

INVESTITOR : „KOMUNALAC“ d.o.o. Bjelovar  
F. Livadi a 14a, Bjelovar

GRAĐEVINA : Rekonstrukcija autobusnog kolodvora  
**RECIKLAŽNO DVORIŠTE**

LOKACIJA : **BJELOVAR**, Ul. Tomaša G. Masaryka  
est.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

TVRSTKA  
PROJEKTANTA : **PROJEKT** d.o.o . za projektiranje  
i građenje, Bjelovar

T.D. : 44/14-I

ZOP. : Z - 4/14

**IZVEDBENI GRAĐEVINSKI PROJEKT**

**PLAN SAVIJANJA BETONSKOG ELIKA**

**RADIONIČKA DOKUMENTACIJA ELIČNE**

**KONSTRUKCIJE**

**MAPA II**

PROJEKTANT : **MIROSLAV PRGIN**, dipl.ing.gra .

PROJEKTANT SURADNIK : **TOMISLAV PRGIN**, stru .spec.ing.aedif.

U Bjelovaru , rujan 2014.

**za “PROJEKT “ :**

direktor

Miroslav Prgin , dipl.ing.gra

**Popis projekata sastavnih dijelova IZVEDBENOG projekta : ZOP : Z – 4/14**

- MAPA I - Izvedbeni projekt - Arhitektonski projekt i  
Građevinski projekt – projekt prometnih površina i okoliša  
projektant „ Arting „ d.o.o. Bjelovar TD 140/13-izv.*
- MAPA II - Izvedbeni građevinski projekt - projekt konstrukcije  
projektant: „Projekt „ d.o.o. Bjelovar TD 44/14-I*
- MAPA III - Izvedbeni projekt elektrotehničkih instalacija  
projektant : „ IPS " d.o.o. Bjelovar TD 25 /14*
- MAPA IV - Izvedbeni strojarski projekt - projekt vodovoda i kanalizacije  
projektant : „Sabolić“ d.o.o. Bjelovar TD 06/14*
- MAPA V - Troškovnici*

**SADRŽAJ PREDMETNOG PROJEKTA :****1. PLAN SAVIJANJA BETONSKOG ČELIKA****1.1. ZGRADA ZA BALIRANJE**

**LIST 1** 6 PL. POS. ARM. TEM. TR. I POD. PLO E ZGRADE ZA BALIRANJE  
ISKAZ ARMATURE

**1.2. NADSTREŠNICA**

**LIST 2** 6 PL. POS. ARMATURE TEM. TR. I POD. PLO E NADSTREŠNICE  
ISKAZ ARMATURE

**2. RADIONIČKA DOKUMENTACIJA ČELIČNE KONSTRUKCIJE****2.1. ZGRADA ZA BALIRANJE**

**LIST 3** 6 TLOCRTNA DISPOZICIJA KONSTRUKCIJE ZGRADE ZA BALIRANJE

**LIST 4** 6 RADIONI I NACRT ZABATNIH OKVIRA U OSIMA 1 i 5

**LIST 5** 6 RADIONI I NACRT OKVIRA U OSIMA 2 i 4

**LIST 6** 6 RADIONI I NACRT OKVIRA U OSI 3

**LIST 7** 6 RAD. NACRT VERT. I KROVNOG SPREGA TE SEKUNDARCA

**LIST 8** 6 DETALJI SPOJEVA

**LIST 9** 6 RADIONI I NACRT TAPPOVA I PLO A

**LIST 10** 6 RADIONI I NACRT NOSA A FASADE U OSI 1

**LIST 11** 6 RADIONI I NACRT NOSA A FASADE U OSI 5

**LIST 12** – RADIONI I NACRT NOSA A FASADE U OSIMA A i B

**LIST 13** – DETALJI SPO. I RAD. NACRTI TAPPOVA I PLO A NOSA A FASADE  
ISKAZ MATERIJALA

**2.1. NADSTREŠNICA**

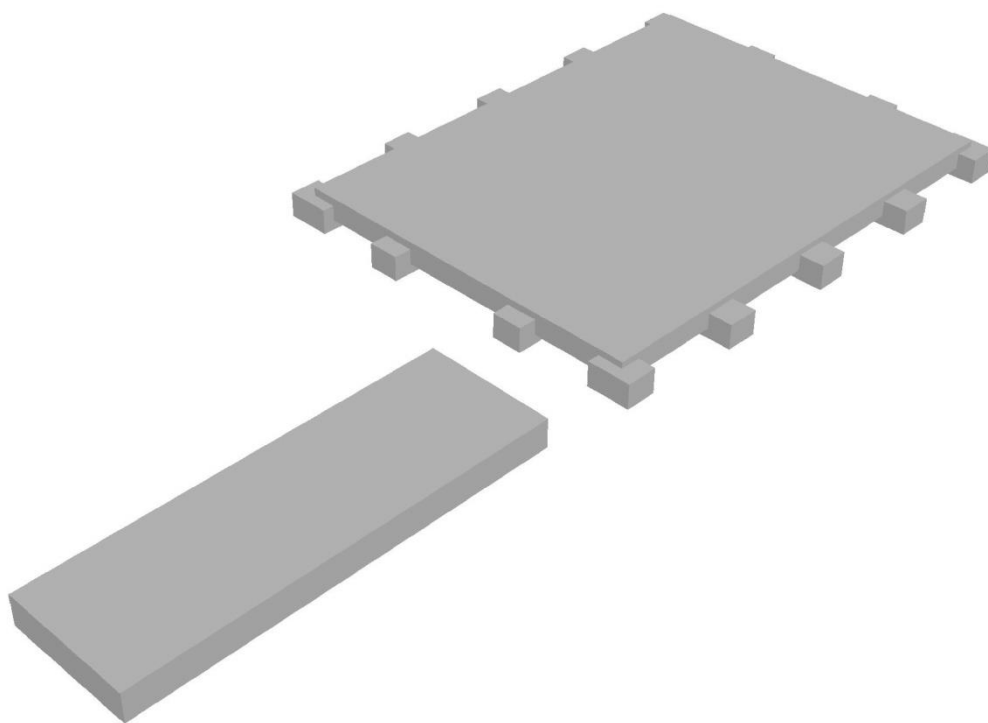
**LIST 14** 6 TLOCRTNA DISPOZICIJA KONSTRUKCIJE NADSTREŠNICE

**LIST 15** – RAD. NA. OKVIRA, VERT. SPREGA, KR. SPREGA I SEKUNDARACA

**LIST 16** – DETALJI SPOJEVA I RADIONI KI NACRTI TAPPOVA I PLO A  
ISKAZ MATERIJALA

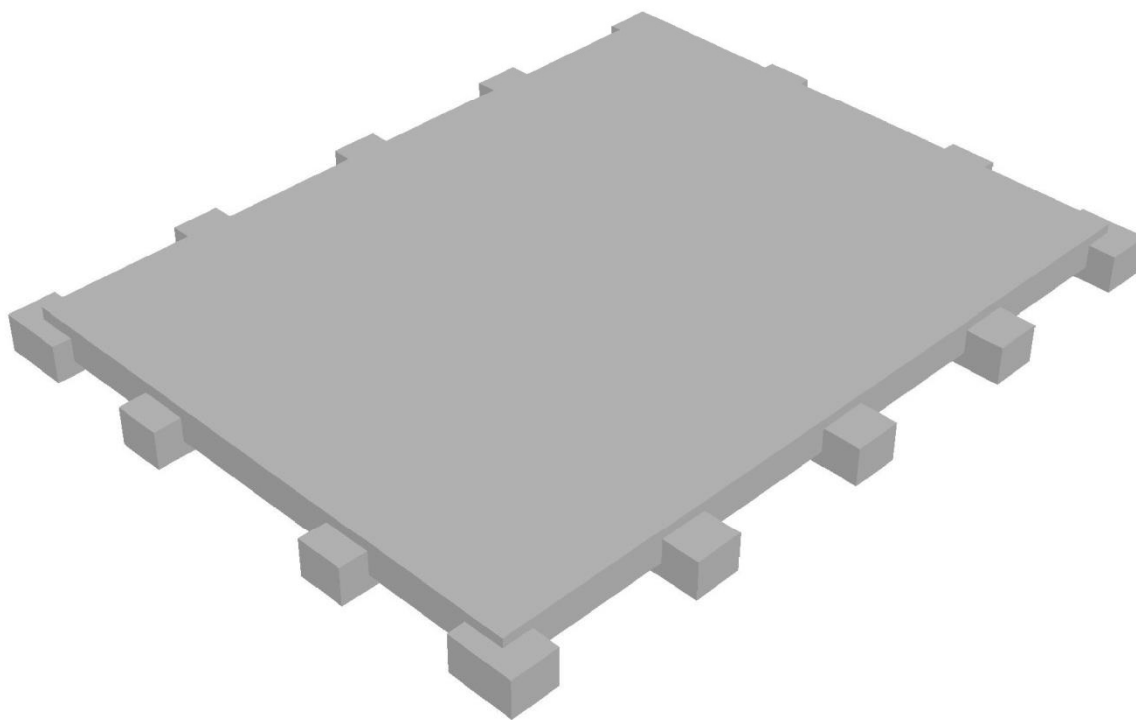
**3. REKAPITULACIJA MATERIJALA**

# 1. PLAN SAVIJANJA BETONSKOG ČELIKA

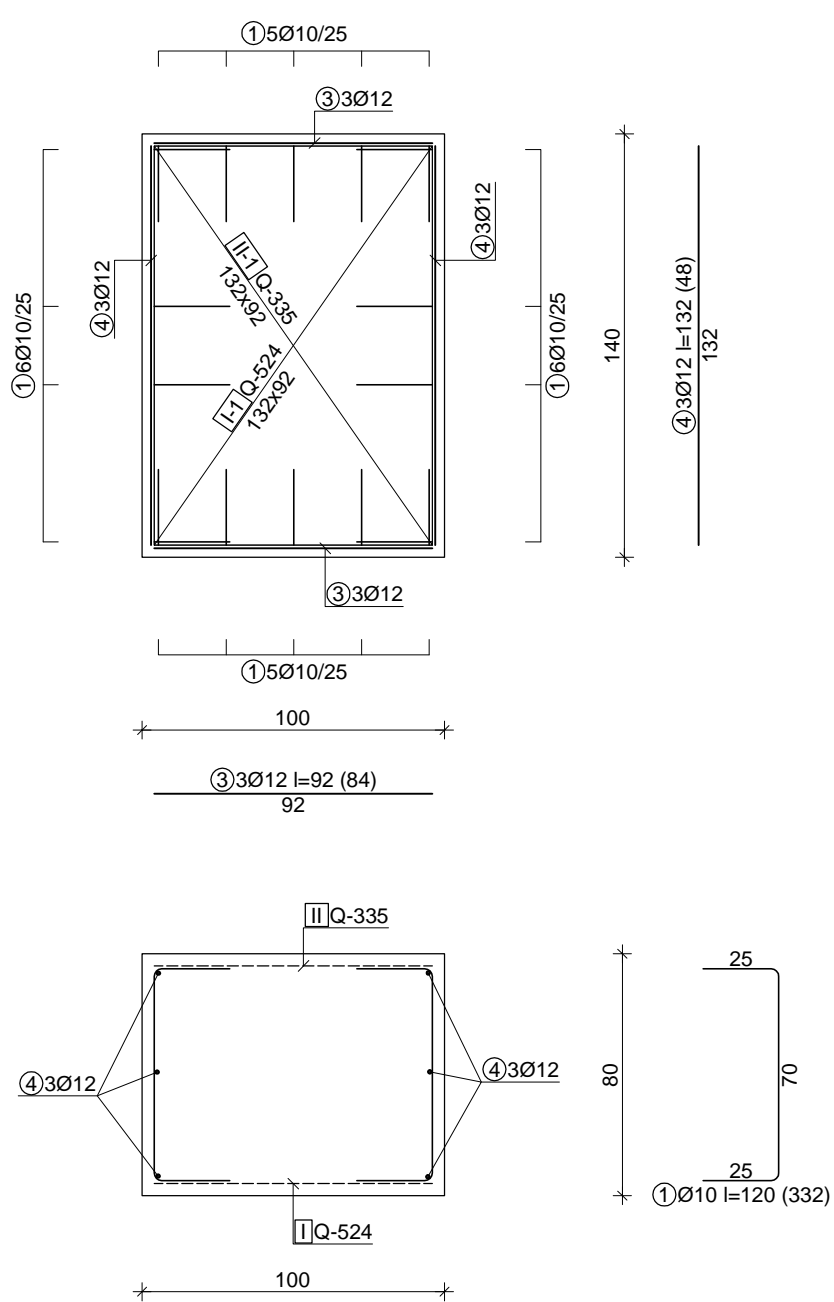
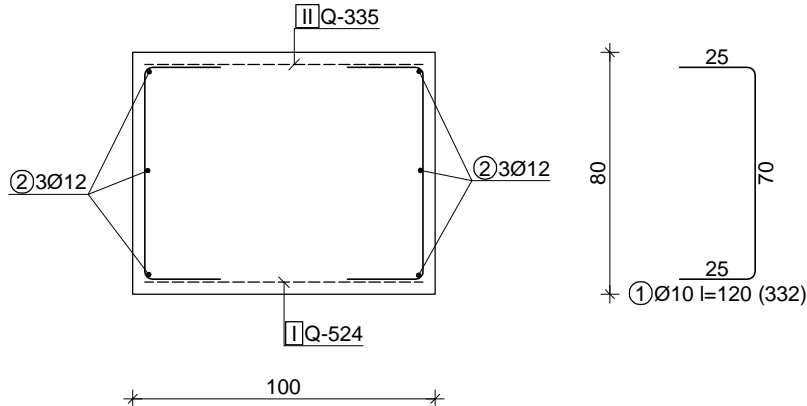




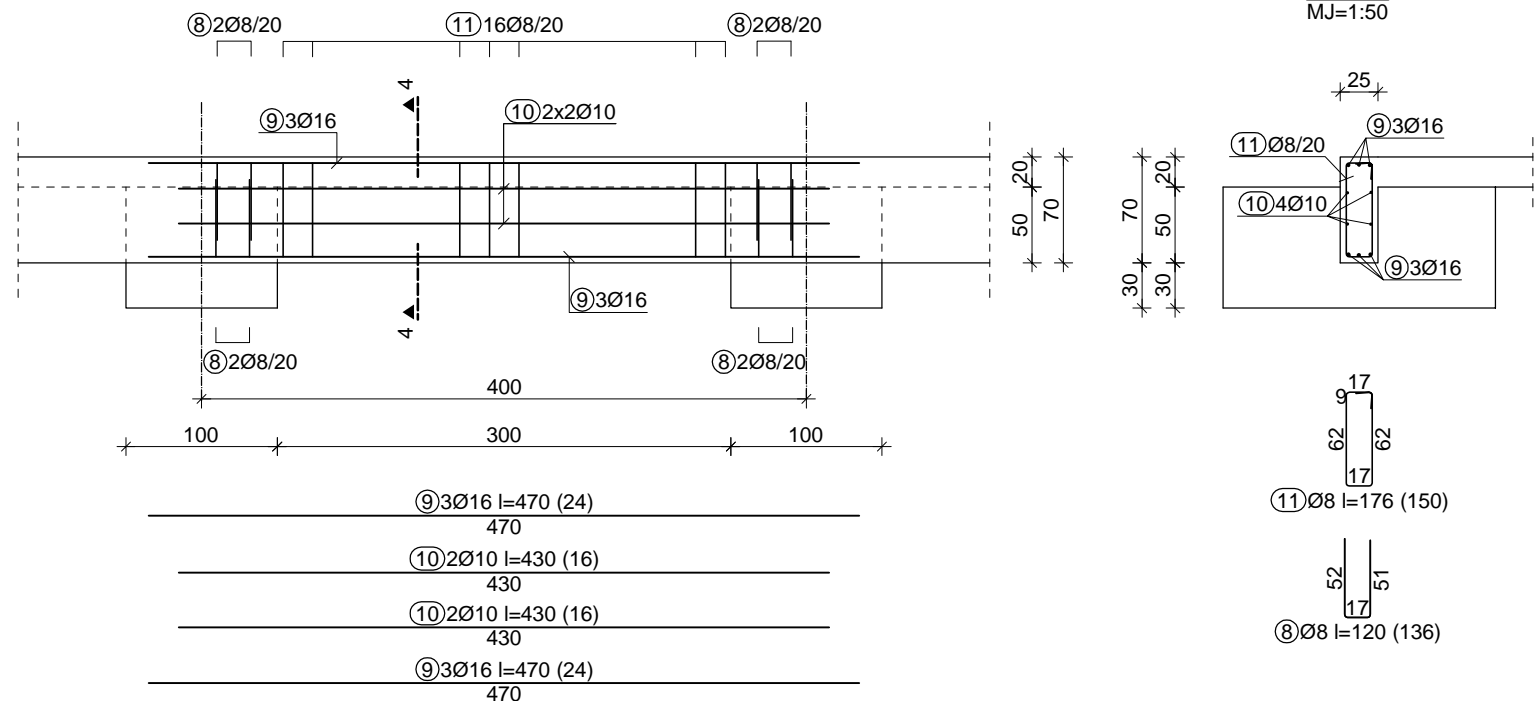
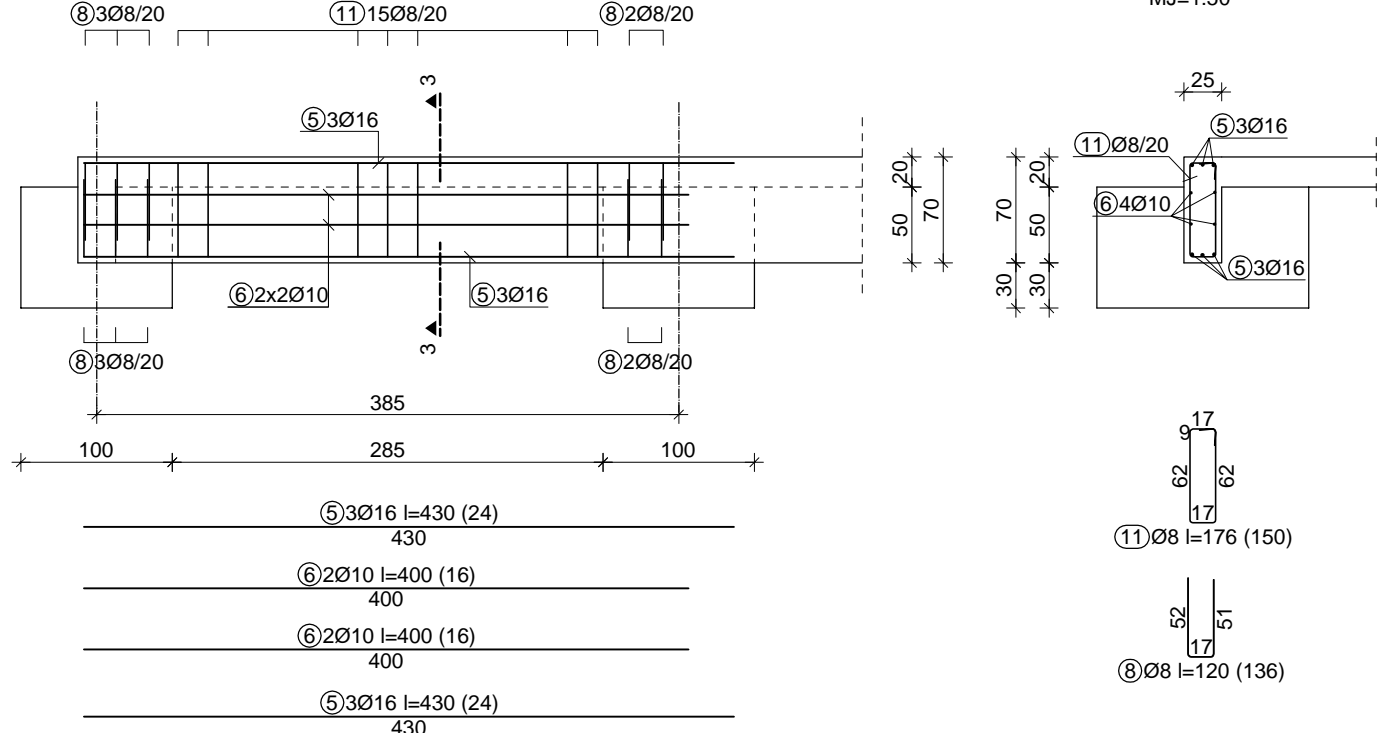
## 1.1. ZGRADA ZA BALIRANJE



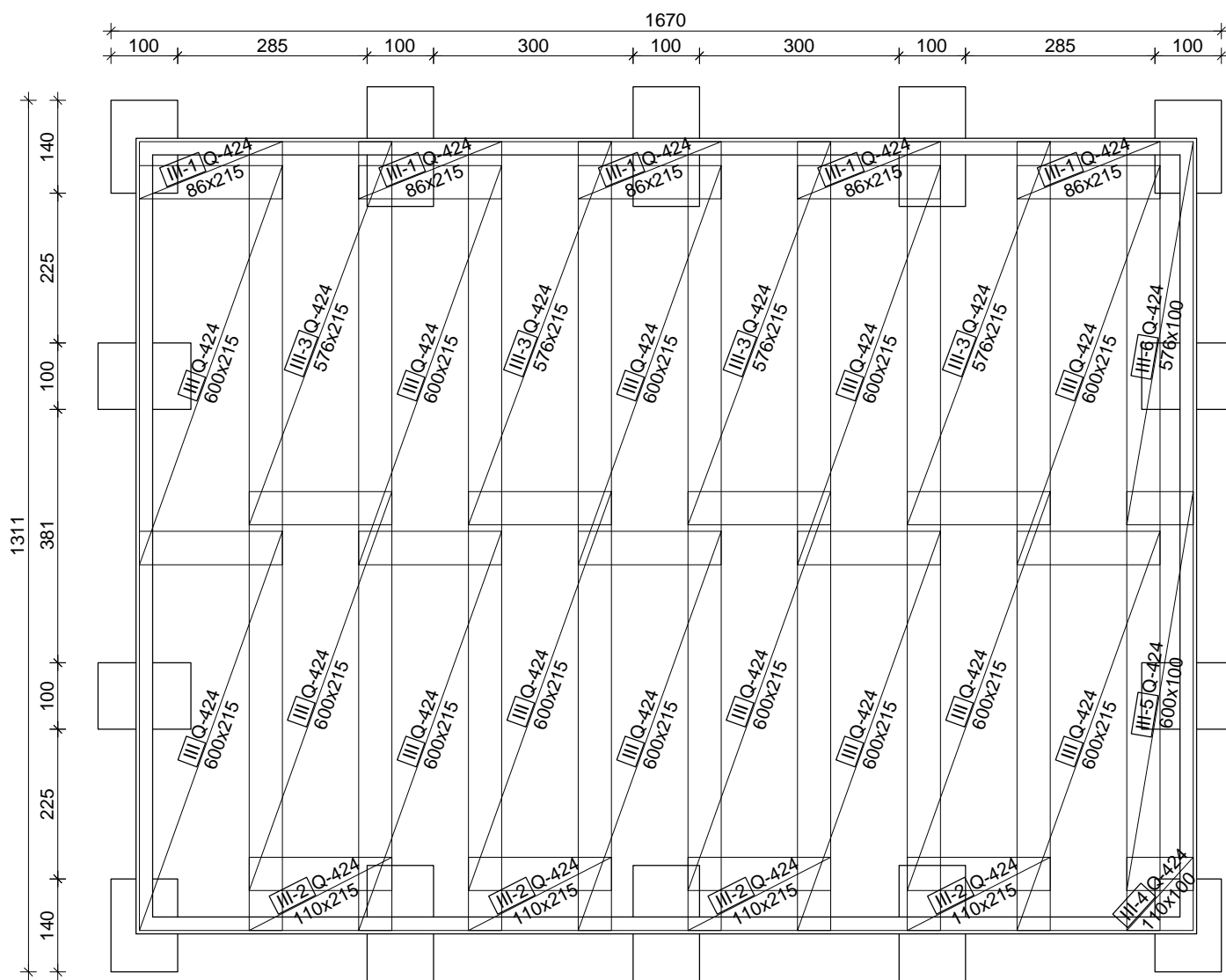
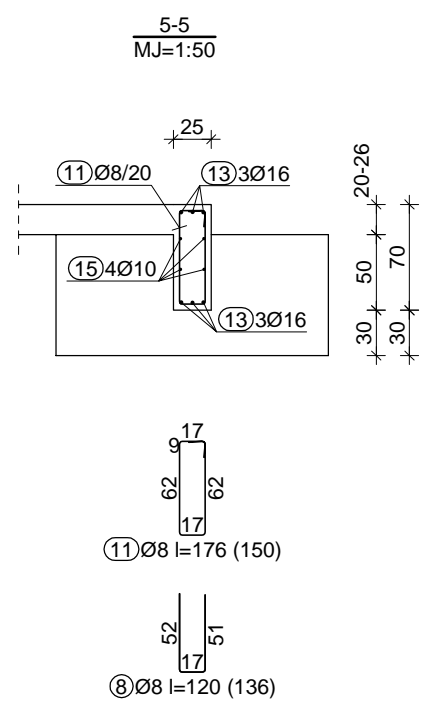
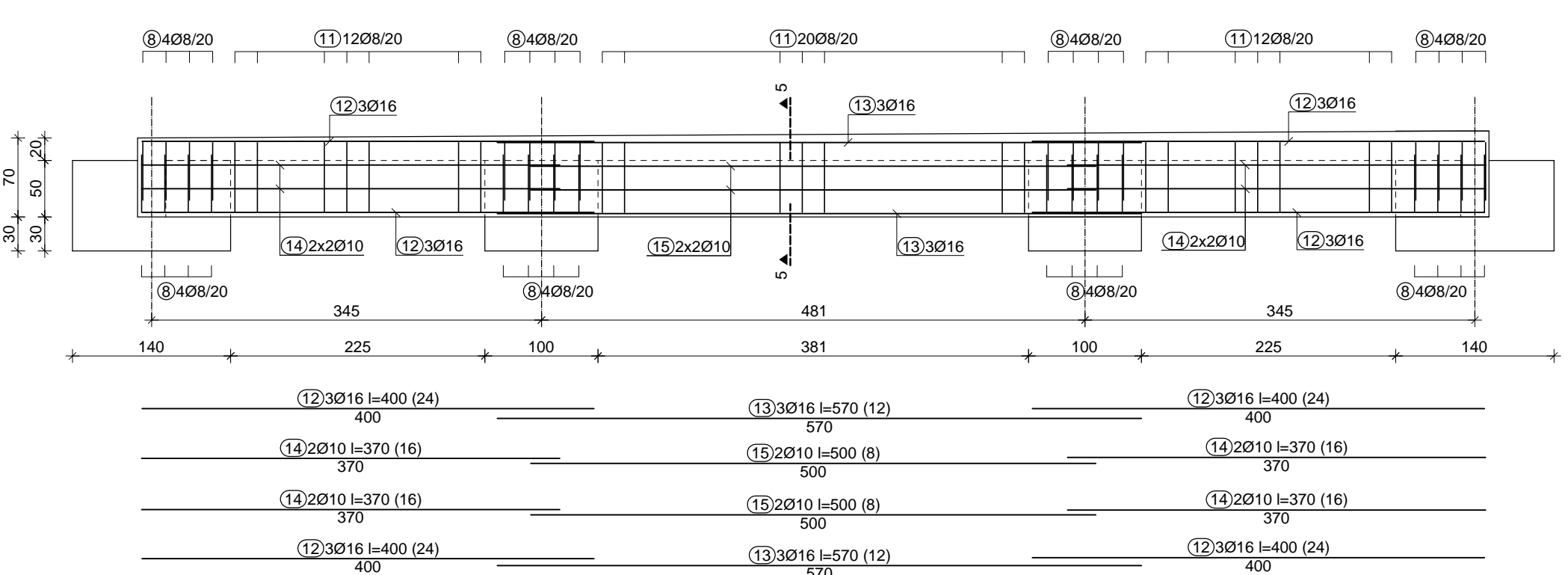
**TEMELJI SAMCI TS2**, 100/140, kom.8, mj.:1.25



TEMELJE GREDE **TG4**, 25/70, kom.2



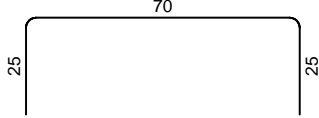
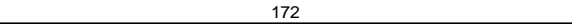

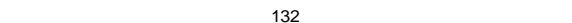
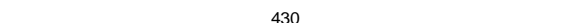

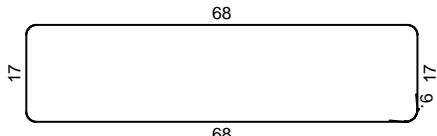
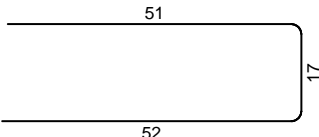
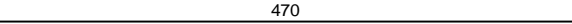
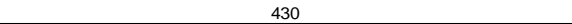
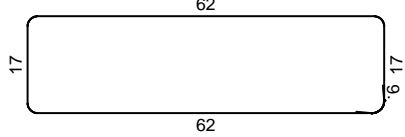

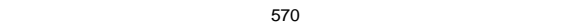
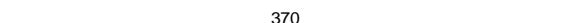

TEMELJE GREDE **TG5**, 25/70, kom.2



PLAN POSTAVE ARMATURNIH MREŽA GORNJE ZONE  
 PODNE PLO E hpl=20-26 cm

BETONSKI ČELIK : B500B

44/141	07/11/2012	1.100,00,00	1
--------	------------	-------------	---

Tipke - specifikacija					
ozn	oblik i mjere [cm]	Ø	lg [m]	n [kom]	lgn [m]
TEMELJNA KONSTRUKCIJA ZGRADE ZA BALIRANJE (1 kom)					
1		10	1.20	332	398.40
2		12	1.72	36	61.92
3		12	0.92	84	77.28
4		12	1.32	48	63.36
5		16	4.30	24	103.20
6		10	4.00	16	64.00
7		8	1.88	62	116.56
8		8	1.20	136	163.20
9		16	4.70	24	112.80
10		10	4.30	16	68.80
11		8	1.76	150	264.00
12		16	4.00	24	96.00
13		16	5.70	12	68.40
14		10	3.70	16	59.20
15		10	5.00	8	40.00

Tipke - rekapitulacija			
Ø [mm]	lgn [m]	Jedini na teŕina [kg/m']	Teŕina [kg]
B550B			
8	543.76	0.40	214.79
10	630.40	0.62	388.96
12	202.56	0.89	179.87
16	380.40	1.58	601.03
Ukupno			1384.65

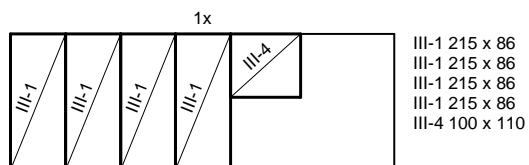
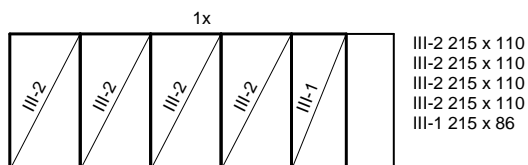
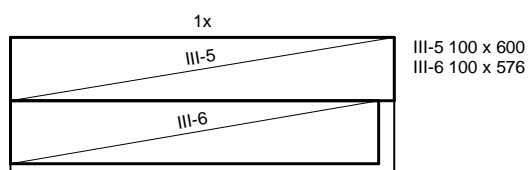
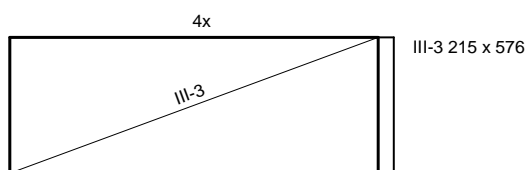
Mre0e - specifikacija						
Pozicija	Oznaka mre0e	B [cm]	L [cm]	n	Jedini na te0ina [kg/m2]	Ukupna te0ina [kg]
TEMELJNA KONSTRUKCIJA ZGRADE ZA BALIRANJE (1 kom)						
I-1	Q-524	92	132	8	8.40	81.61
I-2	Q-524	92	172	6	8.40	79.75
II-1	Q-335	92	132	8	5.45	52.95
II-2	Q-335	92	172	6	5.45	51.74
III	Q-424	215	600	14	6.81	1229.89
III-1	Q-424	215	86	5	6.81	62.95
III-2	Q-424	215	110	4	6.81	64.42
III-3	Q-424	215	576	4	6.81	337.34
III-4	Q-424	100	110	1	6.81	7.49
III-5	Q-424	100	600	1	6.81	40.86
III-6	Q-424	100	576	1	6.81	39.23
IV	Q-257	215	600	14	4.16	751.30
IV-1	Q-257	215	86	5	4.16	38.45
IV-2	Q-257	215	110	4	4.16	39.35
IV-3	Q-257	215	576	4	4.16	206.07
IV-4	Q-257	100	110	1	4.16	4.58
IV-5	Q-257	100	600	1	4.16	24.96
IV-6	Q-257	100	576	1	4.16	23.96
Ukupno						3136.89

Mre0e - rekapitulacija			
Oznaka mre0e	B [cm]	L [cm]	n
Q-424	215	600	21
Q-257	215	600	21
Q-524	215	600	2
Q-335	215	600	2

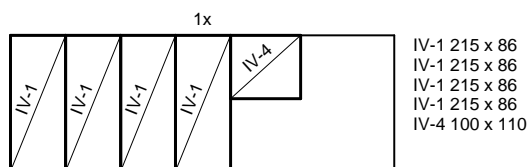
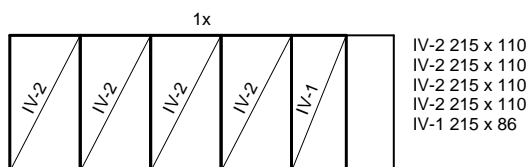
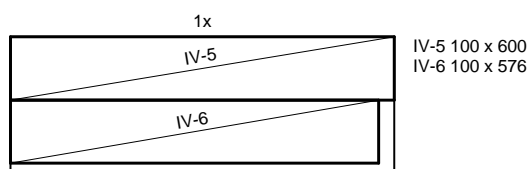
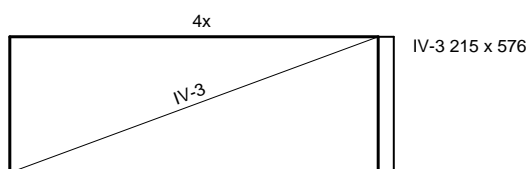
Mre0e - plan rezanja

TEMELJNA KONSTRUKCIJA ZGRADE ZA BALIRANJE

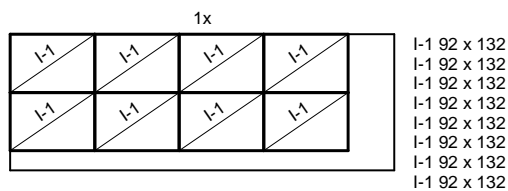
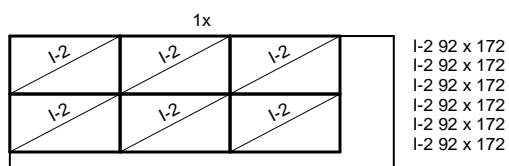
Q-424



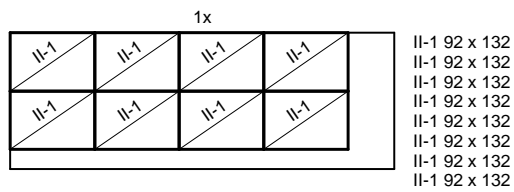
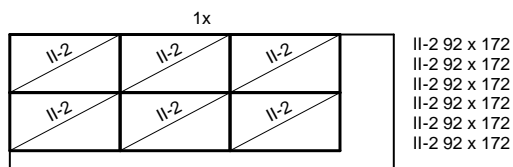
Q-257



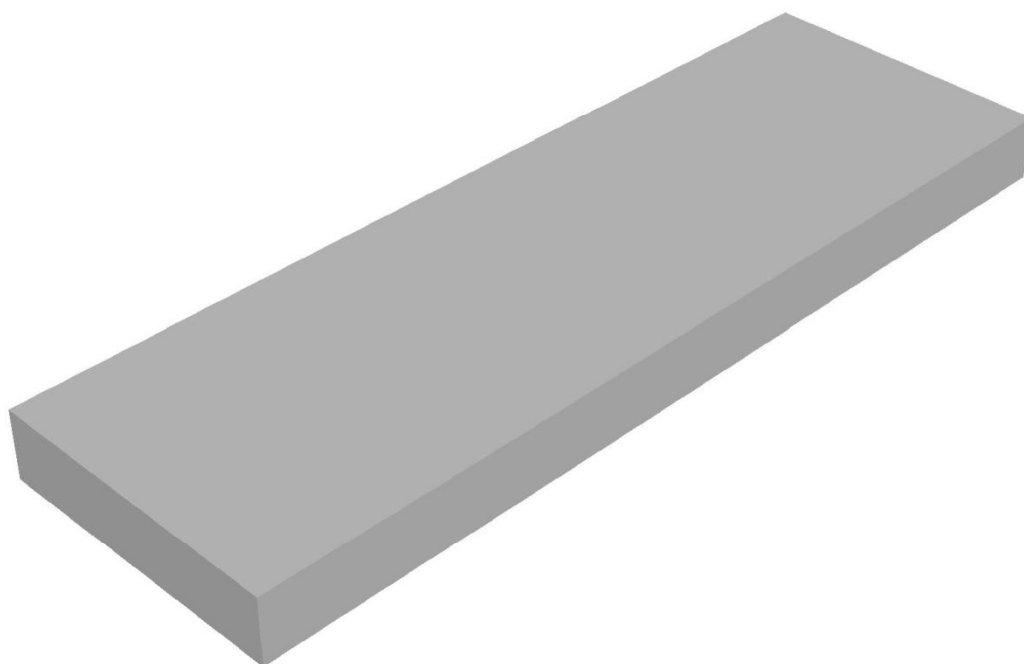
Q-524



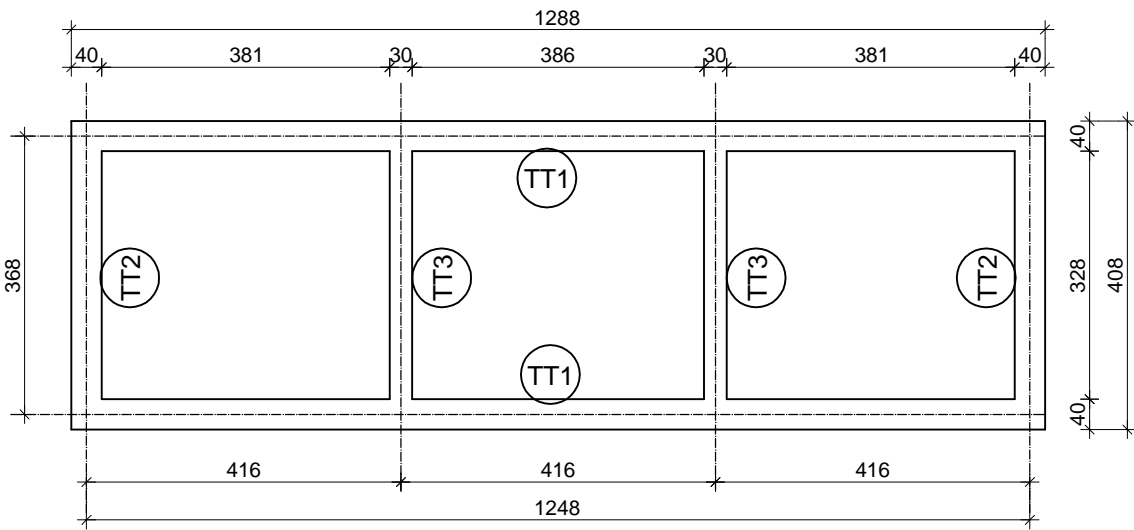
Q-335



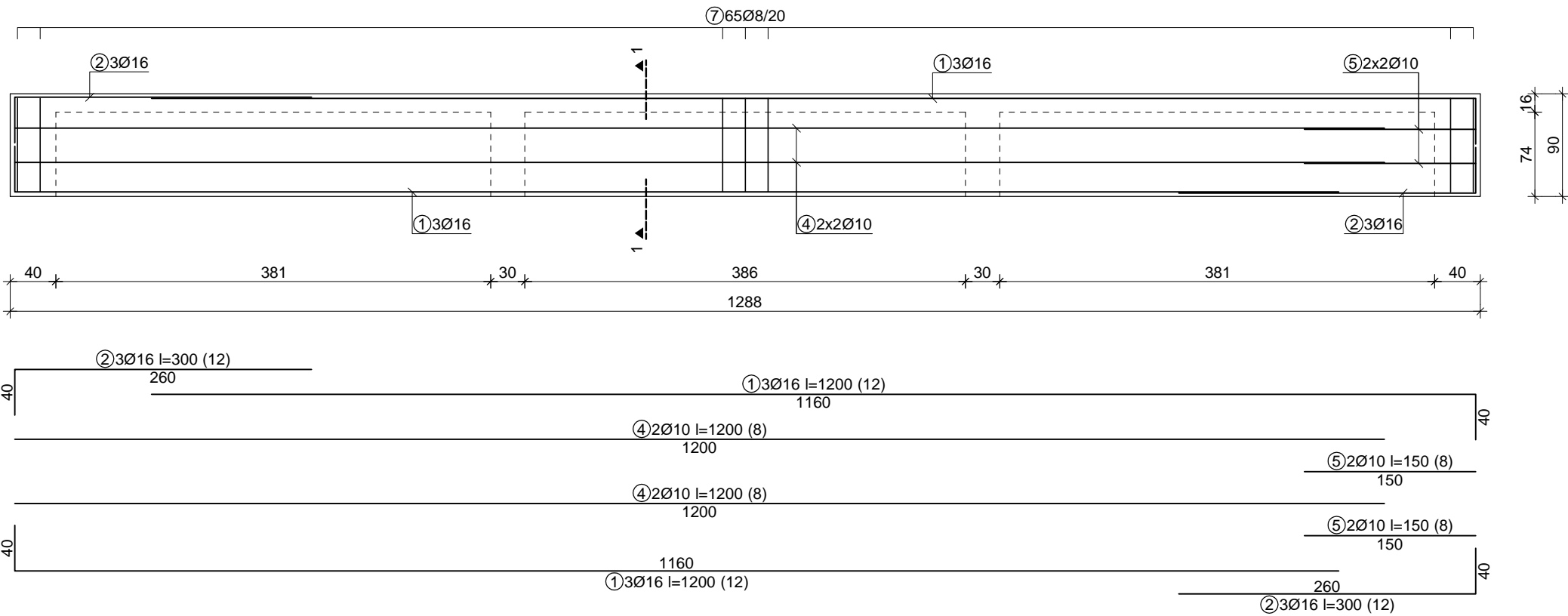
## 1.2. NADSTREŠNICA



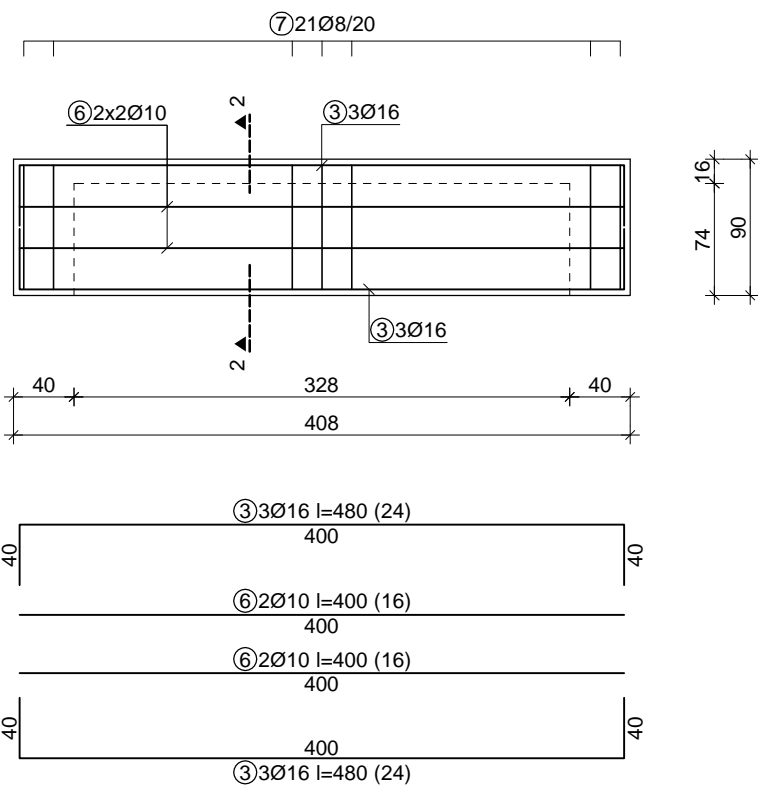
POZICIJE TEMELJNIH TRAKA



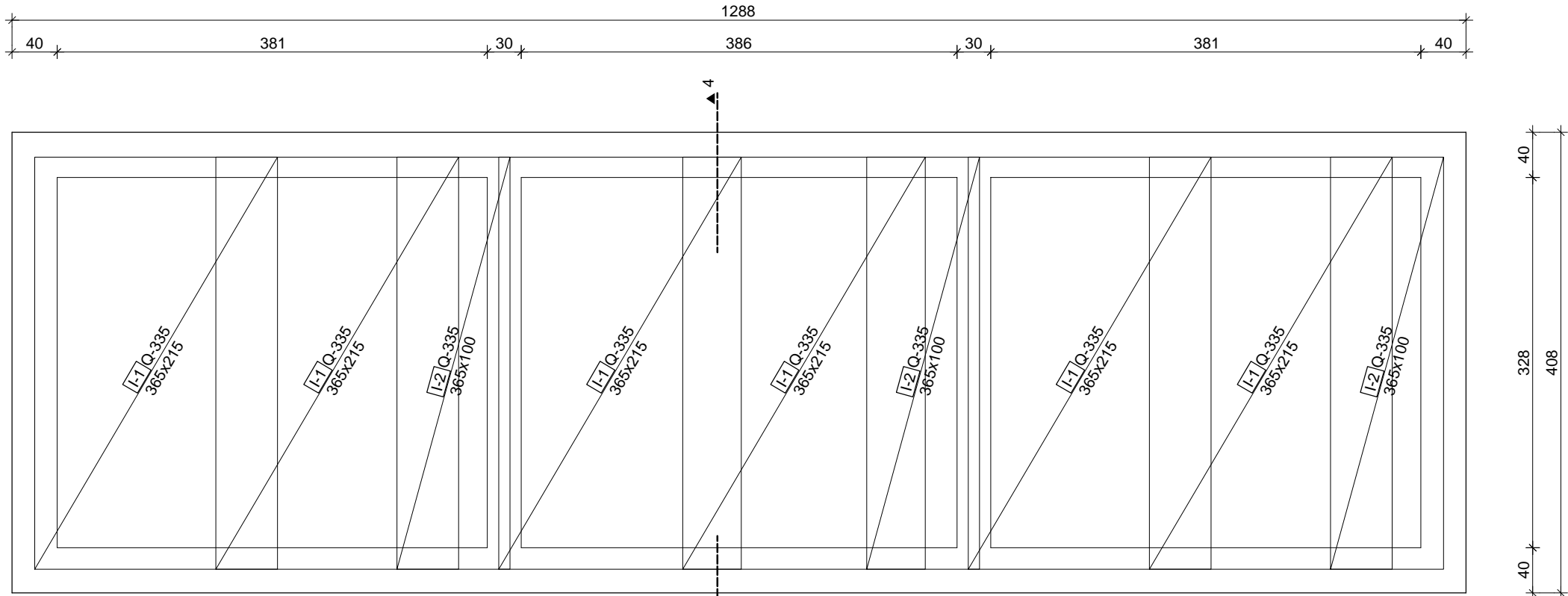
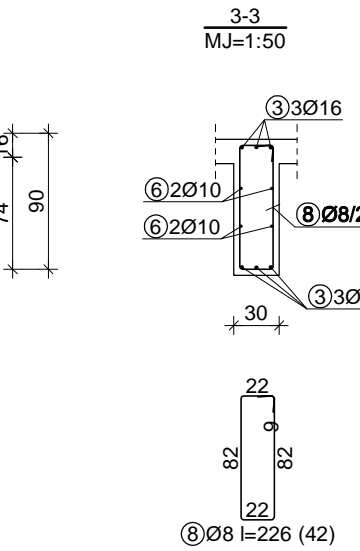
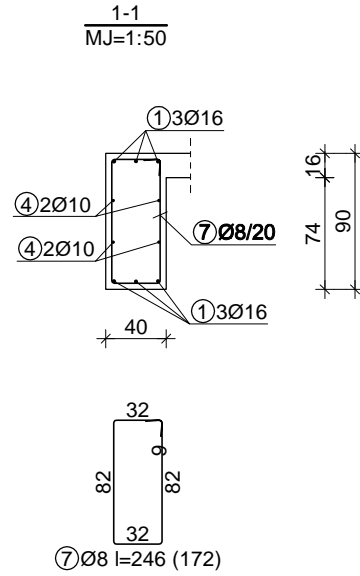
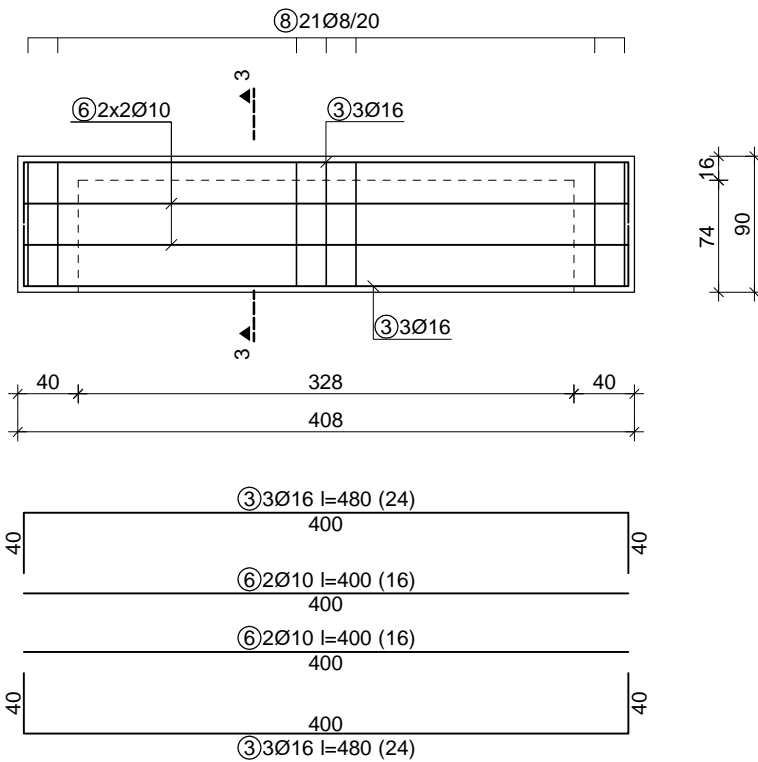
TEMELJNE TRAKE TT1, 40/90, kom.2



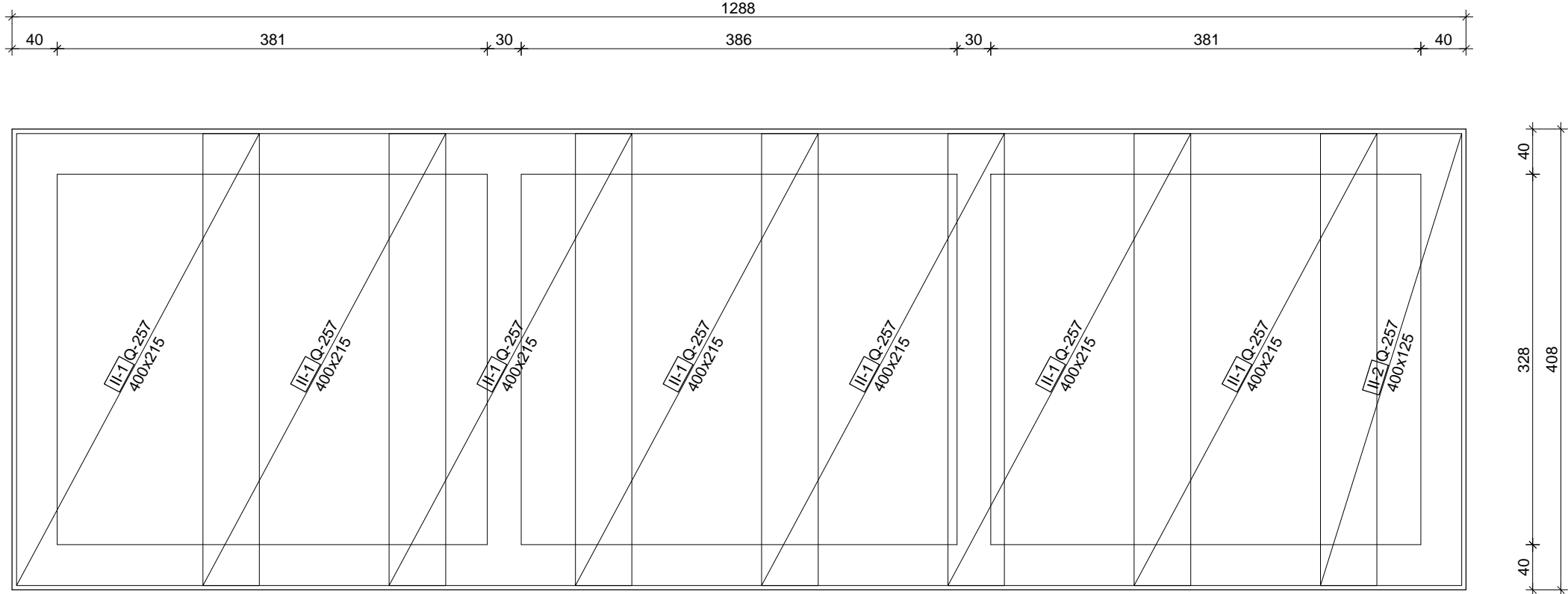
TEMELJNE TRAKE TT2, 40/90, kom.2



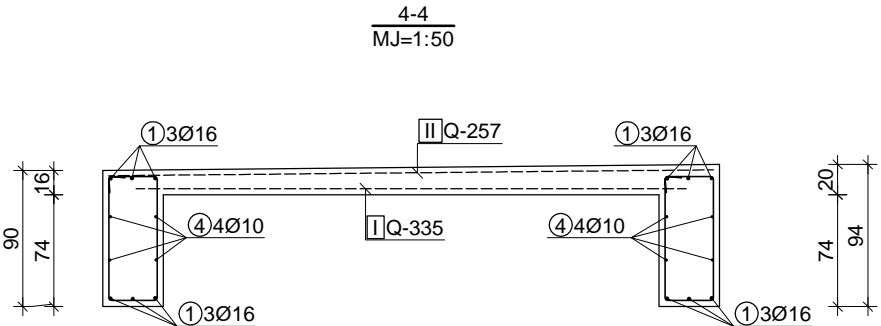
TEMELJNE TRAKE TT3, 30/90, kom.2



PLAN POSTAVE ARMATURNIH MREŽA DONJE ZONE PODNE PLO E hpl=16-20 cm



PLAN POSTAVE ARMATURNIH MREŽA GORNJE ZONE PODNE PLO E hpl=16-20 cm



PLAN POSTAVE ARMATURE TEMELJNIH TRAKA I PODNE PLOČE NADSTREŠNICE

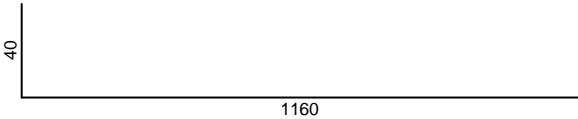

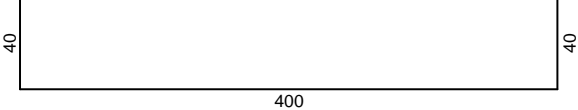
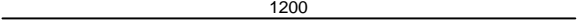
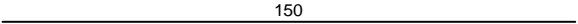

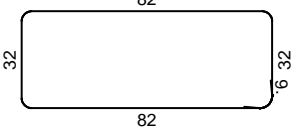
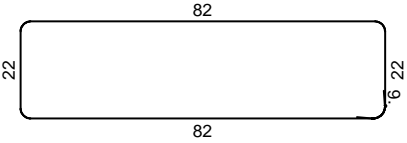
hpl = 16-20 cm

PREKLOP MREŽA 50cm

BETON : C30/37, XC2

BETONSKI ČELIK : B500B

<b>PROJEKT</b>			
d.o.o. ZA PROJEKTIRANJE I GRADNJE TRG HRVATSKOG ŠKOLA 4, BJELOVAR projekt@pjt.com.hr Tel/fax : 043 / 243-400			
Građevina : Rekonstrukcija autobusnog kolodvora RECICLAŽNO DVORIŠTE Lokacija: Bjelovar, Ul. Tomaša G. Masaryka čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar			
Investitor : „KOMUNALAC“ d.o.o. Bjelovar F. Livadića 14a, Bjelovar			
Projektant : MIROSLAV PRGIN , dipl.ing.građ.			
Izradio : TOMISLAV PRGIN, struĉ. spec. ing.građ.			
SadrŹaj : PLAN POSTAVE ARMATURE TEMELJNIH TRAKA I PODNE PLOČE NADSTREŠNICE			
T.D. 44/14-I	Datum : rujan 2013.	Mjerilo : 1:100,50	List : 2

Tipke - specifikacija					
ozn	oblik i mjere [cm]	Ø	lg [m]	n [kom]	lgn [m]
TEMELJNA KONSTRUKCIJA NADSTREŽNICE (1 kom)					
1		16	12.00	12	144.00
2		16	3.00	12	36.00
3		16	4.80	24	115.20
4		10	12.00	8	96.00
5		10	1.50	8	12.00
6		10	4.00	16	64.00
7		8	2.46	172	423.12
8		8	2.26	42	94.92

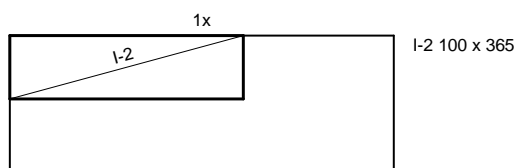
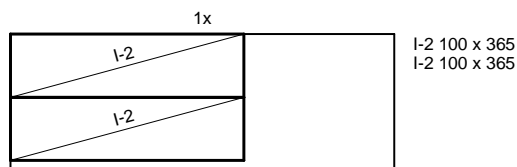
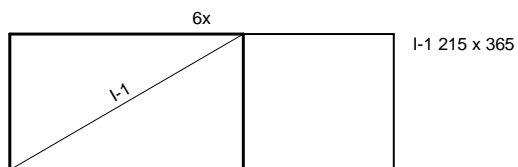
Tipke - rekapitulacija			
Ø [mm]	lgn [m]	Jedini na težina [kg/m']	Težina [kg]
B550B			
8	518.04	0.40	204.63
10	172.00	0.62	106.12
16	295.20	1.58	466.42
Ukupno			777.17



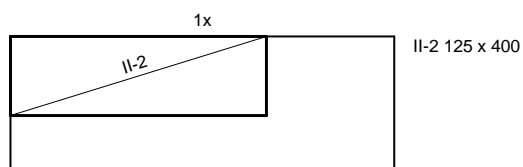
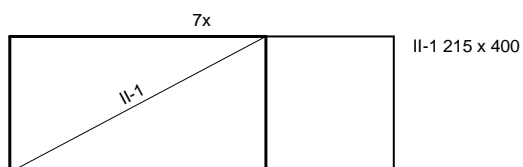
Mre0e - specifikacija						
Pozicija	Oznaka mre0e	B [cm]	L [cm]	n	Jedini na te0ina [kg/m2]	Ukupna te0ina [kg]
TEMELJNA KONSTRUKCIJA NADSTREŽNICE (1 kom)						
I-1	Q-335	215	365	6	5.45	256.61
I-2	Q-335	100	365	3	5.45	59.68
II-1	Q-257	215	400	7	4.16	250.43
II-2	Q-257	125	400	1	4.16	20.80
Ukupno						587.52

Mre0e - rekapitulacija			
Oznaka mre0e	B [cm]	L [cm]	n
Q-335	215	600	8
Q-257	215	600	8

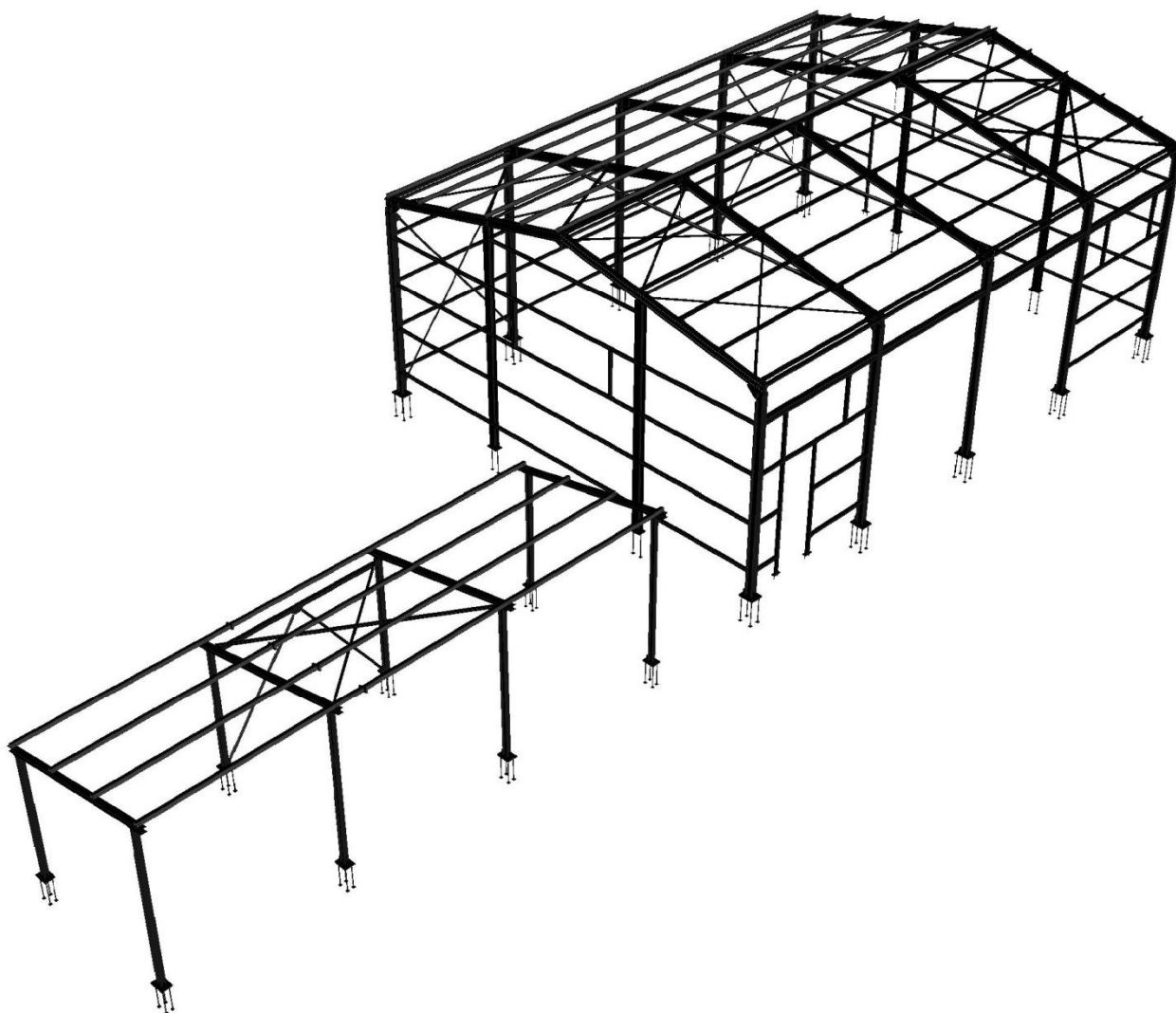
Mre0e - plan rezanja	
TEMELJNA KONSTRUKCIJA NADSTREŽNICE	
Q-335	



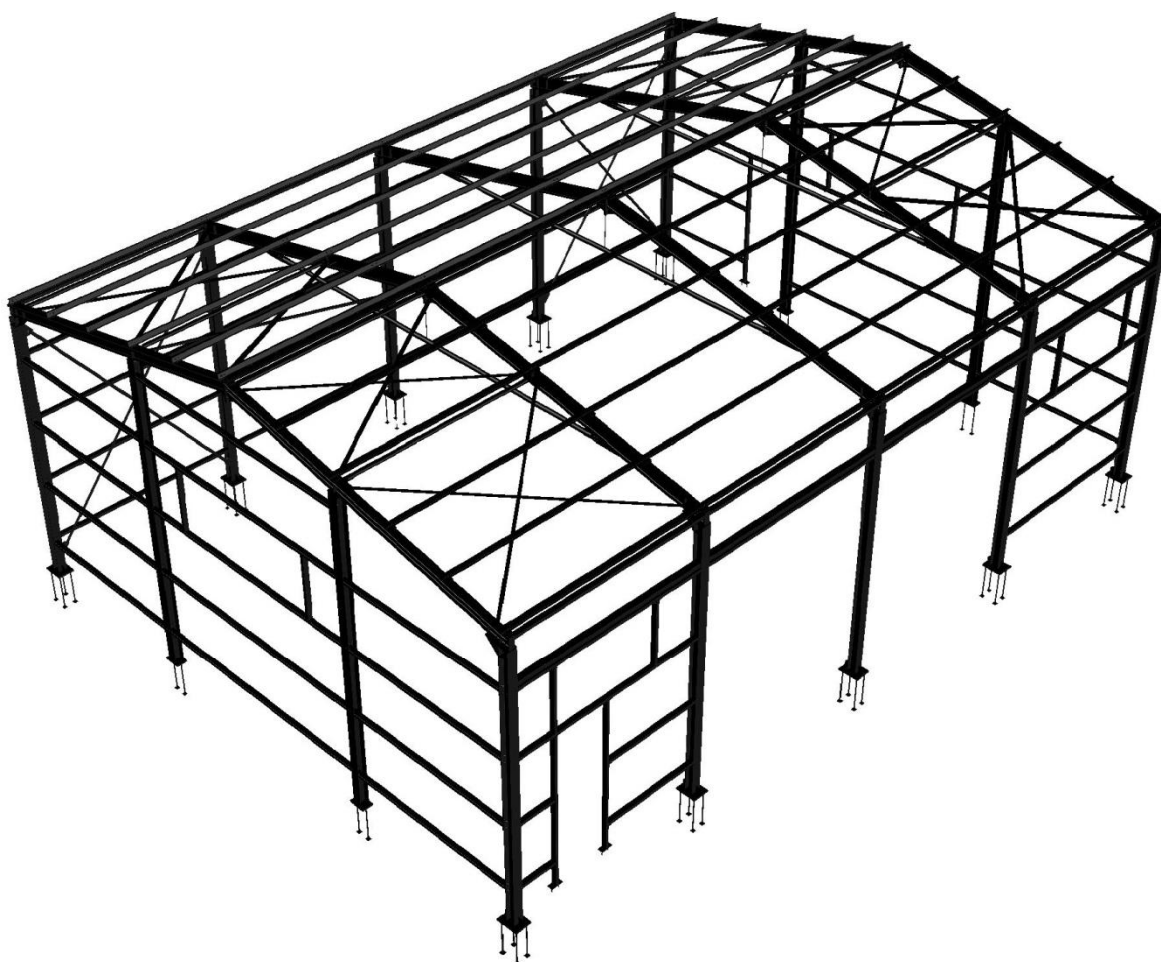
Q-257
-------

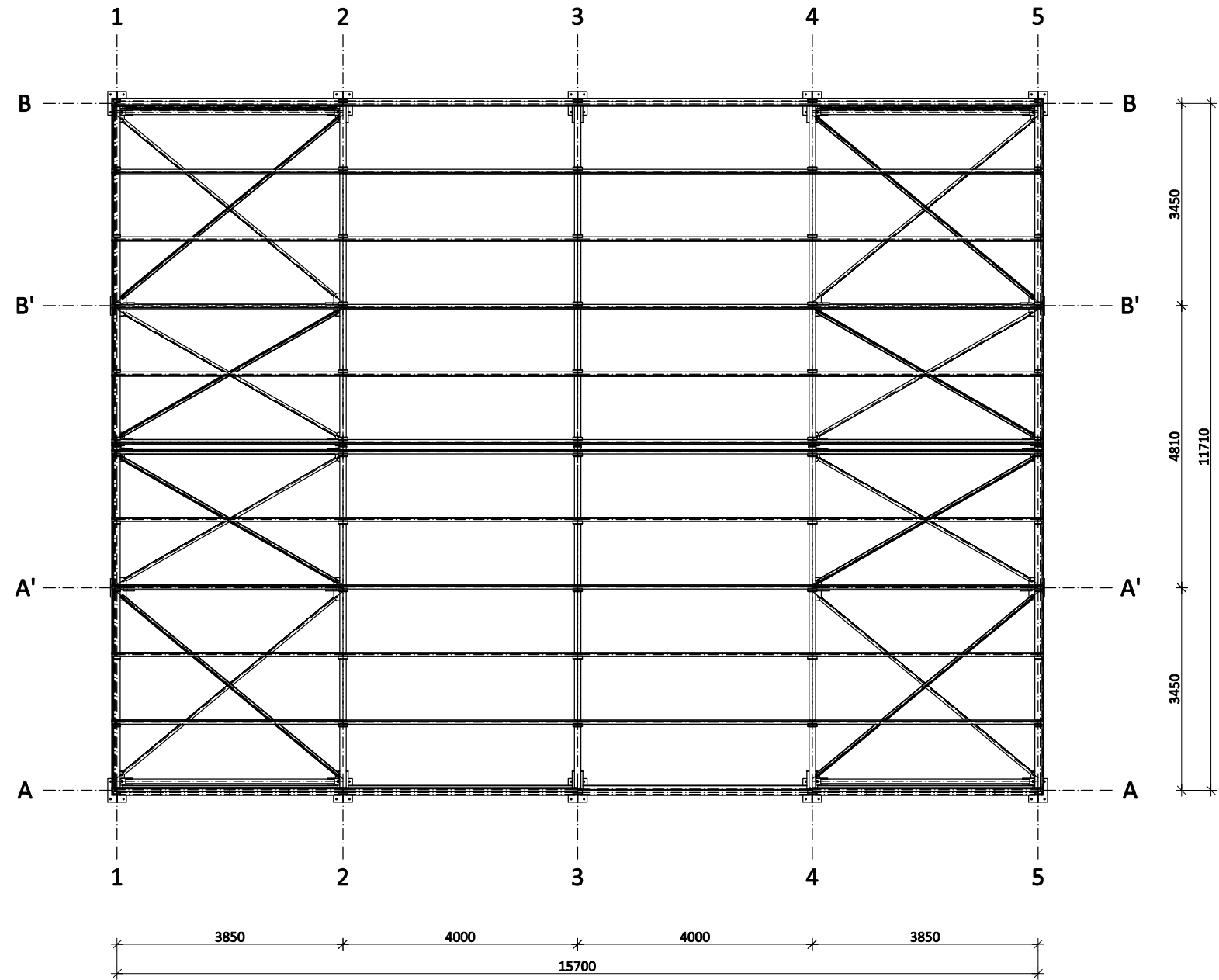
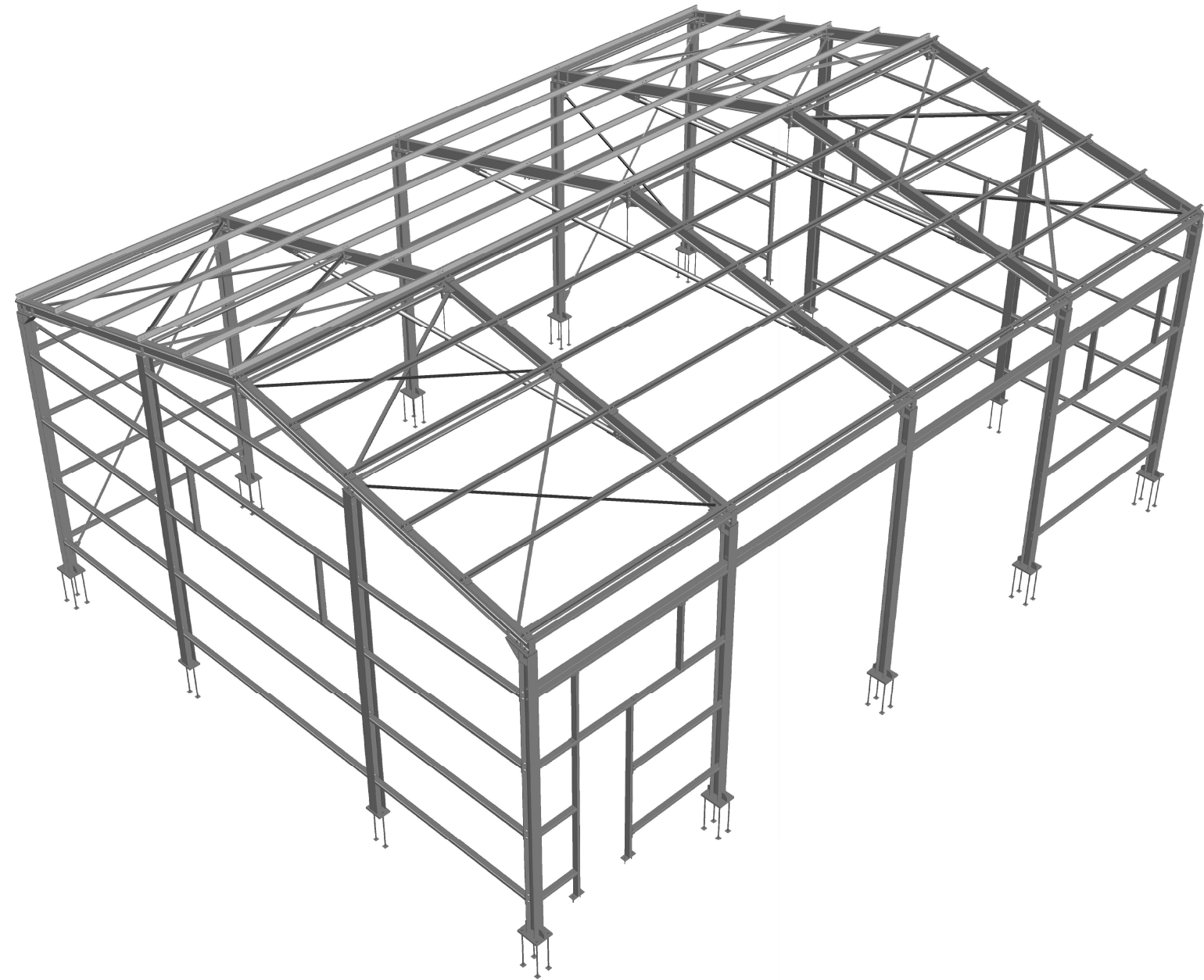


## 2. RADIONIČKA DOKUMENTACIJA ČELIČNE KONSTRUKCIJE



## 2.1. ZGRADA ZA BALIRANJE





TLOCRTNA DISPOZICIJA  
KONSTRUKCIJE ZGRADE ZA  
BALIRANJE

**PROJEKT**

d.o.o. ZA PROJEKTIRANJE I GRAĐENJE  
TRG HRVATSKOG SOKOLA 4 , BJELOVAR

projekt@bj.t-com.hr  
Tel/Fax : 043 / 243-400

Gradovina :  
Rekonstrukcija autobusnog kolodvora  
RECIKLAŽNO DVORIŠTE

Lokacija :  
Bjelovar, Ul. Tomaša G. Masaryka  
čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

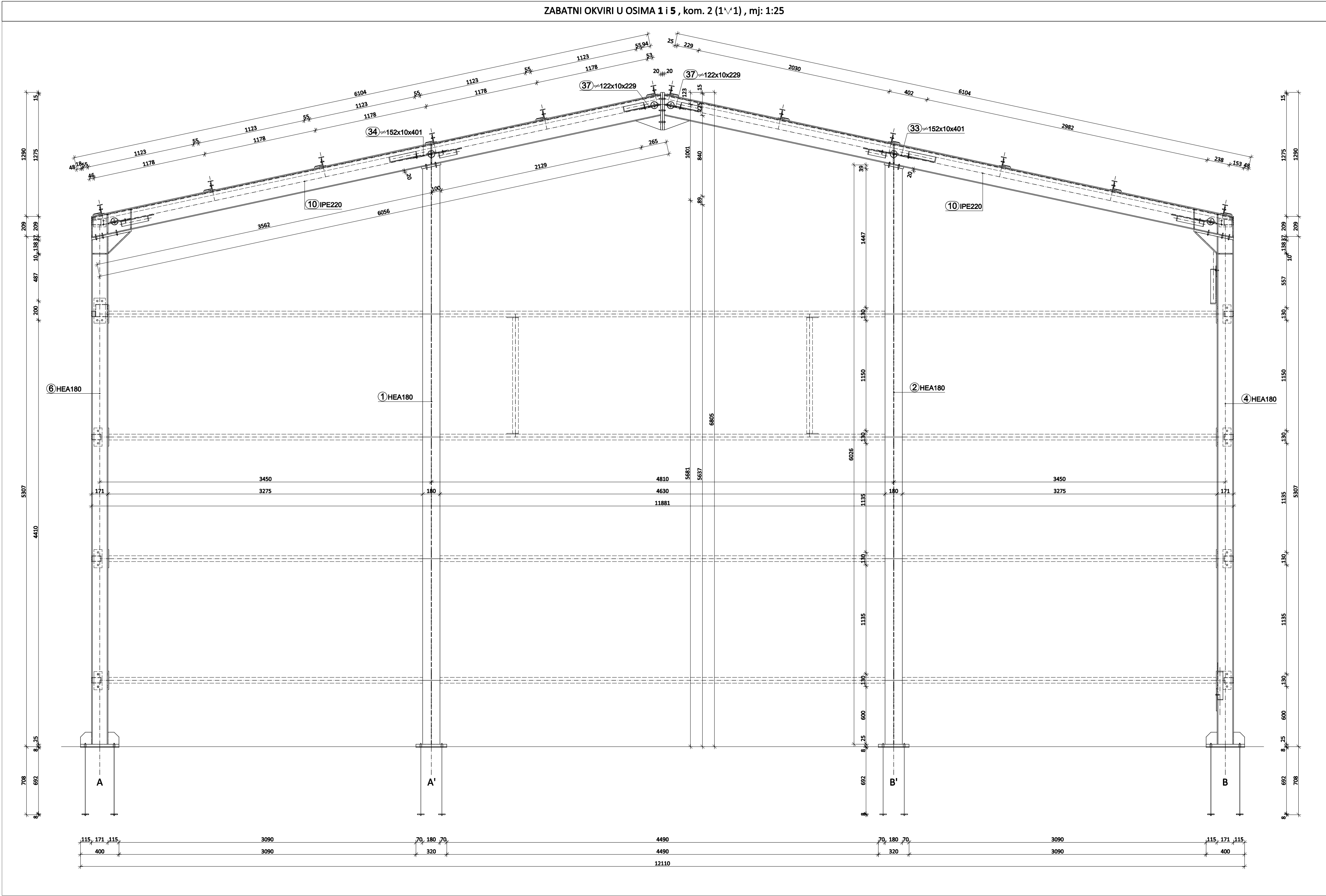
Investitor :  
„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :  
MIROSLAV PRGIN , dipl.ing.građ.

Izradio :  
TOMISLAV PRGIN, struč. spec. ing.građ.

Sadržaj :  
TLOCRTNA DISPOZICIJA KONSTRUKCIJE  
ZGRADE ZA BALIRANJE

T.D.	Datum :	Mjerilo :	List :
44/14-I	rujan 2013.	1:100	3



RADIONIČI NACRT ZABATNIH  
OKVIRA U OSIMA 1 i 5

MATERIJAL :  
S235JR - CIEVNI PROFILI SE IZVODE OD RHS  
CIEVI PREMA HRN EN 10210 (TOPLO  
VALJANE), OSTALI ELEMENTI SU TOPLO  
VALJANI PROFILI PREMA HRN EN 10025

VIJCI :  
PREMA HRN EN ISO 4014, KV. 8.8

VAROVI :  
SVI VAROVI SE IZVODE U KLASI "C" PREMA  
EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE  
STUJENKE U SPOJU

PROJEKT

d.o.o. ZA PROJEKTIRANJE I GRADNJE  
TRG HRVATSKOG ŠKOLA 4 , BIJELOVAR

projekth@pjt.com.hr

Tel/fax : 043 / 243-400

Građevina :  
Rekonstrukcija autobusnog kolodvora  
RECIKLAŽNO DVORIŠTE

Lokacija :  
Bjelovar, Ul. Tomaša G. Masaryka  
čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

Investitor :  
„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :  
MIROSLAV PRGIN , dipl.ing.građ.

Izradio :  
TOMISLAV PRGIN, struž. spec. ing.građ.

Sadržaj :  
RADIONIČI NACRT ZABATNIH  
OKVIRA U OSIMA 1 i 5

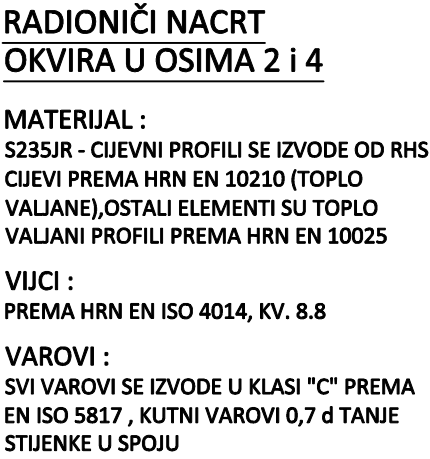
T.D.  
44/14-I

Datum :  
rujan 2013.

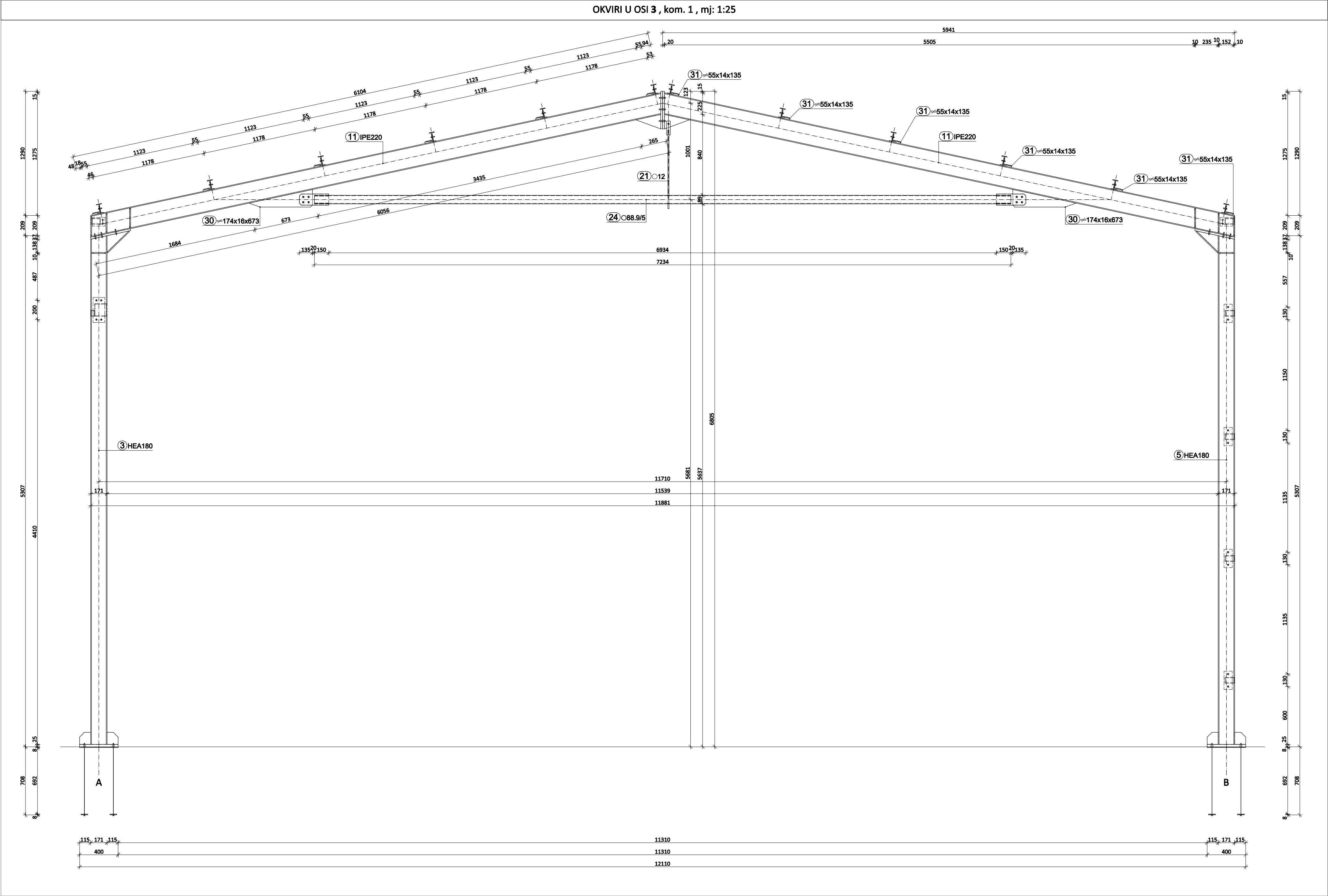
Mjerilo :  
1:25

Ulist :  
4





<h1 style="margin: 0; color: #0056b3;">PROJEKT</h1>				
<b>d.o.o. ZA PROJEKTIRANJE I GRAĐENJE</b> <b>TRG HRVATSKOG ŠKOLKA 4, BJELOVAR</b>			<b>projekt@bj1-com.hr</b> <b>Tel/Fax: 043 / 243-400</b>	
<b>Gradevinar:</b> <b>Rekonstrukcija autobusnog kolodvora</b> <b>RECIKLAZNO DVORIŠTE</b>				
<b>Lokacija:</b> <b>Bjelovar, Ul. Tomasa G. Masaryka</b> <b>čest.kat.br. 2975 (3717/3), k.o. Grad Bjelovar</b>				
<b>Investitor:</b> <b>KOMUNALAC" d.o.o. Bjelovar</b> <b>F. Livadića 14a, Bjelovar</b>				
<b>Projektant:</b> <b>MIROSLAV PRGIN, dipl.ing.grad.</b>				
<b>Izradio:</b> <b>TOMISLAV PRGIN, struč. spec. ing.grad.</b>				
<b>Sadržaj:</b> <b>RADIONIČI NACRT OKVIRA U OSIMA 2 I 4</b>				
T.D.	Datum:	Mjerilo:	List:	
44/14-I	rujan 2013.	1:25	5	



RADIONIČI NACRT  
OKVIRA U OSI 3

MATERIJAL :  
S235JR - CIEVNI PROFILI SE IZVODE OD RHS  
CIEVI PREMA HRN EN 10210 (TOPLO  
VALJANE),OSTALI ELEMENTI SU TOPLO  
VALJANI PROFILI PREMA HRN EN 10025

VIJCI :  
PREMA HRN EN ISO 4014, KV. 8.8

VAROVI :  
SVI VAROVI SE IZVODE U KLASI "C" PREMA  
EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE  
STUJENKE U SPOJU

PROJEKT

d.o.o. ZA PROJEKTIRANJE I GRAĐENJE

TRG HRVATSKOG ŠKOLJA 4 , BIJELOVAR

projekt@pj-o.com.hr

Tel/Fax : 049 / 243-400

Građevina :  
Rekonstrukcija autobusnog kolodvora  
RECIKLAŽNO DVORIŠTE

Lokacija :  
Bjelovar, Ul. Tomaša G. Masaryka  
čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

Investitor :  
„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :  
MIROSLAV PRGIN , dipl.ing.građ.

Izradio :  
TOMISLAV PRGIN, struč. spec. ing.građ.

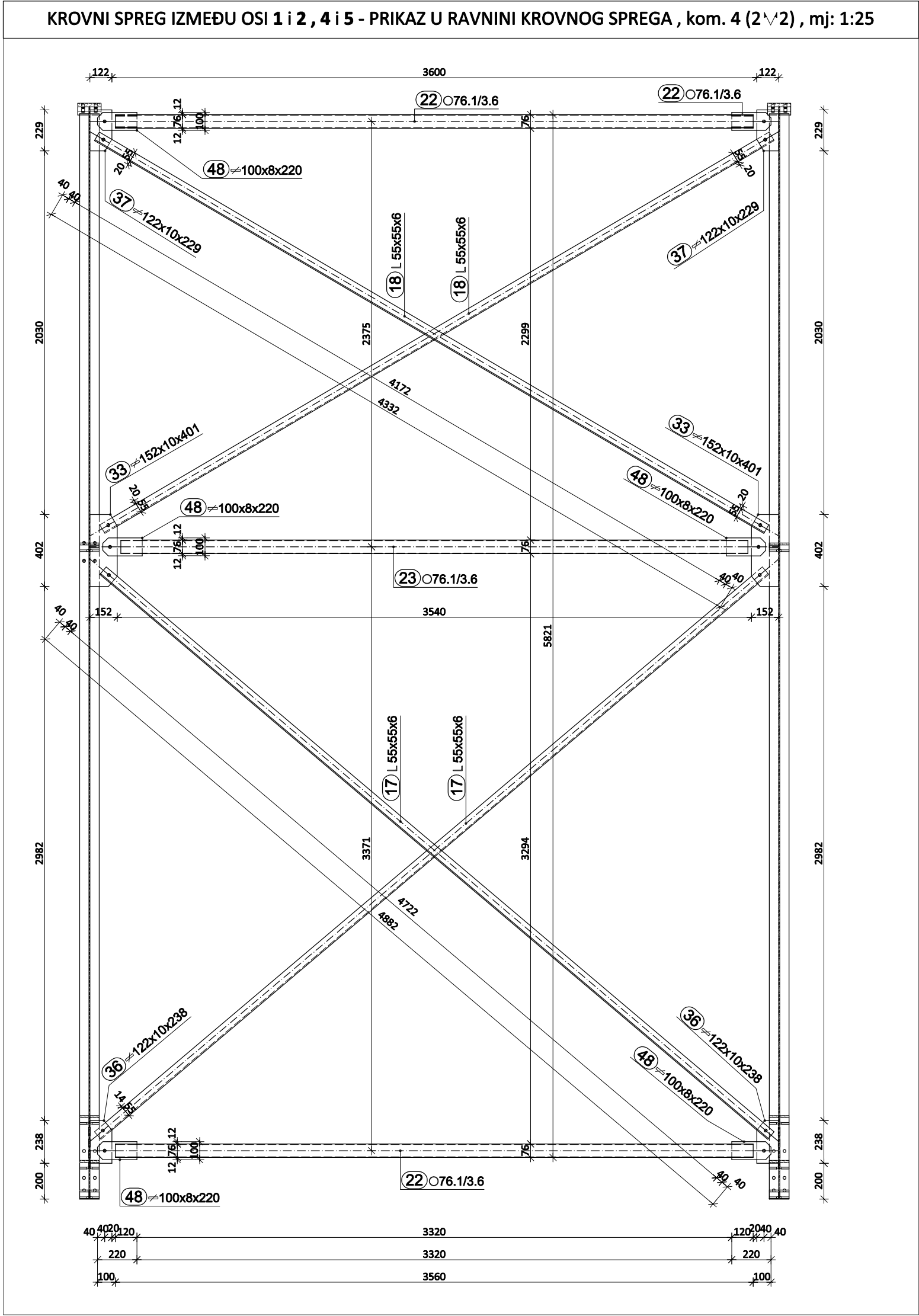
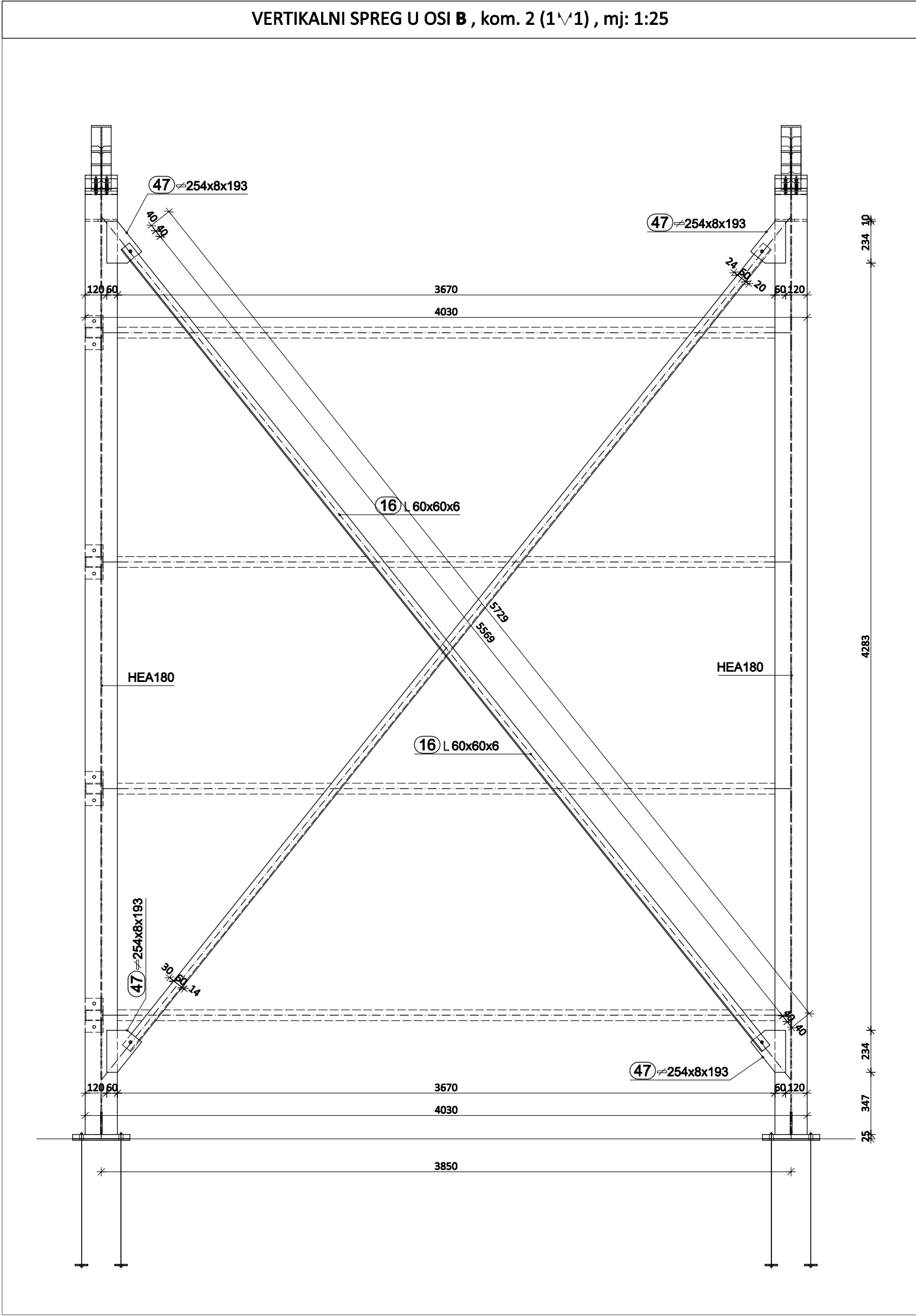
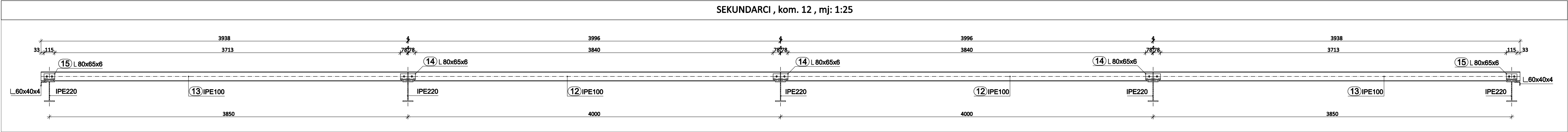
Sadržaj :  
RADIONIČI NACRT OKVIRA U OSI 3

T.D.  
44/14-I

Datum :  
rujan 2013.

Mjerilo :  
1:25

List :  
6



RADIONIČI NACRT  
VERTIKALNOG I KROVNOG  
SPREGA TE SEKUNDARCA

MATERIJAL :  
S235JR - CIEVNI PROFILI SE IZVODE OD RHS  
CIEVI PREMA HRN EN 10210 (TOPLO  
VALJANE), OSTALI ELEMENTI SU TOPLO  
VALJANI PROFILI PREMA HRN EN 10025

VIJCI :  
PREMA HRN EN ISO 4014, KV. 8.8

VAROVI :  
SVI VAROVI SE IZVODE U KLASI "C" PREMA  
EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE  
STUJENKE U SPOJU

PROJEKT

d.o.o. ZA PROJEKTIRANJE I GRADNJE  
TRG HRVATSKOG ŠKOLJA 4 , BJELOVAR

projekat@pj-o.com.hr  
Tel/fax : 043 / 243-400

Gradivna :  
Rekonstrukcija autobusnog kolodvora  
RECIKLAŽNO DVORIŠTE

Lokacija :  
Bjelovar, Ul. Tomaša G. Masaryka  
čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

Investitor :  
„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :  
MIROSLAV PRGIN , dipl.ing.grad.

Izradio :  
TOMISLAV PRGIN, struž. spec. ing.grad.

Sadržaj :  
RADIONIČI NACRT VERTIKALNOG I KROVNOG  
SPREGA TE SEKUNDARCA

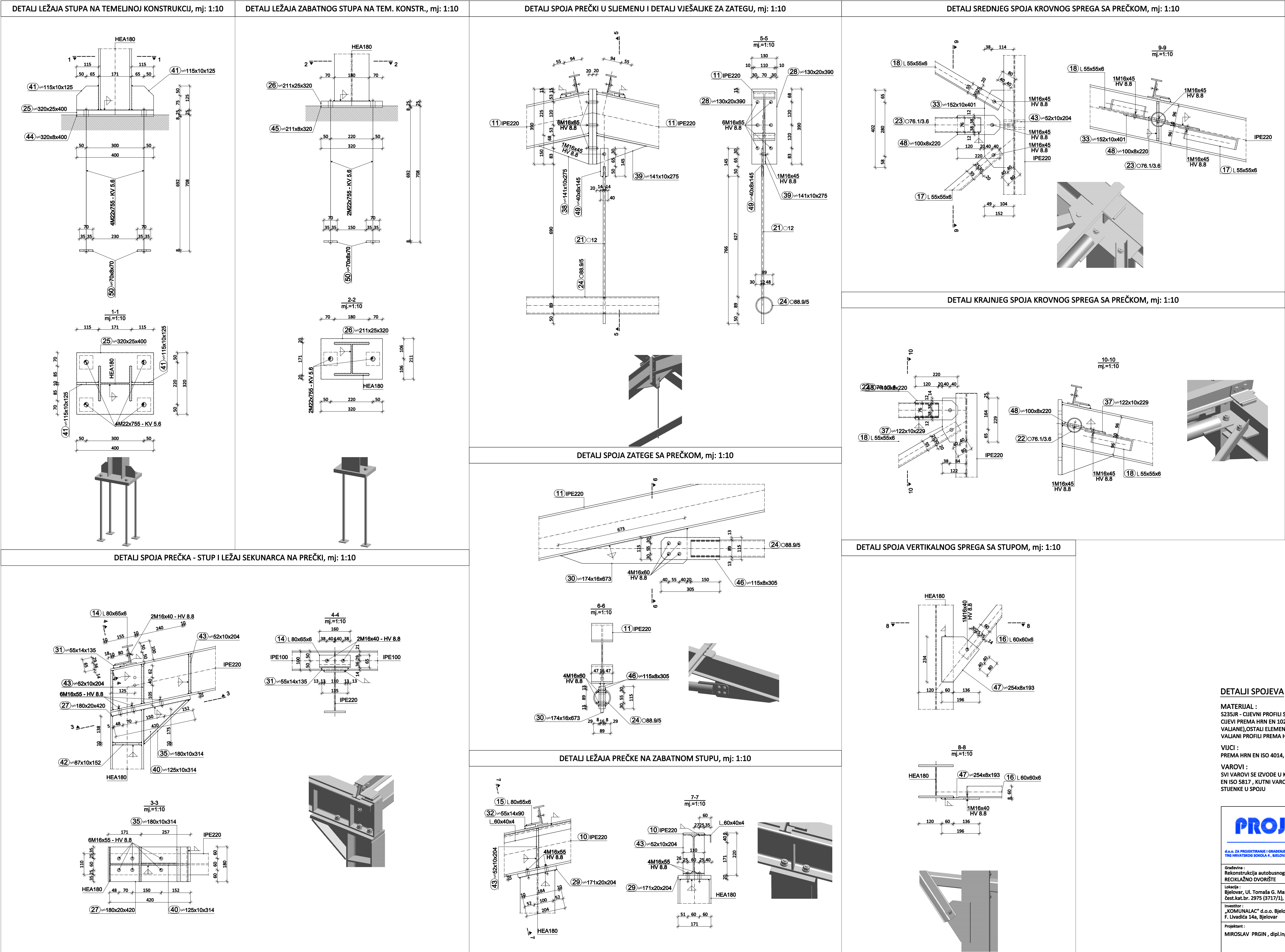
T.D.  
44/14-I

Datum :  
rujan 2013.

Mjerilo :  
1:25

Lit :  
7





PROJEKT

d.o.o. ZA PROJEKTIRANJE I GRAĐEVINE projekt@pjs.com.hr  
TRGOVINA I POSREDOVANJE U PROMETU NEPOKRETNOSTI Tel/Fax : 045 / 345-400

Gradnja :  
Rekonstrukcija autobusnog kolodvora  
REKLAŽNO DVORIŠTE

Lokacija :  
Bjelovar, Ul. Tomaša G. Masaryka  
Čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

Investitor :  
"KOMUNALAC" d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :  
MIROSLAV PRGIN, dipl.ing.grad.

Izradio :  
TOMISLAV PRGIN, struč. spec. ing.grad.

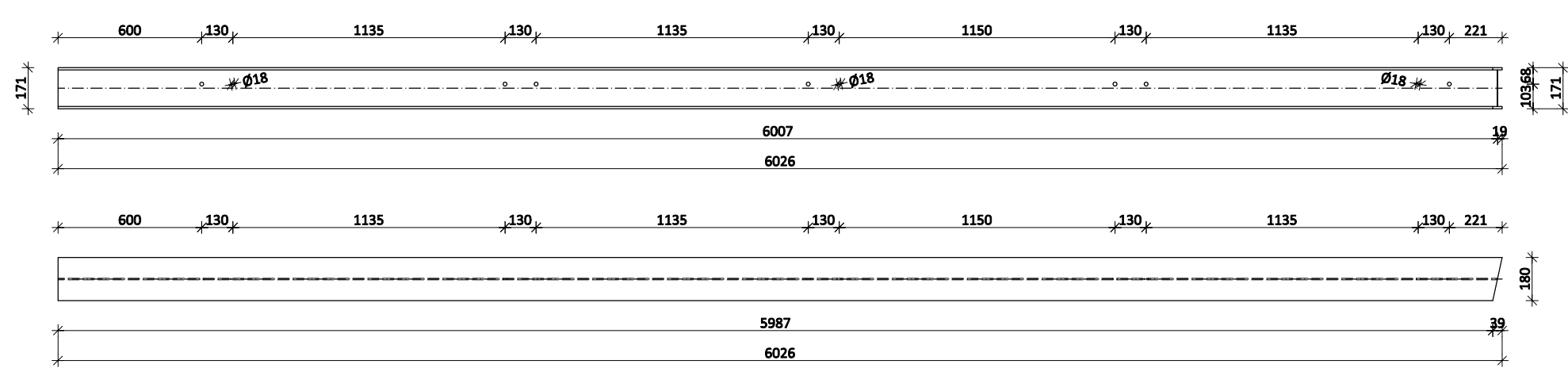
Sadržaj :  
DETALJI SPOJEVA

T.D. Datum : Mjerilo : List :  
44/14-I rujan 2013. 1:10 8

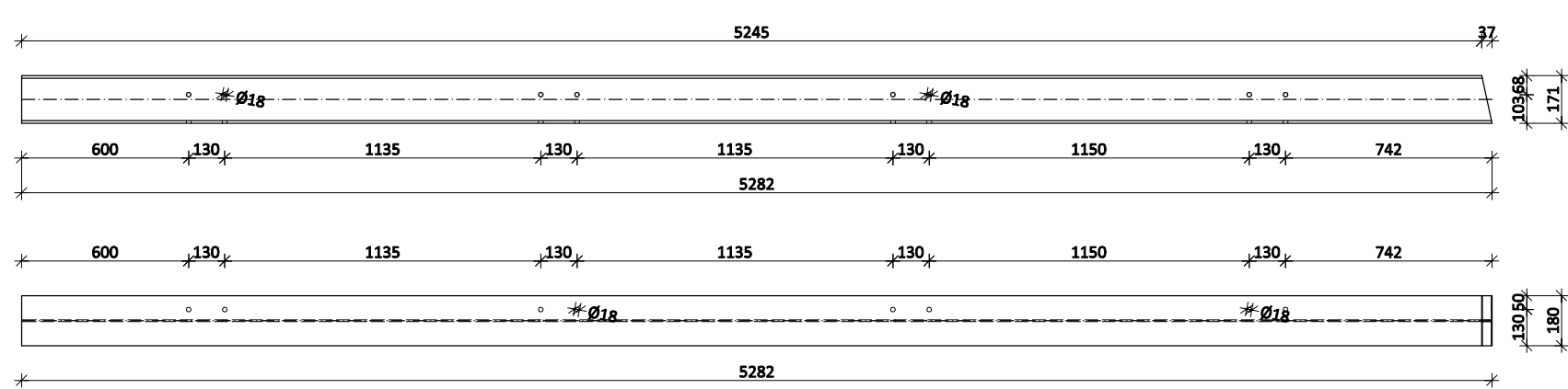


RADIONIČKI NACRT ŠTAPOVA, mj: 1:25

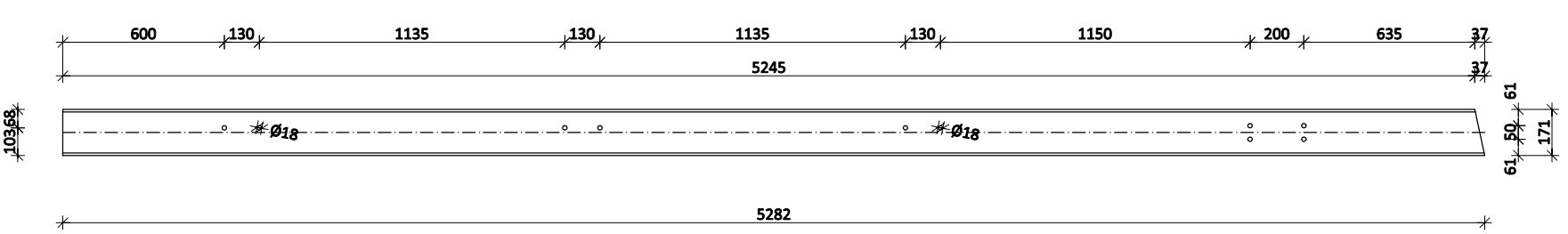
POZ1 , HEA180 , l=6025 , k=2



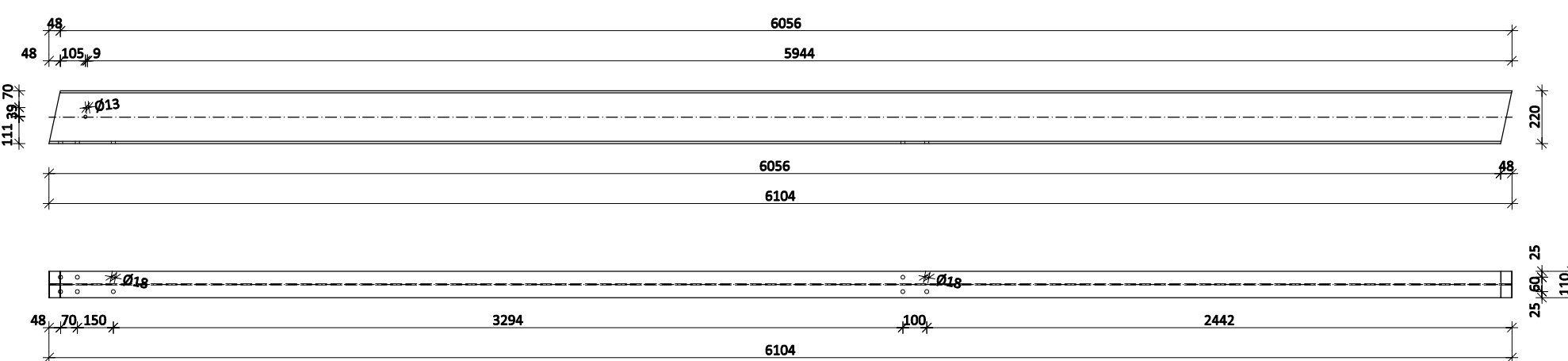
POZ4 , HEA180 , l=5282 , k=1



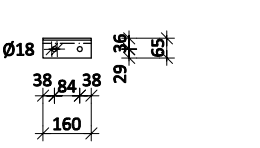
POZ7 , HEA180 , l=5282 , k=2



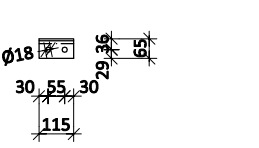
POZ10 , IPE220 , l=6104 , k=4



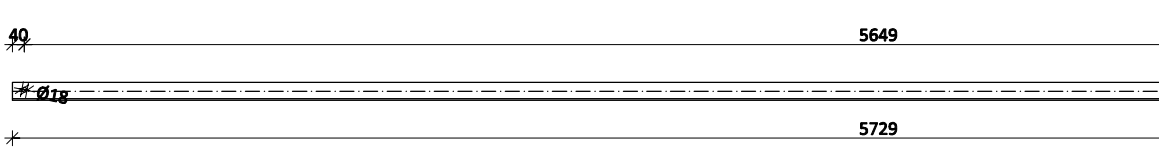
POZ14 , L 80x65x6 , l=160 , k=36



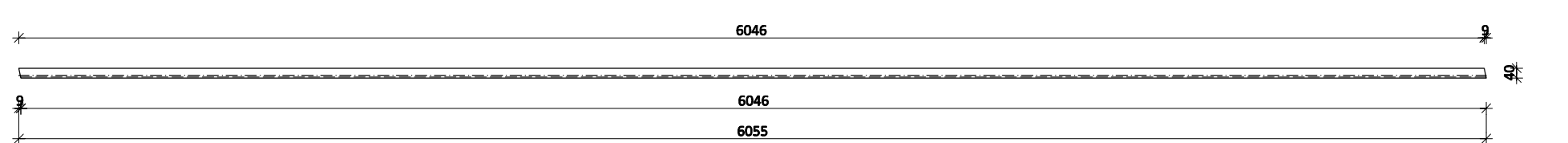
POZ15 , L 80x65x6 , l=115 , k=24



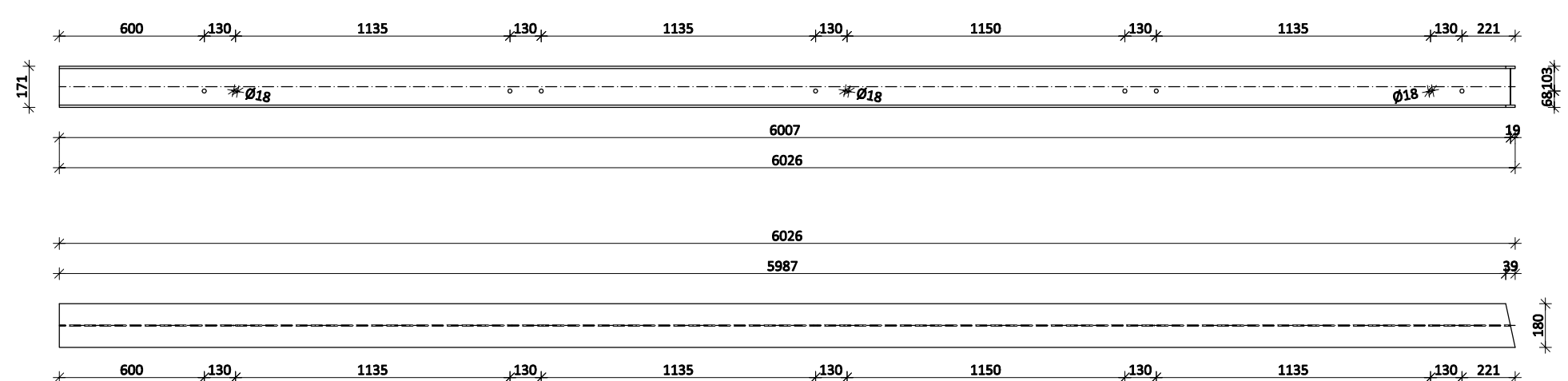
POZ16 , L 60x60x6 , l=5729 , k=4



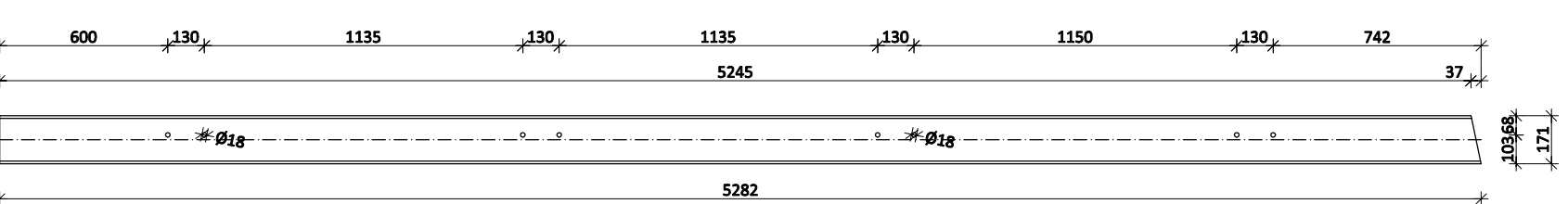
POZ19 , L 80x40x4 , l=6055 , k=2



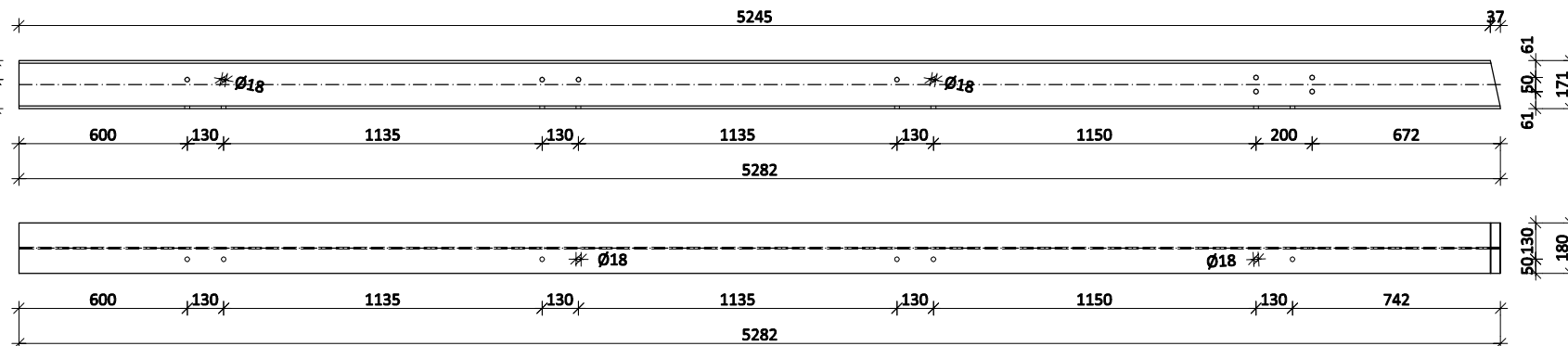
POZ2 , HEA180 , l=6025 , k=2



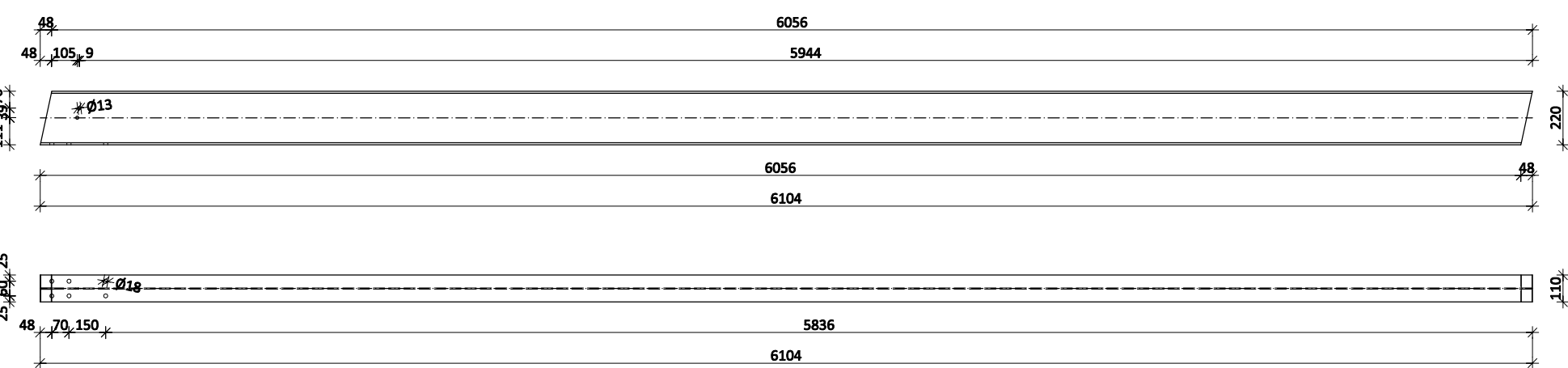
POZ5 , HEA180 , l=5282 , k=3



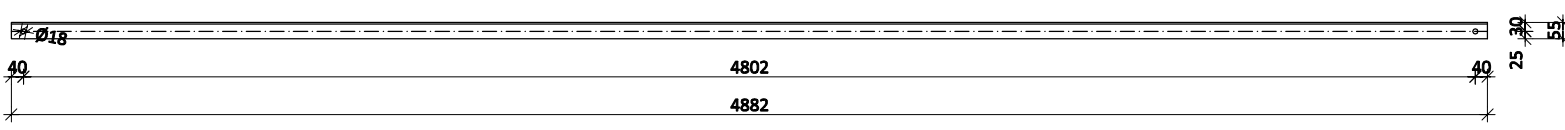
POZ8 , HEA180 , l=5282 , k=1



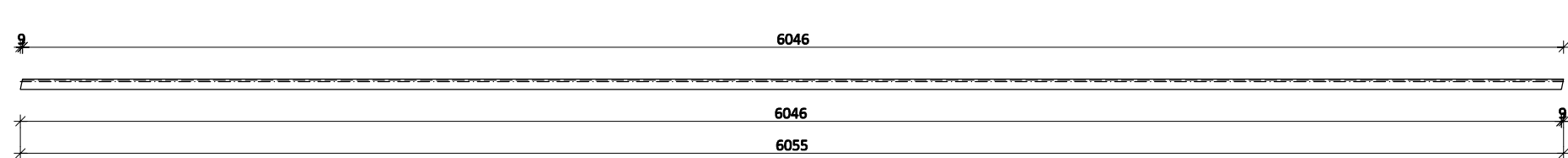
POZ11 , IPE220 , l=6104 , k=6



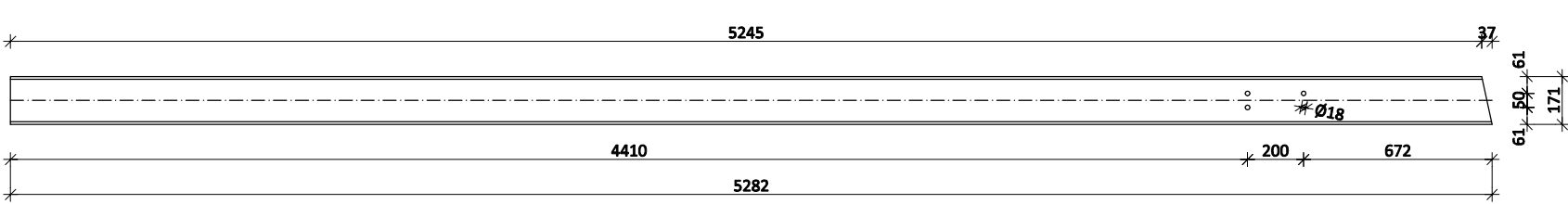
POZ17 , L 55x55x6 , l=4882 , k=8



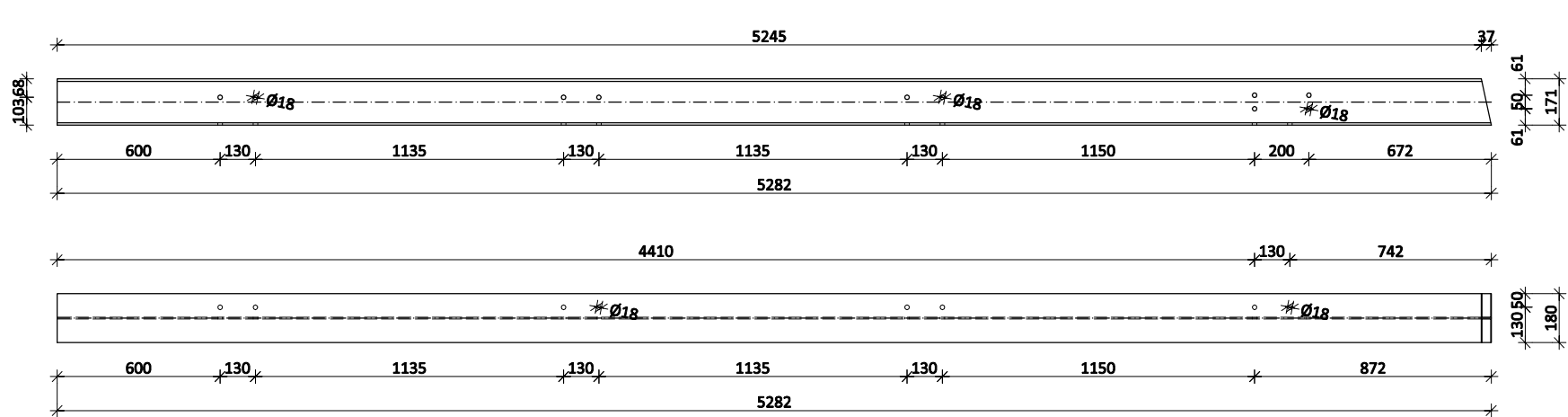
POZ20 , L 60x40x4 , l=6055 , k=2



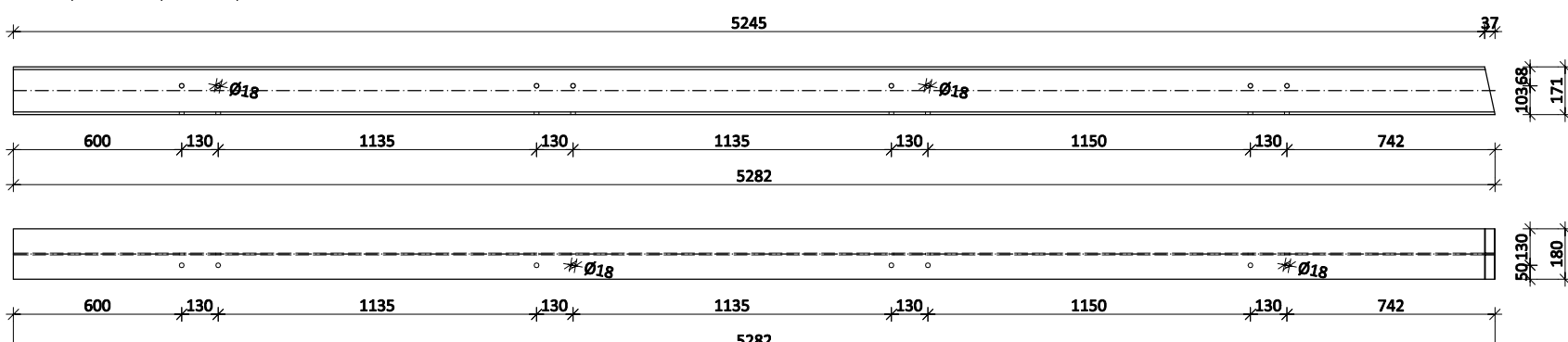
POZ3 , HEA180 , l=5282 , k=1



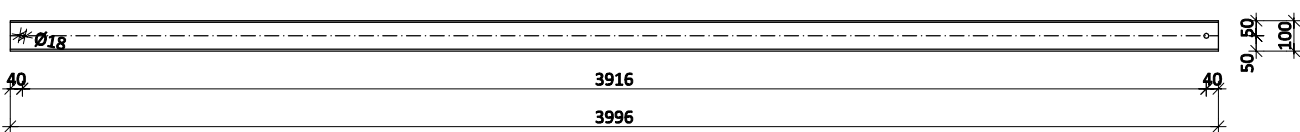
POZ6 , HEA180 , l=5282 , k=2



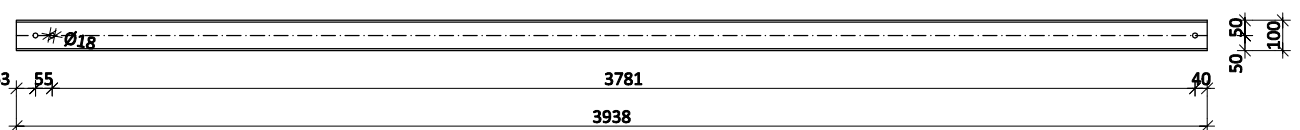
POZ9 , HEA180 , l=5282 , k=1



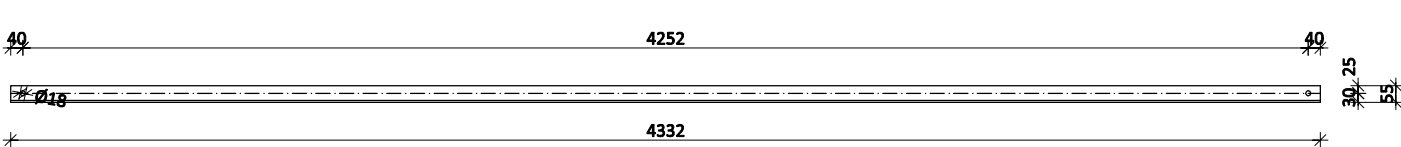
POZ12 , IPE100 , l=3996 , k=24



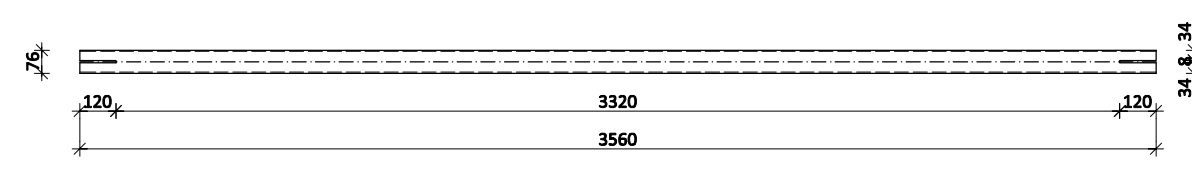
POZ13 , IPE100 , l=3938 , k=24



POZ18 , L 55x55x6 , l=4332 , k=8

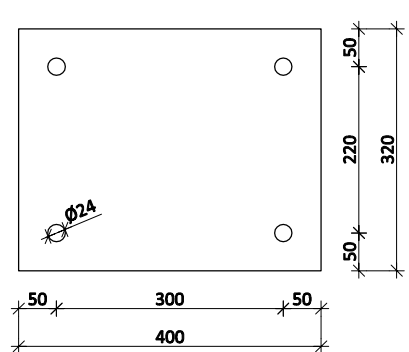


POZ22 , O 76.1/3.6 , l=3560 , k=8

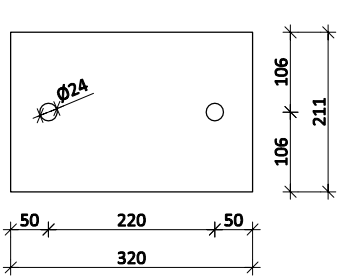


RADIONIČKI NACRT PLOČA, mj: 1:25

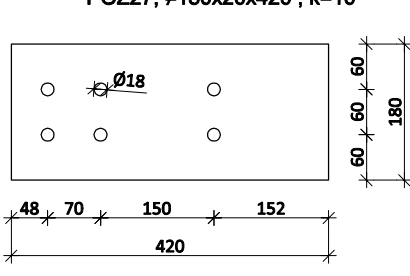
POZ25 , #320x25x400 , k=10



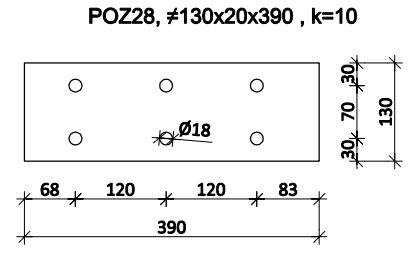
POZ26 , #211x25x320 , k=4



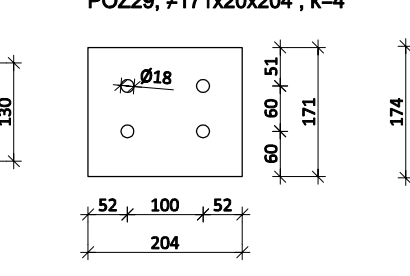
POZ27 , #180x20x420 , k=10



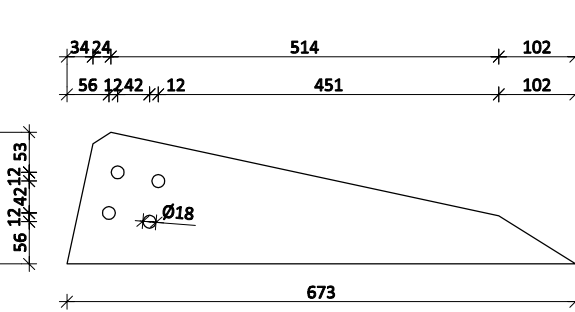
POZ28 , #130x20x390 , k=10



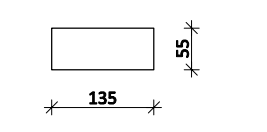
POZ29 , #171x20x204 , k=4



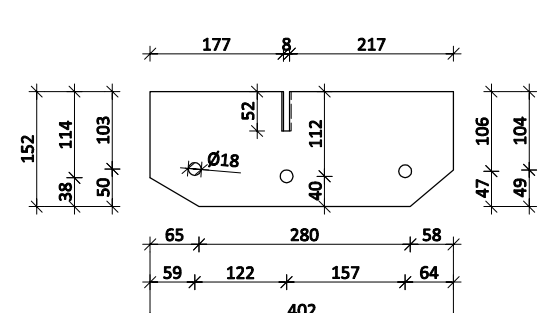
POZ30 , #174x16x673 , k=6



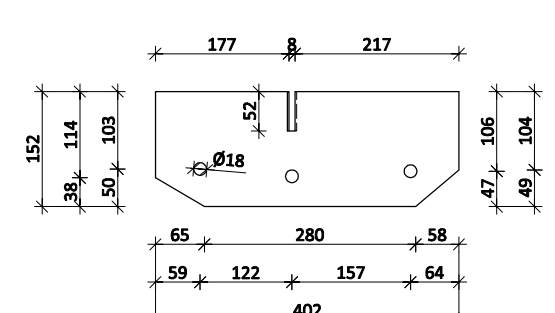
POZ31 , #55x14x135 , k=36



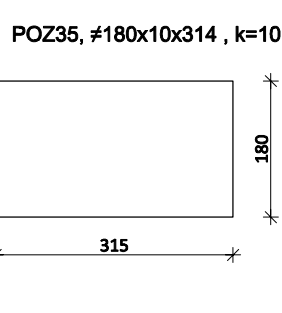
POZ33 , #152x10x401 , k=4



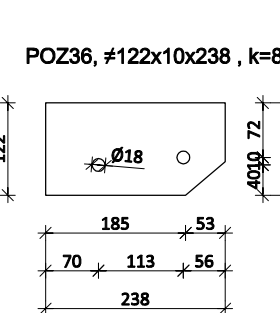
POZ34 , #152x10x401 , k=4



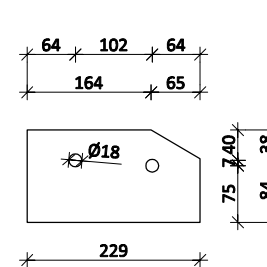
POZ35 , #180x10x314 , k=10



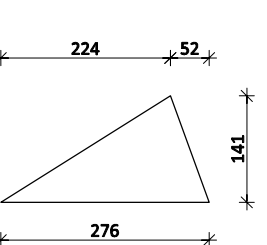
POZ36 , #122x10x238 , k=8



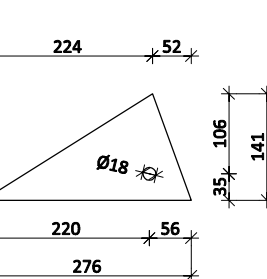
POZ37 , #122x10x229 , k=8



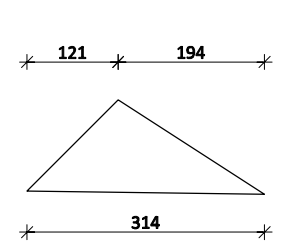
POZ38 , #141x10x275 , k=7



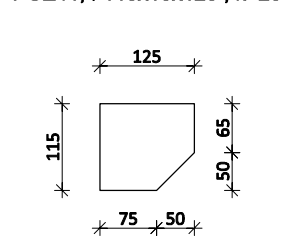
POZ39 , #141x10x275 , k=3



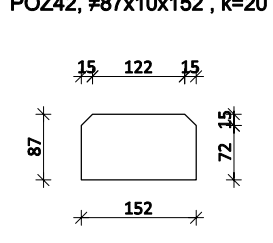
POZ40 , #125x10x314 , k=10



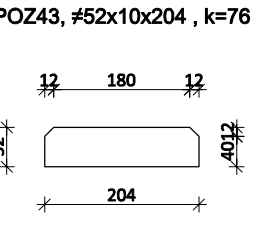
POZ41 , #115x10x125 , k=20



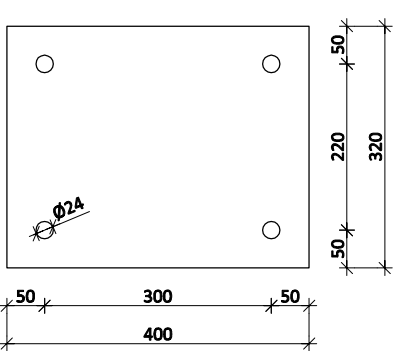
POZ42 , #87x10x152 , k=20



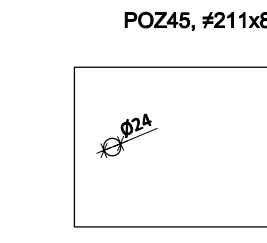
POZ43 , #52x10x204 , k=76



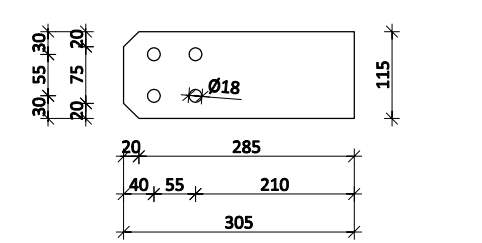
POZ44 , #320x8x400 , k=10



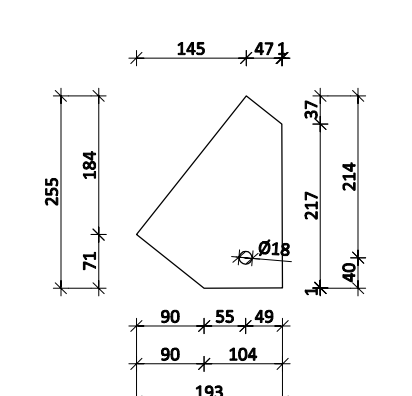
POZ45 , #211x8x320 , k=4



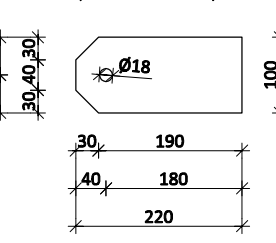
POZ46 , #115x8x305 , k=12



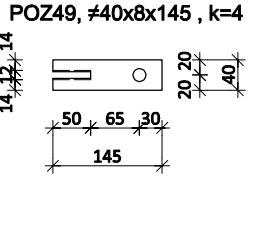
POZ47 , #254x8x193 , k=8



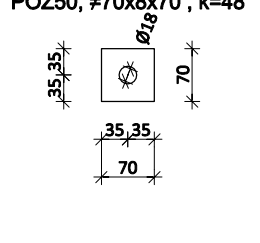
POZ48 , #100x8x220 , k=24



POZ49 , #40x8x145 , k=4



POZ50 , #70x8x70 , k=48



RADIONIČKI NACRT  
ŠTAPOVA I PLOČA

MATERIJAL :  
S235JR - CJEVNI PROFILI SE IZVODE OD RHS  
CJEVI PREMA HRN EN 10210 (TOPLO  
VALJANE),OSTALI ELEMENTI SU TOPLO  
VALJANI PROFILI PREMA HRN EN 10025

VIJCI :  
PREMA HRN EN ISO 4014, KV. 8.8

VAROVI :  
SVI VAROVI SE IZVODE U KLASI "C" PREMA  
EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE  
STUJENKE U SPOJU

PROJEKT

Št. ul. ZA PROJEKTIRANJE I GRAĐENJE  
TRG HRVATSKOS KOČICA 4 , BJELOVAR

proj@pjt.hr  
Tel/Fax : +385 / 343-400

Graditelj :  
Rekonstrukcija autobusnog kolodvora  
REKICLAŽNO DVORIŠTE

Lokacija :  
Bjelovar, Ul. Tomislava G. Masaryka  
Čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

Inventor :  
"KOMUNALAC" d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :  
MIROSLAV PRGIN , dipl.ing.grad.

Isradio :  
TOMISLAV PRGIN, struč. spec. ing.grad.

Šefinja :  
RADIONIČKI NACRT ŠTAPOVA I PLOČA

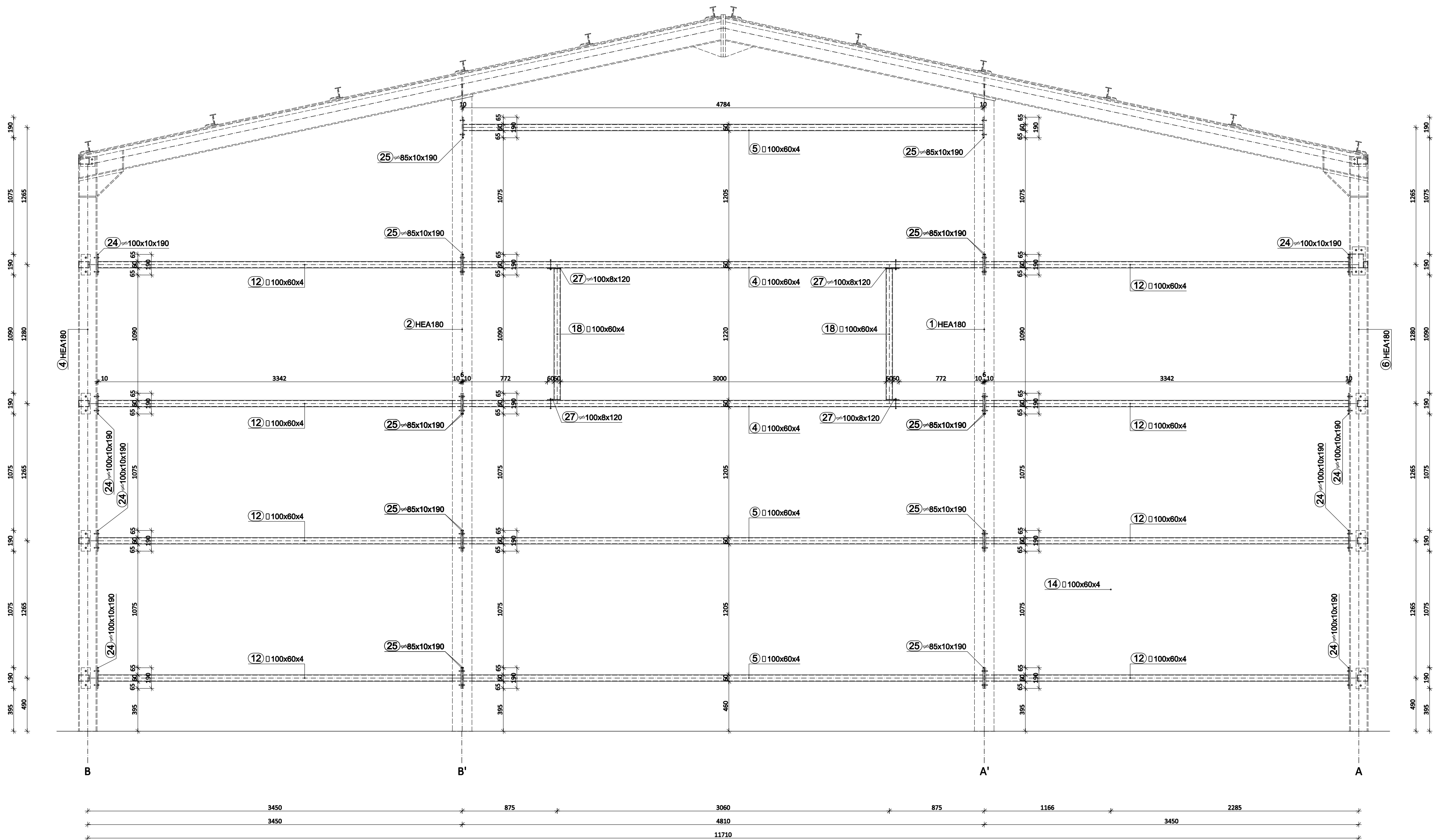
T.D. :  
44/241

Datum :  
rujan 2013.

Mjerilo :  
1:25,10

Lin :  
9

**NOSAČI FASADE U OSI 1 , kom. 1 , mj: 1:25**



## RADIONIČI NACRT NOSAČA FASEDE U OSI 1

**MATERIJAL :**  
S235JR - CIJEVNI PROFILI SE IZVODE OD RHS  
CIJEVI PREMA HRN EN 10210 (TOPLO  
VALJANE), OSTALI ELEMENTI SU TOPLO  
VALJANI PROFILI PREMA HRN EN 10025

**VIJCI :**  
**PREMA HRN EN ISO 4014, KV. 8.8**

**VAROVI :**  
SVI VAROVI SE IZVODE U KLASI "C" PREMA  
EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE  
STIJENKE U SPOJU

# PROJEKT

d.o.o. ZA PROJEKTIRANJE I GRADNJE projekt@bj.t-com.hr  
TRG HRVATSKOG SOKOLA 4, BJELOVAR Tel/Fax : 043 / 243-406

**Građevina :**  
**Rekonstrukcija autobusnog kolodvora**  
**RECIKLAŽNO DVORIŠTE**

Lokacija :  
Bjelovar, Ul. Tomaša G. Masaryka  
čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

Investitor :  
„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

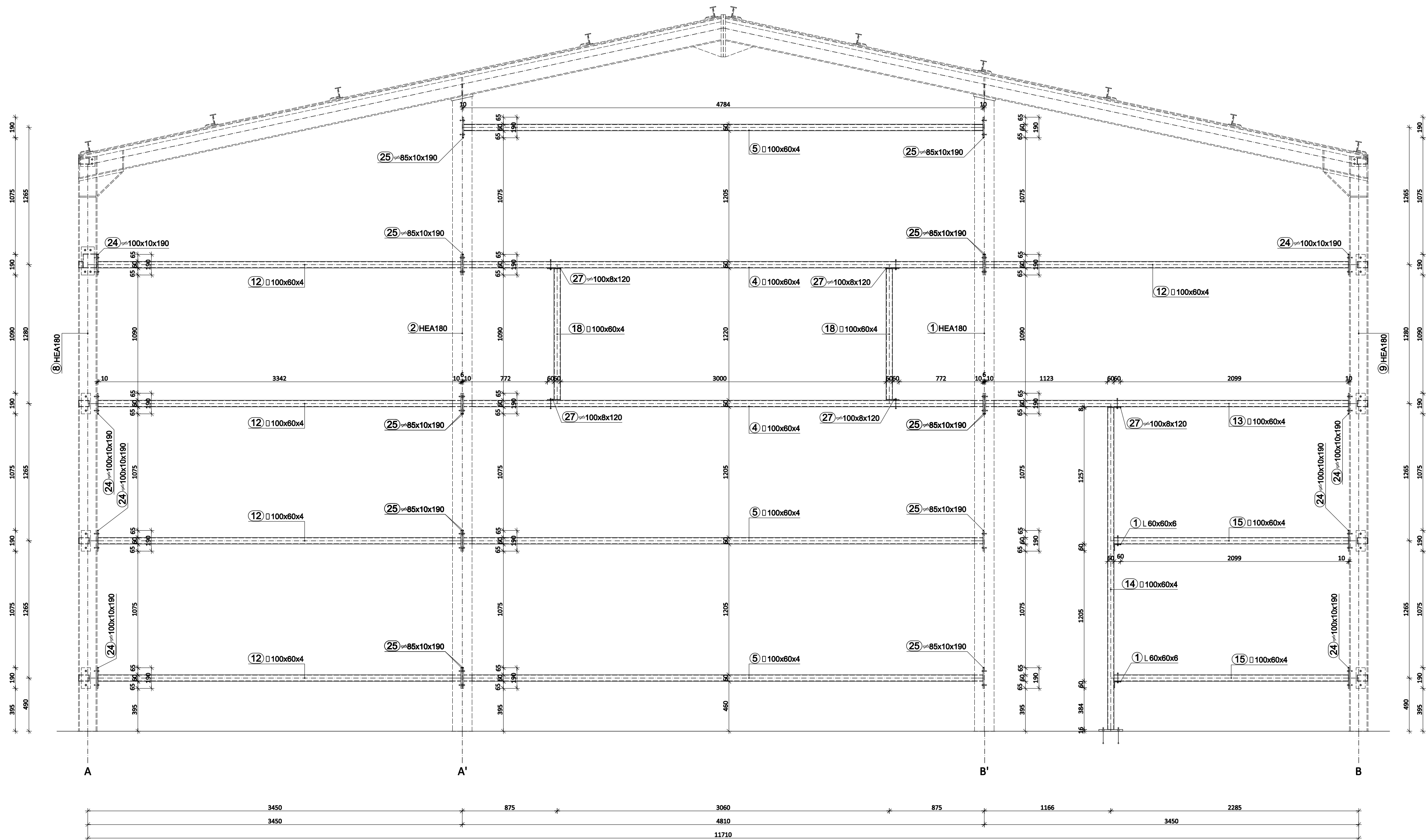
Projektant :  
**MIROSLAV PRGIN , dipl.ing.građ.**

Izradio :  
TOMISLAV PRGIN, struč. spec. ing.građ.

Sadržaj :  
**RADIONIČI NACRT NOSAČA FASADE U OSI 1**

T.D.	Datum :	Mjerilo :	List :
44/14-I	rujan 2013.	1:25	10

**NOSAČI FASADE U OSI 5 , kom. 1 , mj: 1:25**



## RADIONIČI NACRT NOSAČA FASEDE U OSI 5

**MATERIJAL :**  
S235JR - CIJEVNI PROFILI SE IZVODE OD RHS  
CIJEVI PREMA HRN EN 10210 (TOPLO  
VALJANE),OSTALI ELEMENTI SU TOPLO  
VALJANI PROFILI PREMA HRN EN 10025

**VIJCI :**  
**PREMA HRN EN ISO 4014, KV. 8.8**

**VAROVI :**  
SVI VAROVI SE IZVODE U KLASI "C" PREMA  
EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE  
STIJENKE U SPOJU

# PROJEKT

d.o.o. ZA PROJEKTIRANJE I GRADENJE projekt@bj.t-com.hr  
TRG HRVATSKOG SOKOLA 4, BJELOVAR Tel/Fax : 043 / 243-400

**Građevina :**  
**Rekonstrukcija autobusnog kolodvora**  
**RECIKLAŽNO DVORIŠTE**

Investitor :  
„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :  
MIROSLAV PRGIN , dipl.ing.građ.

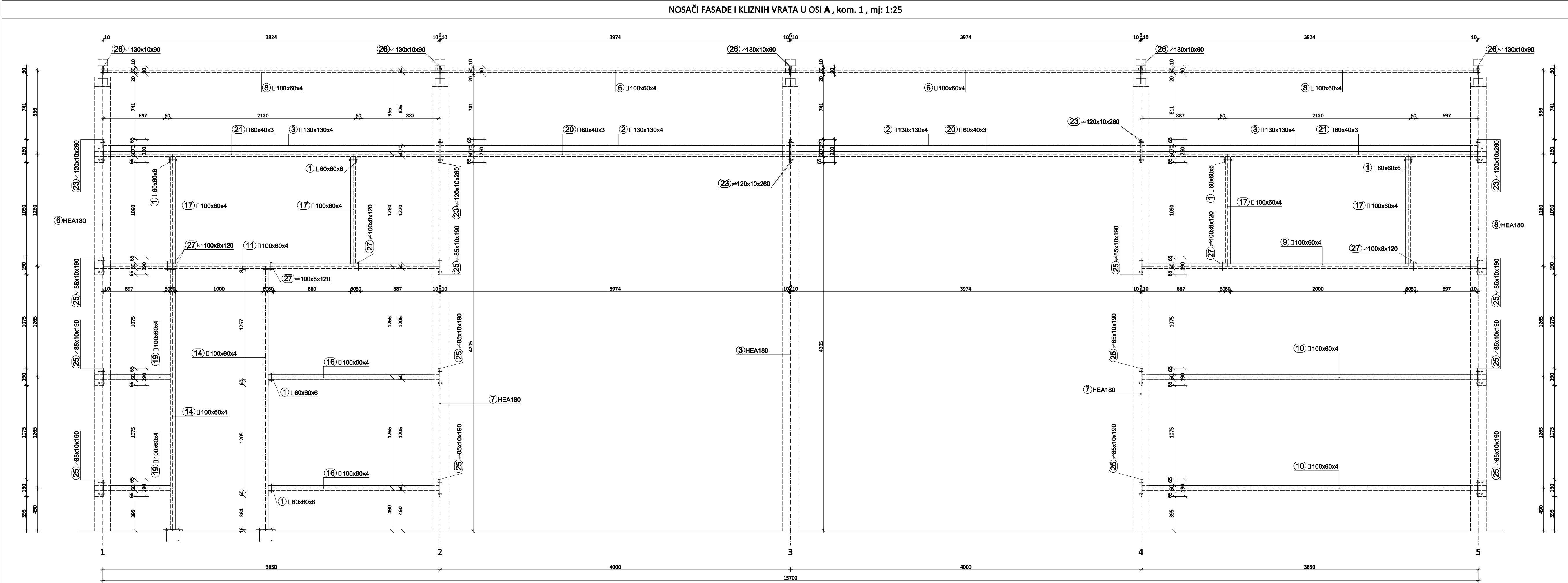
Izradio :  
TOMISLAV PRGIN, struč. spec. ing.građ.

Sadržaj :  
**RADIONIČI NACRT NOSAČA FASADE U OSI 5**

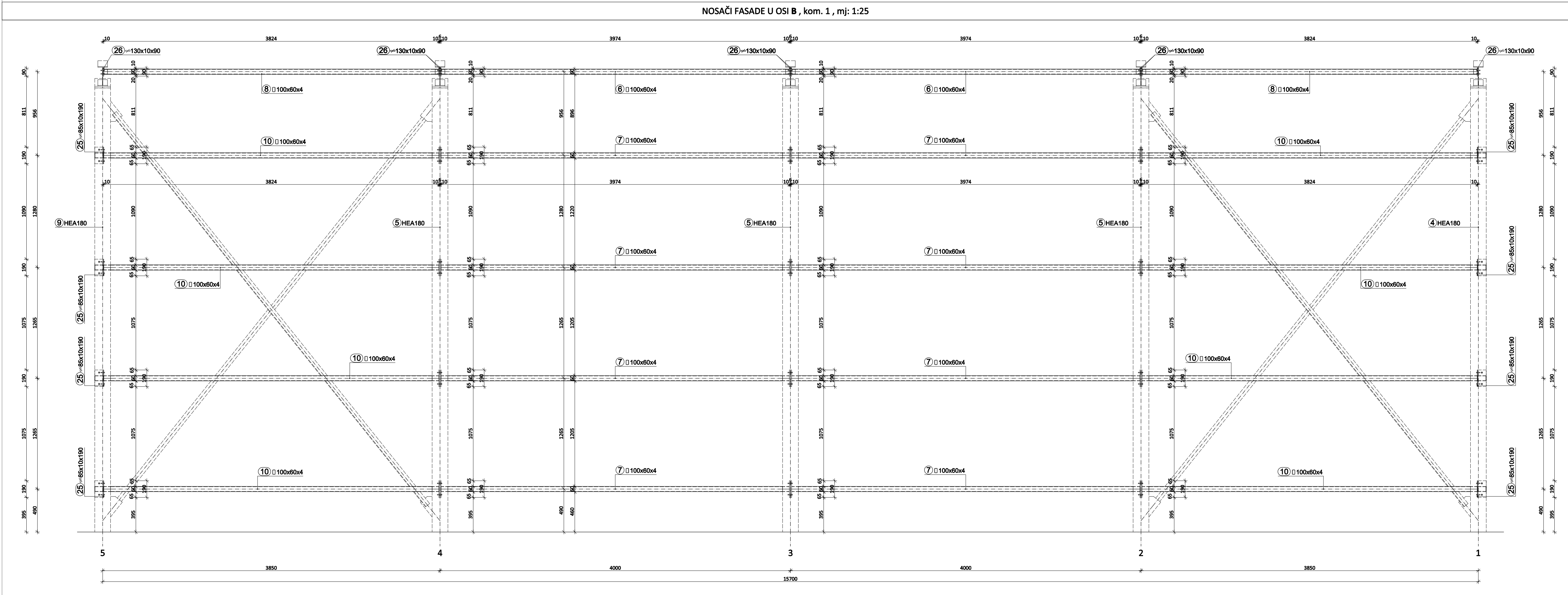
T.D.	Datum :	Mjerilo :	List :
44/14-I	rujan 2013.	1:25	11



NOSAČI FASADE I KLIZNIH VRATA U OSI A, kom. 1, mj: 1:25



NOSAČI FASADE U OSI B, kom. 1, mj: 1:25



RADIONIČI NACRT NOSAČA FASADE U OSIMA A I B

MATERIJAL : S235JR - ČIJEVNI PROFILI SE IZVODE OD RHS ČIJEVI PREMA HRN EN 10210 (TOPLO VALJANE),OSTALI ELEMENTI SU TOPLO VALJANI PROFILI PREMA HRN EN 10025

VIJCI : PREMA HRN EN ISO 4014, KV. 8.8

VAROVI : SVI VAROVI SE IZVODE U KLASI "C" PREMA EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE STUJENKE U SPOJU

**PROJEKT**

Šifra: ZA PROJEKTOVANJE I GRAĐENJE projekti@pjt.com.hr  
POSREDOVANJE U PROMETU NEPOKRETNOSTI Tel/Fax: 144 / 244-490

Gradnja: Rekonstrukcija autobusnog kolodvora  
REKONSTRUKCIJA DVOJOSTRANE

Lokacija: Bjelovar, Ulica Tomislava G. Masaryka  
Čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

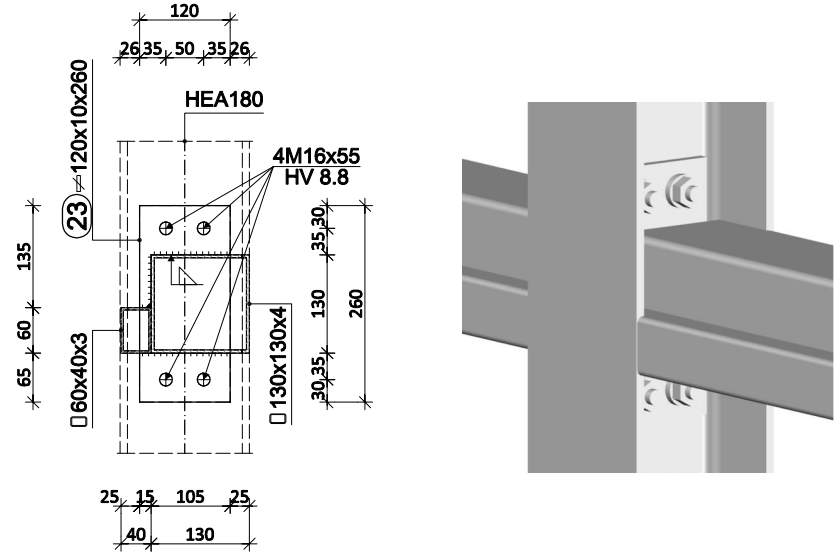
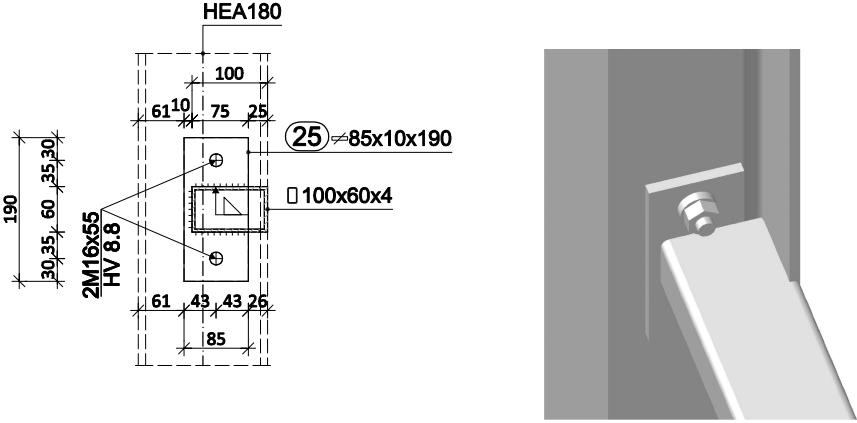
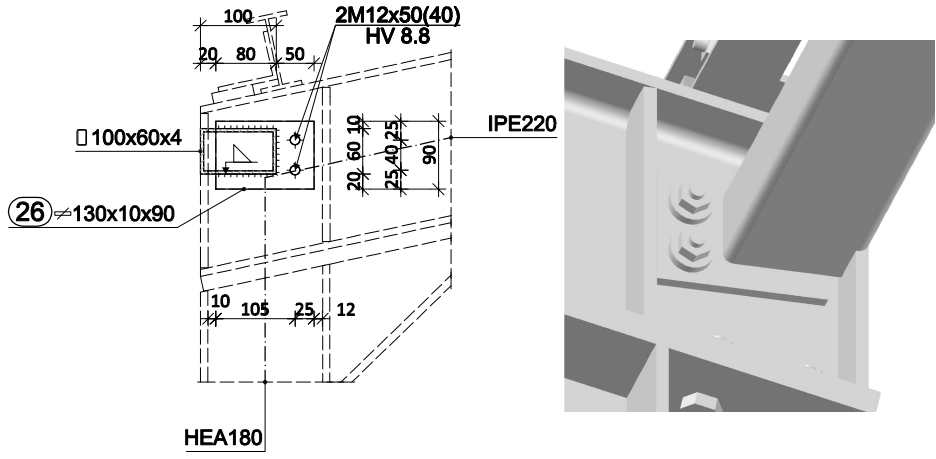
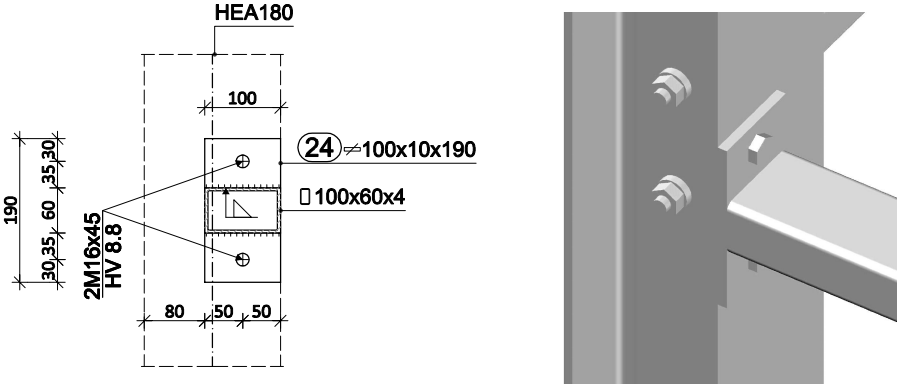
Investitor: "KOMUNALAC" d.o.o. Bjelovar  
F. Ljudevit 14a, Bjelovar

Projektant: MIROSLAV PRGIN, dipl.ing.grad.

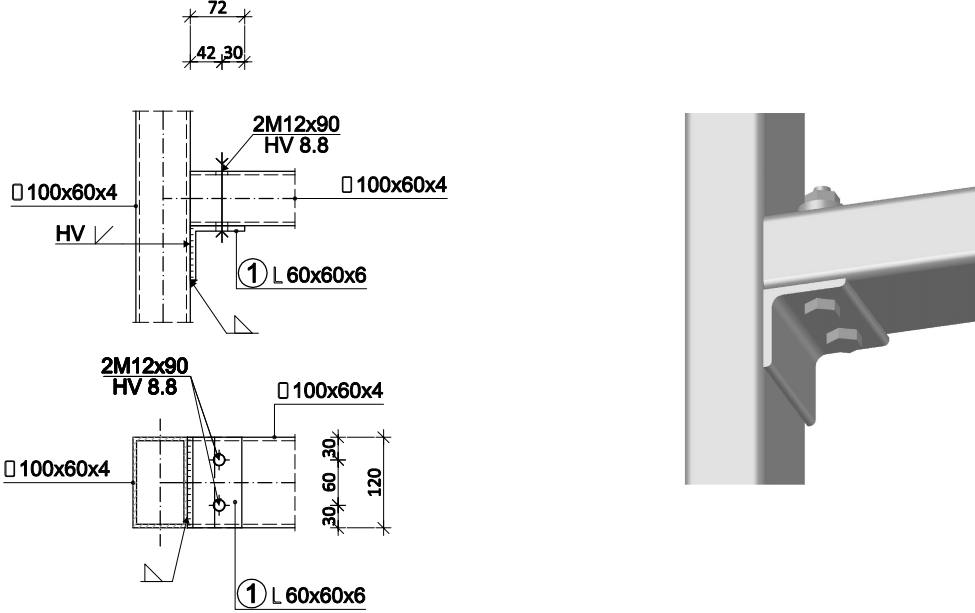
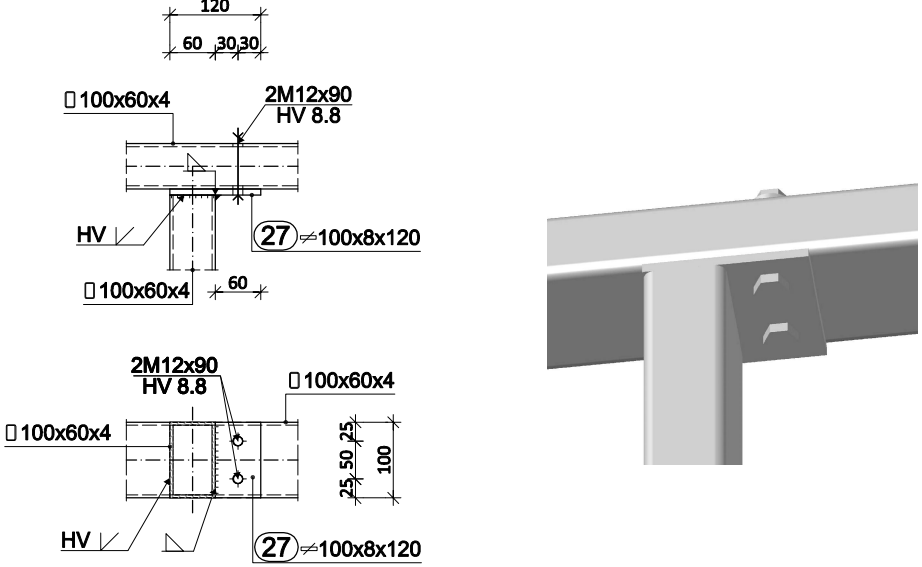
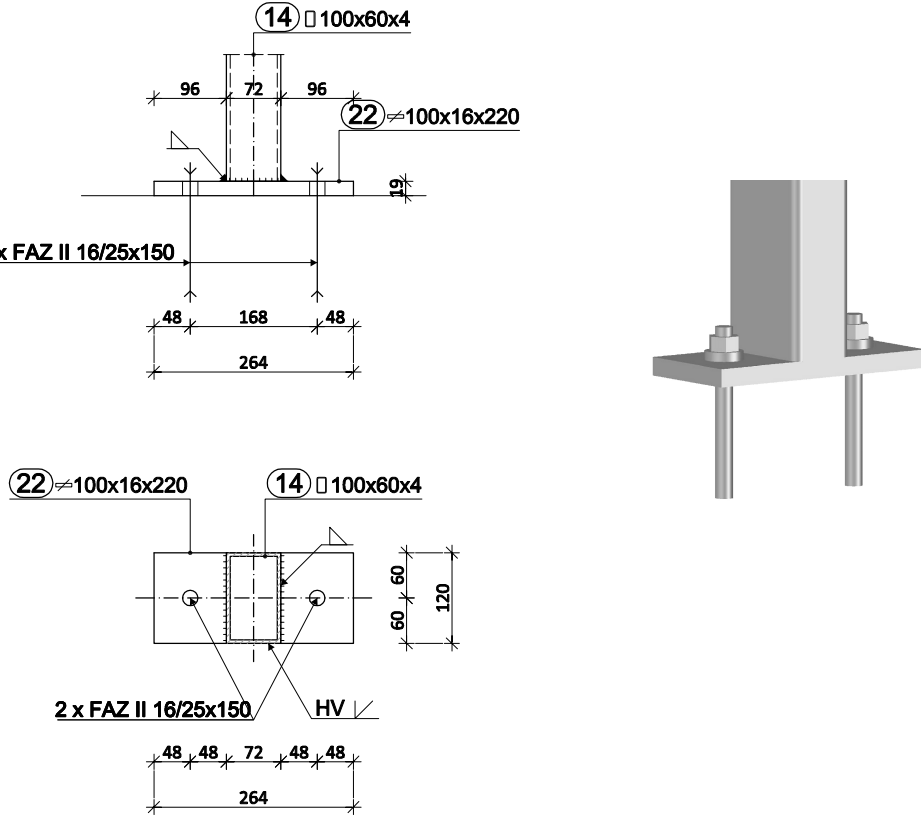
Izdalo: TOMISLAV PRGIN, struč. spec. ing.grad.

Šifra: RADIONIČI NACRT NOSAČA FASADE U OSIMA A I B

T.D.	Datum:	Mjerilo:	List:
44/24-I	rujan 2013.	1:25	12

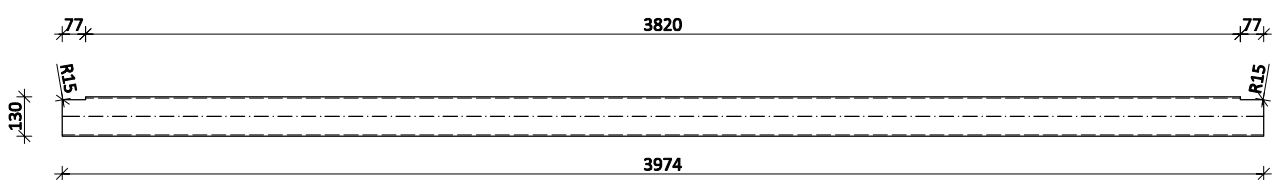
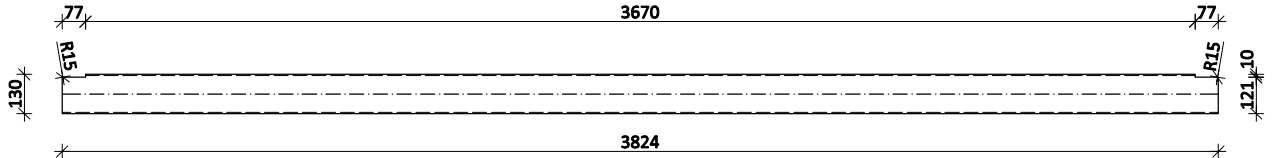
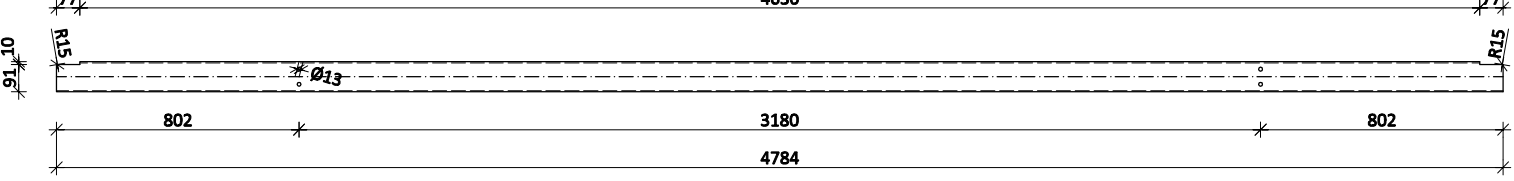
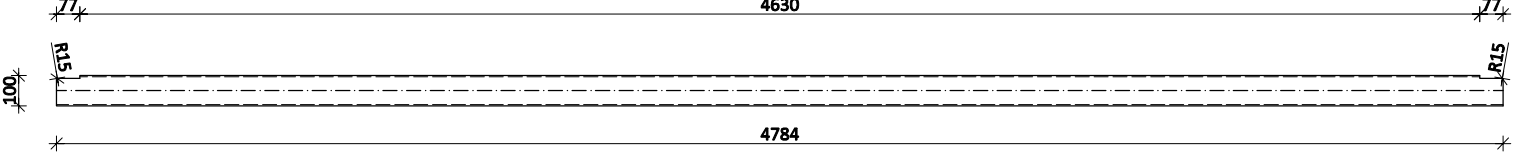
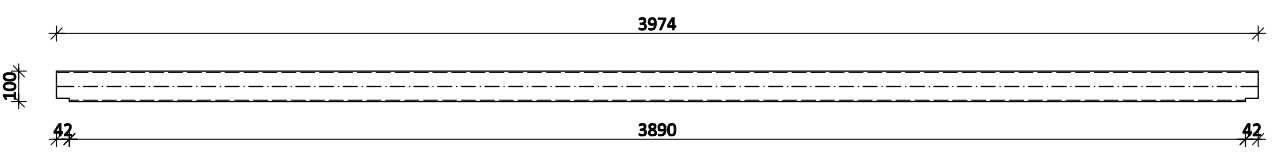
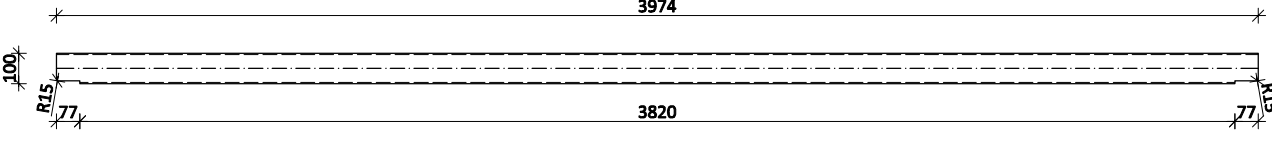
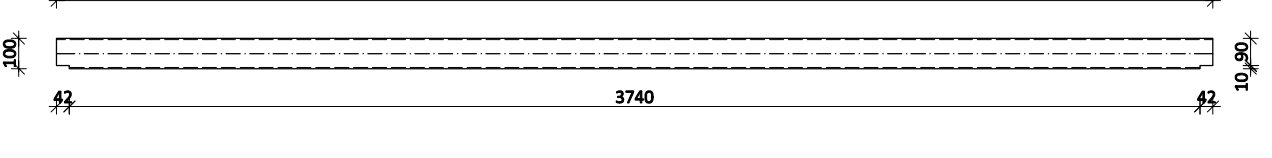
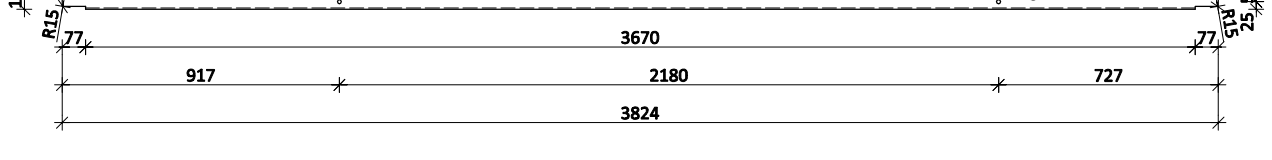
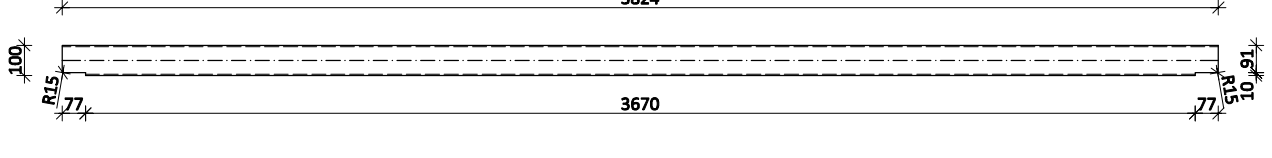
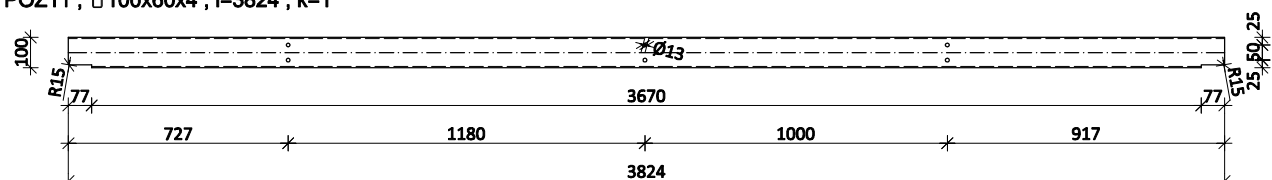
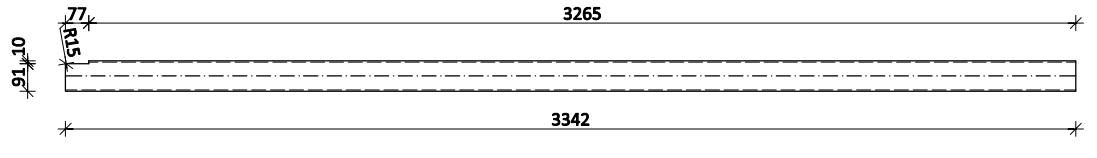
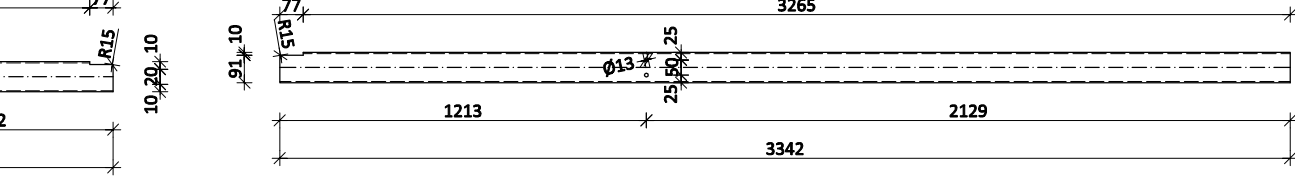
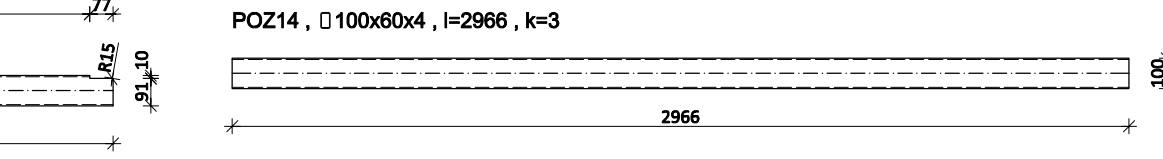
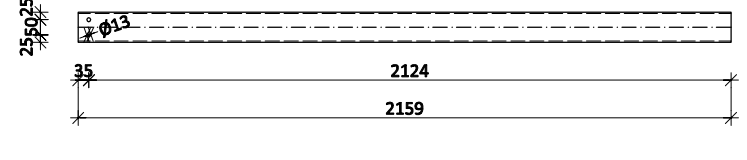
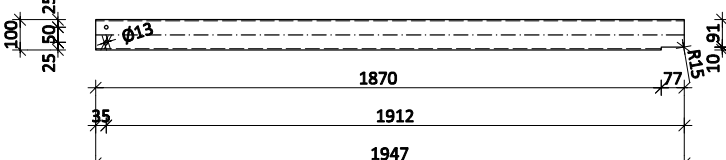
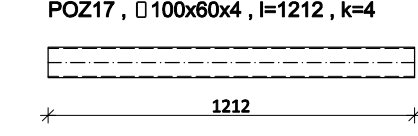
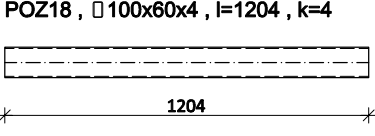
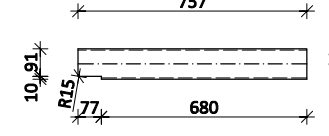
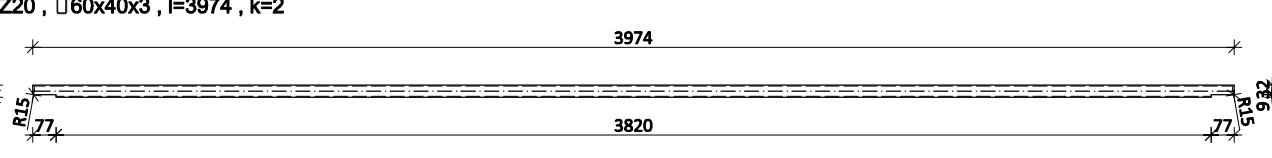
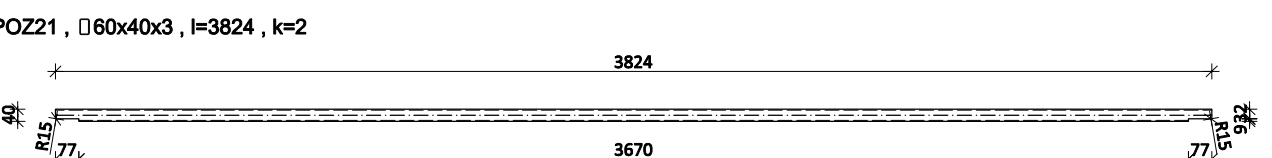
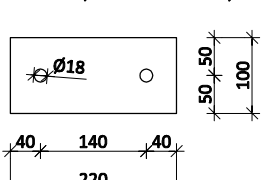
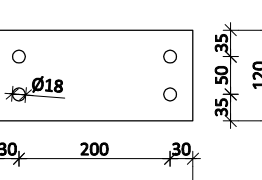
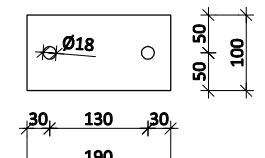
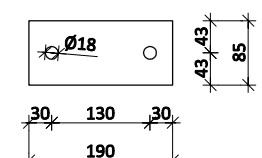
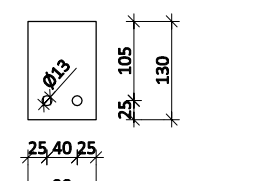
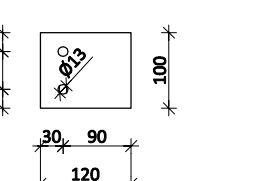
DETALJ LEŽAJA NOSAČA FASADE I KLIZNIH VRATA U OSI A, mj: 1:10	DETALJ LEŽAJA NOSAČA FASADE NA STUPOVIMA OKVIRA, mj: 1:10	DETALJ LEŽAJA NOSAČA FASADE NA PREČKAMA OKVIRA, mj: 1:10	DETALJ LEŽAJA ZAB. NOSAČA FASADE NA UGAONIM STUP., mj: 1:10
			

DETALJI MEĐUSOBOG SPOJA NOSAČA FASADE I LEŽAJA NOSAČA FASADE NA PODNOJ PLOČI, mj: 1:10

		
---	---	--

RADIONIČKI NACRT ŠTAPOVA NOSAČA FASADE , mj: 1:25

RADIONIČKI NACRT PLOČA NOSAČA FASADE , mj: 1:10

<p>POZ2 , □130x130x4 , l=3974 , k=2</p>  <p>POZ3 , □130x130x4 , l=3824 , k=2</p>  <p>POZ4 , □100x60x4 , l=4784 , k=4</p>  <p>POZ5 , □100x60x4 , l=4784 , k=6</p>  <p>POZ6 , □100x60x4 , l=3974 , k=4</p>  <p>POZ7 , □100x60x4 , l=3974 , k=8</p>  <p>POZ8 , □100x60x4 , l=3824 , k=4</p>  <p>POZ9 , □100x60x4 , l=3824 , k=1</p>  <p>POZ10 , □100x60x4 , l=3824 , k=10</p>  <p>POZ11 , □100x60x4 , l=3824 , k=1</p>  <p>POZ12 , □100x60x4 , l=3342 , k=13</p>  <p>POZ13 , □100x60x4 , l=3342 , k=1</p>  <p>POZ14 , □100x60x4 , l=2966 , k=3</p>  <p>POZ15 , □100x60x4 , l=2159 , k=2</p>  <p>POZ16 , □100x60x4 , l=1947 , k=2</p>  <p>POZ17 , □100x60x4 , l=1212 , k=4</p>  <p>POZ18 , □100x60x4 , l=1204 , k=4</p>  <p>POZ19 , □100x60x4 , l=757 , k=2</p>  <p>POZ20 , □60x40x3 , l=3974 , k=2</p>  <p>POZ21 , □60x40x3 , l=3824 , k=2</p>  <p>POZ22 , #100x16x220 , k=3</p>  <p>POZ23 , #120x10x260 , k=8</p>  <p>POZ24 , #100x10x190 , k=16</p>  <p>POZ25 , #85x10x190 , k=78</p>  <p>POZ26 , #130x10x90 , k=16</p>  <p>POZ27 , #100x8x120 , k=15</p>  <p>MATERIJAL : S235JR - CIEVNI PROFILI SE IZVODE OD RHS CIEVI PREMA HRN EN 10210 (TOPLO VALJANE),OSTALI ELEMENTI SU TOPLO VALJANI PROFILI PREMA HRN EN 10025</p> <p>VIJCI : PREMA HRN EN ISO 4014, KV. 8.8</p> <p>VAROVI : SVI VAROVI SE IZVODE U KLASI "C" PREMA EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE STIJENKE U SPOJU</p>	<p>DETALJI SPOJEVA I RADIONIČKI NACRTI ŠTAPOVA I PLOČA NOSAČA FASADE</p> <p>MATERIJAL : S235JR - CIEVNI PROFILI SE IZVODE OD RHS CIEVI PREMA HRN EN 10210 (TOPLO VALJANE),OSTALI ELEMENTI SU TOPLO VALJANI PROFILI PREMA HRN EN 10025</p> <p>VIJCI : PREMA HRN EN ISO 4014, KV. 8.8</p> <p>VAROVI : SVI VAROVI SE IZVODE U KLASI "C" PREMA EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE STIJENKE U SPOJU</p>
---	--

PROJEKT

d.o.o. ZA PROJEKTIRANJE I GRAĐENJE  
TRG HRVATSKOG BOKAL 4 , BIJELOVAR

projekt@bj.com.hr  
Tel/fax : 049 / 249-400

Gradivna :  
Rekonstrukcija autobusnog kolodvora  
RECIKAŽNO DVORIŠTE

Lokacija :  
Bjelovar, Ul. Tomaša G. Masaryka  
Čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

Investitor :  
„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :  
MIROSLAV PRGIN, dipl.ing.građ.

Izradio :  
TOMISLAV PRGIN, struč. spec. ing.građ.

Sadržaj :  
DETALJI SPOJEVA I RADIONIČKI NACRTI  
ŠTAPOVA I PLOČA NOSAČA FASADE

T.D. Datum : Mjerilo : List :  
44/14-I rujan 2013. 1:25,10 13

## ¥tapovi i plo e - specifikacija

POS	Tip	Materijal	n [kom]	¥irina [mm]	Debljina [mm]	Du0ina [mm]	Jed.te0ina [kg/m]	Te0ina po kom. [kg]	Ukupna te0ina [kg]
Hala za baliranje (1 kom)									
1	HEA180	S235JR	2			6025.38	35.52	214.04	428.07
2	HEA180	S235JR	2			6025.38	35.52	214.04	428.07
3	HEA180	S235JR	1			5281.64	35.52	187.62	187.62
4	HEA180	S235JR	1			5281.64	35.52	187.62	187.62
5	HEA180	S235JR	3			5281.64	35.52	187.62	562.85
6	HEA180	S235JR	1			5281.64	35.52	187.62	187.62
7	HEA180	S235JR	2			5281.64	35.52	187.62	375.23
8	HEA180	S235JR	1			5281.64	35.52	187.62	187.62
9	HEA180	S235JR	1			5281.64	35.52	187.62	187.62
10	IPE220	S235JR	4			6103.52	26.20	159.89	639.55
11	IPE220	S235JR	6			6103.52	26.20	159.89	959.32
12	IPE100	S235JR	24			3996.00	8.10	32.38	777.18
13	IPE100	S235JR	24			3938.00	8.10	31.91	765.90
14	└80x65x6	S235JR	36			160.00	6.60	1.06	38.02
15	└80x65x6	S235JR	24			115.00	6.60	0.76	18.22
16	└60x60x6	S235JR	4			5728.97	5.42	31.07	124.28
17	└55x55x6	S235JR	8			4882.17	4.95	24.18	193.42
18	└55x55x6	S235JR	8			4331.53	4.95	21.45	171.61
19	└60x40x4	S235JR	2			6054.54	2.96	17.93	35.87
20	└60x40x4	S235JR	2			6054.54	2.96	17.93	35.87
21	○12	S235JR	3			815.49	0.89	0.72	2.17
22	◎76.1/3.6	S235JR	8			3560.00	6.44	22.91	183.32
23	◎76.1/3.6	S235JR	4			3500.00	6.44	22.53	90.11
24	◎88.9/5	S235JR	3			7233.61	10.35	74.84	224.51
25	φ320x25x400	S235JR	10	320.00	25.00	400.00	200.00	25.60	256.00
26	φ211x25x320	S235JR	4	211.00	25.00	320.00	200.00	13.50	54.02
27	φ180x20x420	S235JR	10	180.00	20.00	420.00	160.00	12.10	120.96
28	φ130x20x390	S235JR	10	130.00	20.00	390.00	160.00	8.11	81.12
29	φ171x20x204	S235JR	4	171.00	20.00	204.12	160.00	5.58	22.34
30	φ174x16x673	S235JR	6	174.25	16.00	672.65	128.00	15.00	90.02
31	φ55x14x135	S235JR	36	55.00	14.00	135.00	112.00	0.83	29.94
32	φ55x14x90	S235JR	24	55.00	14.00	90.00	112.00	0.55	13.31
33	φ152x10x401	S235JR	4	152.05	10.00	401.47	80.00	4.88	19.53
34	φ152x10x401	S235JR	4	152.05	10.00	401.47	80.00	4.88	19.53
35	φ180x10x314	S235JR	10	180.00	10.00	314.27	80.00	4.53	45.26
36	φ122x10x238	S235JR	8	122.05	10.00	237.52	80.00	2.32	18.55



## ¥tapovi i plo e - specifikacija

POS	Tip	Materijal	n [kom]	¥irina [mm]	Debljina [mm]	Du0ina [mm]	Jed.te0ina [kg/m]	Te0ina po kom. [kg]	Ukupna te0ina [kg]
37	¥122x10x229	S235JR	8	122.05	10.00	228.70	80.00	2.23	17.86
38	¥141x10x275	S235JR	7	140.92	10.00	275.49	80.00	3.11	21.74
39	¥141x10x275	S235JR	3	140.92	10.00	275.49	80.00	3.11	9.32
40	¥125x10x314	S235JR	10	125.05	10.00	314.24	80.00	3.14	31.44
41	¥115x10x125	S235JR	20	114.50	10.00	125.00	80.00	1.15	22.90
42	¥87x10x152	S235JR	20	87.00	10.00	152.00	80.00	1.06	21.16
43	¥52x10x204	S235JR	76	52.05	10.00	204.07	80.00	0.85	64.58
44	¥320x8x400	S235JR	10	320.00	8.00	400.00	64.00	8.19	81.92
45	¥211x8x320	S235JR	4	211.00	8.00	320.00	64.00	4.32	17.29
46	¥115x8x305	S235JR	12	115.00	8.00	305.00	64.00	2.24	26.94
47	¥254x8x193	S235JR	8	254.43	8.00	193.24	64.00	3.15	25.17
48	¥100x8x220	S235JR	24	100.00	8.00	220.00	64.00	1.41	33.79
49	¥40x8x145	S235JR	3	40.00	8.00	144.56	64.00	0.37	1.11
50	¥70x8x70	S235JR	48	70.00	8.00	70.00	64.00	0.31	15.05

Ukupno

8152.49

## Nosa i fasade (1 kom)

1	└60x60x6	S235JR	8			100.00	5.42	0.54	4.34
2	□130x130x4	S235JR	2			3974.00	15.80	62.78	125.57
3	□130x130x4	S235JR	2			3824.00	15.80	60.41	120.83
4	□100x60x4	S235JR	4			4784.00	9.40	44.96	179.85
5	□100x60x4	S235JR	6			4784.00	9.40	44.96	269.77
6	□100x60x4	S235JR	4			3974.10	9.40	37.35	149.40
7	□100x60x4	S235JR	8			3974.00	9.40	37.35	298.79
8	□100x60x4	S235JR	4			3824.10	9.40	35.94	143.76
9	□100x60x4	S235JR	1			3824.00	9.40	35.94	35.94
10	□100x60x4	S235JR	10			3824.00	9.40	35.94	359.39
11	□100x60x4	S235JR	1			3824.00	9.40	35.94	35.94
12	□100x60x4	S235JR	13			3341.50	9.40	31.40	408.26
13	□100x60x4	S235JR	1			3341.50	9.40	31.40	31.40
14	□100x60x4	S235JR	3			2966.00	9.40	27.88	83.63
15	□100x60x4	S235JR	2			2159.00	9.40	20.29	40.58
16	□100x60x4	S235JR	2			1947.00	9.40	18.30	36.60
17	□100x60x4	S235JR	4			1212.00	9.40	11.39	45.56
18	□100x60x4	S235JR	4			1204.00	9.40	11.32	45.26
19	□100x60x4	S235JR	2			757.00	9.40	7.11	14.23
20	□60x40x3	S235JR	2			3974.00	4.33	17.19	34.39
21	□60x40x3	S235JR	2			3824.00	4.33	16.54	33.09



Klapovi i ploče - specifikacija									
POS	Tip	Materijal	n [kom]	Širina [mm]	Debljina [mm]	Dužina [mm]	Jed.težina [kg/m]	Težina po kom. [kg]	Ukupna težina [kg]
22	100x16x220	S235JR	3	100.00	16.00	220.00	128.00	2.82	8.45
23	120x10x260	S235JR	8	120.00	10.00	260.00	80.00	2.50	19.97
24	100x10x190	S235JR	16	100.00	10.00	190.00	80.00	1.52	24.32
25	85x10x190	S235JR	78	85.00	10.00	190.00	80.00	1.29	100.78
26	130x10x90	S235JR	16	130.00	10.00	90.00	80.00	0.94	14.98
27	100x8x120	S235JR	15	100.00	8.00	120.00	64.00	0.77	11.52
Ukupno									2676.59

Profili - rekapitulacija				
Tip profila	Materijal	Jed.težina [kg/m]	Ukupna dužina [m]	Ukupna težina [kg]
HEA180	S235JR	35.52	76.92	2732.31
IPE220	S235JR	26.20	61.04	1598.87
IPE100	S235JR	8.10	190.42	1543.08
└ 80x65x6	S235JR	6.60	8.52	56.24
└ 60x60x6	S235JR	5.42	23.72	128.62
└ 55x55x6	S235JR	4.95	73.71	365.03
└ 60x40x4	S235JR	2.96	24.22	71.74
□60x40x3	S235JR	4.33	15.60	67.48
○12	S235JR	0.89	2.45	2.17
◎76.1/3.6	S235JR	6.44	42.48	273.43
□130x130x4	S235JR	15.80	15.60	246.39
□100x60x4	S235JR	9.40	231.78	2178.37
◎88.9/5	S235JR	10.35	21.70	224.51
Ukupno				9488.23

Ploče - rekapitulacija				
Debljina [mm]	Materijal	Jed.težina [kg/m <sup>2</sup> ]	Ukupna težina [kg]	
8	S235JR	64.00	212.79	
10	S235JR	80.00	451.91	
14	S235JR	112.00	43.24	
16	S235JR	128.00	98.46	
20	S235JR	160.00	224.42	
25	S235JR	200.00	310.02	
Ukupno				1340.85

Zbirna rekapitulacija	
Sklop	Ukupna težina [kg]
Hala za baliranje (1 kom)	8152.49
Nosači i fasade (1 kom)	2676.59
Ukupno	10829.08
Ukupno (+ za spojna sredstva 3%)	11153.95

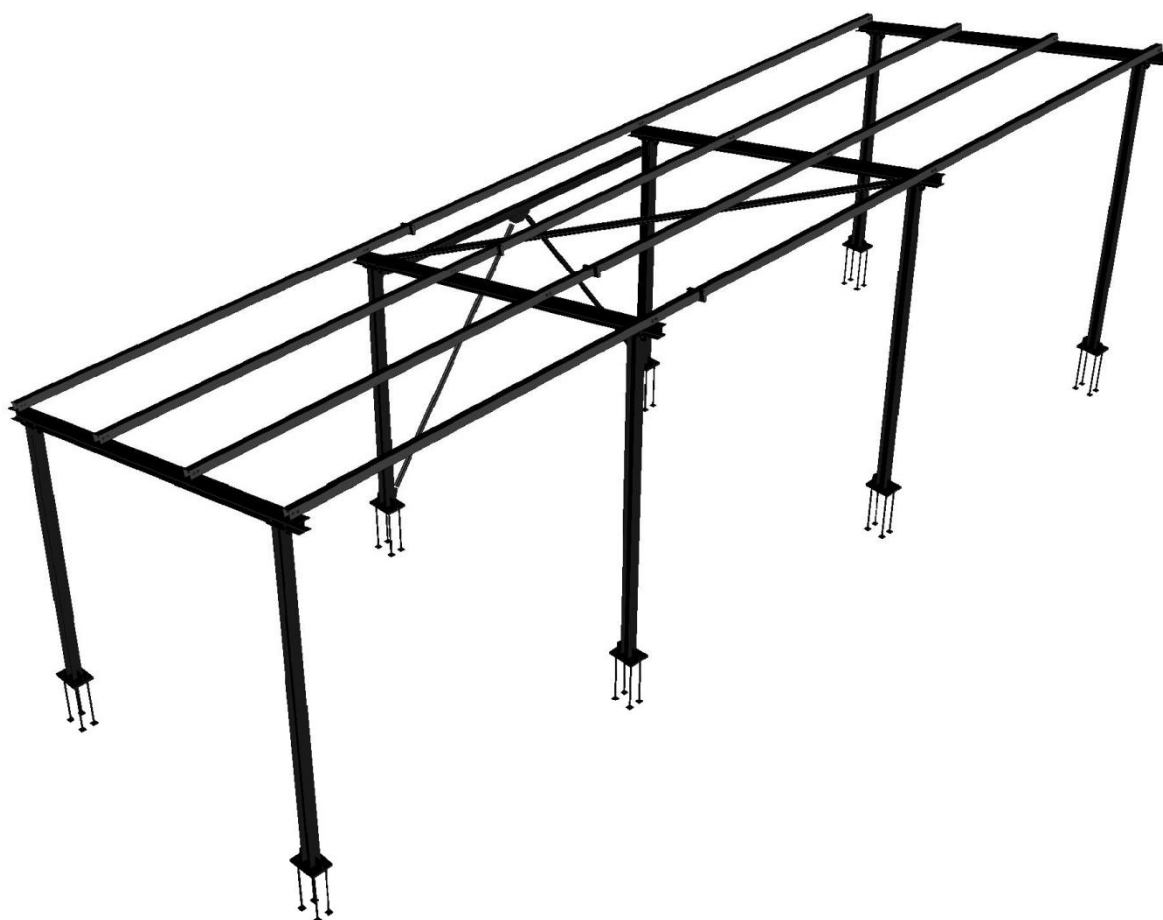
## Rekapitulacija vijaka po sklopovima

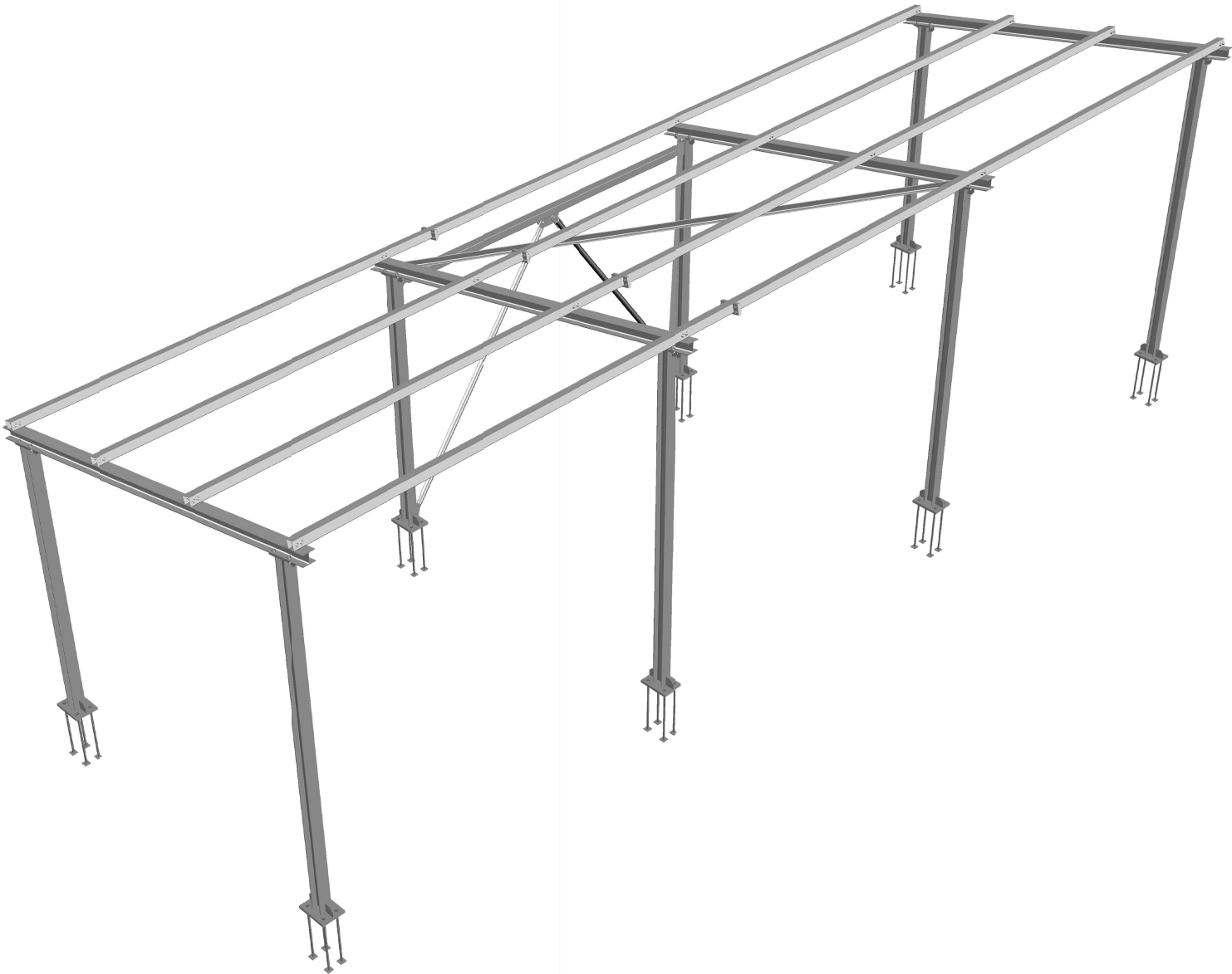
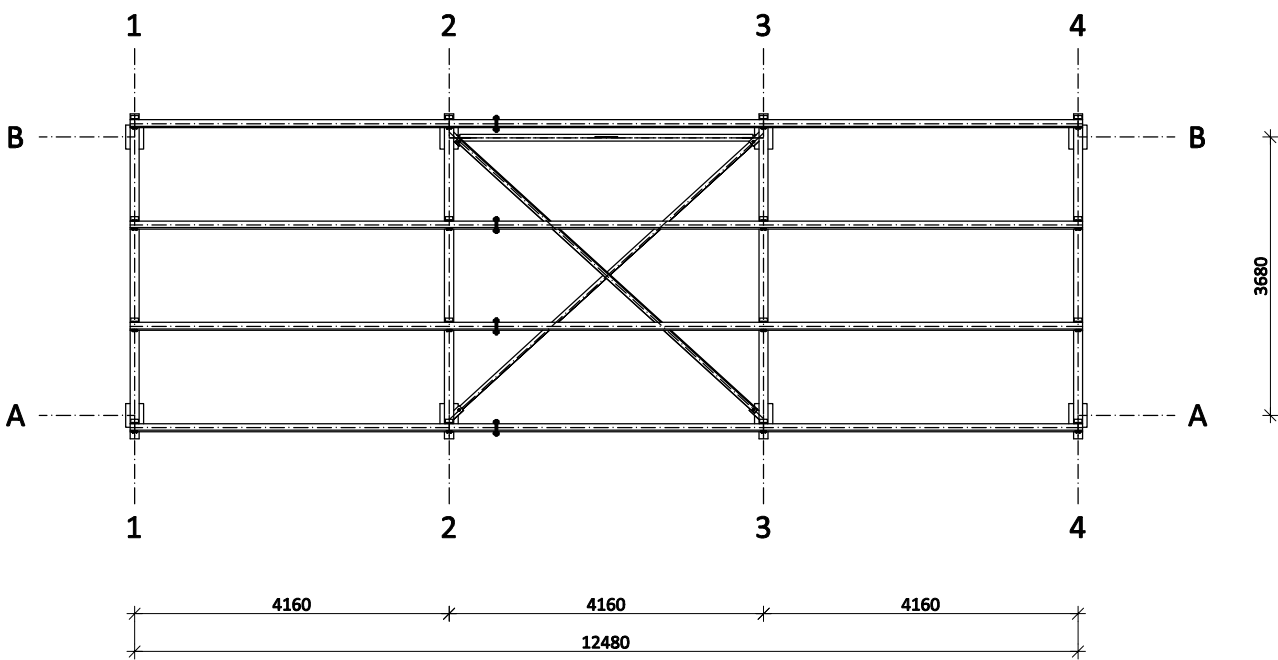
Sklop	Tip vijka	Materijal	Broj komada	Dužina [mm]
Hala za baliranje	M22	5.6	48	755.0
Hala za baliranje	M16	8.8	128	40.0
Hala za baliranje	M16	8.8	59	45.0
Hala za baliranje	M16	8.8	80	55.0
Hala za baliranje	M16	8.8	24	60.0
Hala za baliranje	M16	8.8	30	65.0
Nosa i fasade	FAZ II 16/25	10.9	6	150.0
Nosa i fasade	M12	8.8	8	40.0
Nosa i fasade	M12	8.8	12	50.0
Nosa i fasade	M12	8.8	42	90.0
Nosa i fasade	M12	8.8	2	100.0
Nosa i fasade	M16	8.8	100	45.0
Nosa i fasade	M16	8.8	56	55.0

## Rekapitulacija vijaka

Tip vijka	Materijal	Broj komada	Dužina [mm]
FAZ II 16/25	10.9	6	150.0
M22	5.6	48	755.0
M12	8.8	8	40.0
M12	8.8	12	50.0
M12	8.8	42	90.0
M12	8.8	2	100.0
M16	8.8	128	40.0
M16	8.8	159	45.0
M16	8.8	136	55.0
M16	8.8	24	60.0
M16	8.8	30	65.0

## 2.1. NADSTREŠNICA





NADSTREŠNICA

TLOCRTNA DISPOZICIJA  
KONSTRUKCIJE NADSTREŠNICE

PROJEKT

d.o.o. ZA PROJEKTIRANJE I GRAĐENJE

TRG HRVATSKOG SOKOLA 4 , BJELOVAR

projekt@bj.t-com.hr

Tel/Fax : 043 / 243-400

Gradovina :

Rekonstrukcija autobusnog kolodvora  
RECIKLAŽNO DVORIŠTE

Lokacija :

Bjelovar, Ul. Tomaša G. Masaryka  
čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

Investitor :

„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :

HRVATSKA KOMORA INŽENJERA GRAĐEVINARSTVA

MIROSLAV PRGIN, spec. ing. građ.

spec. ing. građ.

Ovlašteni inženjer građevinarstva

G 135

Izradio :

TOMISLAV PRGIN, struč. spec. ing. građ.

Sadržaj :

TLOCRTNA DISPOZICIJA KONSTRUKCIJE  
NADSTREŠNICE

T.D.

Datum :

Mjerilo :

List :

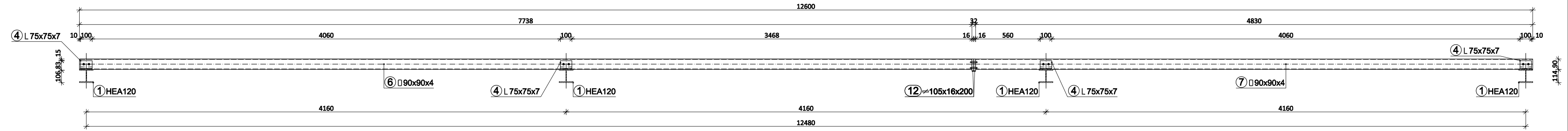
44/14-I

rujan 2013.

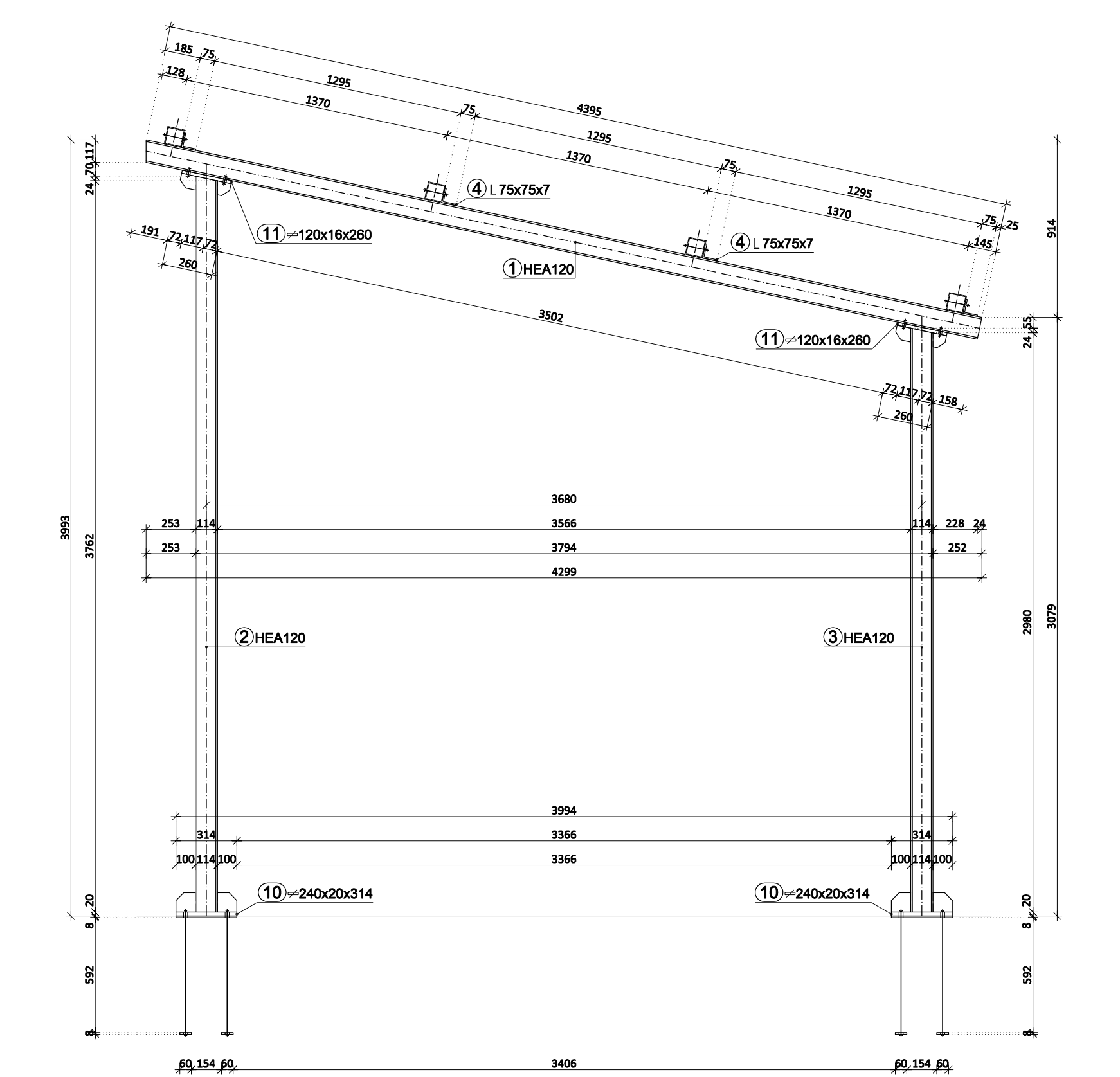
1:100

14

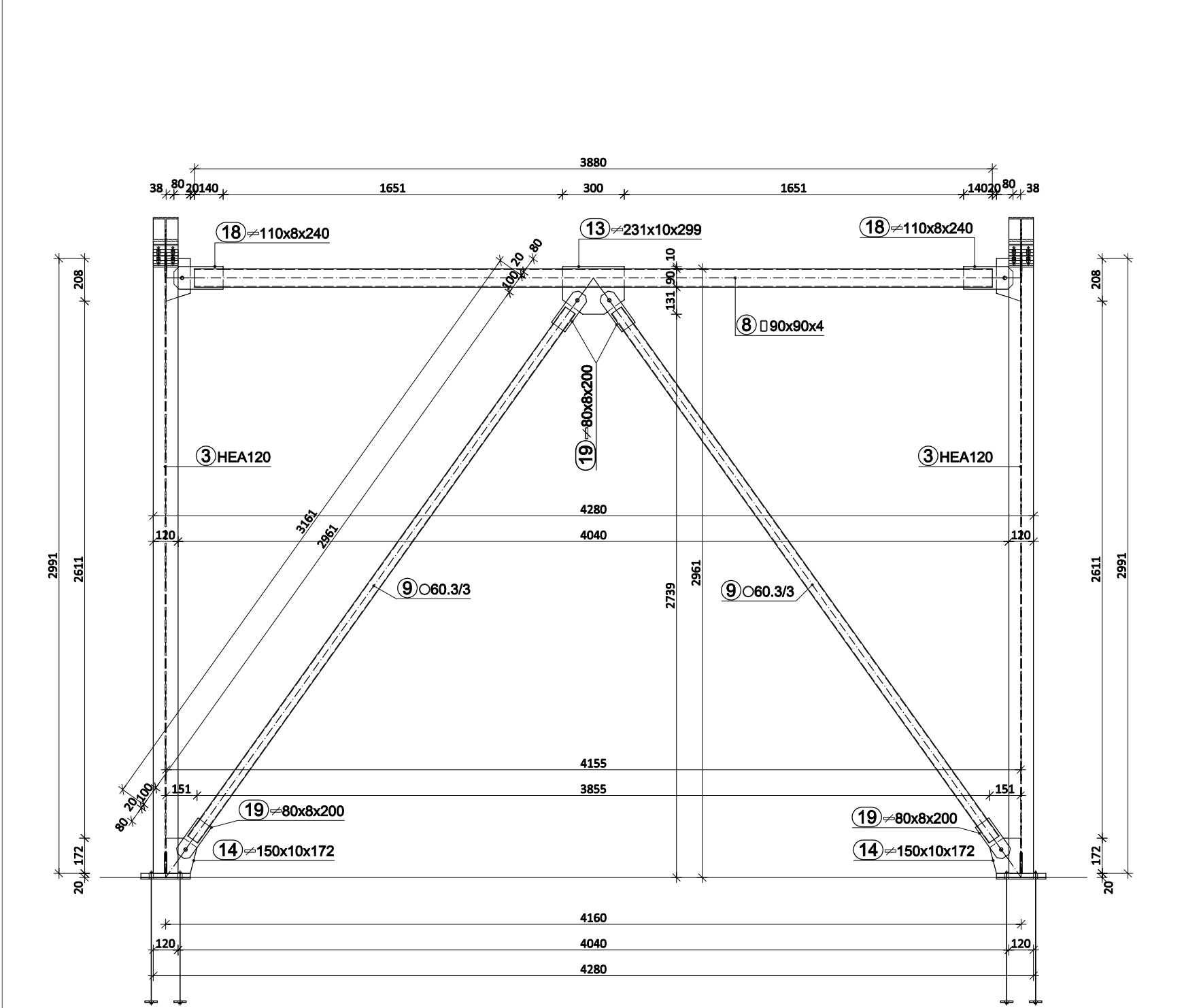
SEKUNDARCI , kom. 4 , mj: 1:25



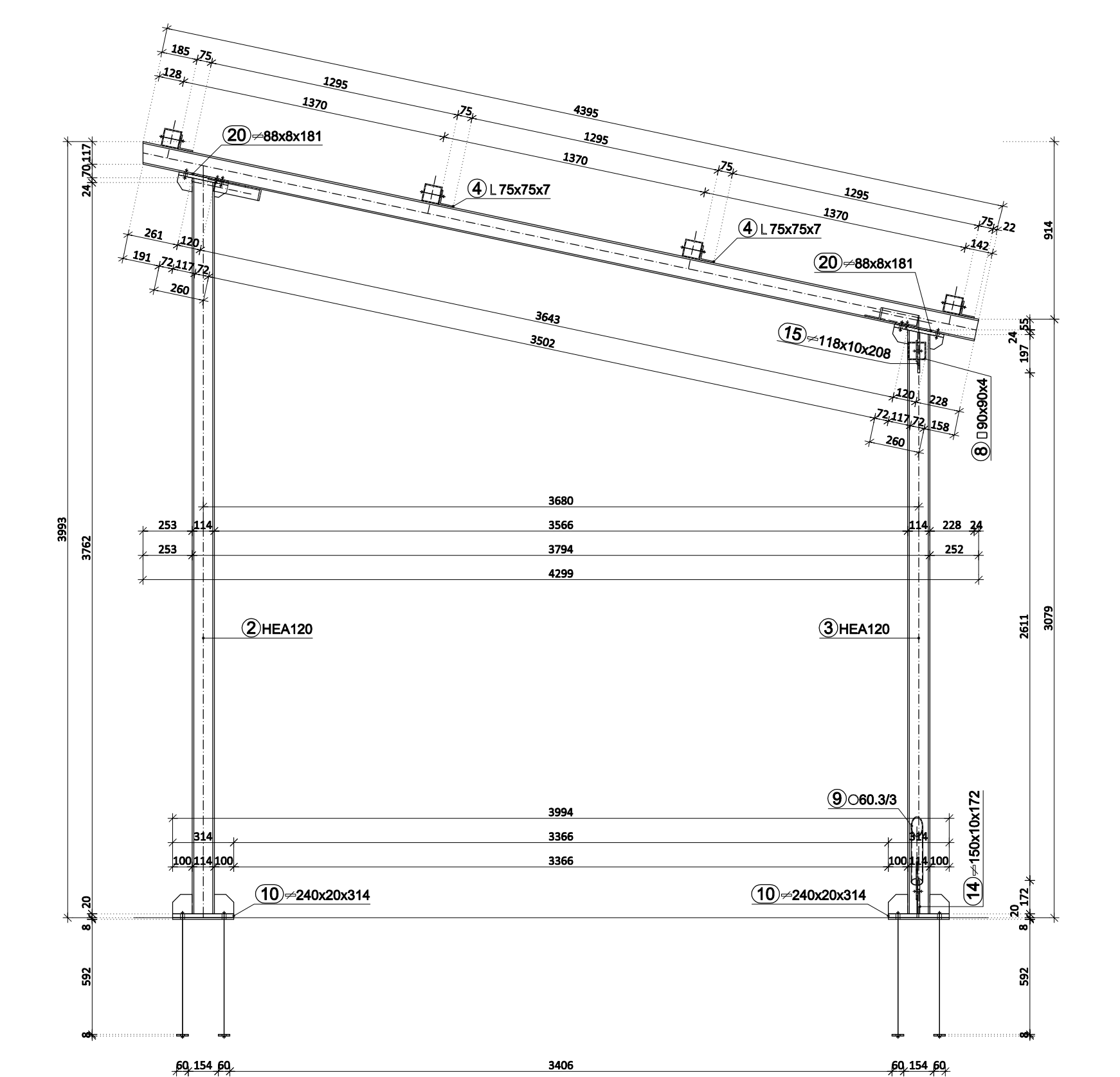
OKVIRI U OSIMA 1 i 4 , kom. 2 (1\1) , mj: 1:25



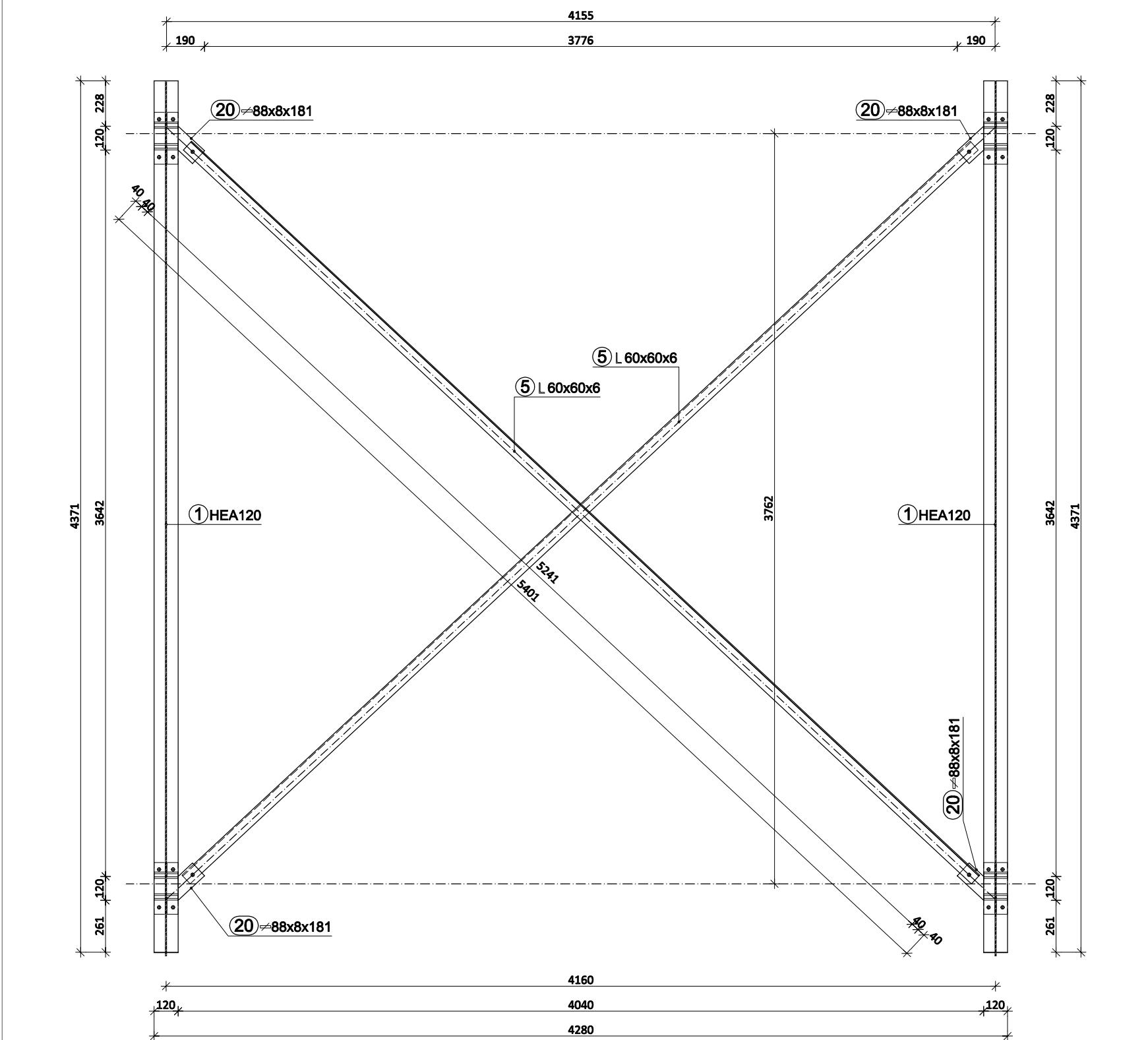
VERTIKALNI SPREG IZMEĐU OSI 2 i 3 , kom. 1 , mj: 1:25



OKVIRI U OSIMA 2 i 3 , kom. 2 (1\1) , mj: 1:25



KROVNI SPREG IZMEĐU OSI 2 i 3 - PRIKAZ U RAVNINI KROVNOG SPREGA , kom. 1 , mj: 1:25



RADIONIČI NACRT OKVIRA, VERTIKALNOG SPREGA, KROVNOG SPREGA I SEKUNDARACA

MATERIJAL :  
S235JR - CIEVNI PROFILI SE IZVODE OD RHS  
CIEVI PREMA HRN EN 10210 (TOPLO  
VALJANE),OSTALI ELEMENTI SU TOPLO  
VALJANI PROFILI PREMA HRN EN 10025

VIJCI :  
PREMA HRN EN ISO 4014, KV. 8.8

VAROVI :  
SVI VAROVI SE IZVODE U KLASI "C" PREMA  
EN ISO 5817 , KUTNI VAROVI 0,7 d TANJE  
STIJENKE U SPOJU

**PROJEKT**

d.o.o. ZA PROJEKTIRANJE I GRAĐENJE  
TRG HRVATSKOG ŠKOLA 4 , BJELOVAR  
projekti@pjg.com.hr  
Tel/fax : 043 / 243-400

Gradivina :  
Rekonstrukcija autobusnog kolodvora  
RECIKAŽNO DVORIŠTE

Lokacija :  
Bjelovar, Ul. Tomaša G. Masaryka  
Čest.kat.br. 2975 (3717/1), k.o. Grad Bjelovar

Investitor :  
„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

Projektant :  
POSREDOVANJE U PROMETU NEPOKRETNOSTI  
MIROSLAV PRGIN - inž.ing.grad.  
Bjelovar  
Ovlašten inženjer građevinarstva  
G 135

Izdrio :  
TOMISLAV PRGIN, struč. spec. ing.grad.

Sadržaj :  
RADIONIČI NACRT OKVIRA,VERTIKALNOG SPREGA,  
KROVNOG SPREGA I SEKUNDARACA

T.D. :  
44/14-I

Datum :  
rujan 2013.

Mjerilo :  
1:25

List :  
15

NADSTREŠNICA



**VIJCI :**  
**PREMA HRN EN ISO 4014, KV. 8.8**

**PROJEKT**

---

d.o.o. ZA PROJEKTIRANJE I GRAĐENJE  
TRG HRVATSKOG ŠOKOLA 4, BJELOVAR

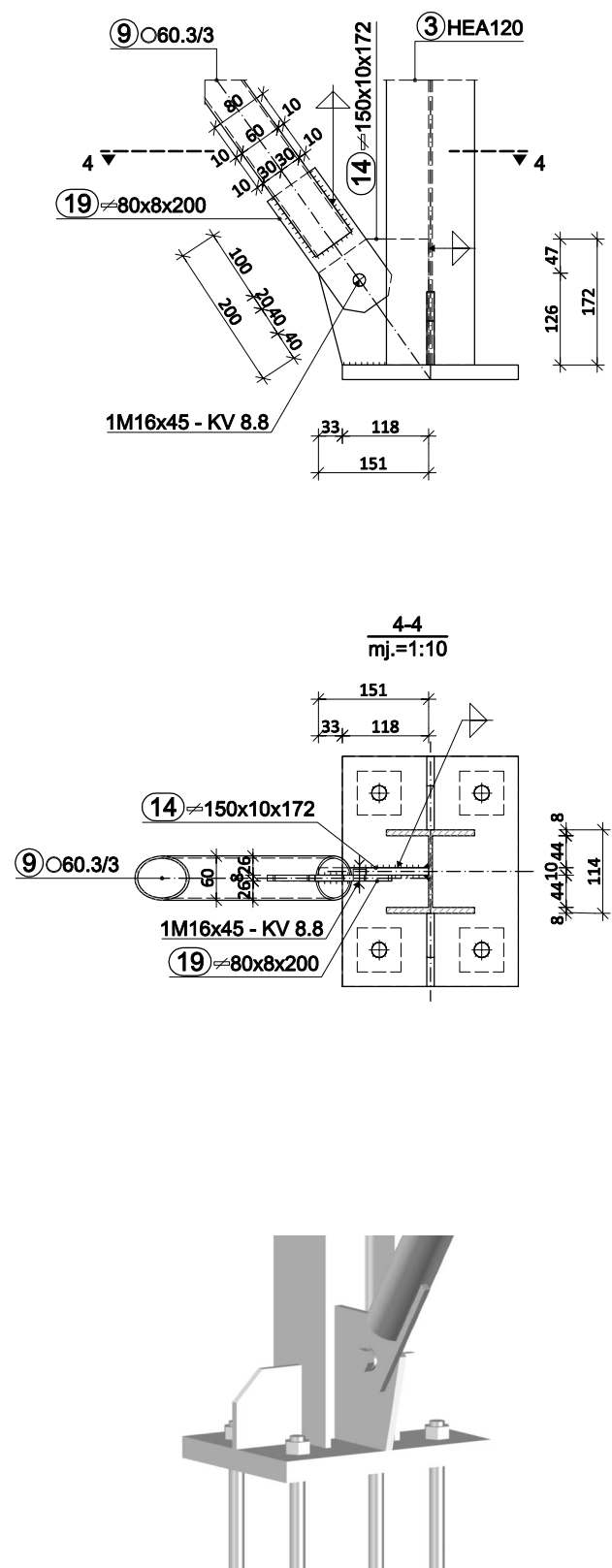
projekt@bj.t-com.hr  
Tel/Fax : 043 / 243-4...

Investitor :  
„KOMUNALAC“ d.o.o. Bjelovar  
F. Livadića 14a, Bjelovar

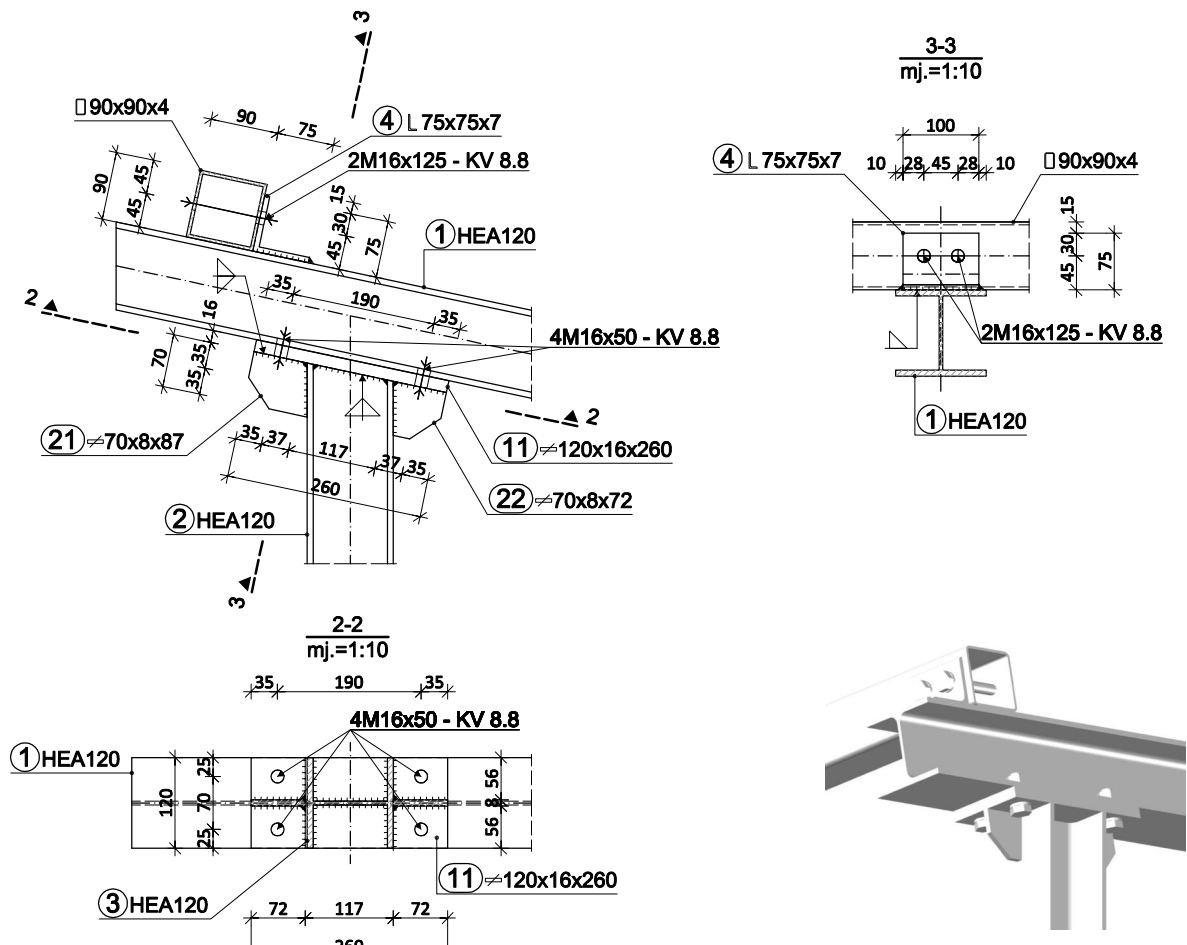
Izradio :  
TOMISLAV PRGIN, struč. spec. ing. građ.

44/14-I	rujan 2013.	1:25,10	16
---------	-------------	---------	----

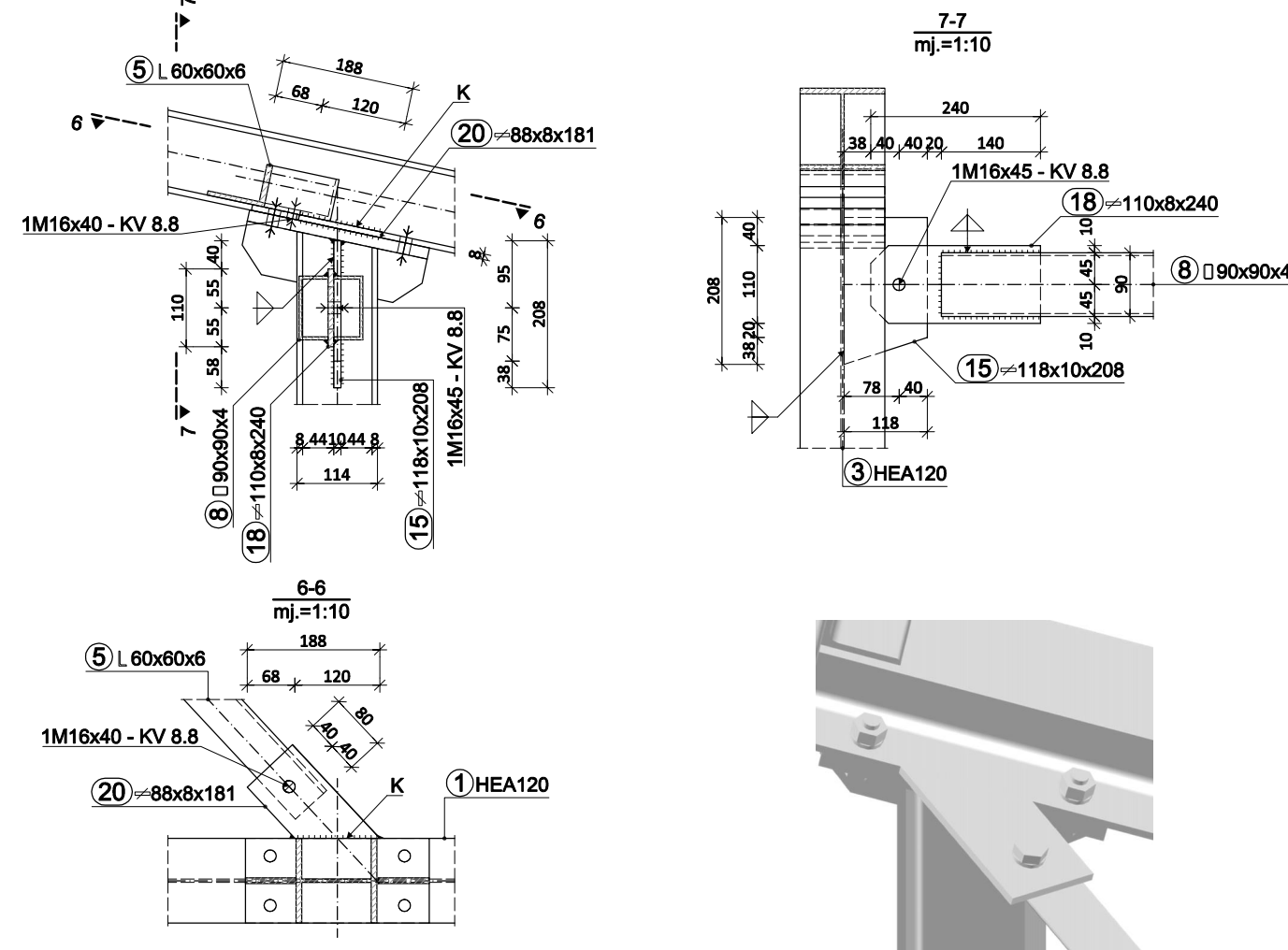
**RADIONIČKI NACRT PLOČA , mj: 1:25**



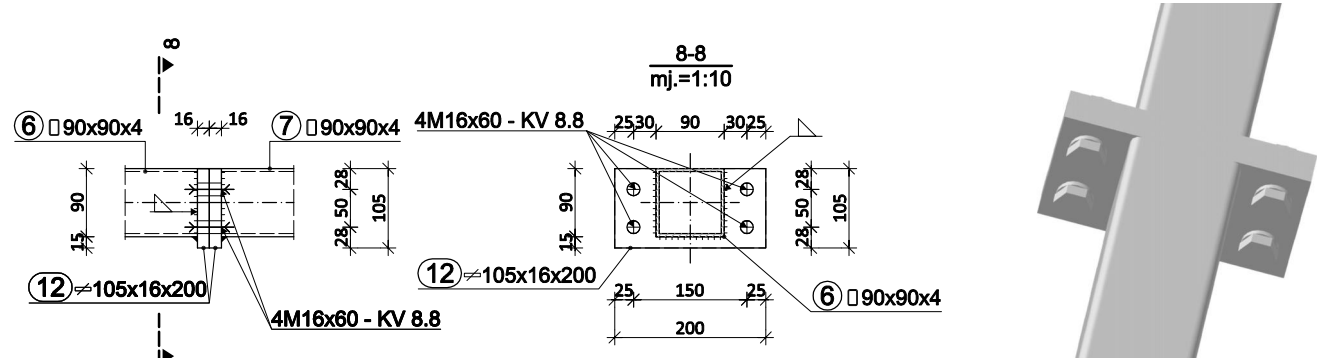
**DETALJ SPOJA PREČKA - STUP I LEŽAJ SEKUNARCA NA PREČKI, mj: 1:10**



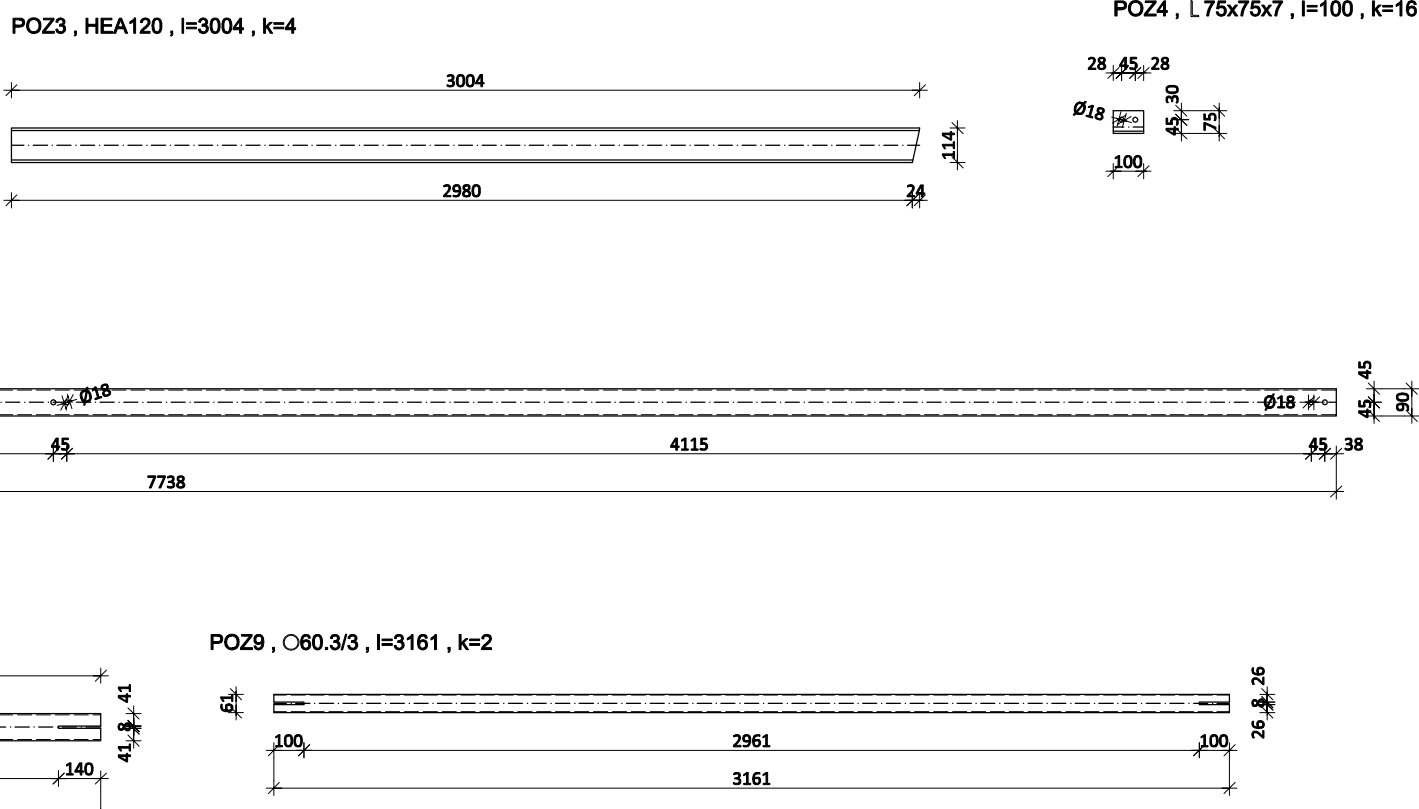
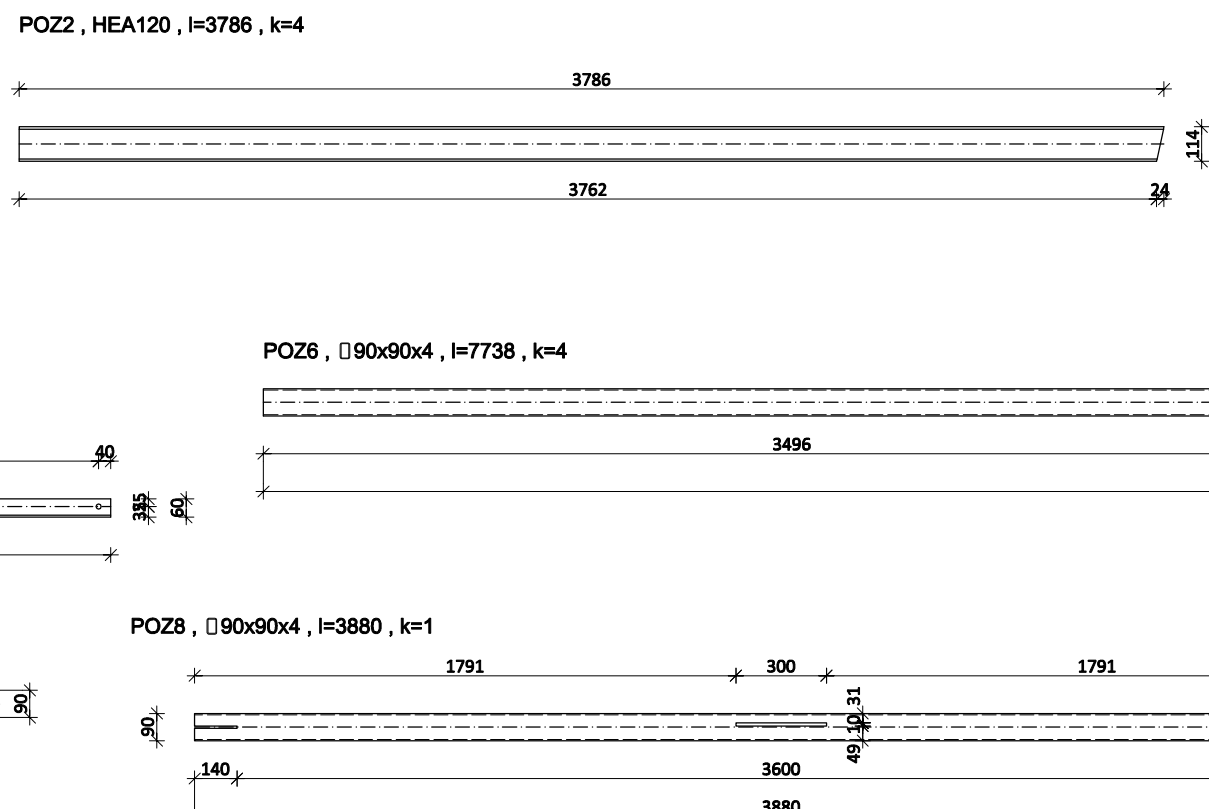
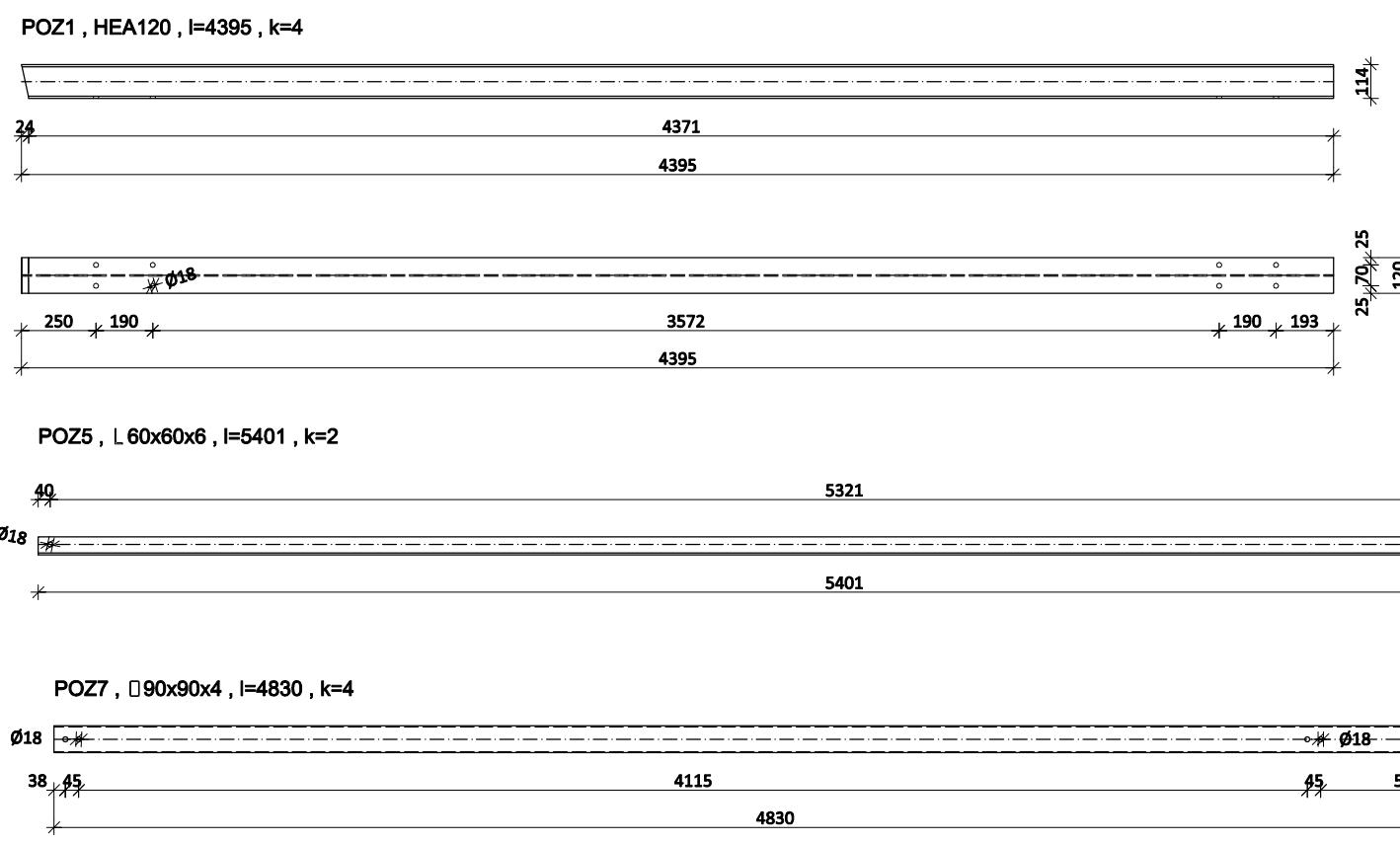
**POJA PREČKI U SLJEMENU I DETALJ VJEŠALJKE ZA ZATEGU, mj: 1:10**



### DETALJ MONTAŽNOG NASTAVKA SEKUNDARCA, mj: 1:10



**RADIONIČKI NACRT ŠTAPOVA , mj: 1:25**



## №tapovi i plo e - specifikacija

POS	Tip	Materijal	n [kom]	¥irina [mm]	Debljina [mm]	Du0ina [mm]	Jed.te0ina [kg/m]	Te0ina po kom. [kg]	Ukupna te0ina [kg]
Nadstreznica (1 kom)									
1	HEA120	S235JR	4			4394.68	19.89	87.41	349.62
2	HEA120	S235JR	4			3785.86	19.89	75.30	301.19
3	HEA120	S235JR	4			3003.60	19.89	59.74	238.95
4	┐75x75x7	S235JR	16			100.00	7.94	0.79	12.71
5	┐60x60x6	S235JR	2			5400.66	5.42	29.29	58.58
6	□90x90x4	S235JR	4			7738.00	10.68	82.63	330.52
7	□90x90x4	S235JR	4			4830.00	10.68	51.58	206.31
8	□90x90x4	S235JR	1			3880.00	10.68	41.43	41.43
9	◎60.3/3	S235JR	2			3160.67	4.24	13.40	26.80
10	≡240x20x314	S235JR	8	240.00	20.00	314.00	160.00	12.06	96.46
11	≡120x16x260	S235JR	8	120.00	16.00	260.00	128.00	3.99	31.95
12	≡105x16x200	S235JR	8	105.00	16.00	200.00	128.00	2.69	21.50
13	≡231x10x299	S235JR	1	231.25	10.00	299.45	80.00	5.54	5.54
14	≡150x10x172	S235JR	2	150.28	10.00	171.73	80.00	2.06	4.13
15	≡118x10x208	S235JR	2	117.50	10.00	207.84	80.00	1.95	3.91
16	≡100x10x100	S235JR	16	100.00	10.00	100.00	80.00	0.80	12.80
17	≡240x8x314	S235JR	8	240.00	8.00	314.00	64.00	4.82	38.58
18	≡110x8x240	S235JR	2	110.00	8.00	240.00	64.00	1.69	3.38
19	≡80x8x200	S235JR	4	80.00	8.00	200.00	64.00	1.02	4.10
20	≡88x8x181	S235JR	4	87.82	8.00	180.81	64.00	1.02	4.06
21	≡70x8x87	S235JR	8	70.00	8.00	86.61	64.00	0.39	3.10
22	≡70x8x72	S235JR	8	70.00	8.00	71.73	64.00	0.32	2.57
23	≡60x8x60	S235JR	32	60.00	8.00	60.00	64.00	0.23	7.37
Ukupno									1805.56



## Profili - rekapitulacija

Tip profila	Materijal	Jed.težina [kg/m]	Ukupna dužina [m]	Ukupna težina [kg]
HEA120	S235JR	19.89	44.74	889.76
└ 75x75x7	S235JR	7.94	1.60	12.71
└ 60x60x6	S235JR	5.42	10.80	58.58
□ 90x90x4	S235JR	10.68	54.15	578.26
◎ 60.3/3	S235JR	4.24	6.32	26.80
Ukupno				1566.10

## Ploče - rekapitulacija

Debljina [mm]	Materijal	Jed.težina [kg/m <sup>2</sup> ]	Ukupna težina [kg]
8	S235JR	64.00	63.17
10	S235JR	80.00	26.38
16	S235JR	128.00	53.45
20	S235JR	160.00	96.46
Ukupno			239.46

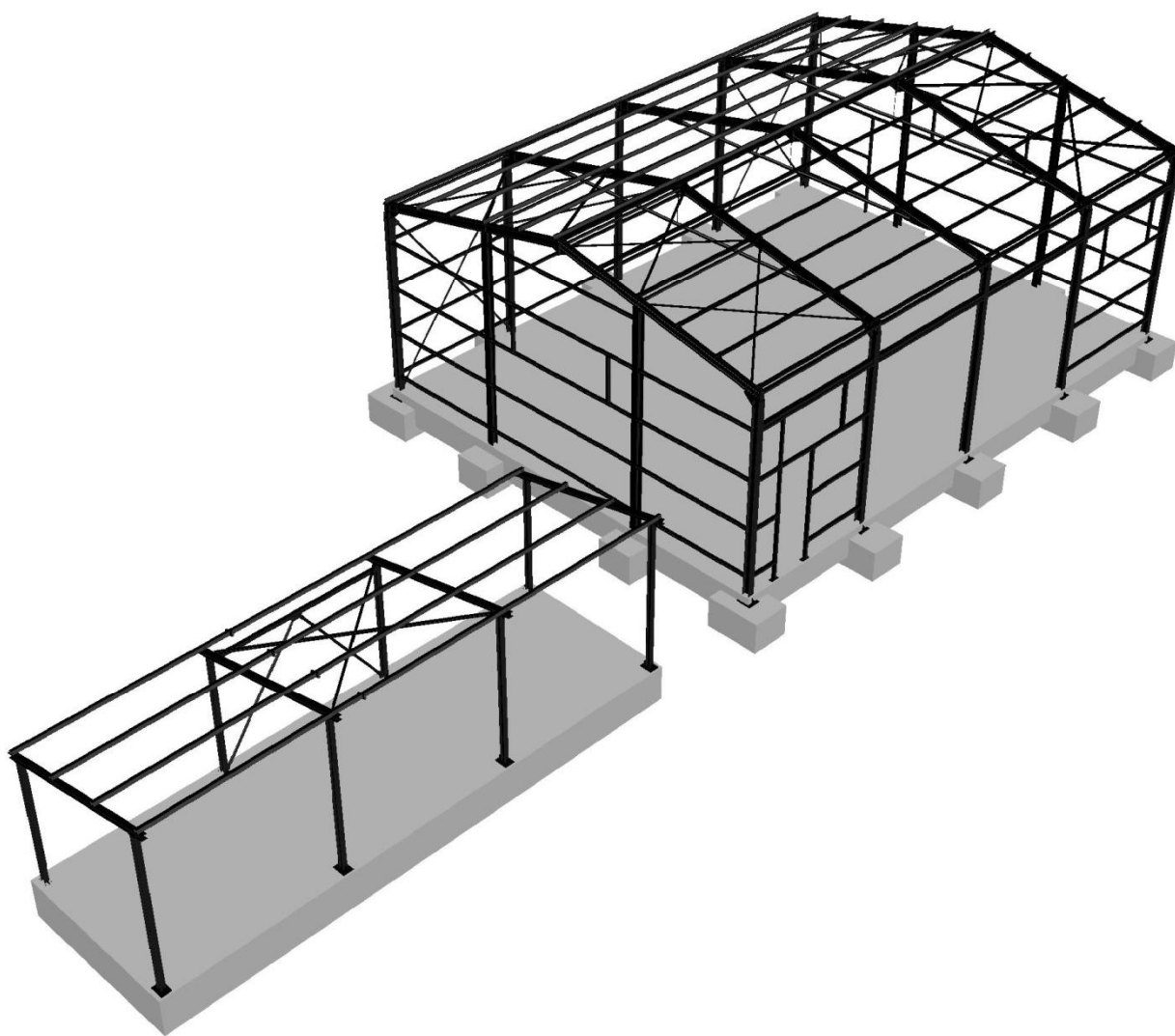
## Zbirna rekapitulacija

Sklop	Ukupna težina [kg]
Nadstreznica (1 kom)	1805.56
Ukupno	1805.56
Ukupno (+ za spojna sredstva 3%)	1859.73

## Rekapitulacija vijaka

Tip vijka	Materijal	Broj komada	Dužina [mm]
M20	5.6	32	650.0
M16	8.8	4	40.0
M16	8.8	6	45.0
M16	8.8	32	50.0
M16	8.8	16	60.0
M16	8.8	32	125.0

### 3. REKAPITULACIJA MATERIJALA



<b>REKAPITULACIJA</b> BETONSKI ČELIK - B500B			
NASLOV	LIST	KOLIČINA (kg)	
		MREŽE	ŠIPKE
TEMELJNA KONSTRUKCIJA ZGRADE ZA BALIRANJE	1	3.136,89	1.384,65
TEMELJNA KONSTRUKCIJA NADSTREŠNICE	2	587,52	777,17
UKUPNO (kg):		3.724,41	2.161,82
SVEUKUPNO (kg) :		5.886	

<b>REKAPITULACIJA</b> ČELIK - S235JR		
NASLOV	LIST	KOLIČINA (kg)
KONSTRUKCIJA ZGRADE ZA BALIRANJE	3-13	11.153,95
KONSTRUKCIJA NADSTREŠNICE	13-16	1.859,73
SVEUKUPNO (kg) :		13.014