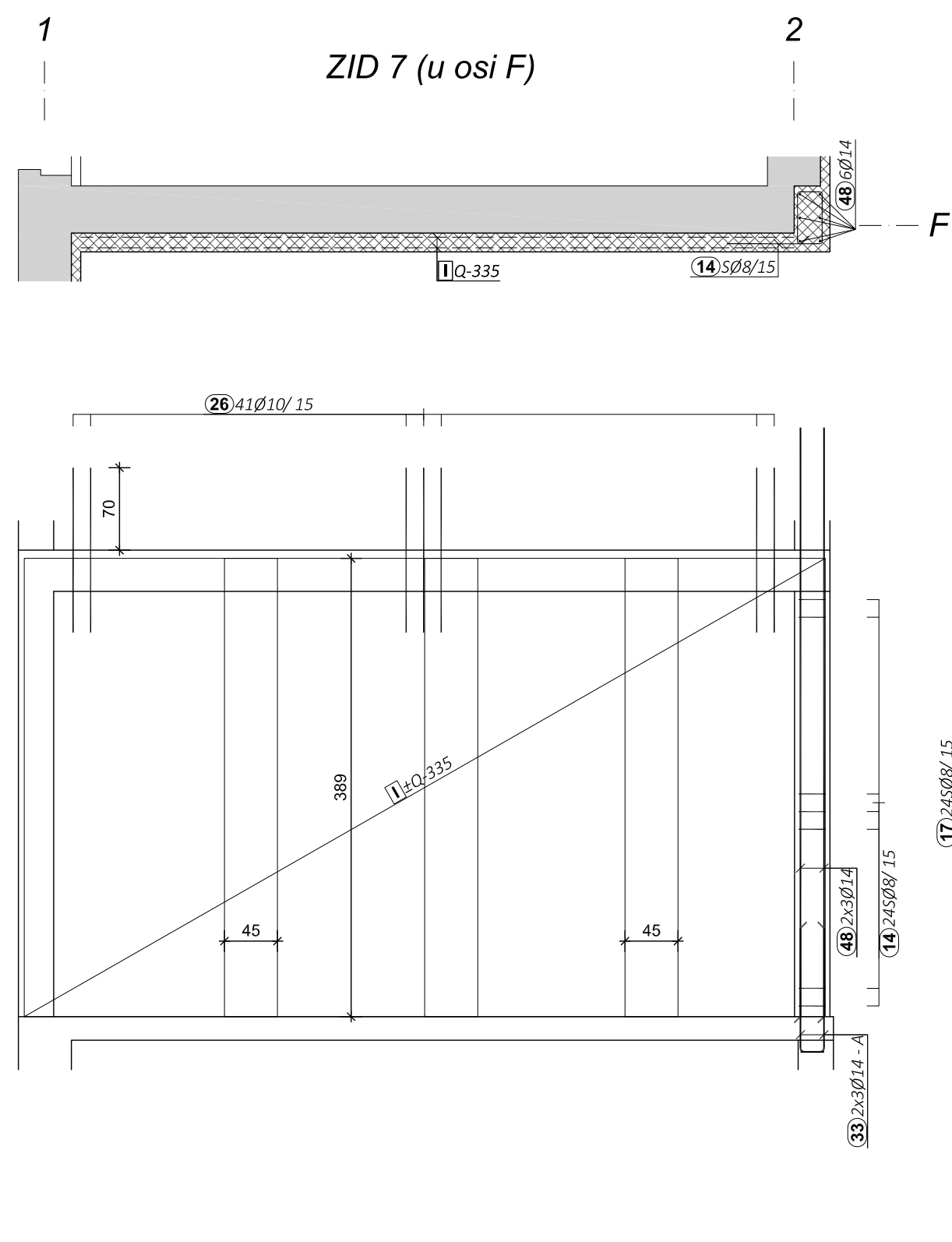






Specifikacija šipki: B500B						
Ord.	Ostale mjere [mm]	d [mm]	l <sub>g</sub> [m]	l [poim]	lgn [m]	
Lini 3						
1		8	0.59	23	13.57	
2		8	0.64	23	14.72	
5		8	1.36	24	32.84	
8		8	1.82	24	38.88	
9		8	1.66	21	34.86	
11		8	1.75	263	460.25	
12		8	1.85	24	44.40	
13		8	2.00	24	48.00	
14		8	2.00	24	48.00	
16		8	2.29	24	54.96	
17		8	2.54	72	182.88	
18		8	2.54	96	243.84	
23		10	1.00	96	96.00	
24		10	1.10	8	8.80	
25		10	1.15	4	4.60	
26		10	1.40	560	784.00	
27		10	3.40	2	6.80	
32		14	1.25	4	5.00	
33		14	1.25	59	73.75	
34		14	1.25	48	60.00	
35		14	1.30	15	19.50	
36		14	1.40	6	8.40	
38		14	2.00	42	84.00	
39		14	2.20	54	116.80	
41		14	3.40	3	10.20	
42		14	3.50	6	21.00	
43		14	3.90	5	19.50	
48		14	5.00	88	440.00	
53		20	1.50	4	6.00	

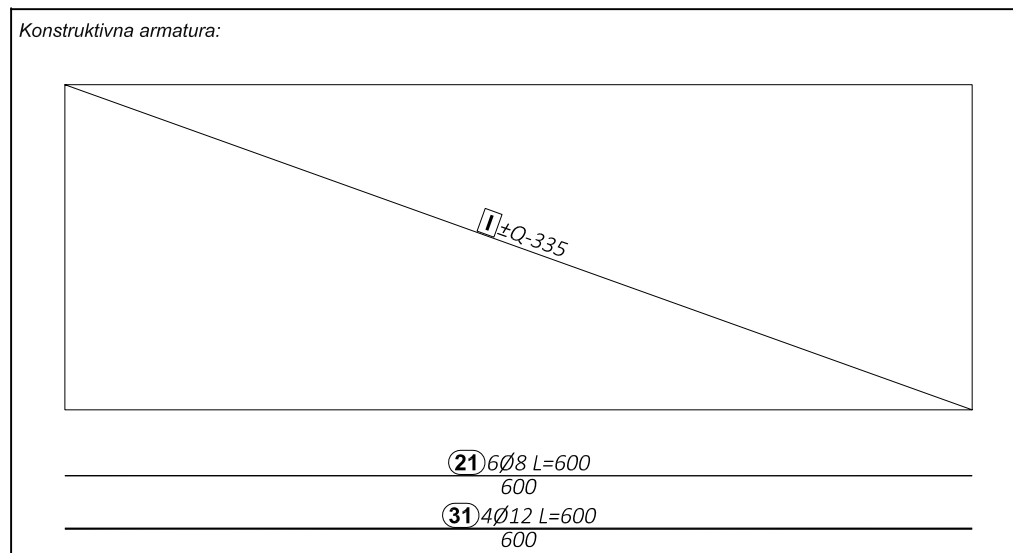
KLASA BETONA: C 25/30		ZASTITNI SLOJEVI: C <sub>min</sub> = 2,5 cm	
VRSTA ČELIKA: Šipke: B500B ..... (bet. B500B50; RA 500/550) Mreže: B500A10 ..... (bet. B500B50; RA 500/550)			
RAZRED KLOZENOŠTI: XCI			
RAZRED KONZISTENCIJE: S4			
2			
1			
Revizija br.:	Datum:	Napomena:	Potpis:
Glavni projektant:		Zeljimir Vujanović, dipl.ing. arh.	
Projektant konstrukcije:		Gordana Vujanović, dipl.ing. grad.	
Izradio:		Elvis Oblik, stuč.spec.ing.aedif.	
Suradnik:			
Direktor:		Zeljimir Francisković, dipl.ing. grad.	
INVESTITOR: SISAČKO - MOSLAVAČKA ŽUPANIJA Stjepana i Antuna Radića 36, 44000 Sisak, OIB: 62215698659		FAZA:  GRAĐEVINSKI PROJEKT -	
GRAĐEVINA: REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAČ - PRENAMJENA U UČENIČKI DOM		Z.O.P.: <b>321 NOVI SISAČ</b>	T.D.: <b>984/20</b>
LOKACIJA: Ladarska 1, 44000 Sisak, k.č.br. 321, k.o. Novi Sisak		DATUM: <b>09/2021</b>	MJERILO: <b>1:50</b>
SADRŽAJ: ZIDOV I STUPOVI, V.S. PRIZEMLJA, GREDE IZNAD PRIZEMLJA		FORMAT: <b>594x1051</b>	LIST: <b>3</b>



**NAPOMENA!**

Obavezan premaz svih površine starog dijela konstrukcije (kvalitetno natopljen) impregnacijskim sredstvom (SN veže ili sl.) na dobro čeličnom četkom očišćenu (ohrapavljenu) podlogu.

Sve radove izvesti uz dogovor i kontrolu nadzornog inženjera konstrukcije....  
(po potrebi/nalogu obaviti dodatne zahvate,...)



Koristiti za armiranje nepredviđenih detalja koje je projektom teško predvidjeti i prikazati

<b><u>KLASA BETONA:</u></b> C 25/30 <b><u>VRSTA ČELIKA:</u></b> Šipke: B500B..... (Bst 500/550; RA 500/550) Mreže: B500A(B)..... (Bst 500/550; RA 500/550) <b><u>RAZRED IZLOŽENOSTI:</u></b> XC1 <b><u>RAZRED KONZISTENCije:</u></b> S4	<b><u>ZAŠTITNI SLOJEVI:</u></b> C <sub>red</sub> = 2,5 cm
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2			
1			
Revizija br.:	Datum:	Napomena:	Potpis:

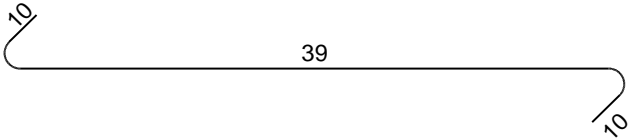
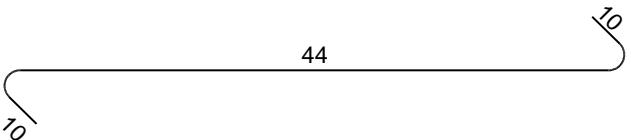
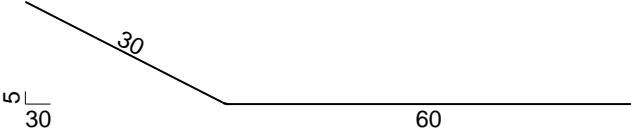
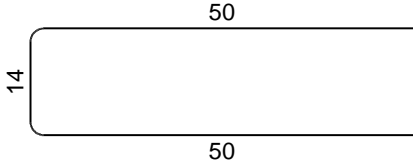
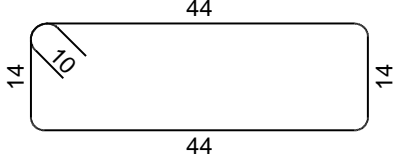
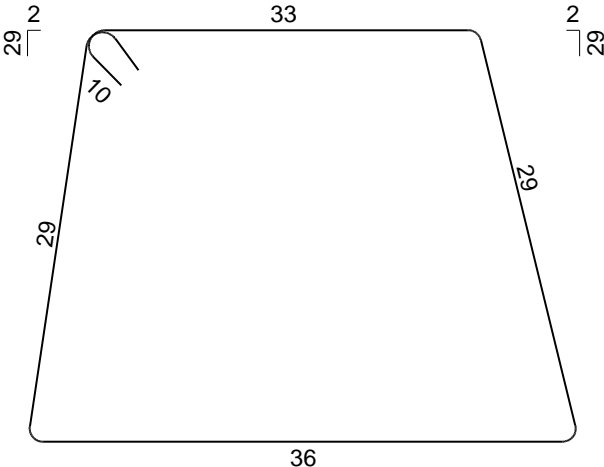
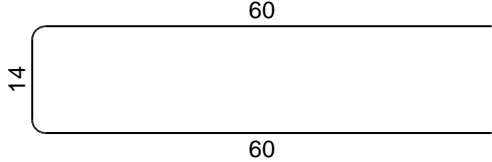
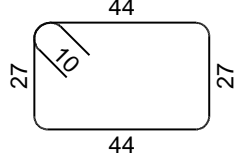
<b>MAX-ING d.o.o.</b> Biro za konstrukcije Zagreb, <i>Ivana Šibla 9</i>	projektant:	Zeljimir Vujanović, dipl.ing. arh.
	Projektant konstrukcije:	Gordana Vujanović, dipl.ing. grad.
	Izdado:	Elvis Oblak, struč.spec.ing. aedif.
	Suradnik:	
	Direktor:	Željimir Francićkošić, dipl.ing. grad.

INVESTITOR: SISAČKO - MOSLAVAČKA ŽUPANIJA Stjepana i Antuna Radića 36, 44000 Sisak, OIB: 82215698659	FAZA:  GRAĐEVINSKI PROJEKT -
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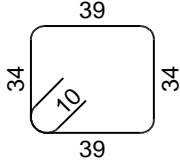
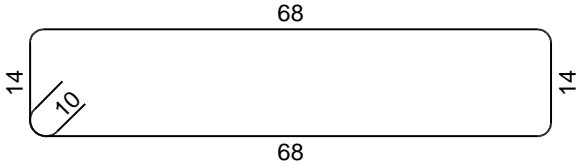
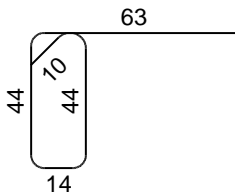
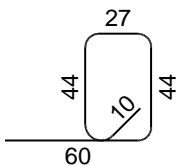
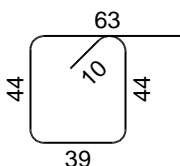
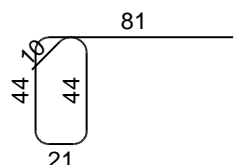
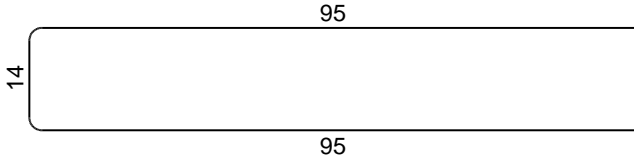
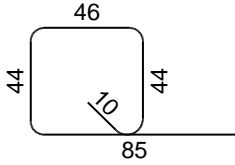
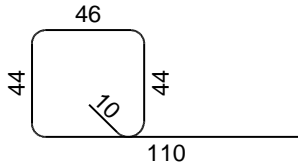
GRAĐEVINA: REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM	Z.O.P.: 321 NOVI SISAK	T.D.: 984/20
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LOKACIJA: Lađarska 1, 44000 Sisak, k.č.br. 321, k.o. Novi Sisak	DATUM: 09/2021	MJERILO: 1:50
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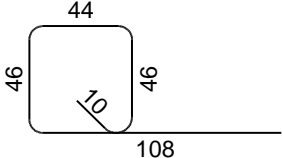
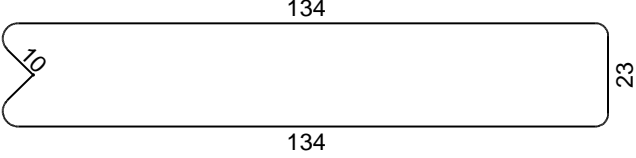
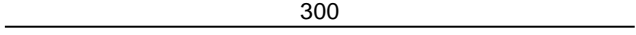
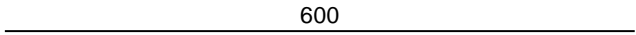

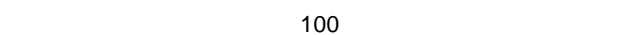
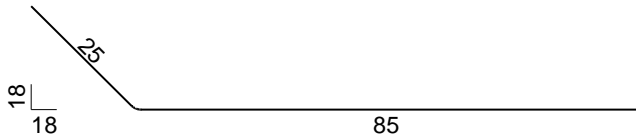
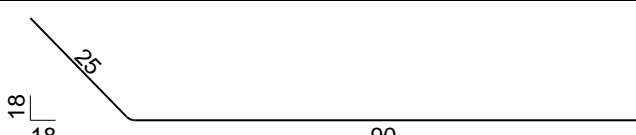
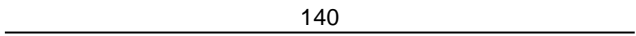
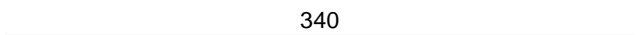
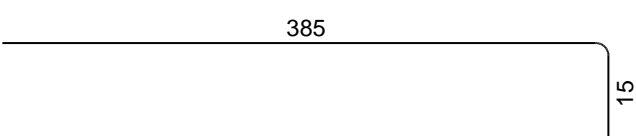
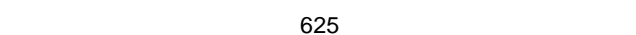
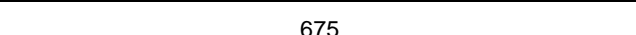
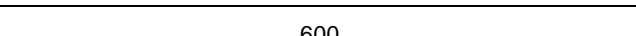
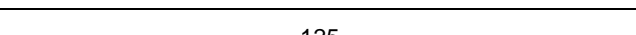
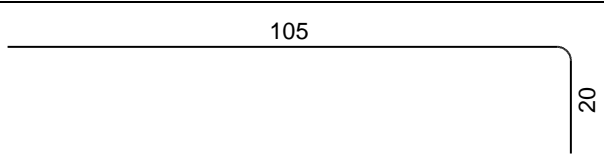
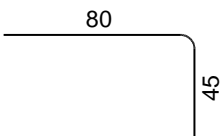
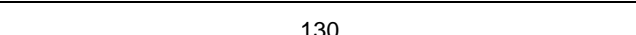
SADRŽAJ: ZIDOVI STUPOVI, V.S. PRIZEMLJA, GREDE IZNAD PRIZEMLJA	FORMAT:  A1	LIST:  4
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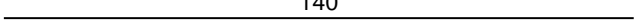
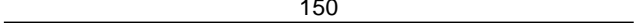
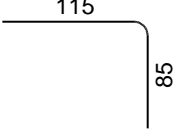
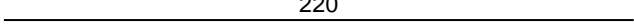
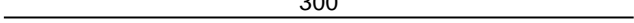
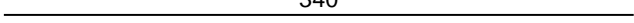
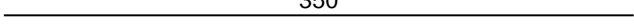
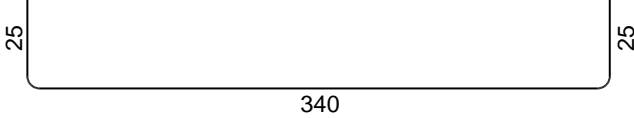

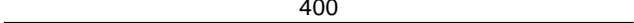
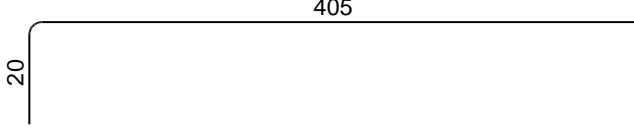
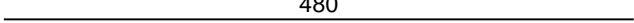
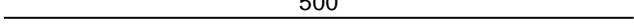
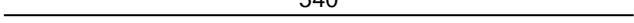
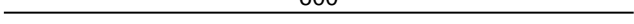
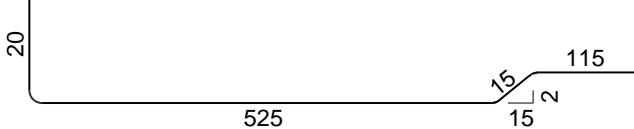
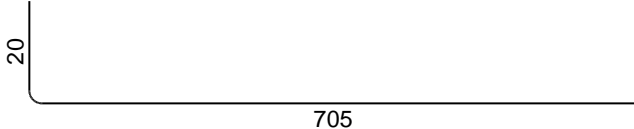

Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
ZIDOVI, STUPOVI, V.S. PRIZEMLJA, GREDE IZNAD PRIZEMLJA / List 3,4					
1		8	0.59	23	13.57
2		8	0.64	23	14.72
3		8	0.90	7	6.30
4		8	1.14	144	164.16
5		8	1.36	24	32.64
6		8	1.47	780	1146.60
7		8	1.34	11	14.74
8		8	1.62	24	38.88

## Specifikacija šipki: B500B

Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
9		8	1.66	21	34.86
10		8	1.84	11	20.24
11		8	1.75	263	460.25
12		8	1.85	24	44.40
13		8	2.00	24	48.00
14		8	2.00	24	48.00
15		8	2.04	37	75.48
16		8	2.29	24	54.96
17		8	2.54	72	182.88

## Specifikacija šipki: B500B

Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
18		8	2.54	96	243.84
19		8	3.11	24	74.64
20		8	3.00	4	12.00
21		8	6.00	6	36.00
22		10	0.58	370	214.60
23		10	1.00	56	56.00
24		10	1.10	8	8.80
25		10	1.15	4	4.60
26		10	1.40	869	1216.60
27		10	3.40	2	6.80
28		10	4.00	10	40.00
29		10	6.25	20	125.00
30		10	6.75	20	135.00
31		12	6.00	4	24.00
32		14	1.25	4	5.00
33		14	1.25	59	73.75
34		14	1.25	48	60.00
35		14	1.30	15	19.50

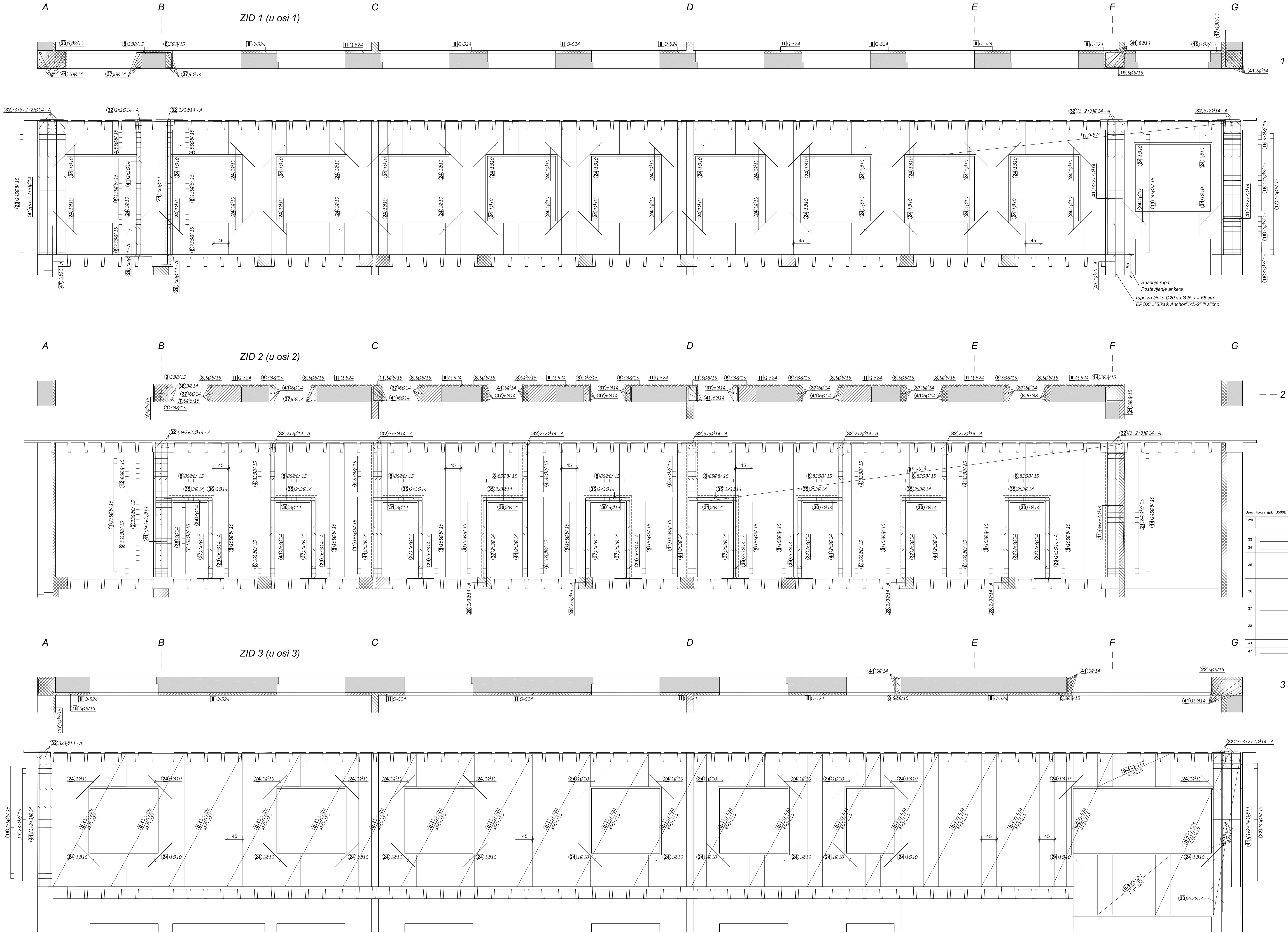
Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lgn [m]
36		14	1.40	6	8.40
37		14	1.50	1	1.50
38		14	2.00	42	84.00
39		14	2.20	54	118.80
40		14	3.00	12	36.00
41		14	3.40	3	10.20
42		14	3.50	6	21.00
43		14	3.90	5	19.50
44		14	4.00	2	8.00
45		14	4.00	20	80.00
46		14	4.25	60	255.00
47		14	4.80	20	96.00
48		14	5.00	94	470.00
49		14	5.40	20	108.00
50		14	6.00	30	180.00
51		14	6.75	40	270.00
52		14	7.25	40	290.00
53		20	1.50	6	9.00

Rekapitulacija šipki: B500B			
Ø [mm]	lgn [m]	Jedinična težina [kg/m']	Težina [kg]
B500B, Ø ≤ 12 mm			
8	2767.16	0.40	1093.03
10	1807.40	0.62	1115.17
12	24.00	0.89	21.31
Ukupno: (B500B, Ø ≤ 12 mm)			2229.51
B500B, Ø > 12 mm			
14	2214.65	1.21	2679.73
20	9.00	2.47	22.23
Ukupno: (B500B, Ø > 12 mm)			2701.96
Ukupno			4931.46

ZBOG SPECIFIČNE VRSTE RADOVA, TE SMANJENJA POGREŠAKA KOD IZVOĐENJA PRIKAZANU ARMATURU IZ SPECIFIKACIJE PREPORUČA SE IZVODITI (BIGATI) NA GRADILIŠTU I/ILI NARUČIVATI PREMA FAZAMA ILI REDOSLIJEDU I TEHNOLOGIJI GRAĐENJA!



Specifikacija mreža: B500B						
Pozicija	Mreža	B [cm]	L [cm]	n [kom]	Jedini. težina [kg/m2]	Ukupna težina [kg]
ZIDOVI, STUPOVI, V.S. PRIZEMLJA, GREDE IZNAD PRIZEMLJA / List 3,4						
I	Q-335	215	600	2	5.45	140.61
I-1	Q-335	215	389	32	5.45	1458.49
I-2	Q-335	71	389	2	5.45	30.10
I-3	Q-335	170	389	2	5.45	72.08
I-4	Q-335	193	389	2	5.45	81.83
I-5	Q-335	151	390	2	5.45	64.19
I-6	Q-335	207	390	2	5.45	88.00
I-7	Q-335	124	390	2	5.45	52.71
I-11	Q-335	215	390	20	5.45	913.97
II-1	Q-524	215	389	49	8.40	3442.16
II-2	Q-524	120	389	1	8.40	39.21
II-3	Q-524	215	93	1	8.40	16.80
II-4	Q-524	215	96	1	8.40	17.33
II-5	Q-524	86	389	1	8.40	28.10
II-6	Q-524	145	389	1	8.40	47.38
II-7	Q-524	156	389	1	8.40	50.97
Ukupno:						6543.91



Specifikacija tipa: B500B						
Ozn.	Ozn. i mjere (mm)	Ø (mm)	h <sub>g</sub> (mm)	n (kom)	lign (m)	
Lini 5						
1		8	0.59	23	13.57	
2		8	0.64	23	14.72	
4		8	1.36	42	57.12	
6		8	1.56	16	24.96	
7		8	1.38	15	20.70	
8		8	1.75	34	59.75	
9		8	1.86	16	29.76	
11		8	1.85	32	59.20	
12		8	2.00	8	16.00	
14		8	2.24	24	53.76	
15		8	2.29	17	38.93	
16		8	2.44	6	19.52	
17		8	2.52	48	120.96	
18		8	2.53	23	58.19	
19		8	2.53	24	60.72	
20		8	2.66	24	63.84	
21		8	2.58	24	61.92	
22		8	2.72	24	65.28	
24		10	1.00	71	71.00	
26		14	1.25	30	37.50	
29		14	1.25	48	60.00	
30		14	1.30	18	23.40	
31		14	1.40	6	8.40	
41		14	3.55	124	440.20	
47		20	1.50	2	3.00	

KLASA BETONA:  
C 25/30

VRSTA ČELIKA:  
Sipak: B500B ..... (bet 500/550; RA 500/550)  
Mreže: B500A(B) ..... (bet 500/550; RA 500/550)

RAZRED KLOZENOŠTI:  
XC1

RAZRED KONZISTENCIJE:  
S4

ZAŠTITNI SLOJEVI:  
C<sub>min</sub> = 2,5 cm

2			
1			
Revizija br.:	Datum:	Napomena:	Potpis:
Glavni projektant:		Željimir Vujanović, dipl.ing.arh.	
Projektant konstrukcije:		Gordana Vujanović, dipl.ing.građ.	
Izdradio:		Elvis Obak, struč.spec.ing.aedif.	
Suradnik:			
Direktor:		Željimir Frančević, dipl.ing.građ.	

INVESTITOR:  
SISAČKO - MOSLAVAČKA ŽUPANIJA  
Stjepana i Antuna Radića 36,  
44000 Sisak, OIB: 82215698659

FAZA:  
GRAĐEVINSKI PROJEKT -

GRAĐEVINA:  
REKONSTRUKCIJA STRUKOVNE  
ŠKOLE SISAČ - PRENAMJENA  
U UČENIČKI DOM

Z.O.P.:  
321  
NOVI SISAČ

T.D.:  
984/20

LOKACIJA:  
Lađarska 1, 44000 Sisak,  
k.č.br. 321, k.o. Novi Sisak

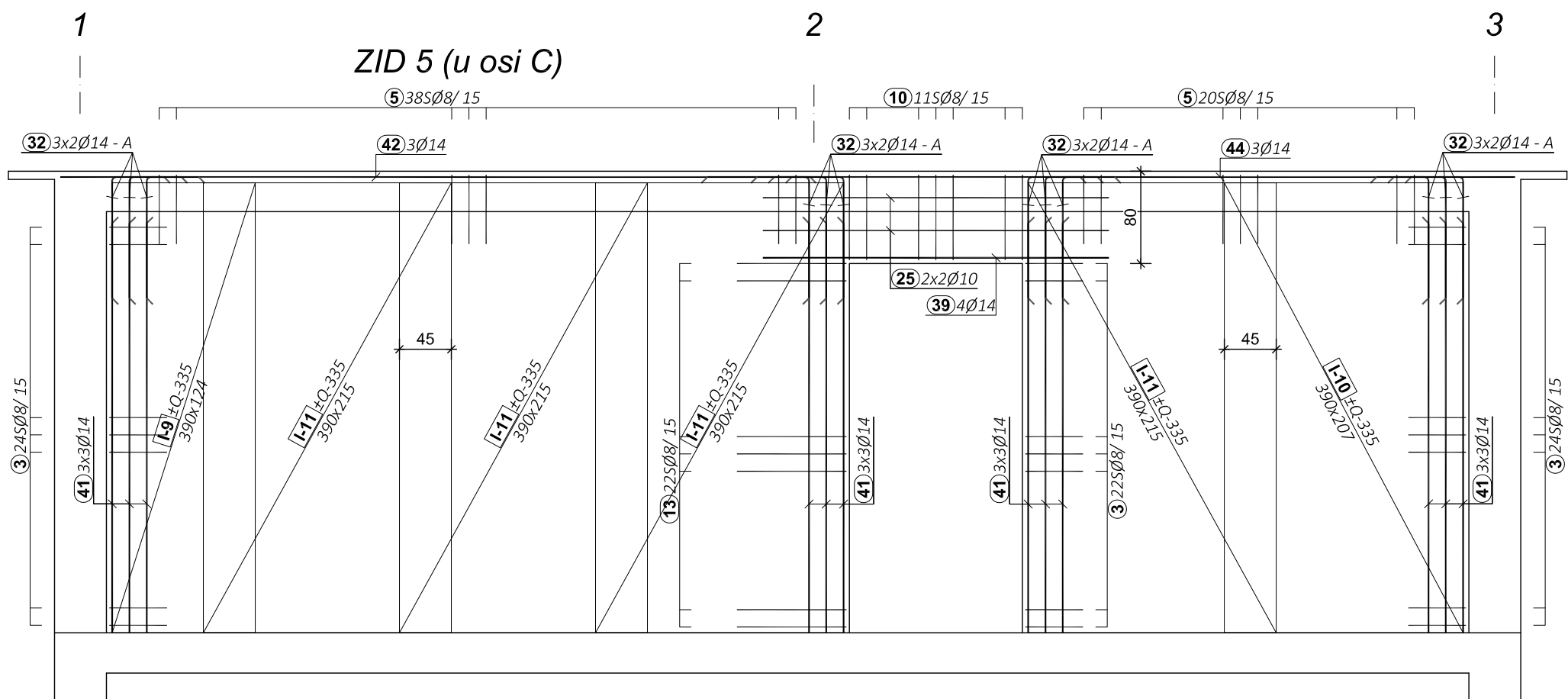
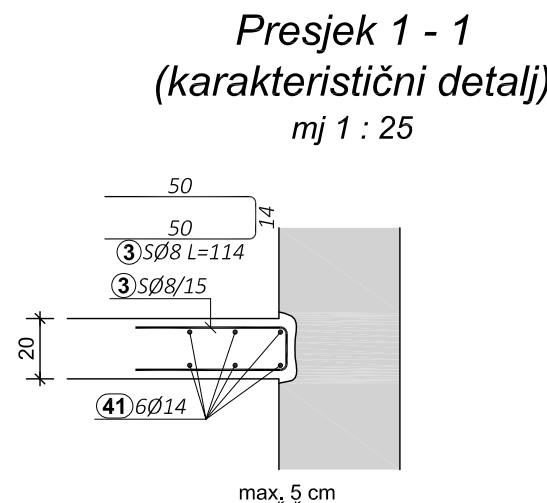
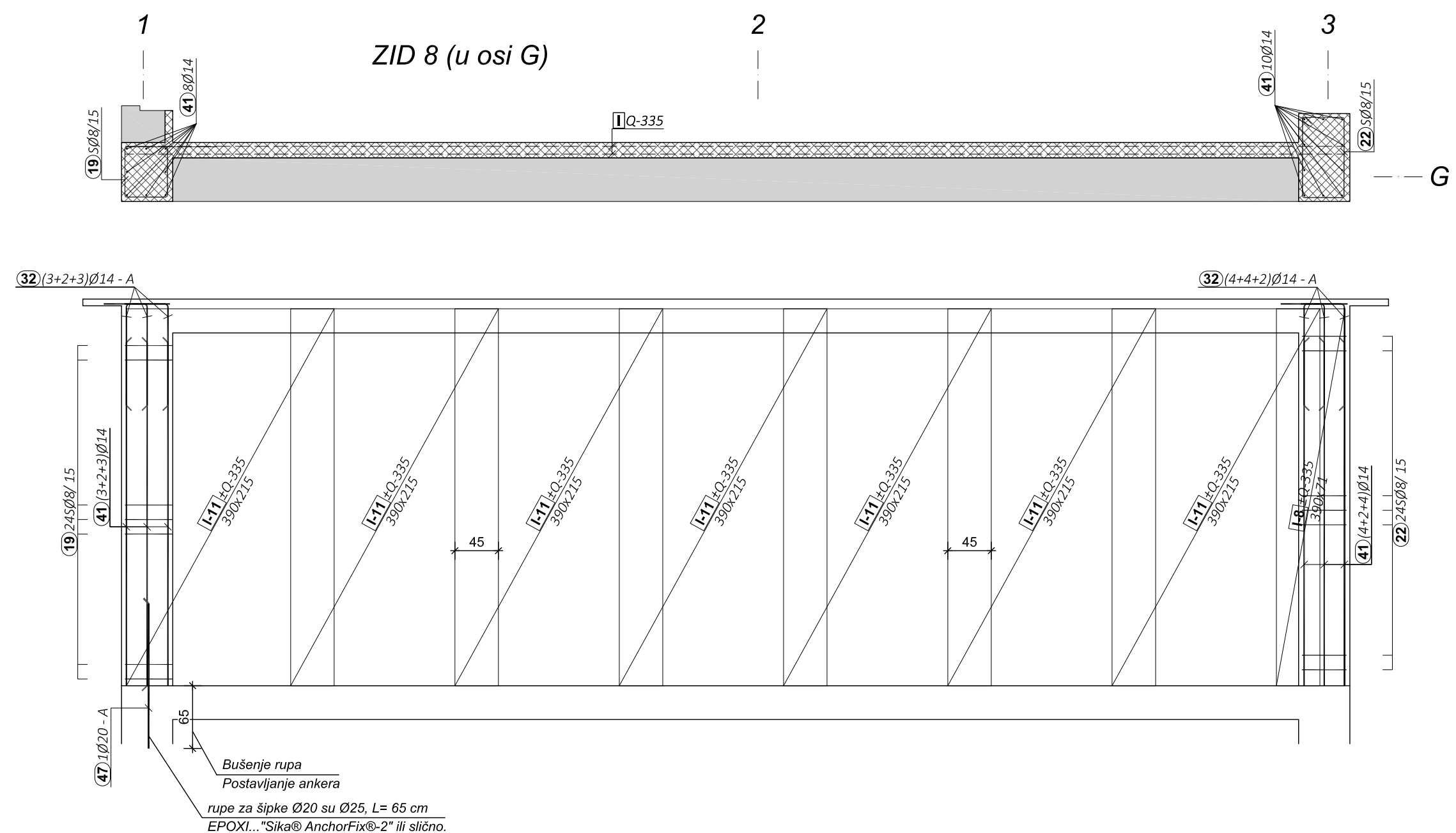
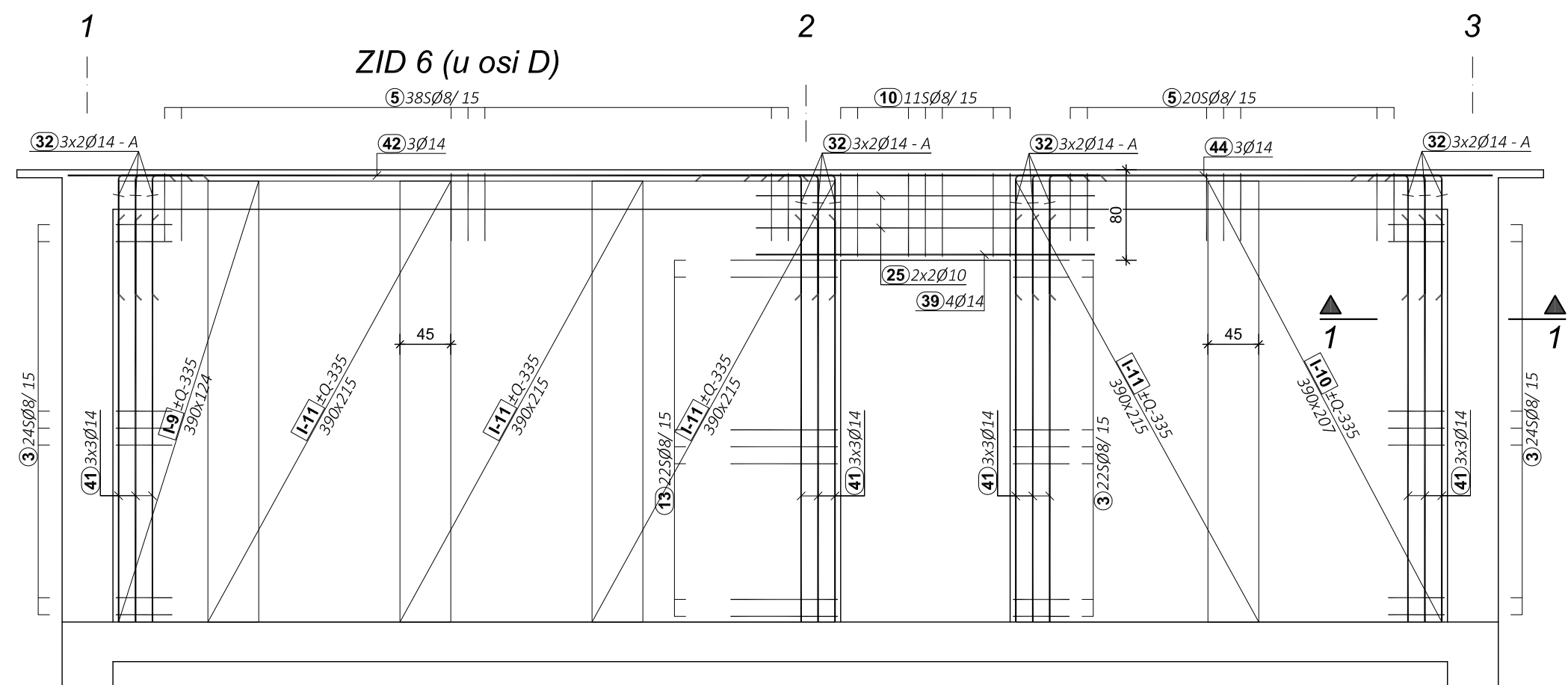
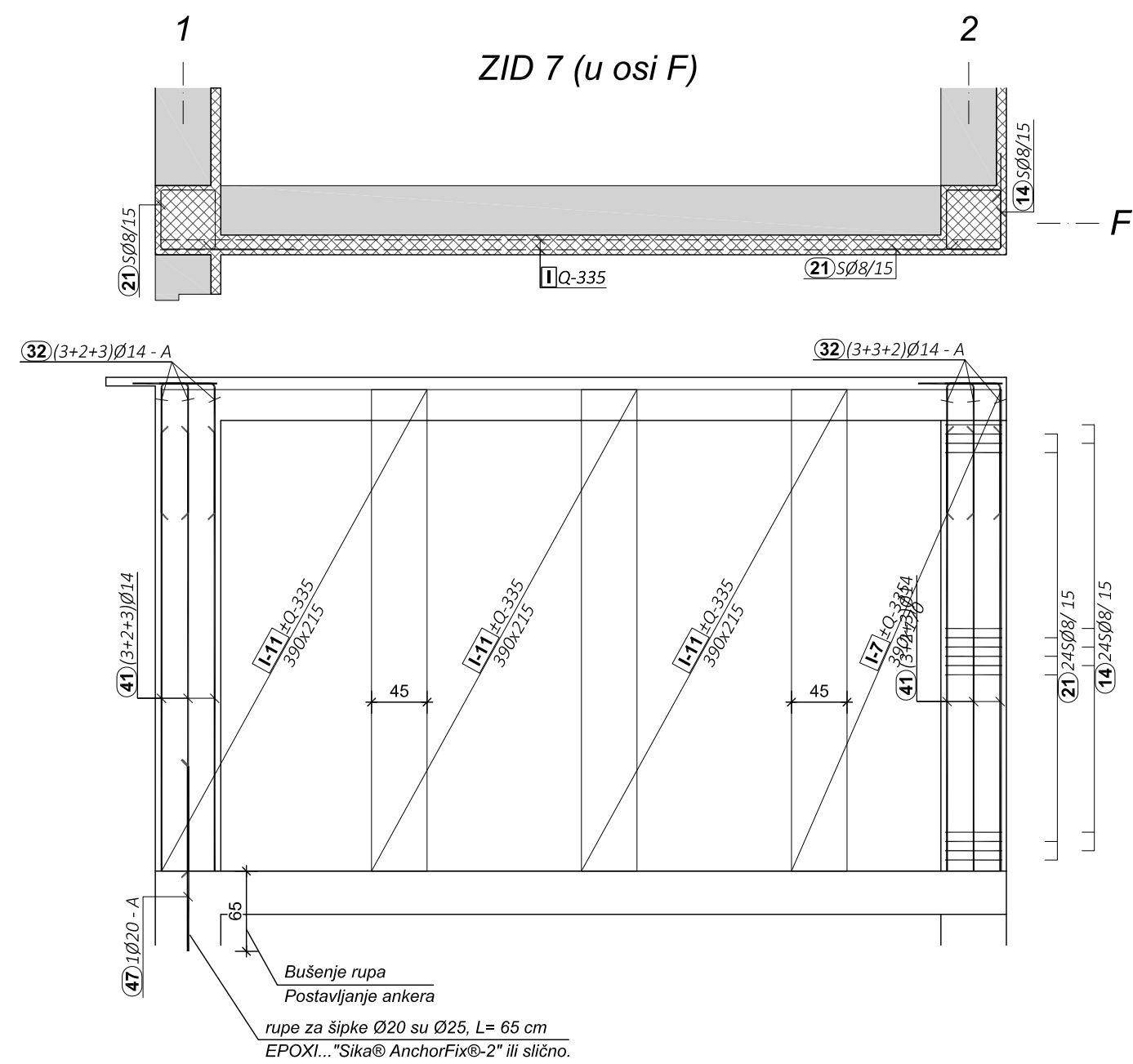
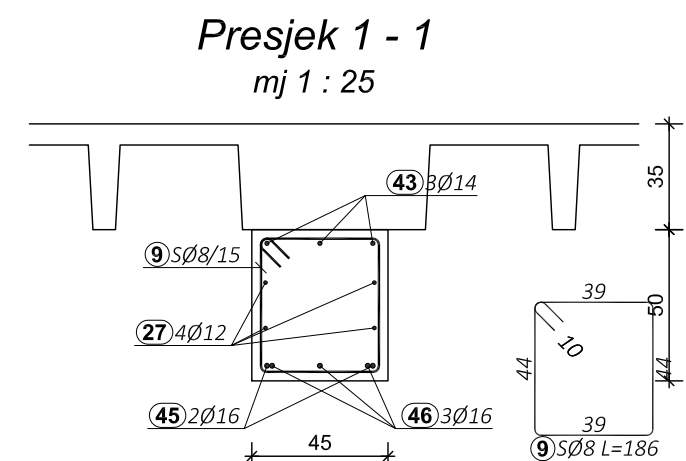
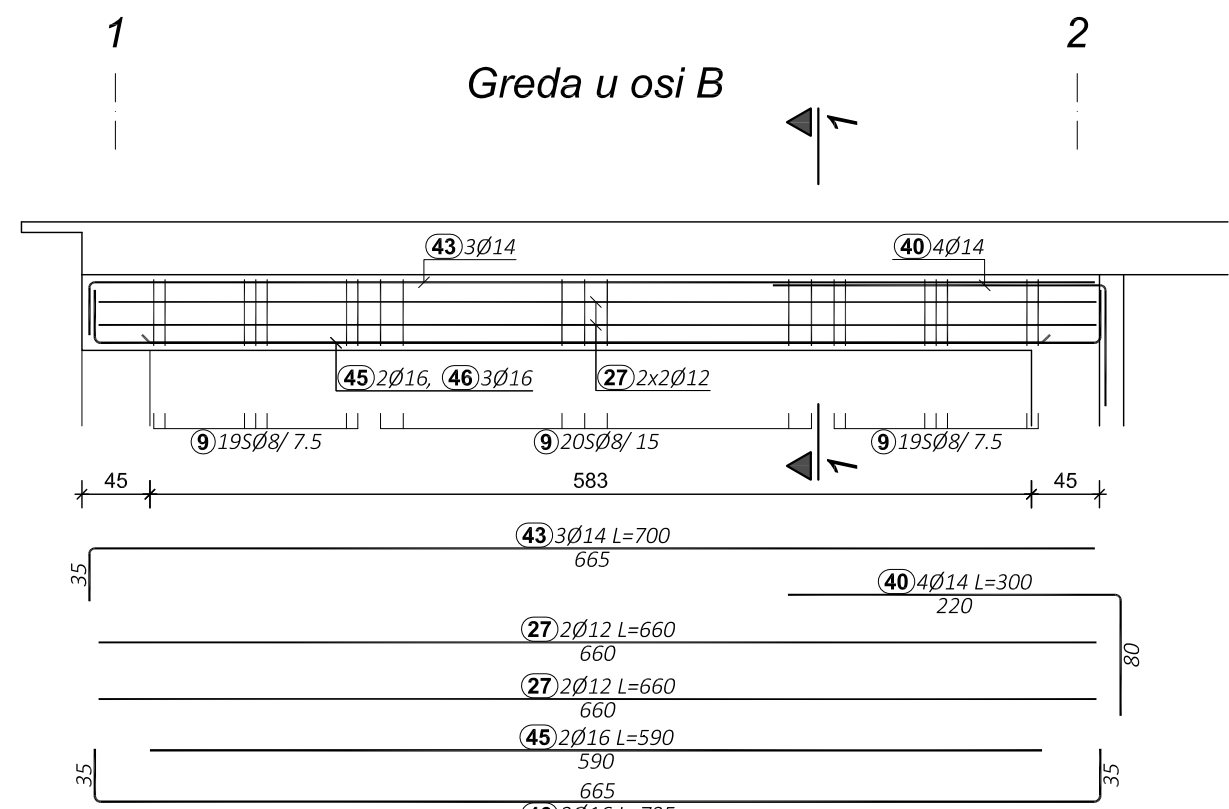
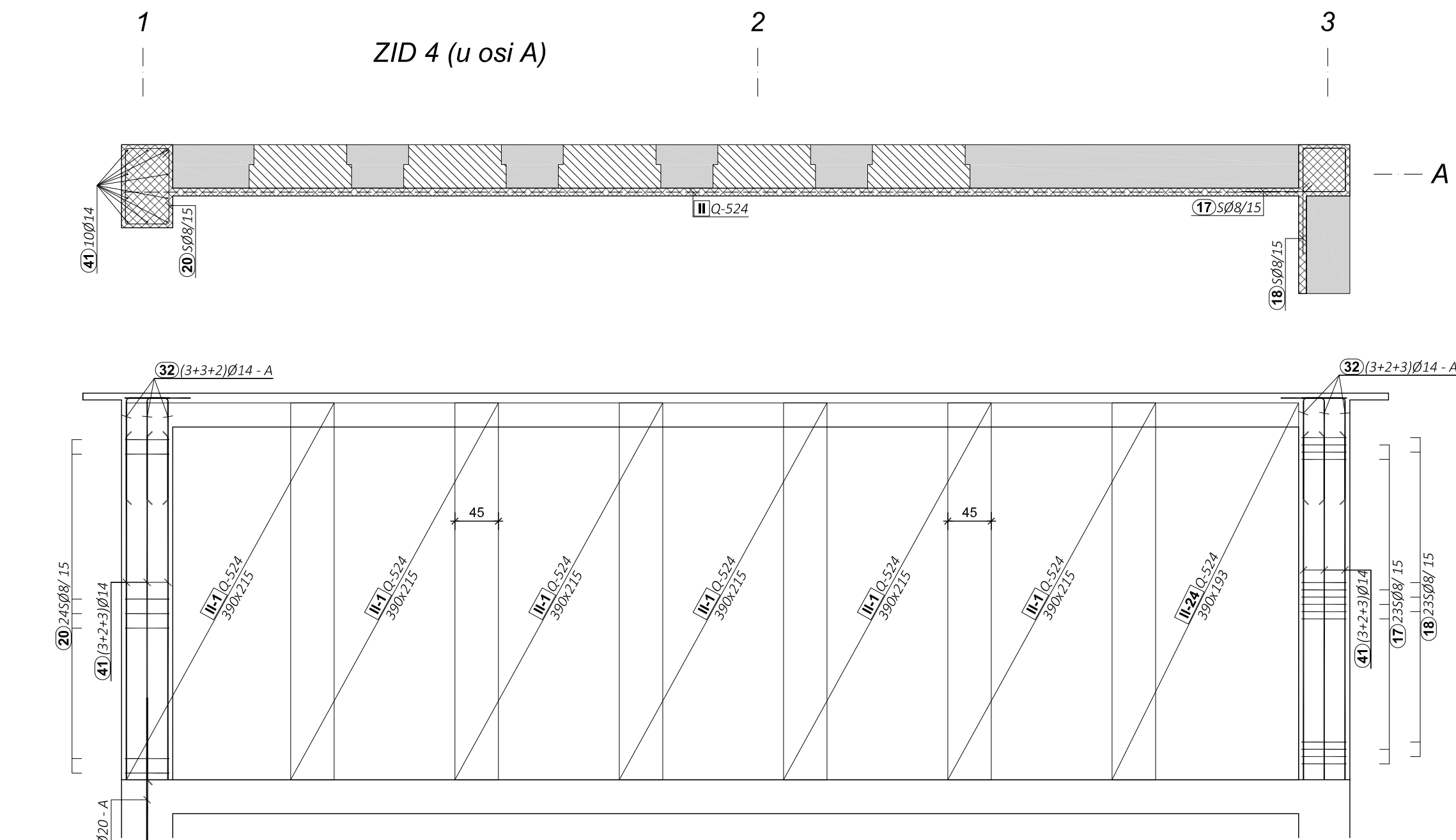
DATUM:  
09/2021

MJERILO:  
1:50

SADRŽAJ:  
ZIDOV I STUPOVI, V.S. KATA,  
GREDE IZNAĐ KATA

FORMAT:  
594x1051

LIST:  
5



Specifikacija tipike B500B						
Ozn.	Oblik i mjere [mm]	Ø [mm]	lg [mm]	n [kom]	lgn [mm]	
List 6						
3		8	1,14	140	158,60	
5		8	1,34	116	155,44	
9		8	1,88	58	107,88	
10		8	1,92	22	42,24	
13		8	2,04	44	89,76	
23		8	6,00	6	36,00	
25		10	3,00	8	24,00	
26		12	6,00	4	24,00	
27		12	6,60	4	26,40	
32		14	1,50	48	72,00	
39		14	3,00	8	24,00	
40		14	3,00	4	12,00	
41		14	3,55	82	291,10	
42		14	6,50	6	39,00	
43		14	7,00	3	21,00	
44		14	7,00	6	42,00	
45		16	5,90	2	11,80	
46		16	7,35	3	22,05	
47		20	1,50	1	1,50	

NAPOMENA!

Obavezan prema svim površine starog dijela konstrukcije (kvalitetno natopijen) impregnacijskim sredstvom (SN veza ili sl.) na dobro čeličnom četkom očišćenu (ohrapavljenu) podlogu.

Sve radove izvesti uz odgovor i kontrolu nadzornog inženjera konstrukcije... (po potrebnom odgovoriti dodatne zahtjeve...)

Konstruktivna armatura:

Koristi se za armiranje nepredviđenih detalja koje je projektom teško predvidjeti i prikazati!

KLASA BETONA:  
C 25/30

VRSTA ČELIKA:  
Šipke: B500B..... (Bet 500/550; RA 500/550)  
Mreže: B500A(B)..... (Bet 500/550; RA 500/550)

RAZRED IZLOŽENOSTI:  
XC1

RAZRED KONZISTENCIJE:  
S4

ZAŠTITNI SLOJEVI:  
C<sub>min</sub> = 2,5 cm

2			
1			
Revizija br.:	Datum:	Napomena:	Potpis:

**MAX-ING d.o.o.**

Biro za konstrukcije

Zagreb, Ivana Šibla 9

Glavni projektant: Željimir Vujanović, dipl.ing.arh.

Projektant konstrukcije: Gordana Vujanović, dipl.ing.grad.

Izradio: Elvis Oblik, struč.spec.ing.aedif.

Suradnik:

Direktor: Željimir Frančević, dipl.ing.grad.

INVESTITOR:

SISAČKO - MOSLAVAČKA ŽUPANIJA

Stjepana i Antuna Radića 36,

44000 Sisak, OIB: 82215698659

FAZA:

GRAĐEVINSKI PROJEKT -

GRAĐEVINA:

REKONSTRUKCIJA STRUKOVNE

ŠKOLE SISAK - PRENAMJENA

U UČEINIČKI DOM

Z.O.P.:

321

NOVI SISAK

T.D.:

984/20

LOKACIJA:

Lađarska 1, 44000 Sisak,

k.č.br. 321, k.o. Novi Sisak

DATUM:

09/2021

MJERILO:

1:50

SAHRZAJ:

ZIDOV I STUPOVI, V.S. KATA,

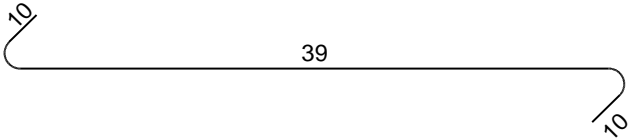
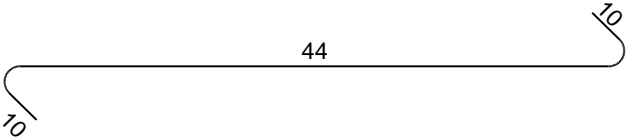
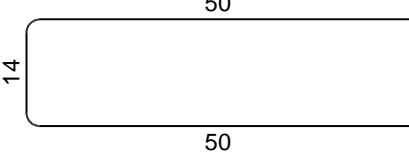
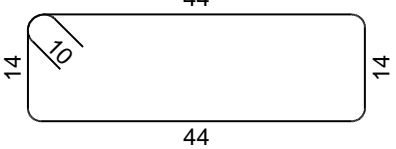
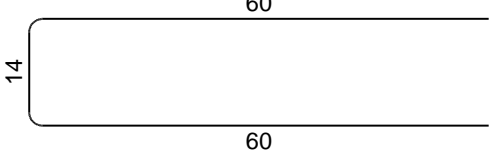
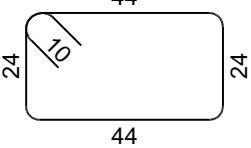
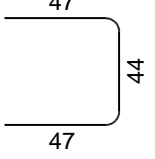
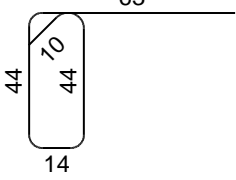
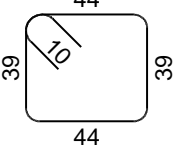
GREDE IZNAD KATA

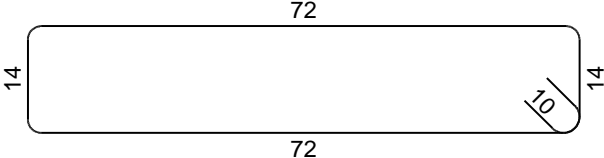
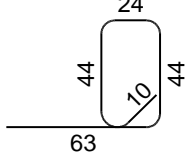
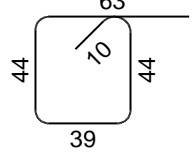
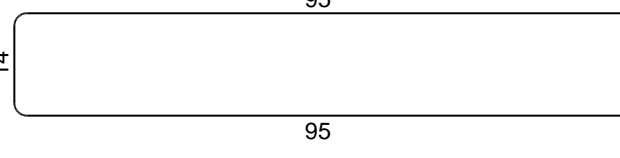
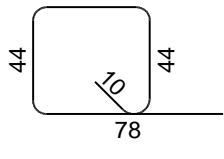
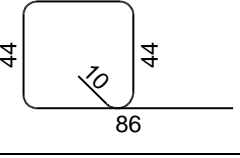
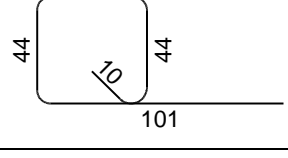
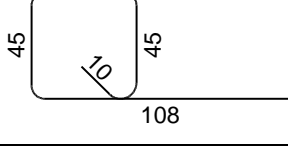
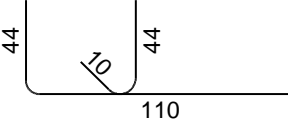
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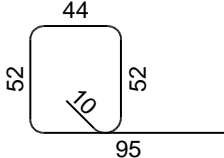
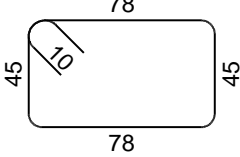
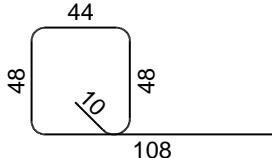
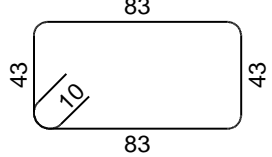

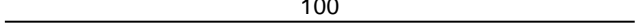
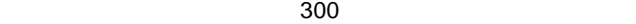


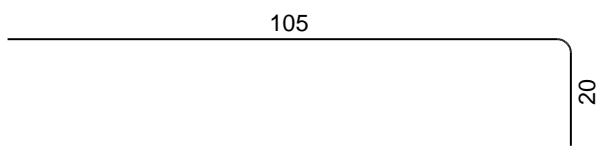
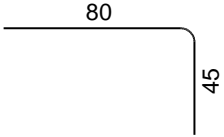
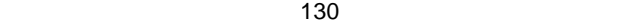
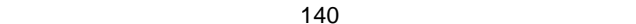
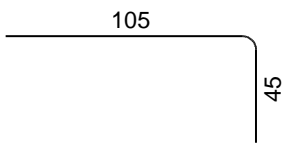

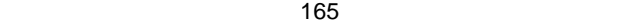
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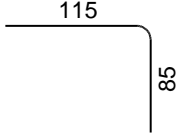
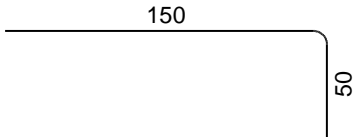
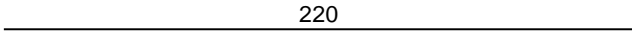
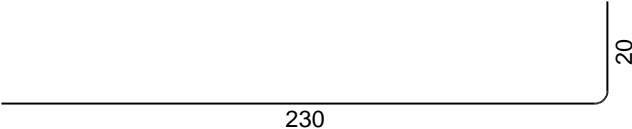
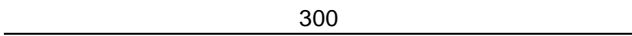
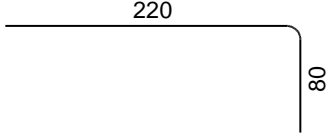
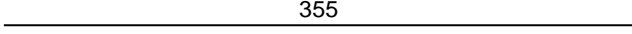
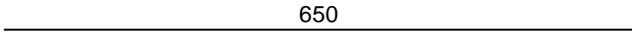
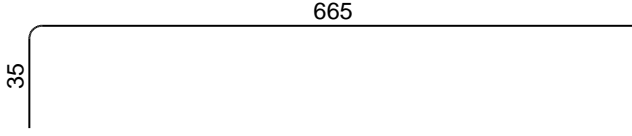
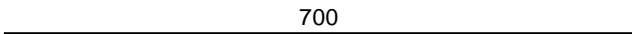
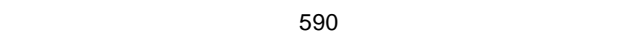
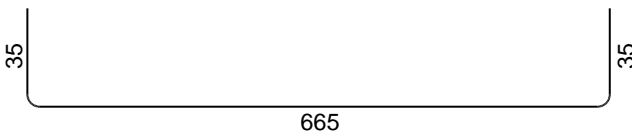
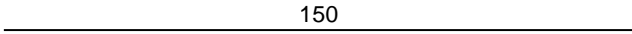
LIST:

6

Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lgn [m]
ZIDOVI, STUPOVI, V.S. KATA, GREDE IZNAD KATA / List 5,6					
1		8	0.59	23	13.57
2		8	0.64	23	14.72
3		8	1.14	140	159.60
4		8	1.36	42	57.12
5		8	1.34	116	155.44
6		8	1.56	16	24.96
7		8	1.38	15	20.70
8		8	1.75	341	596.75
9		8	1.86	74	137.64

Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
10		8	1.92	22	42.24
11		8	1.85	32	59.20
12		8	2.00	8	16.00
13		8	2.04	44	89.76
14		8	2.24	24	53.76
15		8	2.29	17	38.93
16		8	2.44	8	19.52
17		8	2.52	48	120.96
18		8	2.53	23	58.19

Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
19		8	2.53	24	60.72
20		8	2.66	24	63.84
21		8	2.58	24	61.92
22		8	2.72	24	65.28
23		8	6.00	6	36.00
24		10	1.00	71	71.00
25		10	3.00	8	24.00
26		12	6.00	4	24.00
27		12	6.60	4	26.40
28		14	1.25	30	37.50
29		14	1.25	48	60.00
30		14	1.30	18	23.40
31		14	1.40	6	8.40
32		14	1.50	149	223.50
33		14	1.50	4	6.00
34		14	1.65	3	4.95

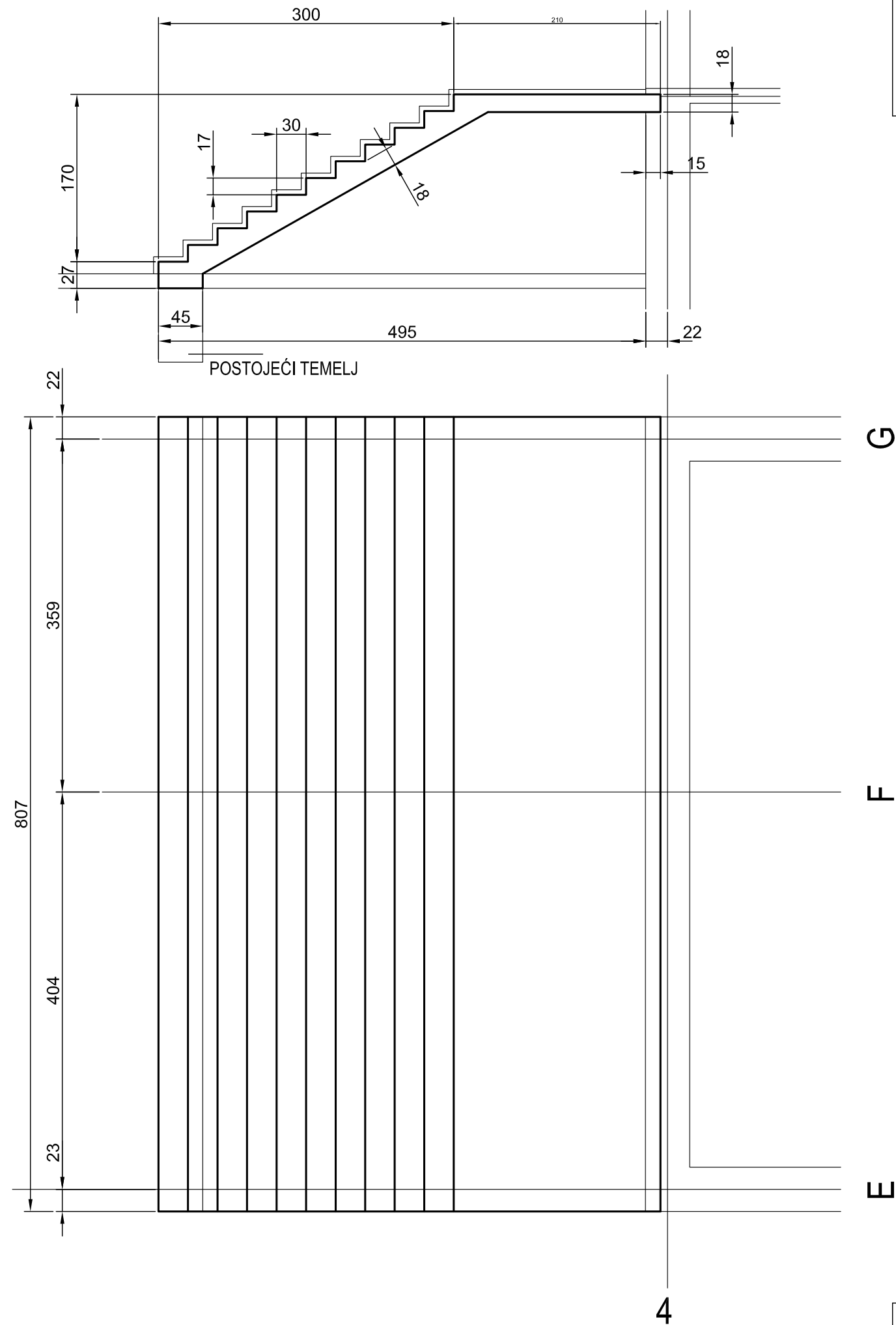
Specifikacija šipki: B500B					
Ozn.	Oblik i mjere [cm]	Ø [mm]	lg [m]	n [kom]	lg <sub>n</sub> [m]
35		14	2.00	51	102.00
36		14	2.00	3	6.00
37		14	2.20	66	145.20
38		14	2.50	3	7.50
39		14	3.00	8	24.00
40		14	3.00	4	12.00
41		14	3.55	206	731.30
42		14	6.50	6	39.00
43		14	7.00	3	21.00
44		14	7.00	6	42.00
45		16	5.90	2	11.80
46		16	7.35	3	22.05
47		20	1.50	3	4.50

Rekapitulacija šipki: B500B			
Ø [mm]	lgn [m]	Jedinična težina [kg/m']	Težina [kg]
B500B, Ø ≤ 12 mm			
8	1966.82	0.40	776.89
10	95.00	0.62	58.62
12	50.40	0.89	44.76
Ukupno: (B500B, Ø ≤ 12 mm)			880.26
B500B, Ø > 12 mm			
14	1493.75	1.21	1807.44
16	33.85	1.58	53.48
20	4.50	2.47	11.12
Ukupno: (B500B, Ø > 12 mm)			1872.04
Ukupno:			2752.30

ZBOG SPECIFIČNE VRSTE RADOVA, TE SMANJENJA POGREŠAKA KOD IZVOĐENJA PRIKAZANU ARMATURU IZ SPECIFIKACIJE PREPORUČA SE IZVODITI (BIGATI) NA GRADILIŠTU I/ILI NARUČIVATI PREMA FAZAMA ILI REDOSLIJEDU I TEHNOLOGIJI GRAĐENJA!



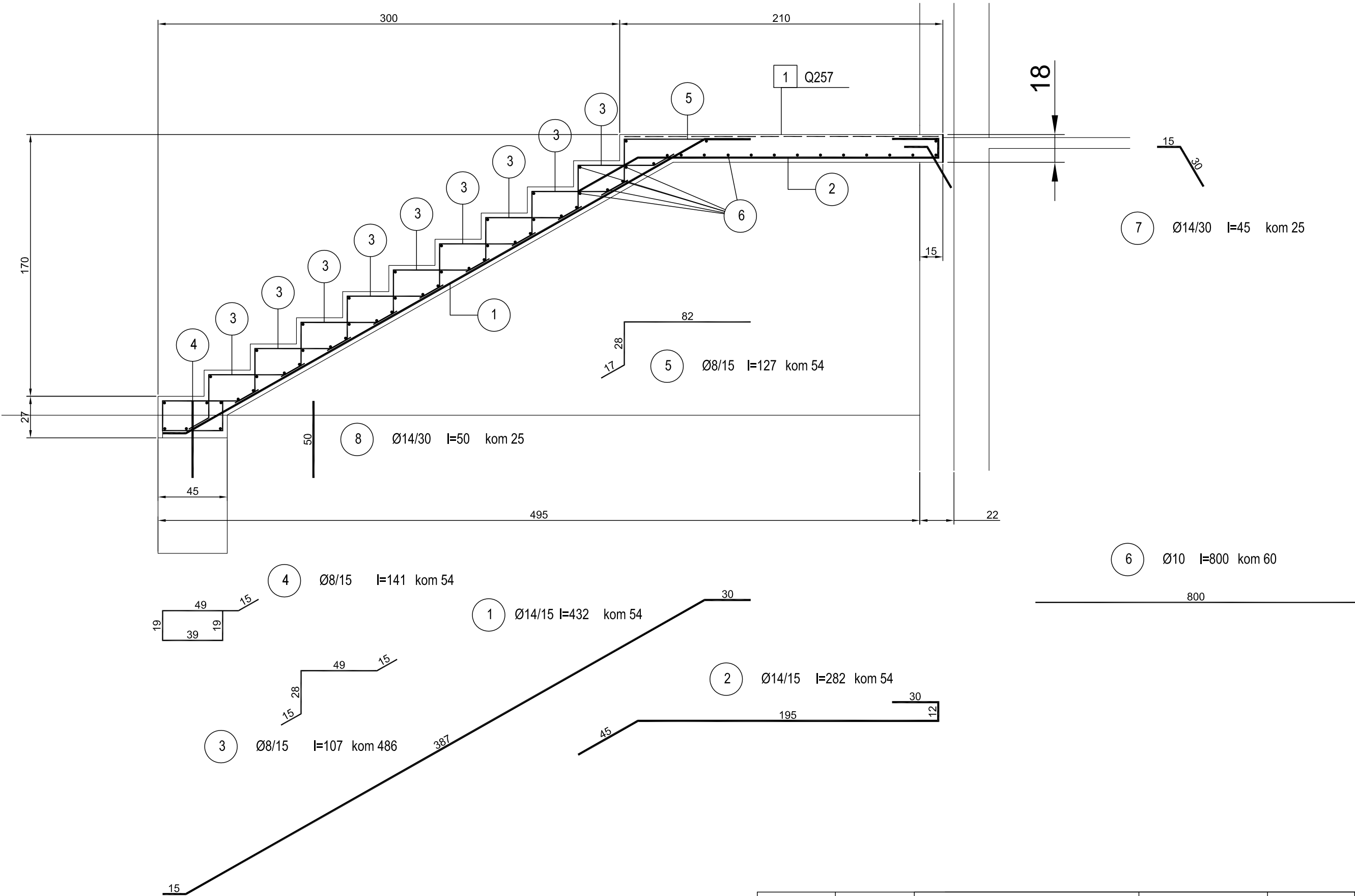
Specifikacija mreža: B500B						
Pozicija	Mreža	B [cm]	L [cm]	n [kom]	Jedini. težina [kg/m2]	Ukupna težina [kg]
ZIDOVI, STUPOVI, V.S. KATA, GREDE IZNAD KATA / List 5,6						
I	Q-335	215	600	2	5.45	140.61
I-7	Q-335	170	390	2	5.45	72.27
I-8	Q-335	71	390	2	5.45	30.18
I-9	Q-335	124	390	4	5.45	105.42
I-10	Q-335	207	390	4	5.45	175.99
I-11	Q-335	215	390	36	5.45	1645.14
II-1	Q-524	215	390	43	8.40	3028.66
II-2	Q-524	215	473	2	8.40	170.85
II-3	Q-524	215	176	1	8.40	31.79
II-4	Q-524	215	97	1	8.40	17.52
II-5	Q-524	80	473	1	8.40	31.79
II-6	Q-524	215	390	1	8.40	70.43
II-7	Q-524	215	390	1	8.40	70.43
II-8	Q-524	215	390	1	8.40	70.44
II-9	Q-524	215	390	1	8.40	70.44
II-10	Q-524	215	390	1	8.40	70.44
II-11	Q-524	215	390	1	8.40	70.44
II-12	Q-524	215	390	1	8.40	70.44
II-13	Q-524	215	390	1	8.40	70.44
II-14	Q-524	215	390	1	8.40	70.44
II-15	Q-524	215	390	1	8.40	70.44
II-16	Q-524	215	390	1	8.40	70.44
II-17	Q-524	215	390	1	8.40	70.44
II-18	Q-524	215	390	1	8.40	70.44
II-19	Q-524	215	390	1	8.40	70.44
II-20	Q-524	215	390	1	8.40	70.44
II-21	Q-524	215	390	1	8.40	70.44
II-22	Q-524	120	390	1	8.40	39.31
II-23	Q-524	120	390	1	8.40	39.31
II-24	Q-524	193	390	1	8.40	63.23
Ukupno:						6719.05



<b>MAX – ING</b> BIRO ZA KONSTRUKCIJE ZAGREB, I.Šibla 9	INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK		
	GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak		
	PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE		
	SADRŽAJ NACRTA	PLAN OPLATE ZA VANJSKO STUBIŠTE		MJERILO: 1:50

T.D. 984/20	DATUM: 09.2021.	PROJEKTANT: GORDANA VUJNOVIĆ, d.i.g.	RAZRADA:	BROJ PRILOGA: 3-10-01	LIST: 1
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<b>MAX – ING</b> BIRO ZA KONSTRUKCIJE ZAGREB, I.Šibla 9	INVESTITOR	SISAČKO-MOSLAVAČKA ŽUPANIJA, Stjepana i Antuna Radića 36, 44000 SISAK		
	GRAĐEVINA I LOKACIJA	REKONSTRUKCIJA STRUKOVNE ŠKOLE SISAK - PRENAMJENA U UČENIČKI DOM Lađarska 1, 44000 SISAK; k.č.br. 321, k.o. Novi Sisak		
	PROJEKT	IZVEDBENI PROJEKT - GRAĐEVINSKI PROJEKT - PROJEKT KONSTRUKCIJE		
	SADRŽAJ NACRTA	NACRT ARMATURE ZA VANJSKO STUBIŠTE		MJERILO: 1:25



T.D. 984/20	DATUM: 09.2021.	PROJEKTANT: GORDANA VUJNOVIĆ, d.i.g.	RAZRADA:	BROJ PRILOGA: 3-10-02	LIST: 1
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## ISKAZ ARMATURE

### VANJSKO STUBISTE

#### A) REBRASTI ČELIK B500B

POZ	ø mm	L/kom m	kom	dužina po profilu				
				8 m	10 m	14 m	m	m
1	14	4,32	54			233,28		
2	14	2,82	54			152,28		
3	8	1,07	486	520,02				
4	8	1,41	54	76,14				
5	8	1,27	54	68,58				
6	10	8,00	60		480,00			
7	14	0,45	25			11,25		
8	14	0,50	25			12,50		
ukupno po profilu (m)				664,74	480,00	409,31	0,00	0,00
jedinična težina (kg/m)				0,395	0,617	1,208	0,000	0,000
težina po profilu (kg)				262,3	295,9	494,6	0,0	0,0

ukupno kg 1053

#### B) ARMATURNE MREŽE B500B

POZ	TIP	širina m	dužina m		kom	jed.tež kg/m2	površina m2	težina kg
1	Q257	2,10	4,30		2	4,0	18,1	72,9

kg 73

UKUPNO A+B kg 1126

#### C) KOLIČINA BETONA

C25/30	m3	10,50
pokazatelj	kg/m3	107,2