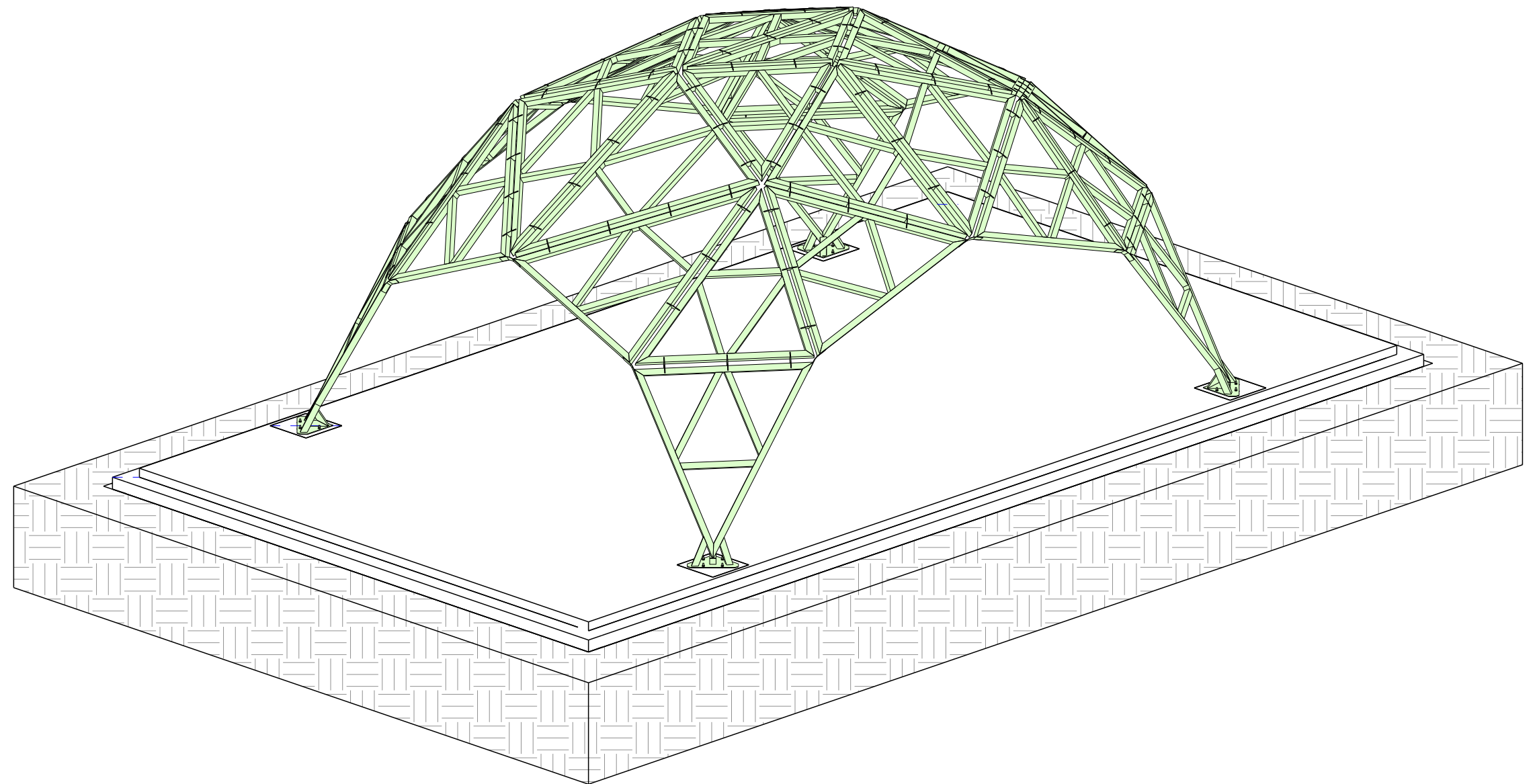


Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului,
alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul
proiectului de modernizare a Centrului Municipiului Ungheni
sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317

44/25 - C

PROIECT DE EXECUTIE



Administrator de proiect
Burminschii V.

Beneficiar
Primaria mun. Ungheni

Chisinau 2025

Borderoul desenelor tehnice de executie		
Coala	Denumire	Note
1	Date generale	
2	Date generale	
3	Plan sapatura	
4	Plan fundatii monolite si soclu monolit	
5	Bloc de ancore AN1	
6	Bloc de ancore AN2	
7	Plan cofraj si armare padosea pe sol cota +0.000	
8	Plan amplasare cadre metalice CM	
9	Plan amplasare elemente de imbinare M	
10	Sectiunea 1 - 1	
11	Sectiunea 2 - 2	
12	Sectiunea 3 - 3	
13	Sectiunea 4 - 4	
14	Plan amplasare panouri de sticla ST	
15	Borderou consum total de materiale	
16	Cadru metalic CM1	
18	Cadru metalic CM3	
19	Cadru metalic CM4	
20	Cadru metalic CM5	
21	Cadru metalic CM6	
22	Cadru metalic CM7	
23	Cadru metalic CM9	
24	Cadru metalic CM10	
25	Cadru metalic CM11	
26	Cadru metalic CM12	
27	Cadru metalic CM13	
28	Cadru metalic CM14	
29	Cadru metalic CM14 Elemente	
30	Cadru metalic CM15	
31	Cadru metalic CM16	
32	Cadru metalic CM17	
33	Cadru metalic CM18	
34	Cadru metalic CM18 Elemente	
35	Specificatie placi	
36	Specificatie placi	

Proiectul este elaborat cu respectarea documentelor in vigoare si asigura nivelul de calitate corespunzator cerintelor fundamentale aplicabile constructiilor:

Cerinta 1. Integritatea structurala a constructiilor

Cerinta 2. Protectia constructiilor impotriva incendiilor

Cerinta 3. Protectia lucratorilor si a utilizatorilor constructiilor impotriva efectelor negative asupra conditiilor de igiena si a sanatatii

Cerinta 4. Protectia lucratorilor si a utilizatorilor constructiilor impotriva vatamarilor corporale

Cerinta 5. Rezistenta la propagarea sunetului si proprietatile acustice ale constructiilor

Cerinta 6. Eficienta energetica si performanta termica a constructiilor

Cerinta 7. Prevenirea emisiilor periculoase in mediul ambiant

Cerinta 8. Utilizarea durabila a resurselor naturale din care sunt realizate constructiile

Inginer sef al proiectului :

Samosin S.

Arhitect sef al proiectului :

Burminschii V.

DATE GENERALE

1. Date initiale pentru elaborarea compartimentului "C - Elemente de constructie"
- Certificat de Urbanism;

- Calculul spatial al structurii la actiuni statice si dinamice;
2. Proiectul este elaborat in conformitate cu cerintele normative:
- NCM F.02.02 - 2006., Calculul, proiectarea si alcatuirea elementelor de constructii din beton armat si beton precomprimat

- SM EN 1992-1, Eurocod. Proiectarea structurilor din beton

- SM EN 1991-1, Eurocod. Actiuni generale

- CP H.04.04-2018, Cod practic de proiectare in constructie

- NCM F.02.03-2005, Executarea, controlul calitatii si receptia lucrarilor din beton si beton armat monolit

- NCM E.01.02-2019, Actiuni in constructii. Regulament privind stabilirea categoriilor de importanta
3. Sarcinile normative ce actioneaza asupra constructiei :
- greutatea zapezii - 1.0 kPa

- presiunea vintului - 0.8 kPa
- 4.Seismicitatea de calcul a terenului de constructie - 7 grade
5. Seismicitatea de calcul a constructiei - 7 grade
6. Cota conventionala 0.000 este adoptata cota superioara a pardoselei nivelului parter al constructiei, ce corespunde cu +55.00.
7. Gradul de rezistenta la foc a cladirii - II -A. Lucrarile de trecere a anumitor elemente constructive pina la al II-lea grad de rezistenta se va prevedea in proiect aparte, a organizatiei specializate si se elaboreaza dupa montarea carcasei.
8. Gradul de responsabilitate-II-lea. Perioada de exploatare a carcasei - 60 ani. In functie de gradul proceselor tehnologice in cazul incendiilor si a exploziilor, cladirea face parte din categoria B.
9. Elementele constructive ale constructiei:
- Cadre metalice din metal clasa S235

- Fundatii monolite si soclu din beton clasa C16/20

- Pardosea pe sol din beton elicopterizat clasa C25/30

BENEFICIAR: Primaria mun. Ungheni					Certificat de urbanism: nr. 24 din 04.04.2025					
					A.S.P Certificat		Seria P-2023 Nr.1012 din 21.06.2023			
					I.S.P Certificat		Seria P-2021 Nr.0725 din 27.04.2021			
						44/25 - C				
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317				
Mod.	Nr.part.	Coala	Nr.doc	Semnlat	Data					
I.S.P		Samosin S.				Constructie metalica		Faza	Coala	Coli
Inginer		Moraru D.						PE	1	32
						Date generale		"AKASHI PLUS" S.R.L.		

1. In cazul depistarii la cota de proiect a talpii fundatiei a straturilor de pamint cu capacitate portanta redusa (umpluturi, resturi de constructie, soluri umezite), acestea se inlatura complet pina la straturile portante si in locul lor se realizeaza umplutura compactata din argila sau argila nisipoasa, iar solutia aleasa de coordonat in prealabil cu proiectantul.
2. Talpa fundatiei de realizat din beton clasa C16/20, cu vibrare obligatorie, peste un strat de nivelare din beton clasa C8/10. De prevazut amplasarea ancorelor pentru fixarea coloanelor metalice.
3. Armarea tuturor elementelor din beton de realizat cu bare longitudinale clasa B500B, transversale (etrieri) clasa A240. Imbinarea barelor de realizat prin suprapunere cu o lungime de 60 diametri a barei. Se admite realizarea imbinarii prin sudura cu eclise, lungimea ecliselor de minim 15 diametri.
4. Decofrarea elementelor din beton se admite dupa atingerea a 70% a rezistentei de calcul a amestecului de beton, acest interval de precizat cu Dirigintele de santier in functie de caracteristicile amestecului si a metodelor de ingrijire a elementelor betonate.
5. Dupa decofrarea solului, de efectuat lucrarile de termo-hidroizolare verticala si hidroizolarea orizontala. Dupa finalizare, se permite umplerea timpanelor cu argila sau argila nisipoasa, cu compactare in straturi. Pe perimetrul cladirii de efectuat pereu.
6. Protectia anticoroziva de efectuat conform cerintelor stipulate in СНИП3.04.03-85 "Защита строительных конструкций и сооружений от коррозии".
7. Toate rosturile de sudura se executa conform ГОСТ 5264-85 si ГОСТ 14098-91 cu electrozi detip Э-42А(ГОСТ 9467-75).

1. Trasare axelor constructiei.
2. Saparea gropilor pentru fundatii.
3. Armarea si betonarea fundatiei monolite a constructiei.
4. Armarea si betonarea pardoselii pe sol
5. Montarea structurii metalice

1. Saparea gropii de fundatie.
2. Armarea fundatiilor.
3. Armarea elementelor din beton armat a pardoselei.
4. Hidroizolarea soclului

Indicator	Denumire	Note
SM EN 1990:2011/A1:2011/NA:2018	Anexa nationala. Eurocod: Bazele proiectarii structurilor	
SM EN 1991-1	Anexa nationala. Eurocod: Actiuni generale	
SM EN 1992-1	Anexa nationala. Eurocod: Proiectarea structurilor din beton	
SM SR EN 934 SM SR EN 1008:2011 SM SR EN 12620+A1:2010 SM SR EN 197-1:2014	Aditivi pentru beton, mortar si pasta Apa de preparare pentru beton. Specificatii pentru prelevare etc. Agregate pentru beton Compozitie, specificatii si criteriile de conformitate ale cimenturilor uzuale	
SM ISO 15686 SM ISO 2394 SM ISO 6935	Cladiri si bunuri imobiliare construite. Planificarea duratei de viata Principii generale de fiabilitate a constructiilor Oteluri pentru armarea betonului	
CP H.04.04-2018 SM EN 206:2013 SM EN 324:2017	Betoane si mortare Beton. Specificatii, performanta, productie si conformitate	
NCM F.02.03-2005 NCM F.02.02-2006	Executarea, controlul calitatii si receptia lucrarilor din beton si beton armat monolit Calculul, proiectarea si alcatuirea elementelor de constructii din beton armat	
NCM E.01.02-2019	Actiuni in constructii. Regulament privind stabilirea categoriilor de importanta	

SECTIUNE BETON-ARMAT BETON-ARMAT	METAL SECTIUNE METAL	PAMINT PIETRIS	SECTIUNE CHERESTE STICLA
BETON DE UMLUTURA	PLACA METALICA PROFILATA	ZIDARIE	TERMOIZOLARE

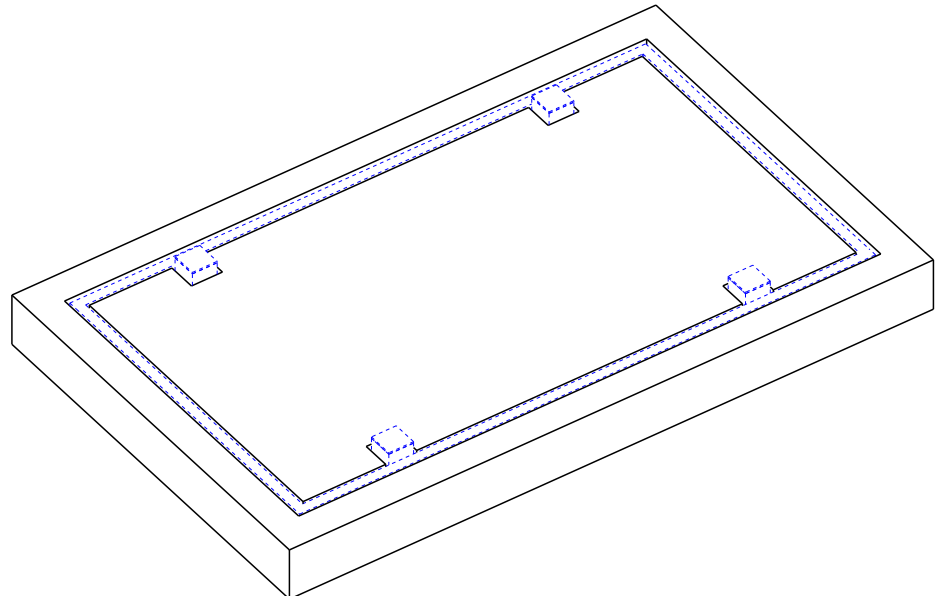
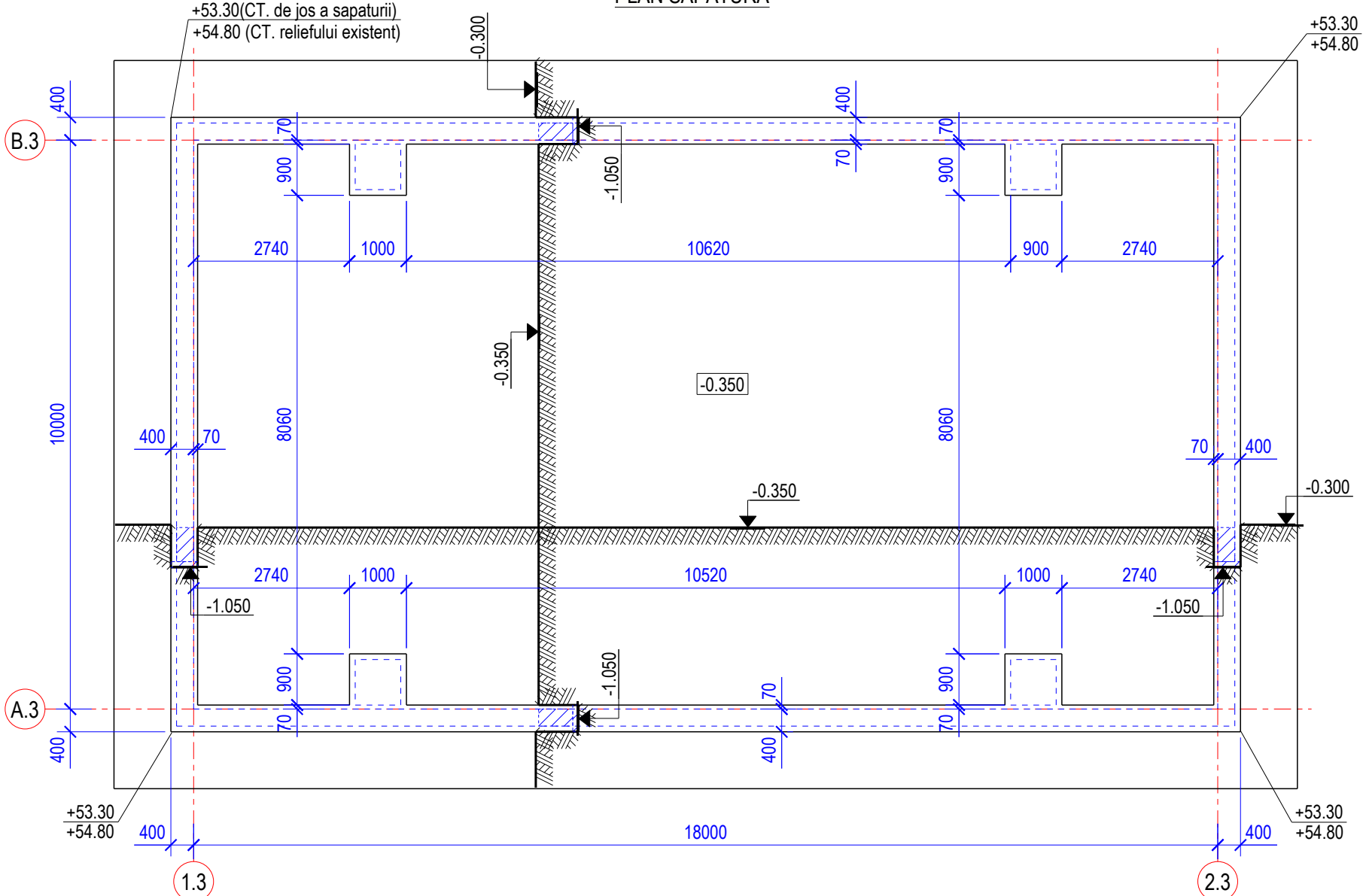
Marca de rezistența la comprimare conform GOST 26633, (kgf/cm ²)	Clasa de rezistența la comprimare conform GOST 26633, (MPa)	Clasa de rezistența la comprimare conform SM EN 206,
M50	B3,5	—
M75	B5	—
M100	B7,5	—
M150	B10	C8/10
M150	B12,5	—
M200	B15	C12/15
M250	B20	C16/20
M300	B22,5	—
M350	B25	C20/25
M350	B27,5	—
M400	B30	C30/37
M450	B35	—

Bare de armatura reprezentate la metru linar
4Ø10 - Bara cu diametrul 10, cu pozitia 4 in specificatie
4Ø10/200 - Bara cu diametrul 10,cu pas constant de 200 mm, cu pozitia 4 in specificatie
4Ø10/100/200 - Bara cu diametrul 10,cu pas variabil de 100 si 200 mm, cu pozitia 4 in specificatie
Detalii de armare pe pozitie
2Ø10 - Bara cu diametrul 10, cu pozitia 2 in specificatie
2Ø10/200 - Bara cu diametrul 10,cu pas constant de 200 mm, cu pozitia 2 in specificatie
2Ø10/100/200 - Bara cu diametrul 10,cu pas variabil de 100 si 200 mm, cu pozitia 2 in specificatie

						44/25 - C			
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii edilitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317			
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data		Faza	Coala	Coli
I.S.P		Samosin S.				Constructie metalica			
Inginer		Moraru D.					PE	2	32
						Date generale	"AKASHI PLUS" S.R.L.		

0.000 = +55.00

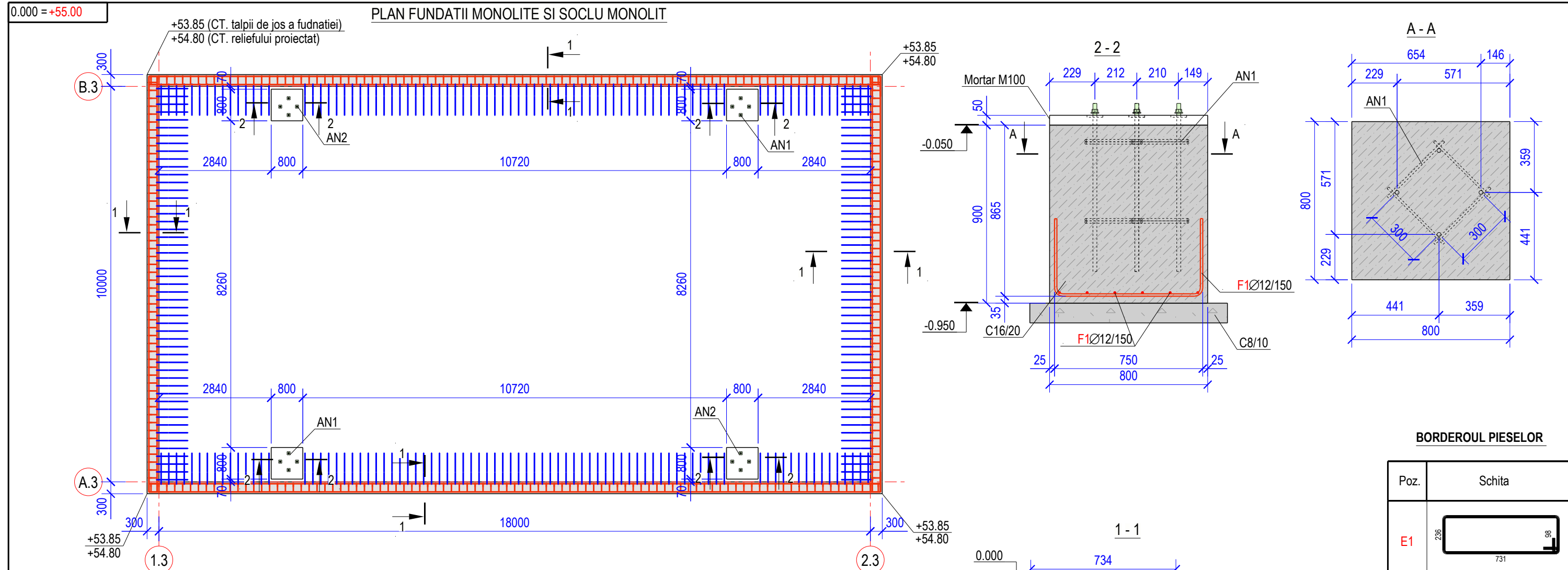
PLAN SAPATURA



SPECIFICATIA VOLUMULUI DE PAMINT EXCAVAT

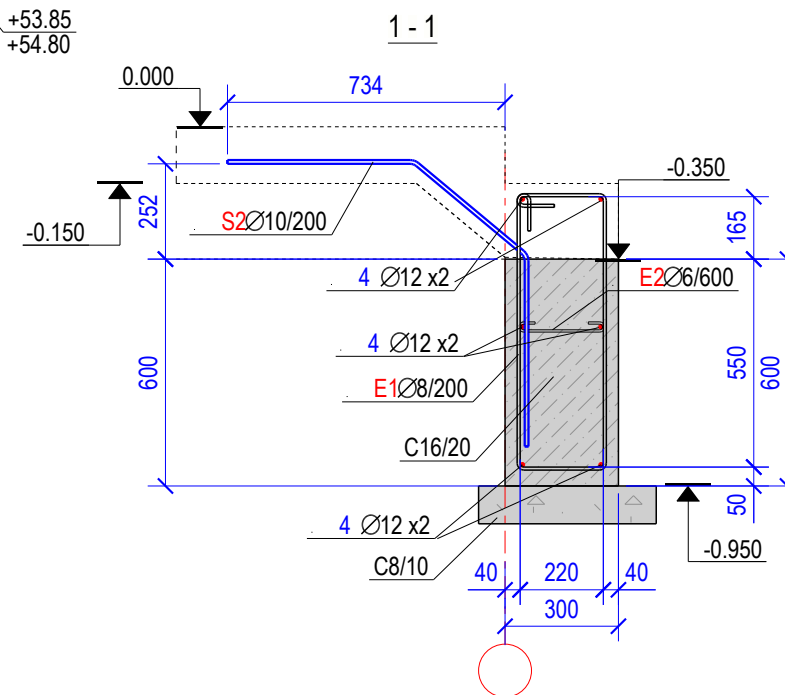
Marca	Cant. m ³	Note
Volum de pamint excavat	31.53	

						44/25 - C			
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii edilitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317			
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data		Faza	Coala	Coli
I.S.P		Samosin S.				Constructie metalica			
Inginer		Moraru D.					PE	3	32
						Plan sapatura	"AKASHI PLUS" S.R.L.		



SPECIFICATIE LA SCHEMA DE ARMARE A ELEM. MONOLIT

Poz.	Indicatii	Denumirea	Cant.	Masa un, kg	Note
Detalii					
E1	SM SR EN 10080:2014	Ø 8 A240, S185JO L= 2100 mm	288	0.83	239.04
E2	SM SR EN 10080:2014	Ø 6 A240, S185JO L= 320 mm	100	0.07	7.00
F1	SM SR EN 10080:2014	Ø 12 B500B, S355J2 L= 1470 mm	48	1.30	62.88
S1	SM SR EN 10080:2014	Ø 12 B500B, S355J2 L= 1640 mm	16	1.46	23.36
S2	SM SR EN 10080:2014	Ø 10 B500B, S355J2 L= 1380 mm	270	0.85	229.50
Bare de armatura					
4	SM SR EN 10080:2014	Ø 12 B500B, S355J2 L= 347.52 m		0.888	308.60
Piese inglobate					
AN	Ancore		4	13.66	54.63
Materiale					
	SM EN 206:2013+A2:2021	Beton C16/20	m ³		12.60
	SM EN 206:2013+A2:2021	C8/10	m ³		0.55
		Mortar M100	m ³		0.13

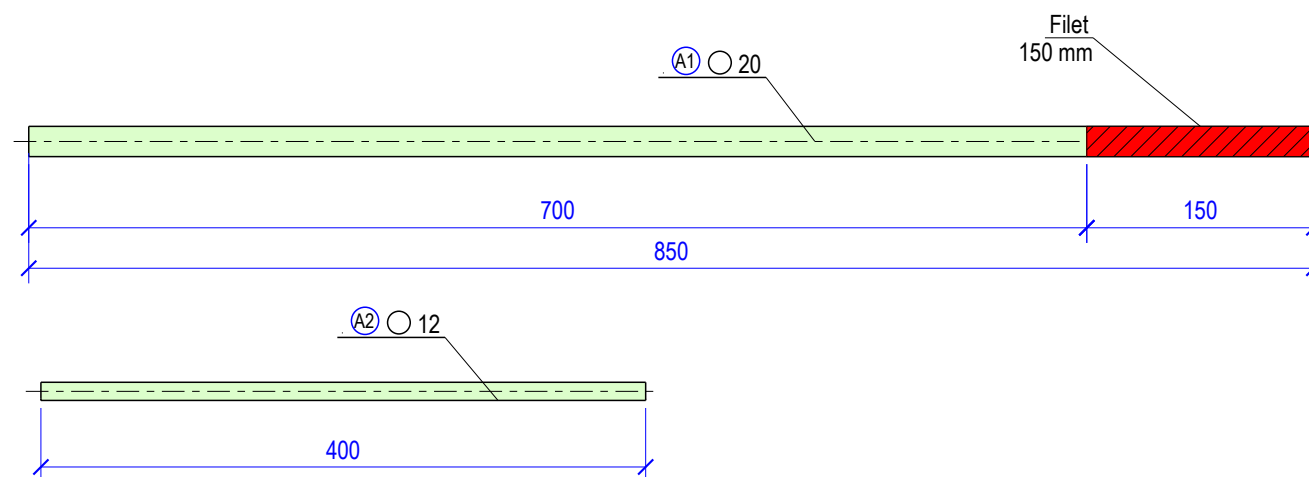
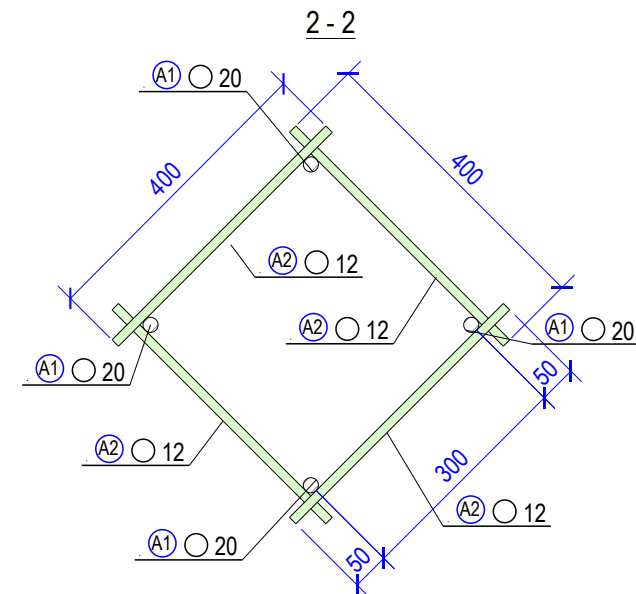
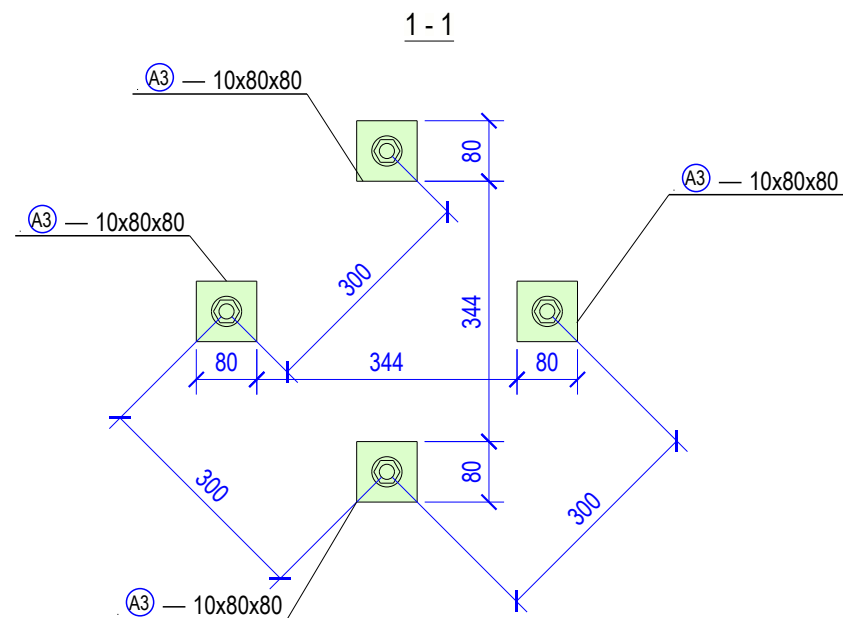
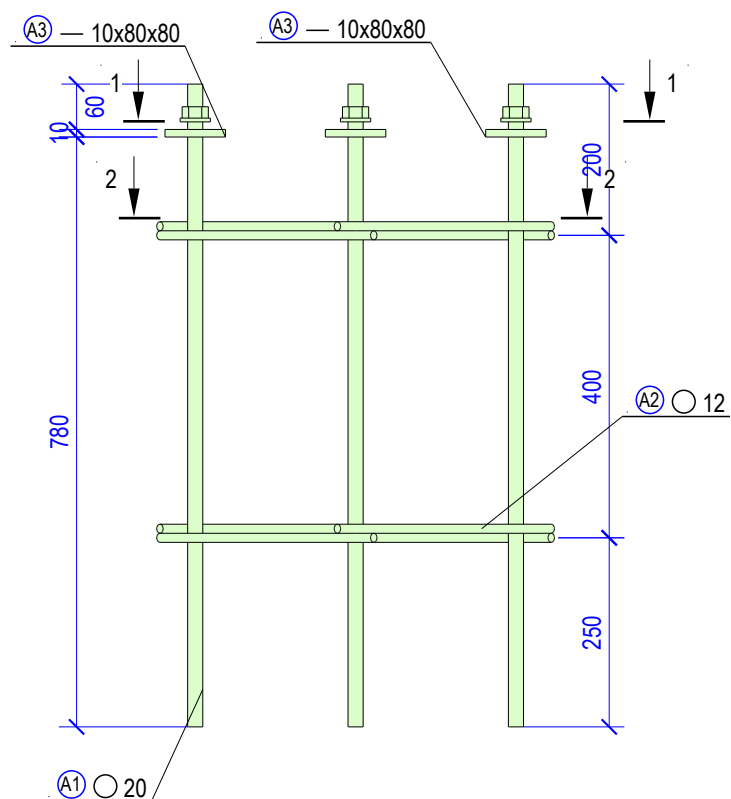


BORDEROUL PIESELOR

Poz.	Schita
E1	
E2	
F1	
S1	
S2	

Note:
1. Dimensiunile sunt date pe muchia exteriora

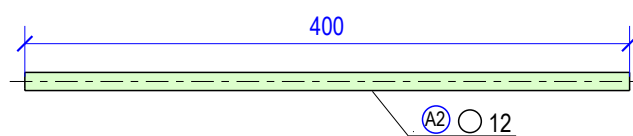
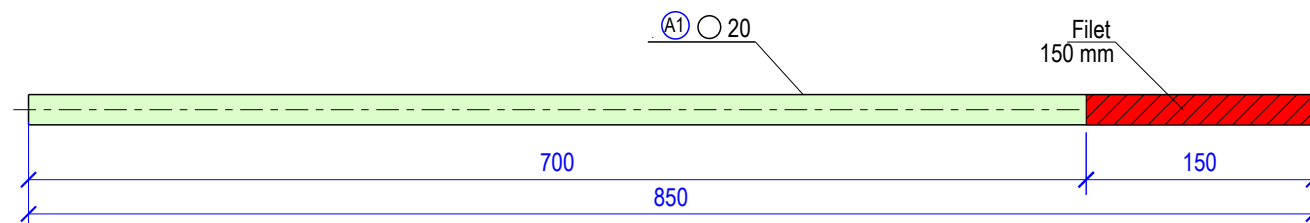
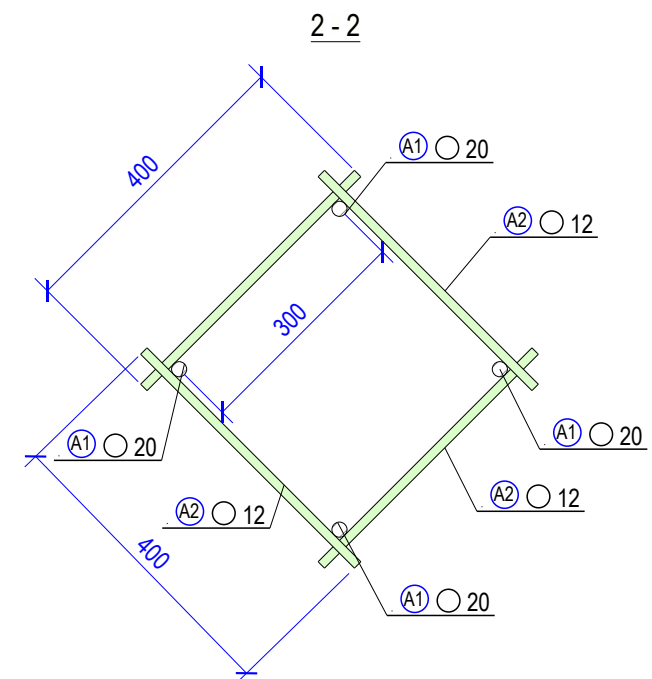
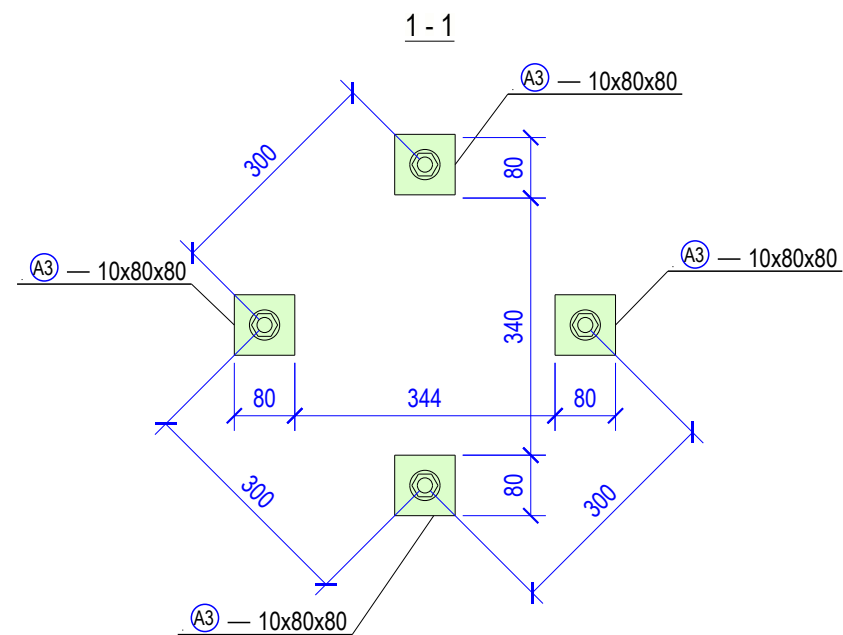
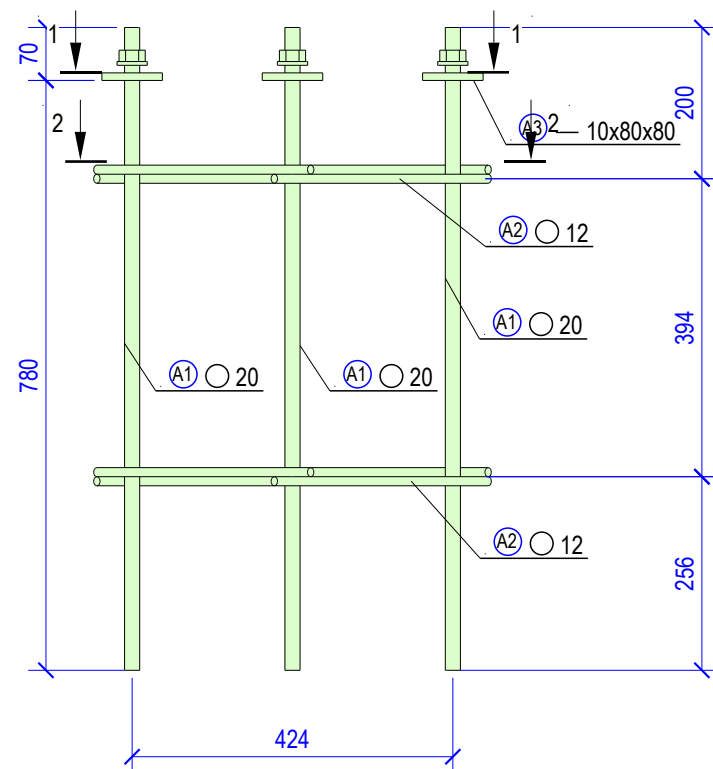
						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semn	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.					PE	4
Inginer		Moraru D.				Plan fundatii monolite si soclu monolit		Coli
						"AKASHI PLUS" S.R.L.		



SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.
AN1		Ancore	2	13.7	27.3
Elemente de tip bara					
A1	O D20	850.0 mm	4	2.1	8.3
A2	O D12	400.0 mm	8	0.3	2.8
Elemente de tip placa (m2)					
A3	— 10 mm	0.03	4	0.50	2.0

						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editatitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semnnt	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.					PE	5
Inginer		Moraru D.				Bloc de ancore AN1	"AKASHI PLUS" S.R.L.	

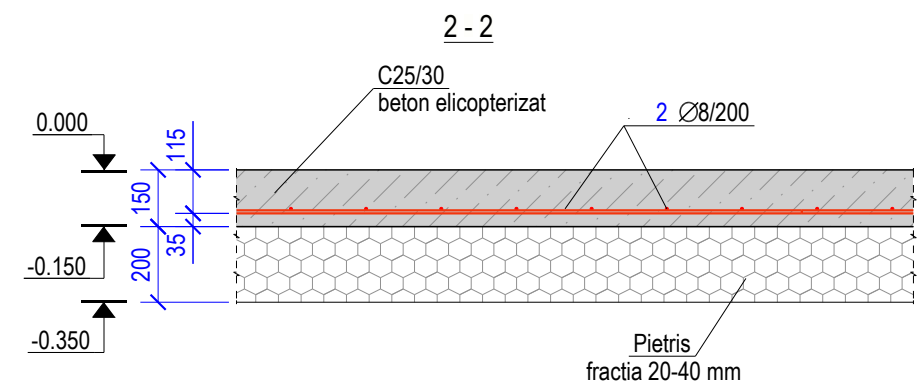
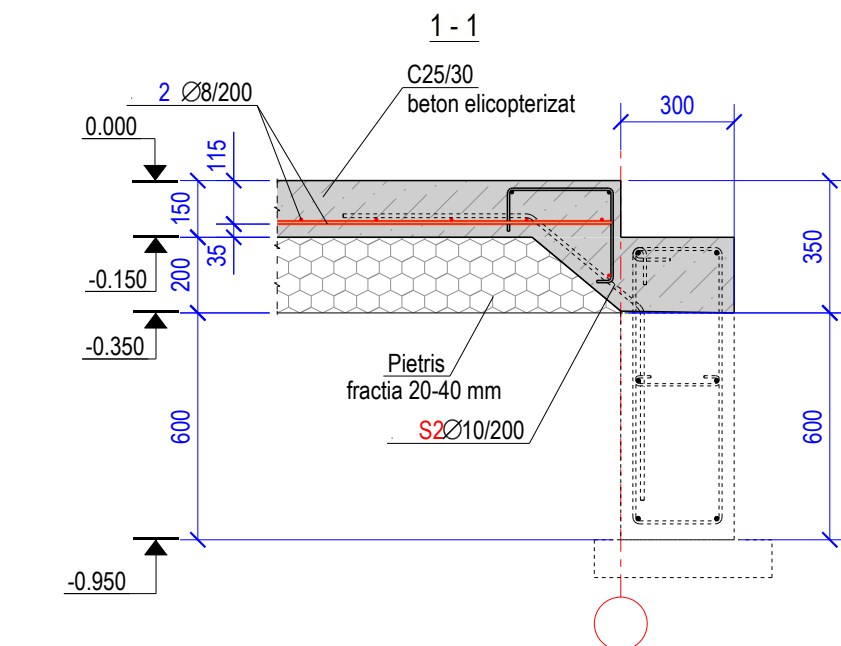


SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.
AN2		Ancore	2	13.7	27.3
Elemente de tip bara					
A1	D20	850.0 mm	4	2.1	8.3
A2	D12	400.0 mm	8	0.3	2.8
Elemente de tip placa (m2)					
A3	10 mm	0.03	4	0.50	2.0

						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editatitate in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semnnt	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.					PE	6
Inginer		Moraru D.				Bloc de ancore AN2	"AKASHI PLUS" S.R.L.	

PLAN COFRAJ SI ARMARE PARDOSEA PE SOL



BORDEROUL PIESELOR

Poz.	Schita
E3	

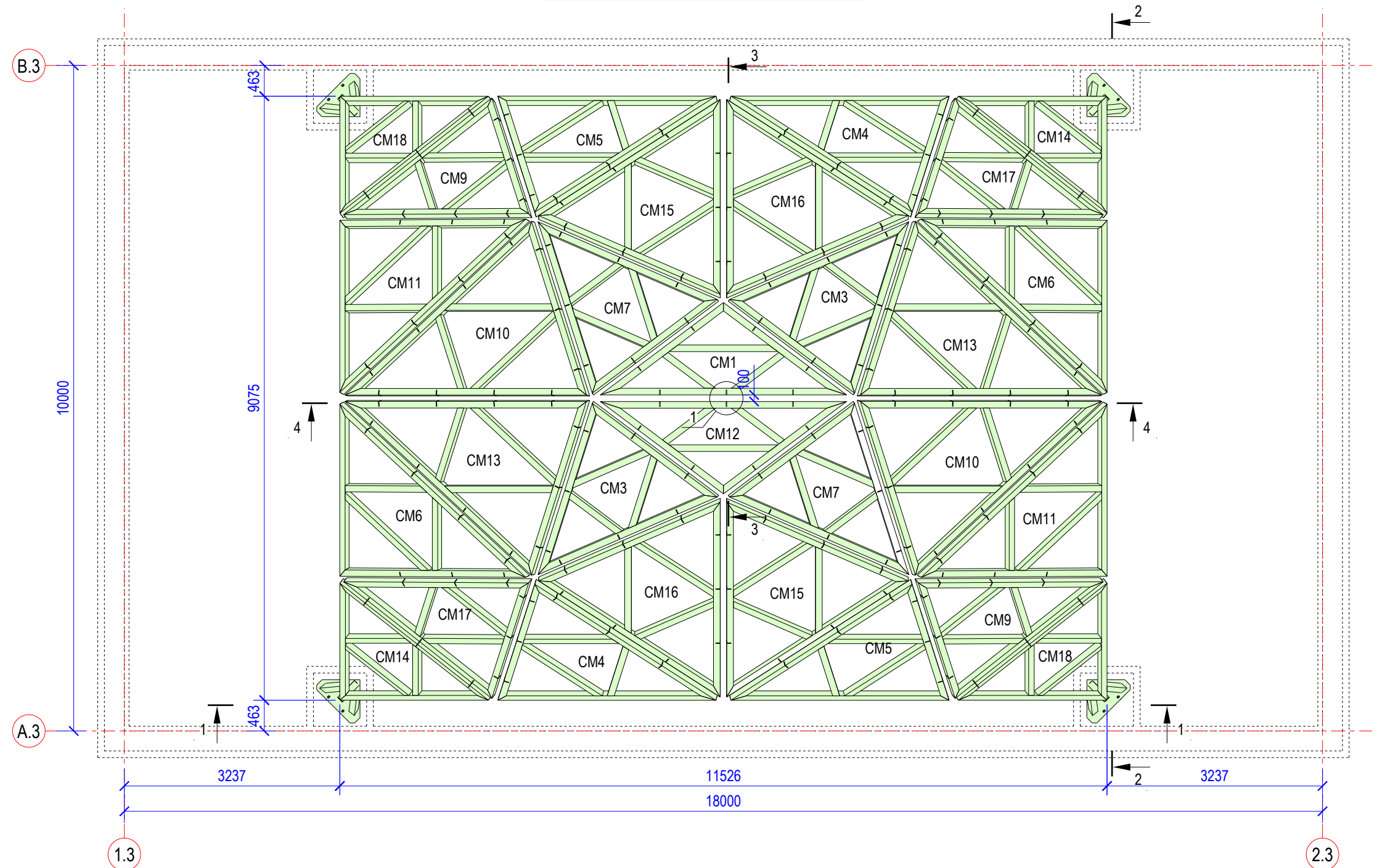
Note:
1.Dimensiunile sunt date pe muchia exterioara

1. Dimensiunile sunt date pe muchia exteriora

						44/25 - C			
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni			
						sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317			
Mod.	Nr.part.	Coala	Nr.doc	Semnata	Data		Faza	Coala	Coli
I.S.P		Samosin S.				Constructie metalica			
Inginer		Moraru D.					PE	7	32
						Plan cofraj si armare padosea pe sol cota +0.000	"AKASHI PLUS" S.R.L.		

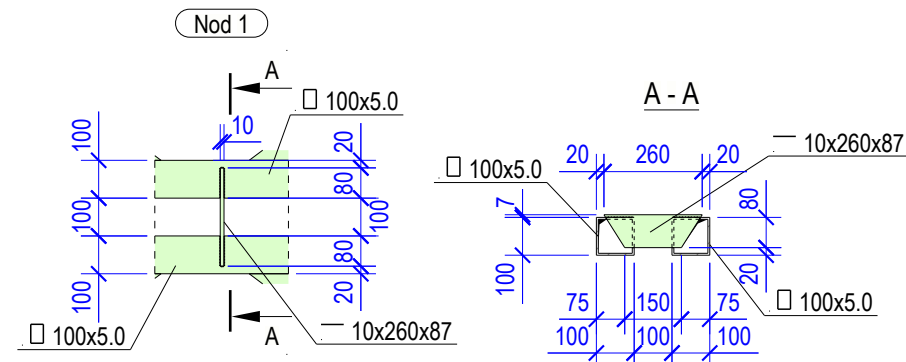
0.000 = +55.00

PLAN AMPLASARE CARCASE METALICE CM



SPECIFICATIA ANSAMBLURILOR METALICE

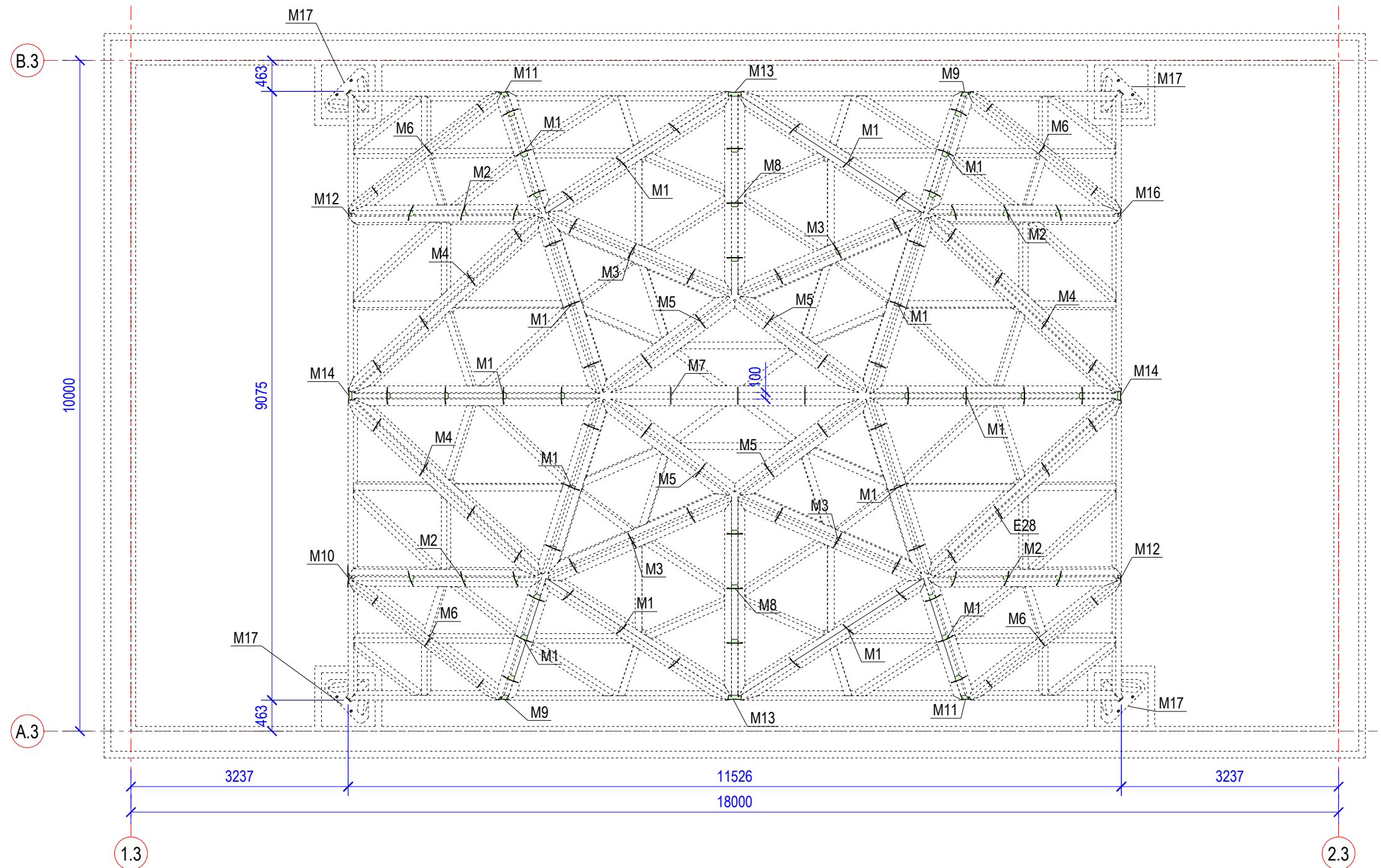
Marca ansam.	Cant.	Denumirea
CM1	1	Cadru metalic
CM3	2	Cadru metalic
CM4	2	Cadru metalic
CM5	2	Cadru metalic
CM6	2	Cadru metalic
CM7	2	Cadru metalic
CM9	2	Cadru metalic
CM10	2	Cadru metalic
CM11	2	Cadru metalic
CM12	1	Cadru metalic
CM13	2	Cadru metalic
CM14	2	Cadru metalic
CM15	2	Cadru metalic
CM16	2	Cadru metalic
CM17	2	Cadru metalic
CM18	2	Cadru metalic
EM1	1	Elemente de imbinare



						44/25 - C					
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii edilitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317					
Mod.	Nr.part.	Coala	Nr.doc	Semnata	Data				Faza	Coala	Coli
I.S.P		Samosin S.				Constructie metalica			PE	8	32
Inginer		Moraru D.									
						Plan amplasare cadre metalice CM			"AKASHI PLUS" S.R.L.		

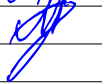
0.000 = +55.00

PLAN AMPLASARE ELEMENTE DE IMBINARE M

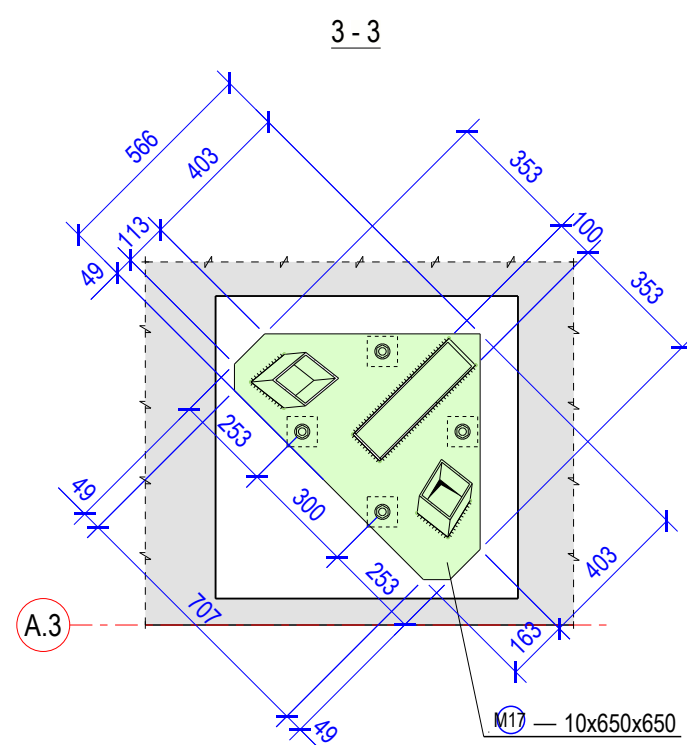
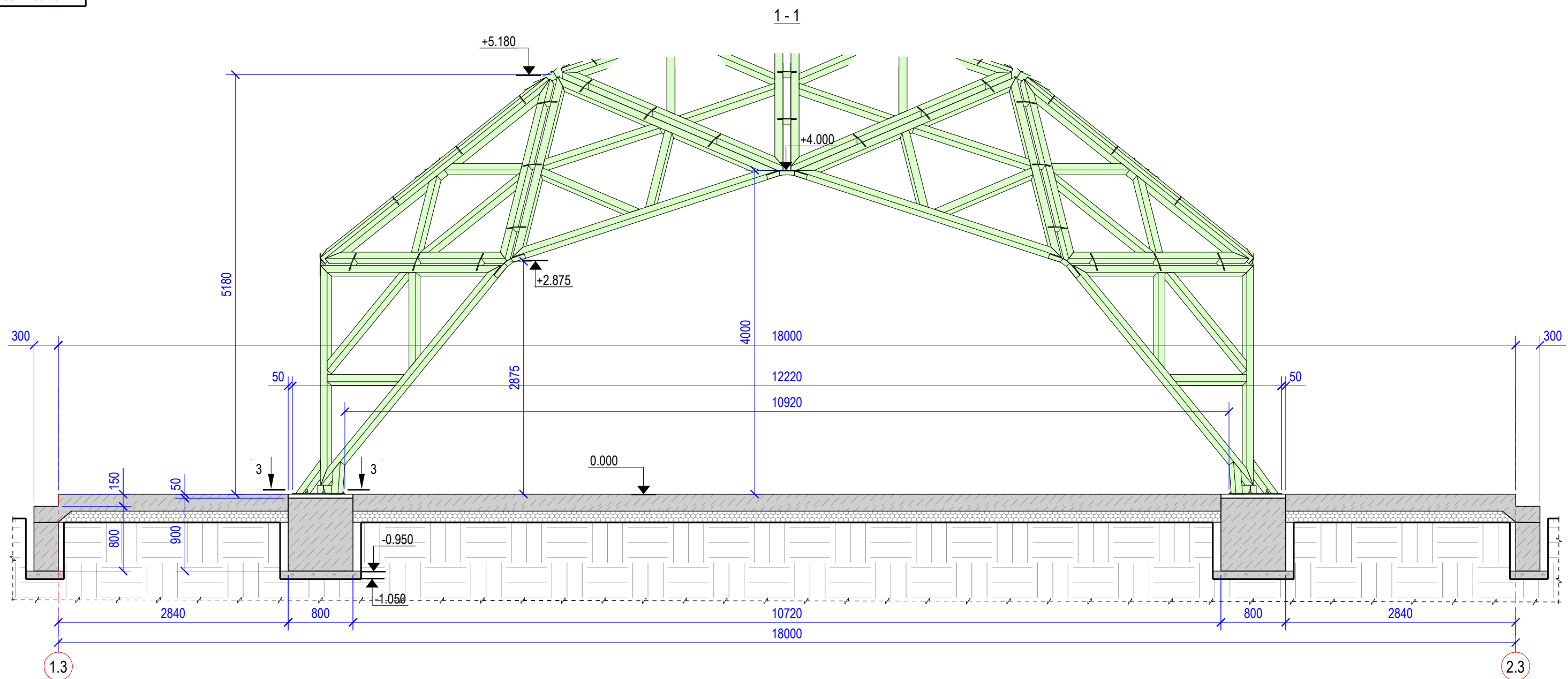


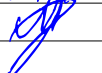
SPECIFICATIE PLACI DE METAL

Nume	Grosimea H mm	Dimensiunea A x B mm	Cant. buc.
M16	6	414x172	1
M12	6	414x172	2
M10	6	417x199	1
M14	6	431x207	2
M9	6	456x170	2
M11	6	456x170	2
M9	6	457x162	2
M11	6	457x162	2
M13	6	504x182	2
M8	10	240x87	6
M2	10	248x85	12
M3	10	253x85	12
M5	10	254x86	8
M1	10	254x86	44
M1	10	255x86	44
M4	10	257x86	16
M6	10	258x87	12
M7	10	260x87	3

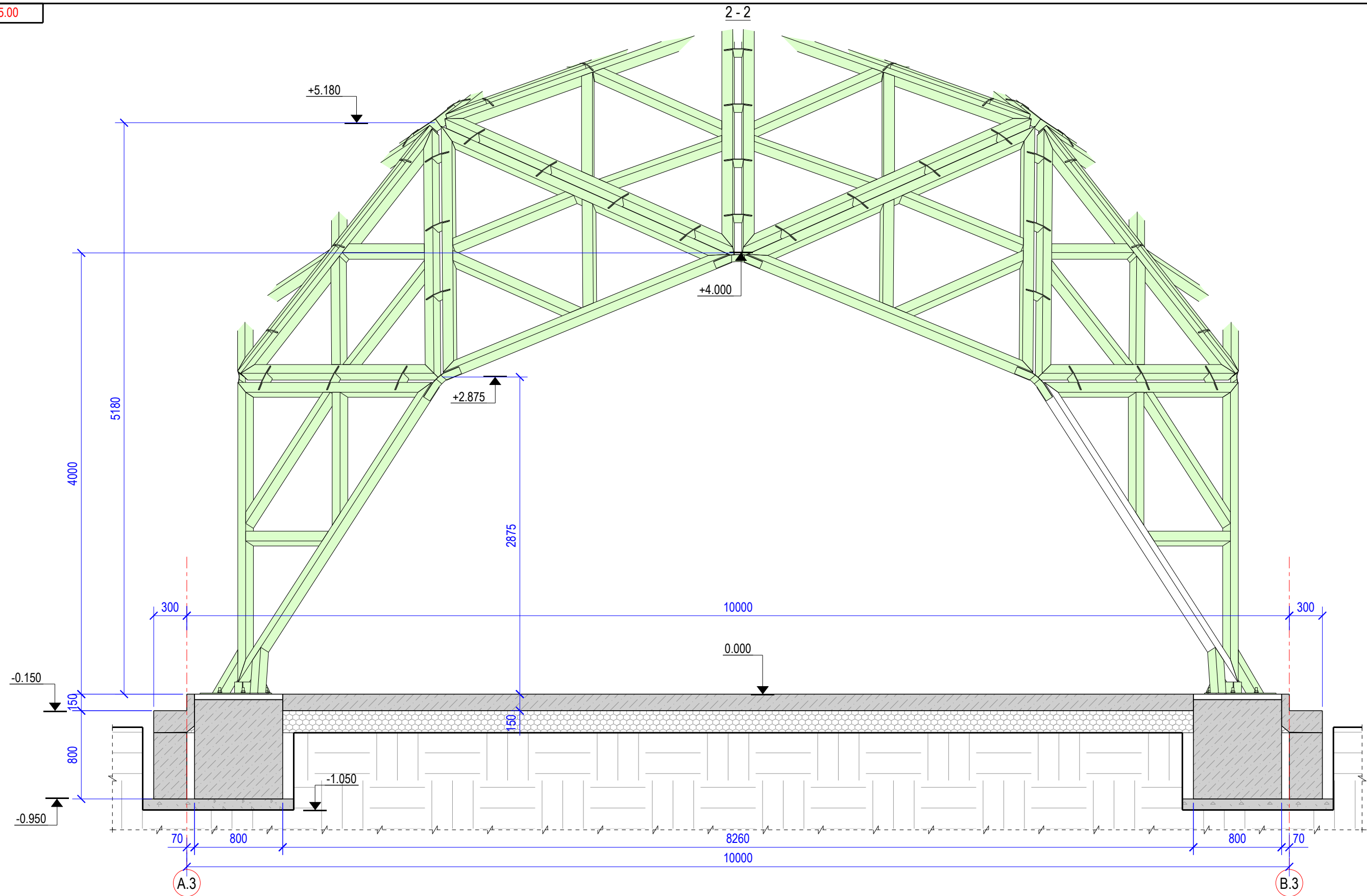
						44/25 - C			
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii edilitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317			
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data		Faza	Coala	Coli
I.S.P		Samosin S.				Constructie metalica			
Inginer		Moraru D.					PE	9	32
						Plan amplasare elemente de imbinare M	"AKASHI PLUS" S.R.L.		

0.000 = +55.00

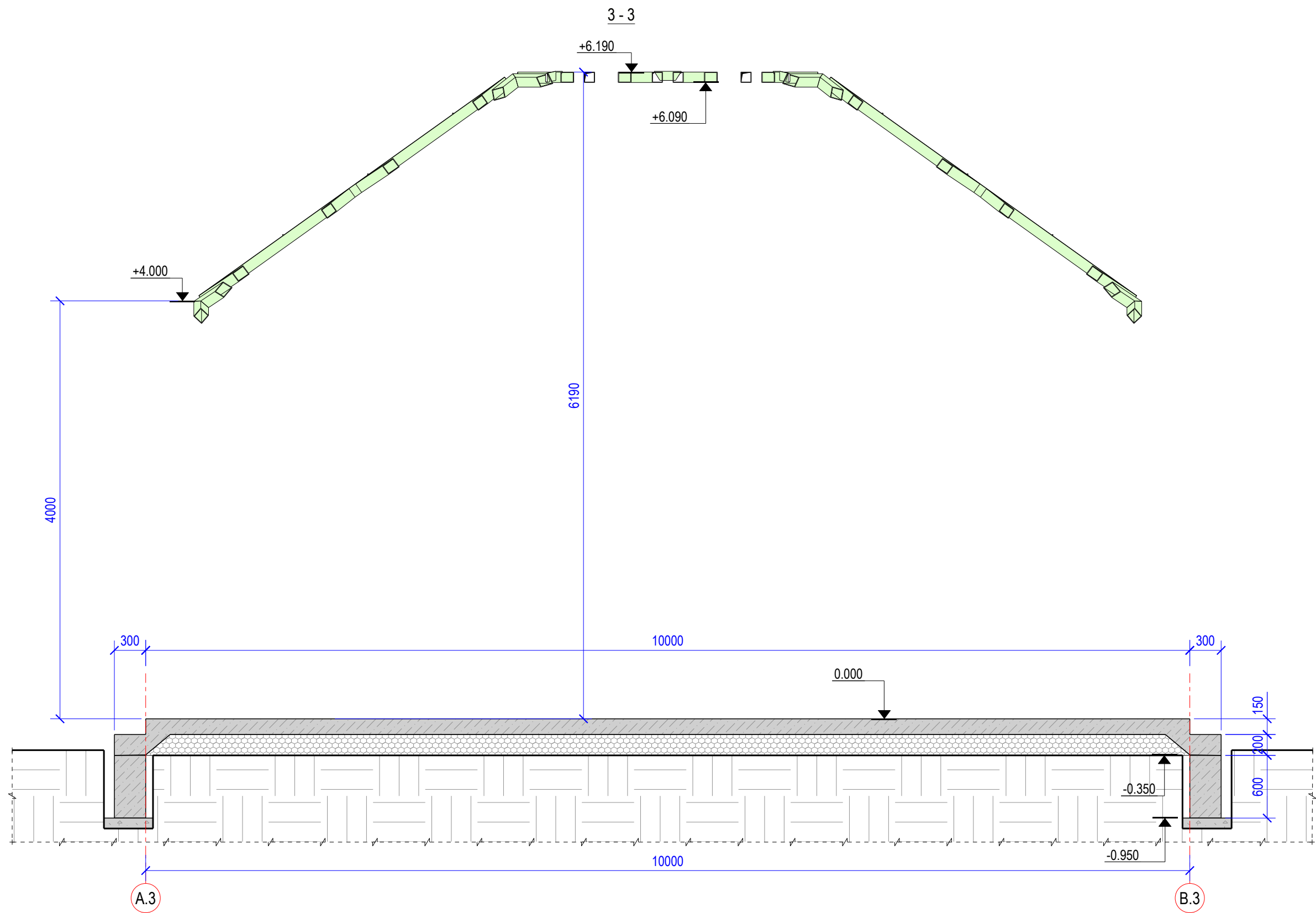


						44/25 - C			
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii edilitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317			
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data		Faza	Coala	Coli
I.S.P		Samosin S.				Constructie metalica			
Inginer		Moraru D.					PE	10	32
						Sectiunea 1 - 1	"AKASHI PLUS" S.R.L.		

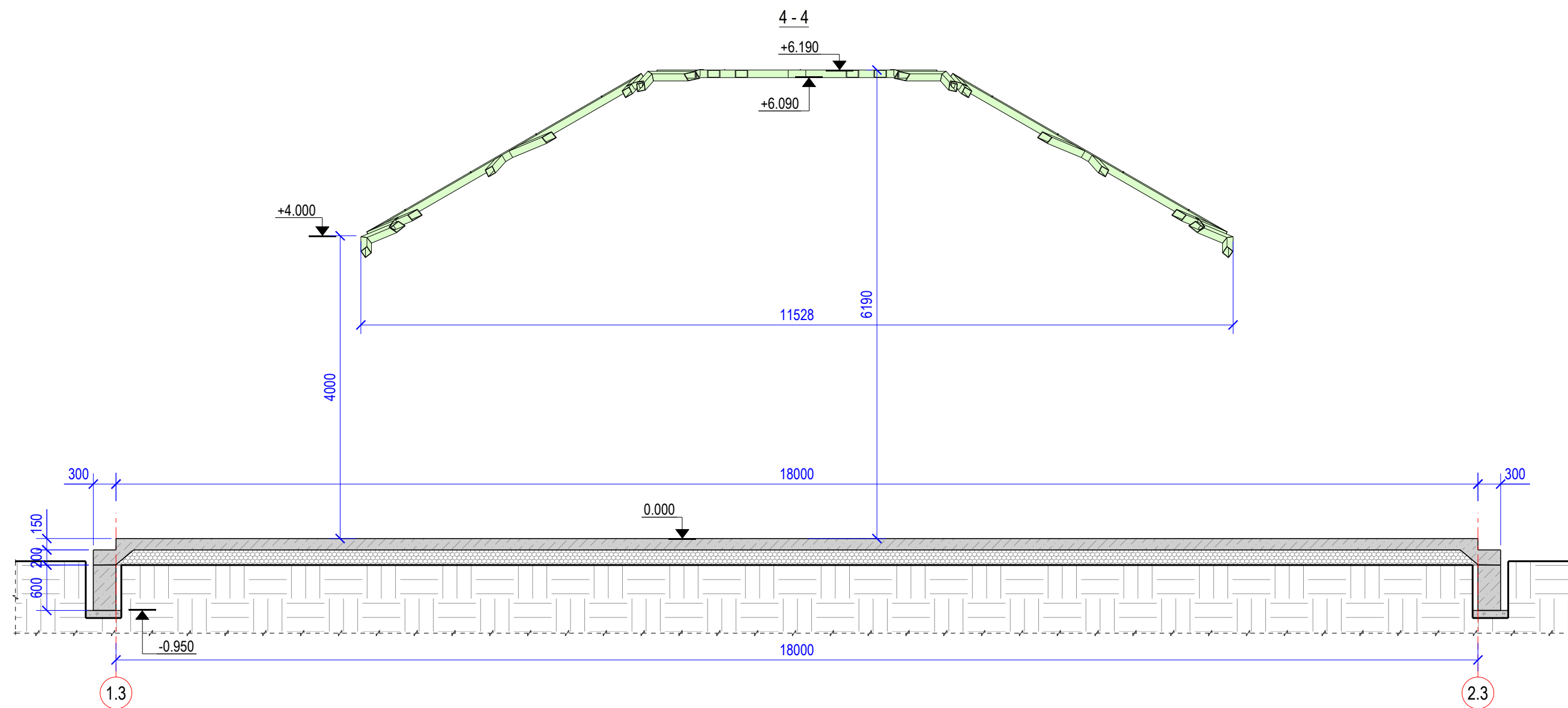
0.000 = +55.00



						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editatitate in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semnnt	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.		<i>Calyk</i>			PE	11
Inginer		Moraru D.		<i>MD</i>		Sectiunea 2 - 2	"AKASHI PLUS" S.R.L.	



						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editilitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semnnt	Data		Faza	Coala
I.S.P		Samosin S.		<i>Calu</i>			PE	12
Inginer		Moraru D.		<i>MD</i>				32
						Constructie metalica		
						Sectiunea 3 - 3	"AKASHI PLUS" S.R.L.	



						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editilitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semnnt	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.		<i>Calup</i>			PE	13
Inginer		Moraru D.		<i>MD</i>		Sectiunea 4 - 4	"AKASHI PLUS" S.R.L.	

0.000 = +55.00

PLAN AMPLASARE PANOURI STICLA



1000

A.3

1.3

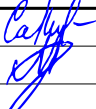
2.3

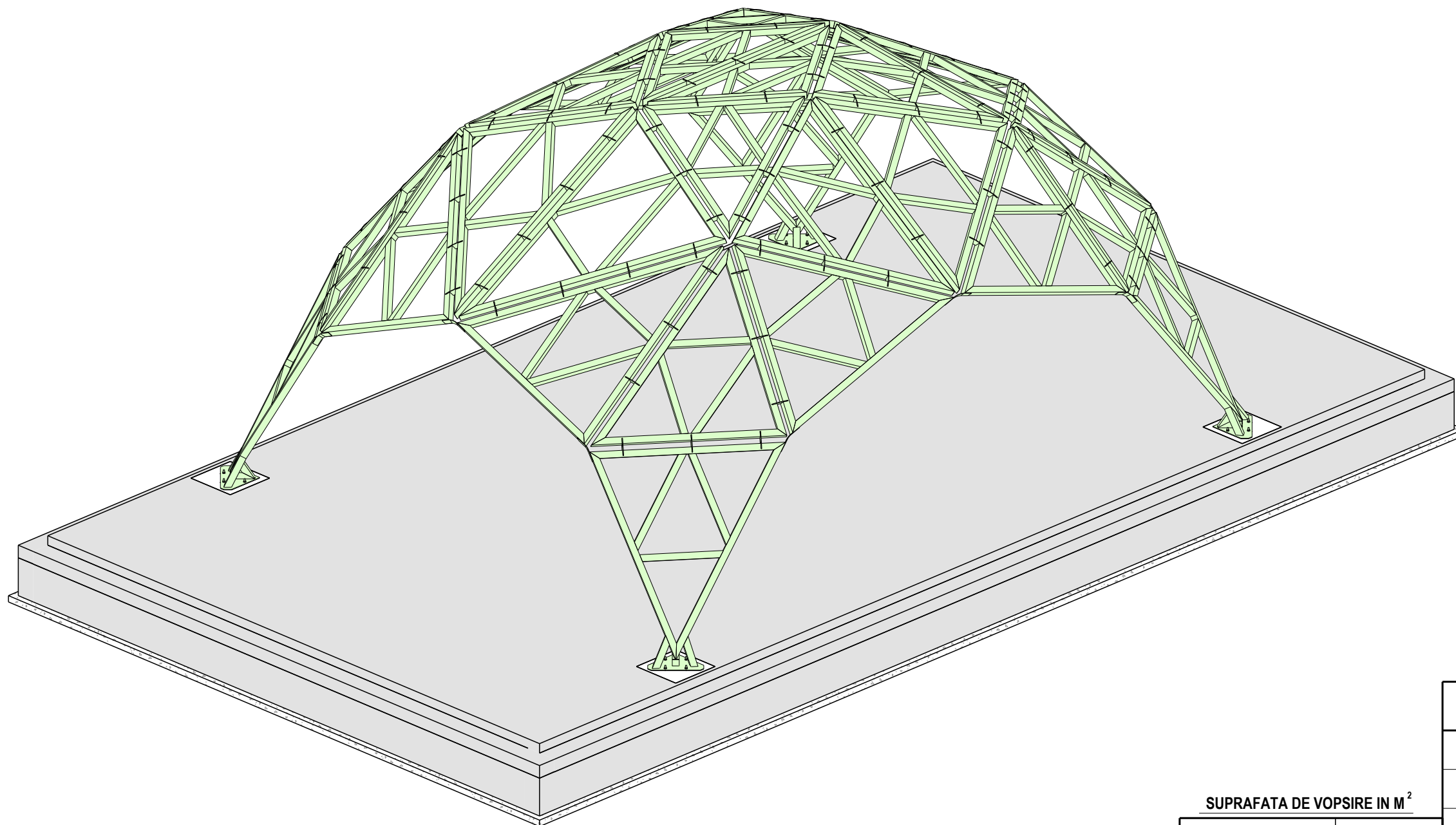
SPECIFICATIA ANSAMBLURILOR METALICE

Marca ansam.	Cant.	Denumirea
ST1	16	Panou sticla
ST2	8	Panou sticla
ST3	8	Panou sticla
ST4	16	Panou sticla
ST5	16	Panou sticla
ST6	16	Panou sticla
ST7	4	Panou sticla
ST8	8	Panou sticla
ST9	4	Panou sticla
ST10	8	Panou sticla
ST11	8	Panou sticla
ST12	8	Panou sticla

SUPRAFATA STICLIRE IN M^2

148.53

						44/25 - C				
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317				
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data					
I.S.P		Samosin S.				Constructie metalica		Faza	Coala	Coli
Inginer		Moraru D.						PE	14	32
						Plan amplasare panouri de sticla ST		"AKASHI PLUS" S.R.L.		



SPECIFICATIA ELEMENTELOR DIN METAL

Tipul	Suprafata m ²	Masa kg
— 6 mm	1.00	49.11
— 10 mm	4.26	347.57
	Total	396.68
Tipul	Lungimea m/m ²	Masa kg
○ D12	12.80	11.63
○ D20	13.60	34.49
□ 100x5.0	423.84	6353.84
	Total	6402.31

SUPRAFATA DE VOPSIRE IN M²

— 6 mm	1.04
— 10 mm	7.19
□ 100x5.0	160.47
○ D12	0.49
○ D20	0.86
Total	170.15

BORDEROUL CONSUMULUI
DE ARMATURA

Ø	Clasa armaturii	Masa armaturii kg	Total kg
	A240		287.9
6		48.6	
8		239.3	
	B500B		1405.1
8		779.7	
10		230.4	
12		395.1	
TOTAL			1693.08

BORDEROUL CONSUMULUI
DE MATERIALE

Nr.	Clasa betonului	Volum m ³
2*	C8/10	3.05
4	C16/20	12.60
14	C25/30	31.28
6	Pietris	34.25
TOTAL		81.3

Mod.	Nr.part.	Coala	Nr.doc	Semn	Data		
I.S.P		Samosin S.					
Inginer		Moraru D.					

44/25 - C

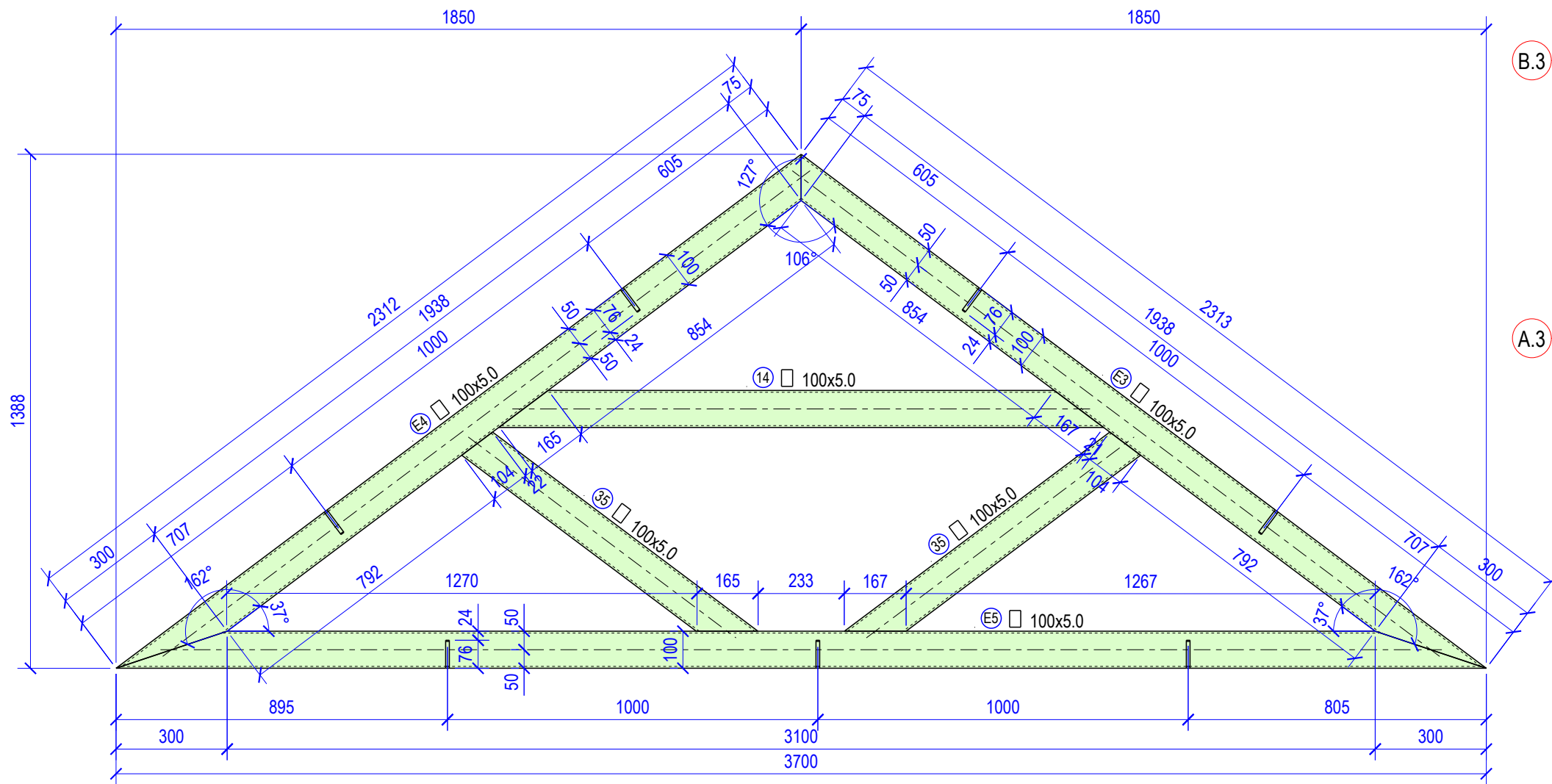
Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului,
alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul
proiectului de modernizare a Centrului Municipiului Ungheni
sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317

Constructie metalica

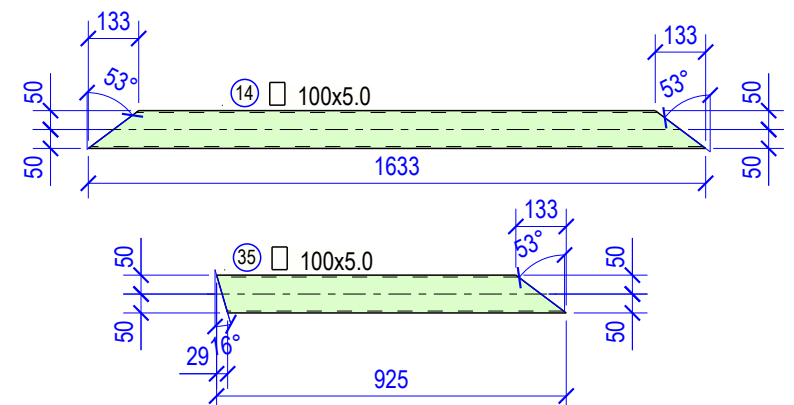
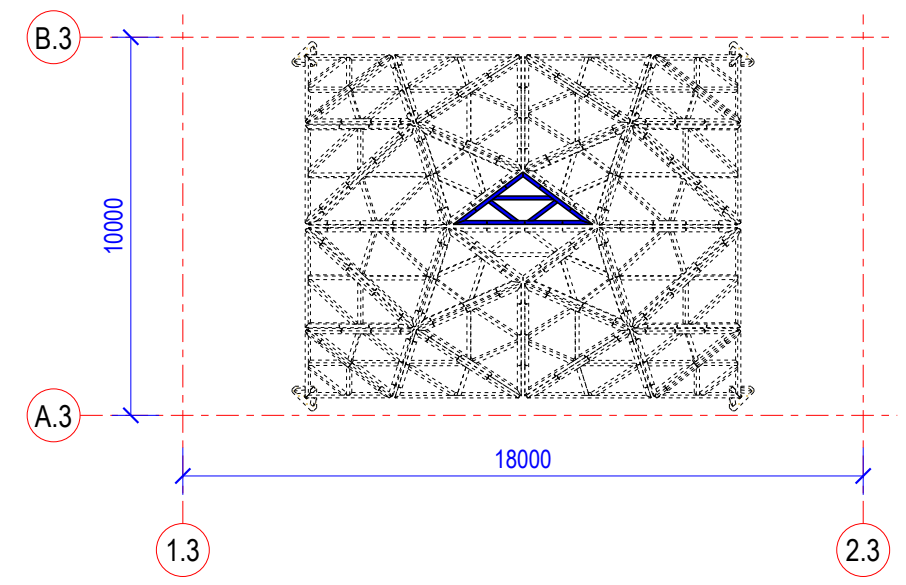
Borderou consum total de materiale

Faza	Coala	Coli
PE	15	32

"AKASHI PLUS" S.R.L.

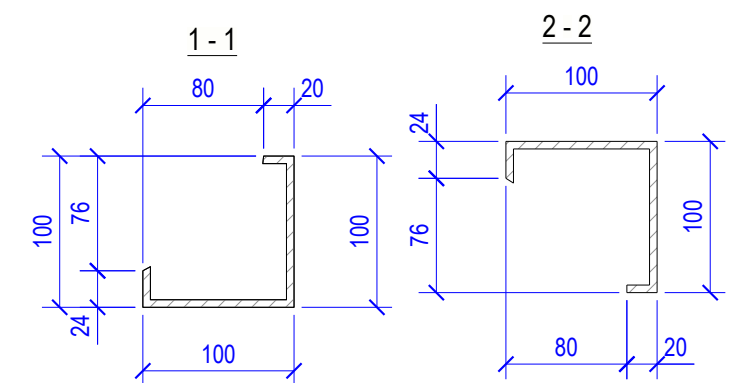
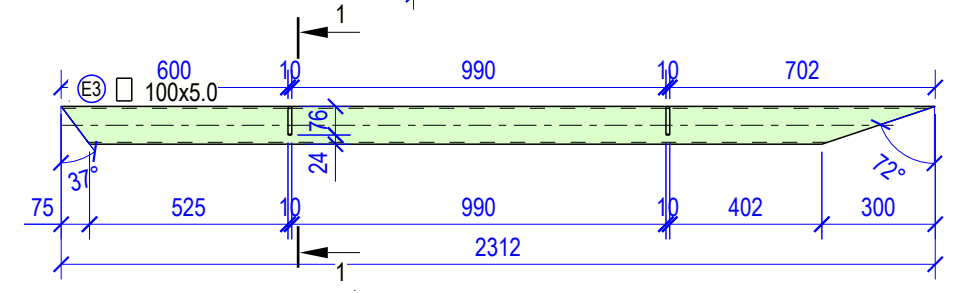
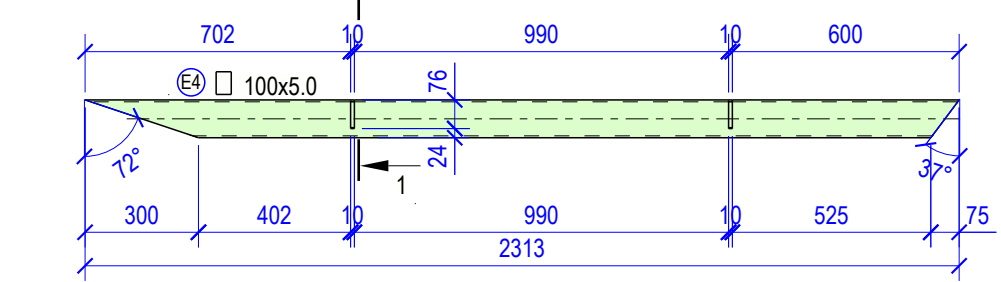
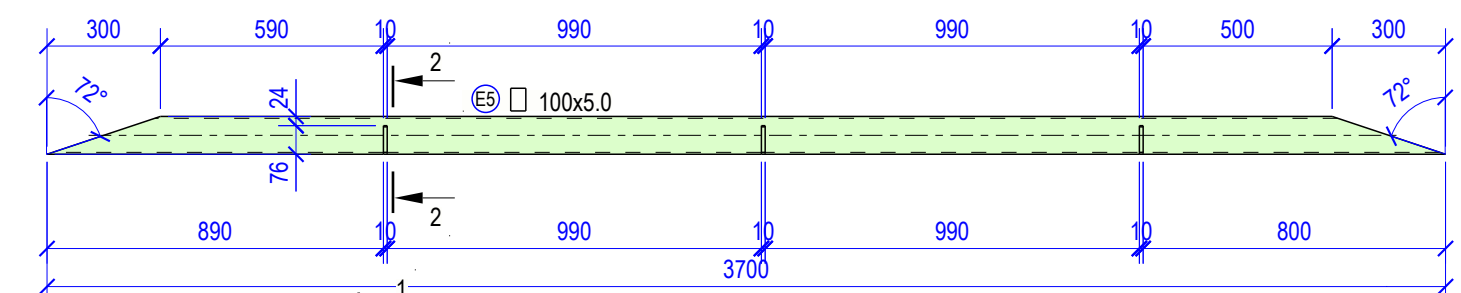


PLAN COMPOZITIONAL

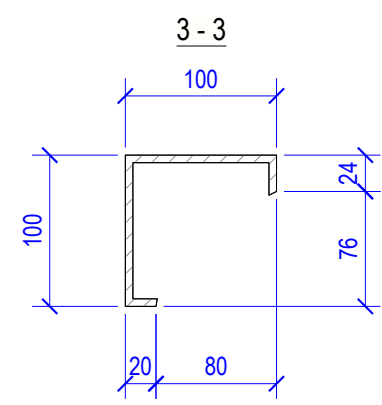
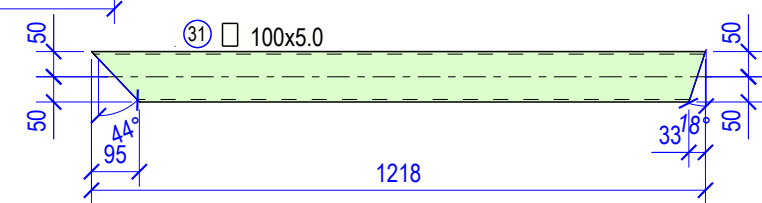
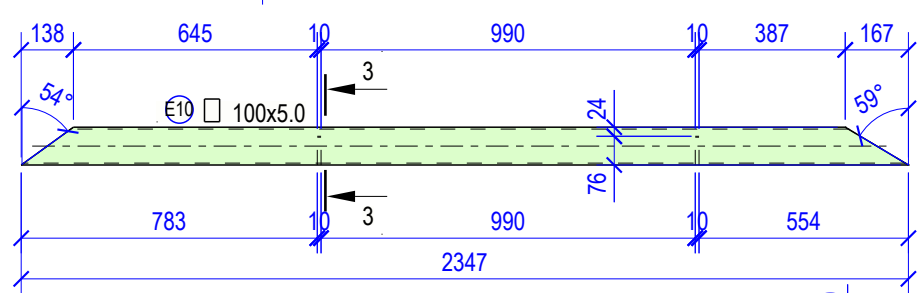
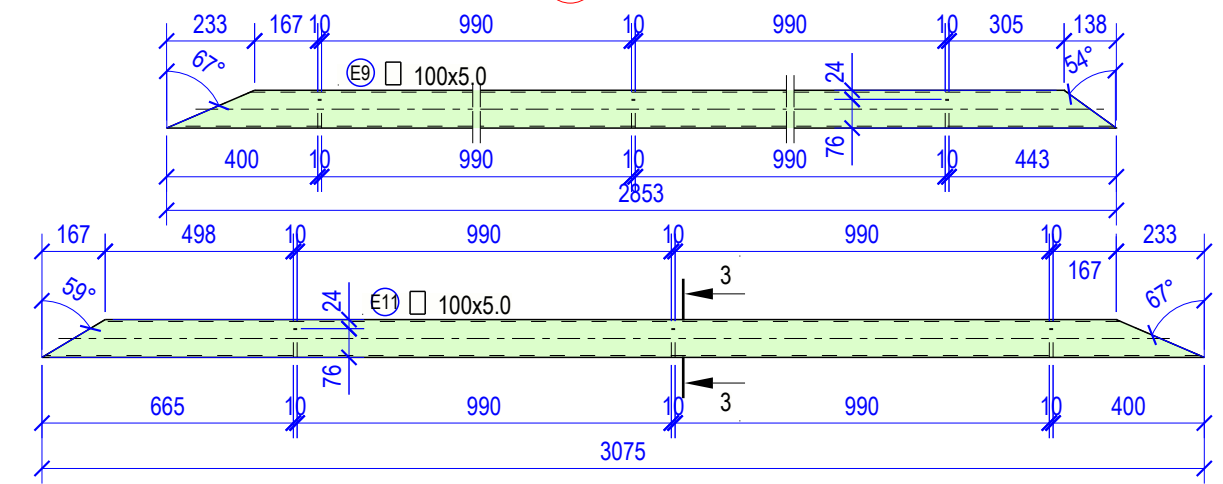
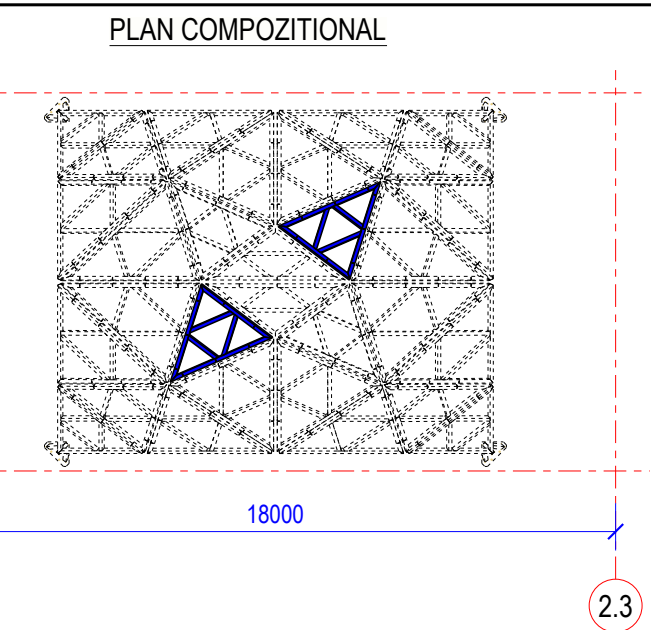
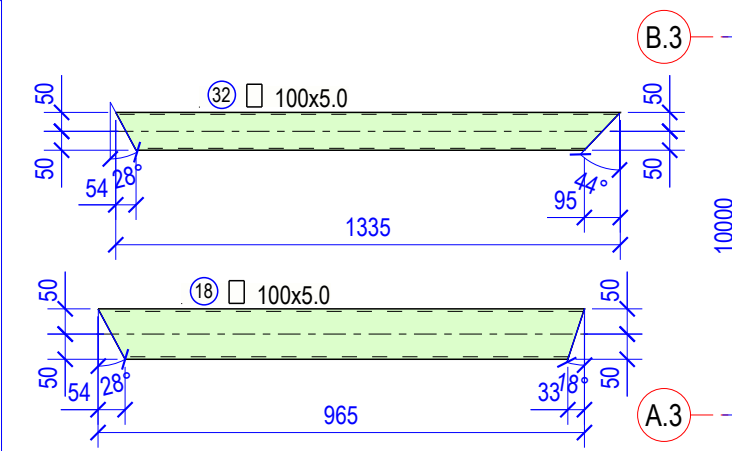
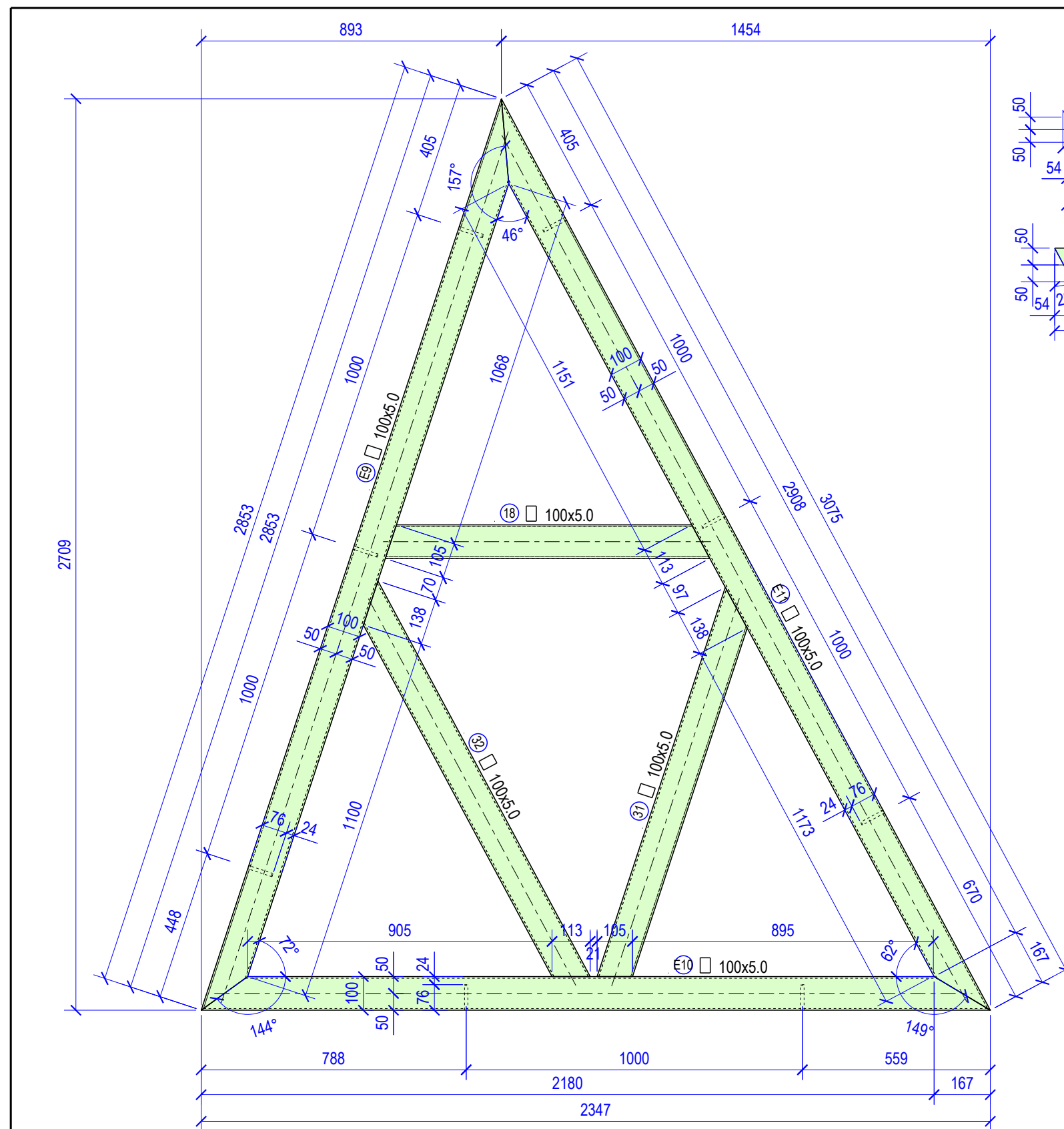


SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.	
CM1		Cadru metalic	1	170.2	170.2	
Elemente de tip bara						
14		100x5.0	1635.0 mm	1	23.5	23.5
35		100x5.0	925.0 mm	2	13.3	26.7
E3		100x5.0	2310.0 mm	1	33.3	33.3
E4		100x5.0	2310.0 mm	1	33.3	33.3
E5		100x5.0	3700.0 mm	1	53.3	53.3



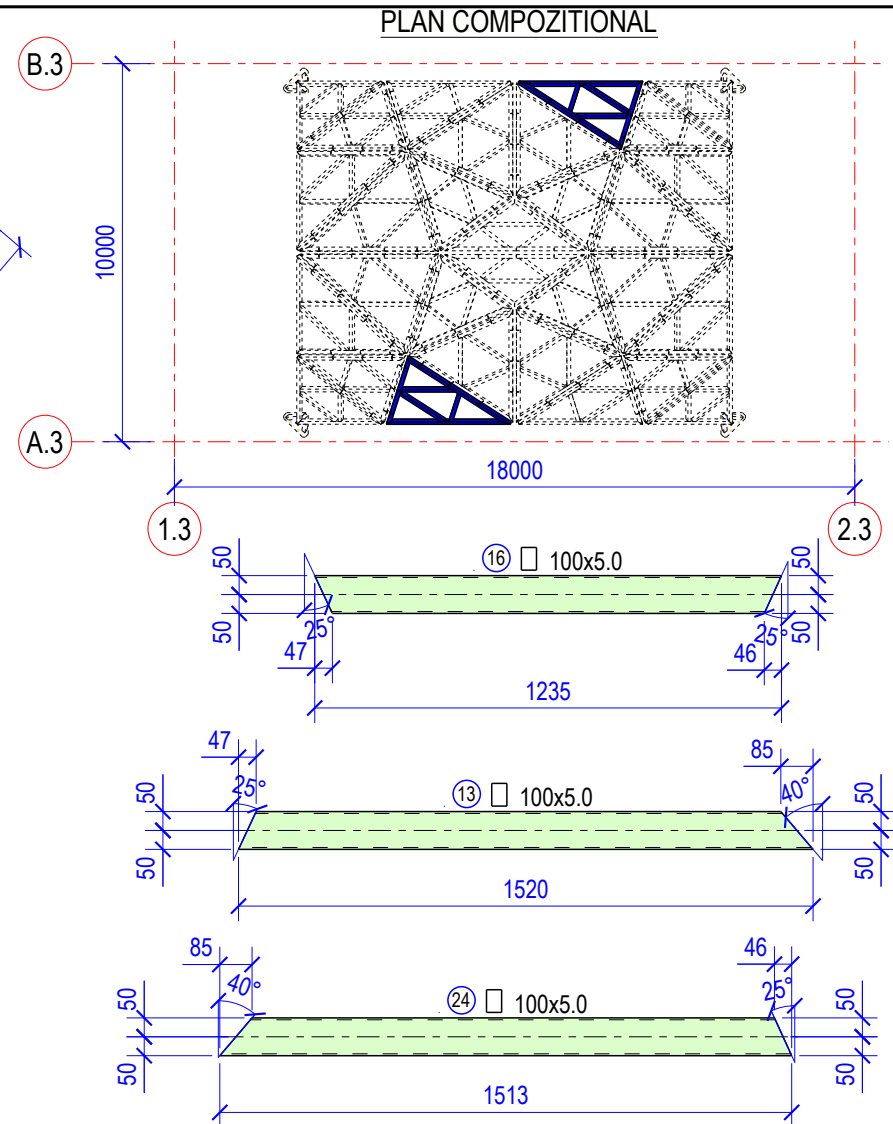
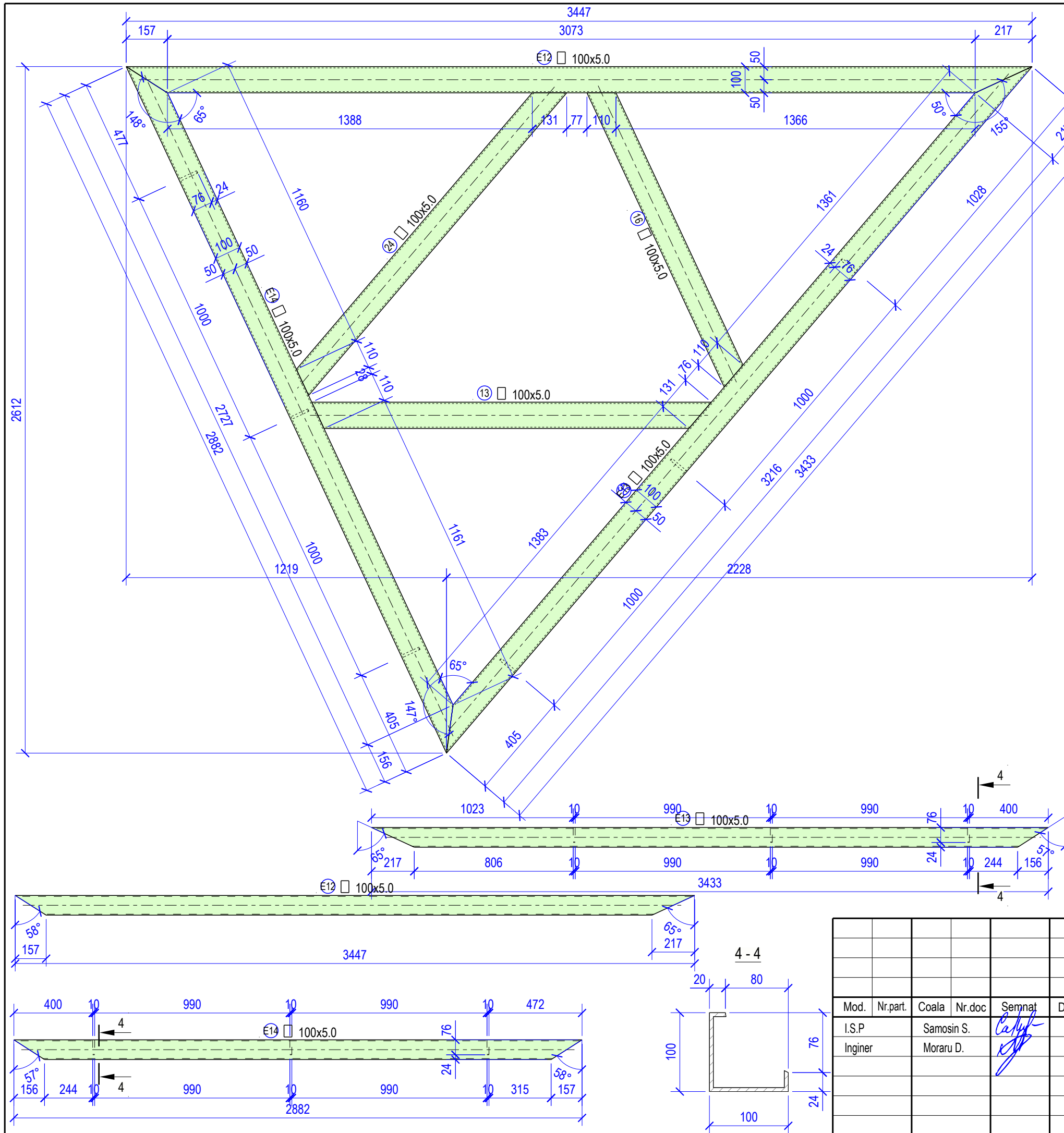
						44/25 - C			
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitate in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317			
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data	Constructie metalica	Faza	Coala	Coli
I.S.P		Samosin S.					PE	16	32
Inginer		Moraru D.							
						Cadru metalic CM1	"AKASHI PLUS" S.R.L.		



SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.	
CM3		Cadru metalic	2	170.0	340.0	
Elemente de tip bara						
18		100x5.0	965.0 mm	1	13.9	27.8
31		100x5.0	1220.0 mm	1	17.6	35.1
32		100x5.0	1335.0 mm	1	19.2	38.5
E9		100x5.0	2850.0 mm	1	41.1	82.2
E10		100x5.0	2345.0 mm	1	33.8	67.7
E11		100x5.0	3075.0 mm	1	44.3	88.6

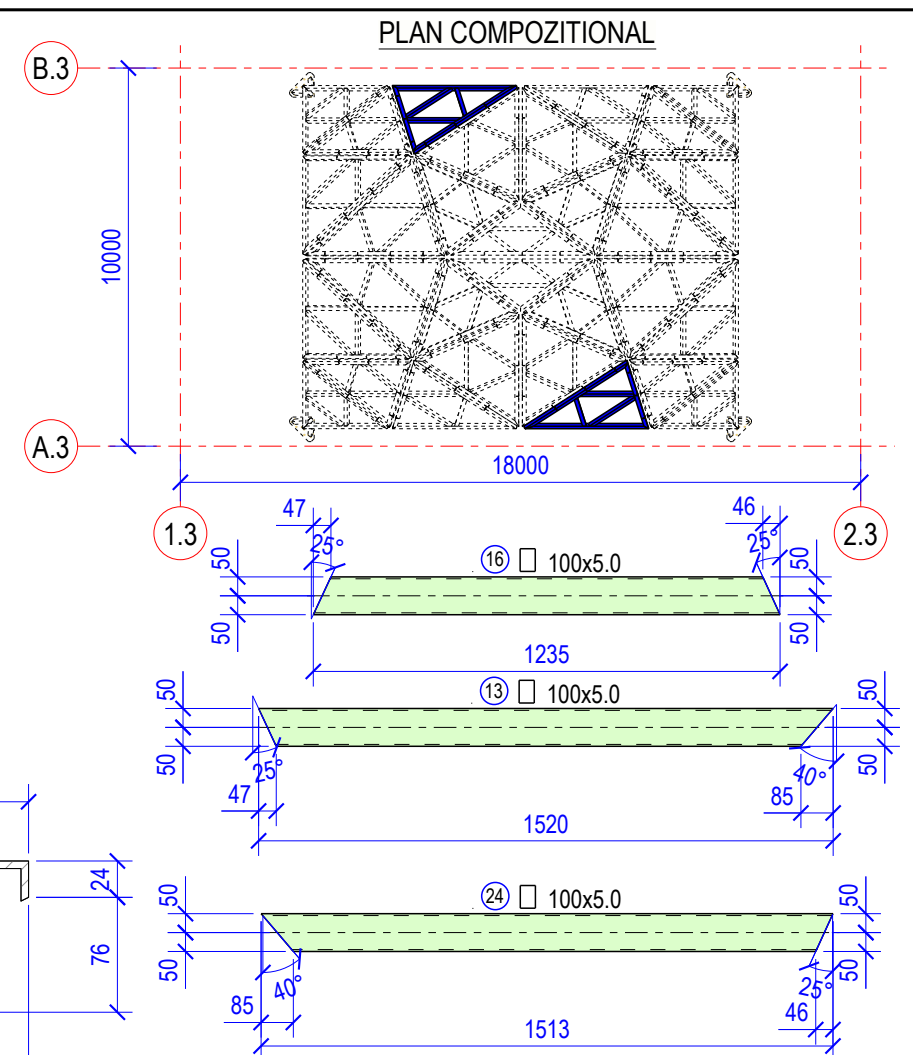
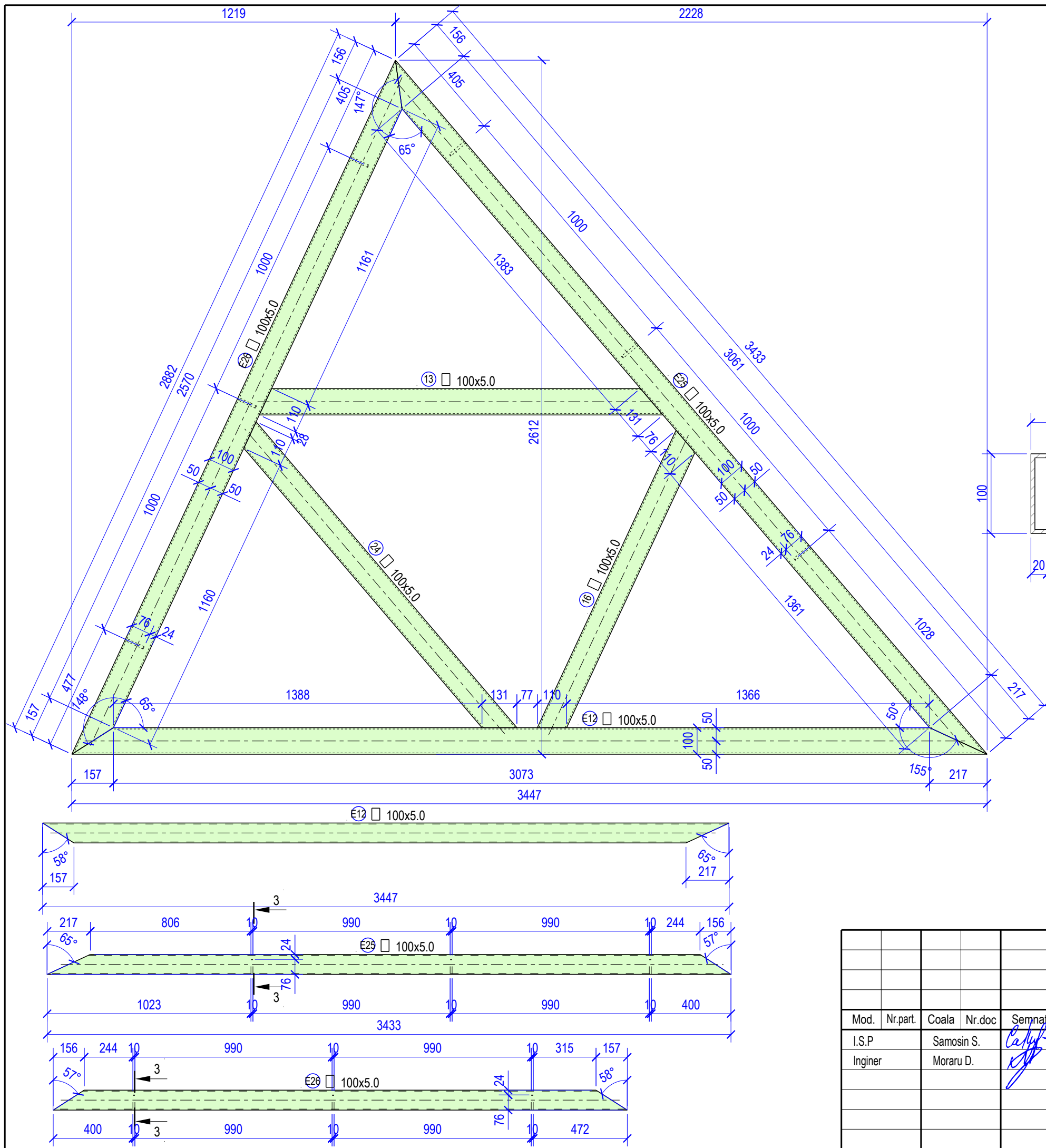
						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editilare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semn	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.					PE	18
Inginer		Moraru D.				Cadru metalic CM3	"AKASHI PLUS" S.R.L.	



SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.	
CM4		Cadru metalic	2	202.2	404.4	
Elemente de tip bara						
13		100x5.0	1520.0 mm	1	21.9	43.8
16		100x5.0	1235.0 mm	1	17.8	35.6
24		100x5.0	1515.0 mm	1	21.8	43.6
E12		100x5.0	3445.0 mm	1	49.7	99.4
E13		100x5.0	3435.0 mm	1	49.5	99.0
E14		100x5.0	2880.0 mm	1	41.5	83.1

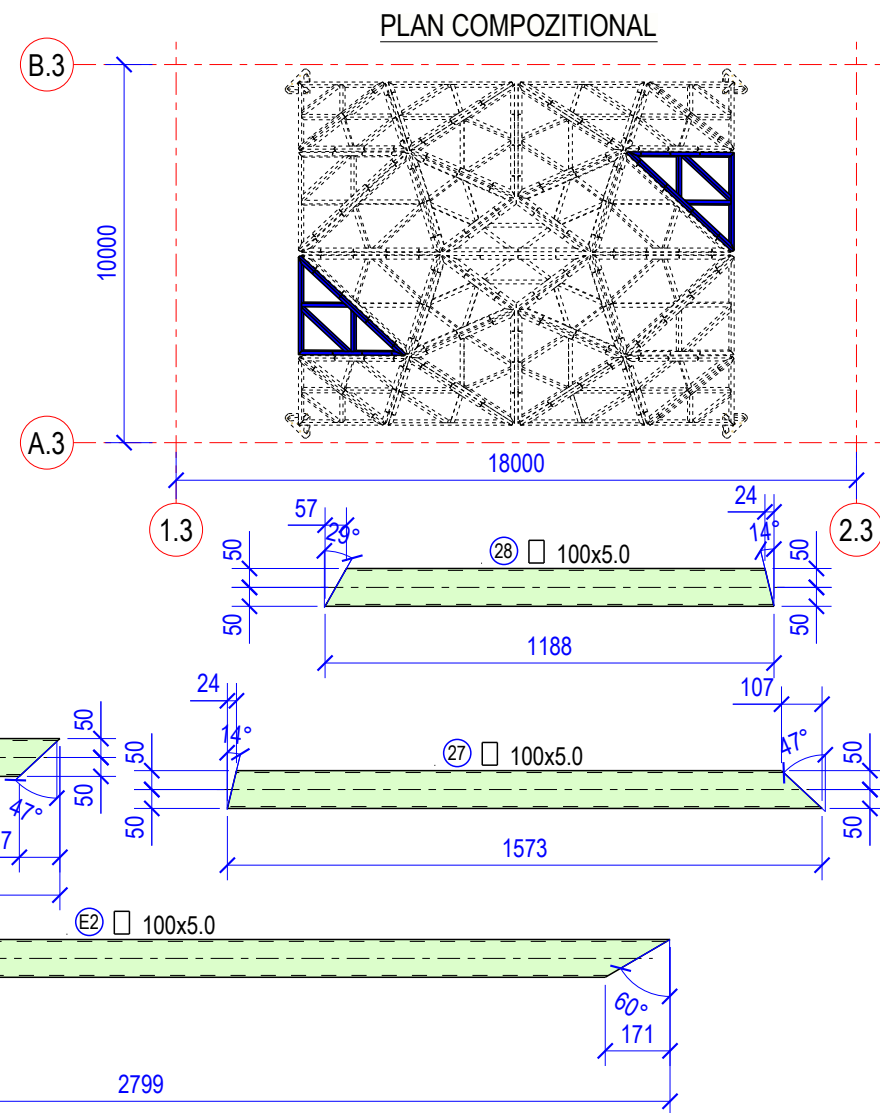
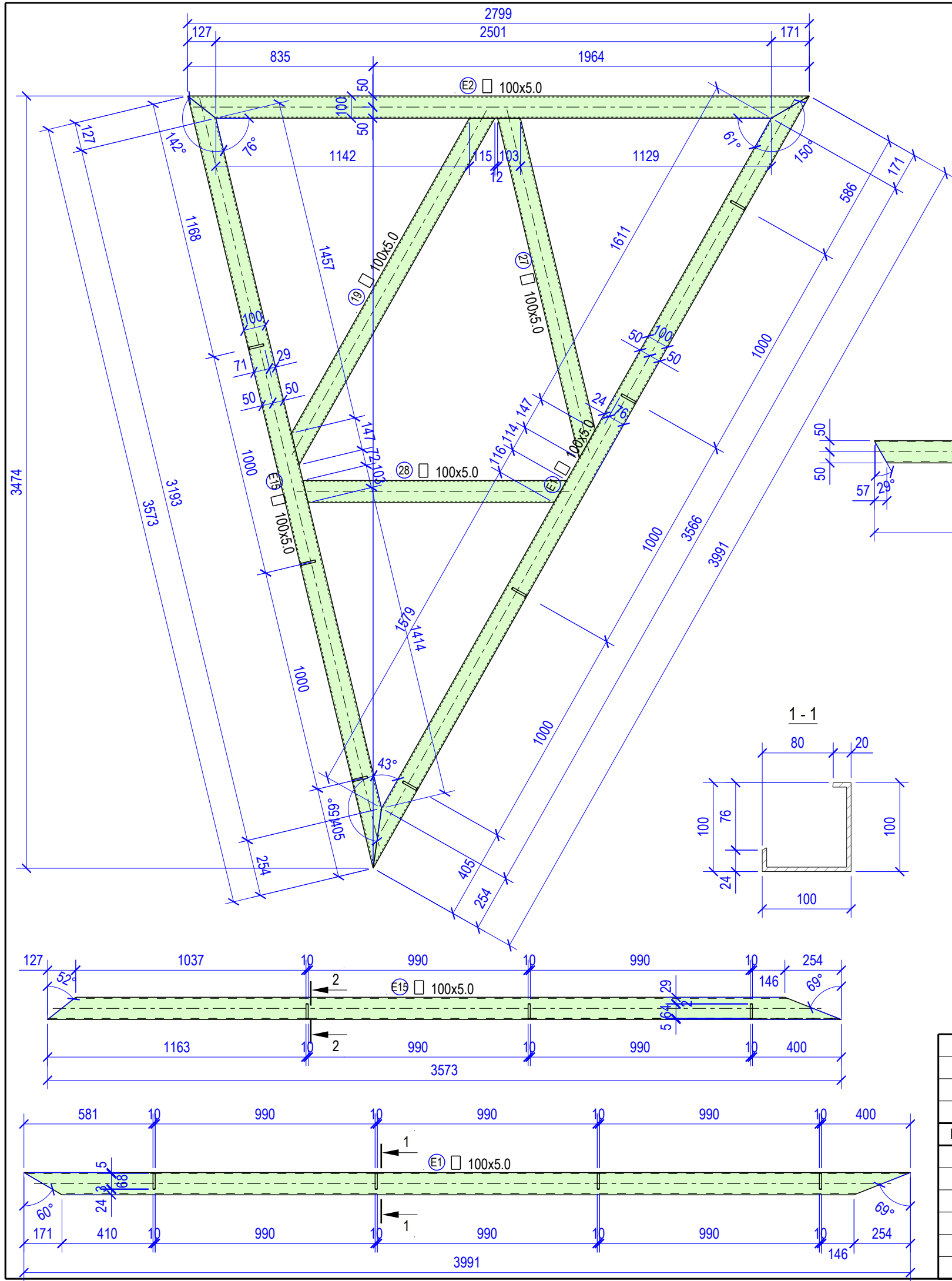
						44/25 - C				
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317				
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data	Constructie metalica		Faza	Coala	Coli
I.S.P		Samosin S.						PE	19	32
Inginer		Moraru D.				Cadru metalic CM4		"AKASHI PLUS" S.R.L.		



SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.
CM5		Cadru metalic	2	202.2	404.4
Elemente de tip bara					
13	100x5.0	1520.0 mm	1	21.9	43.8
16	100x5.0	1235.0 mm	1	17.8	35.6
24	100x5.0	1515.0 mm	1	21.8	43.6
E12	100x5.0	3445.0 mm	1	49.7	99.4
E25	100x5.0	3435.0 mm	1	49.5	99.0
E26	100x5.0	2880.0 mm	1	41.5	83.1

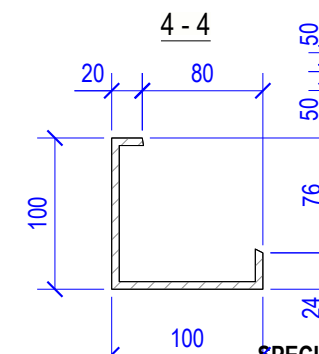
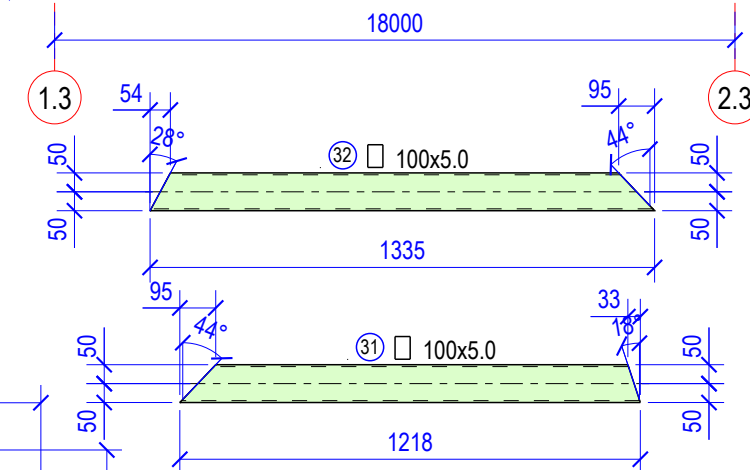
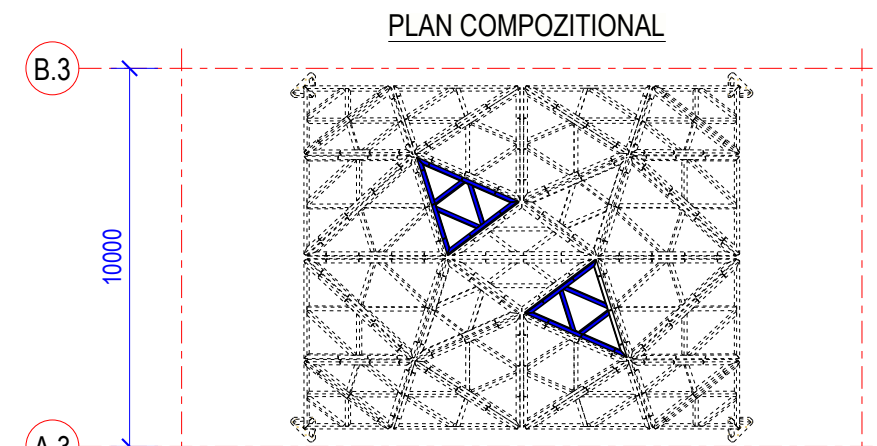
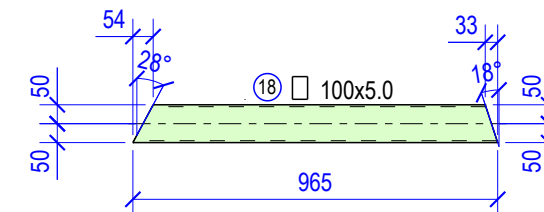
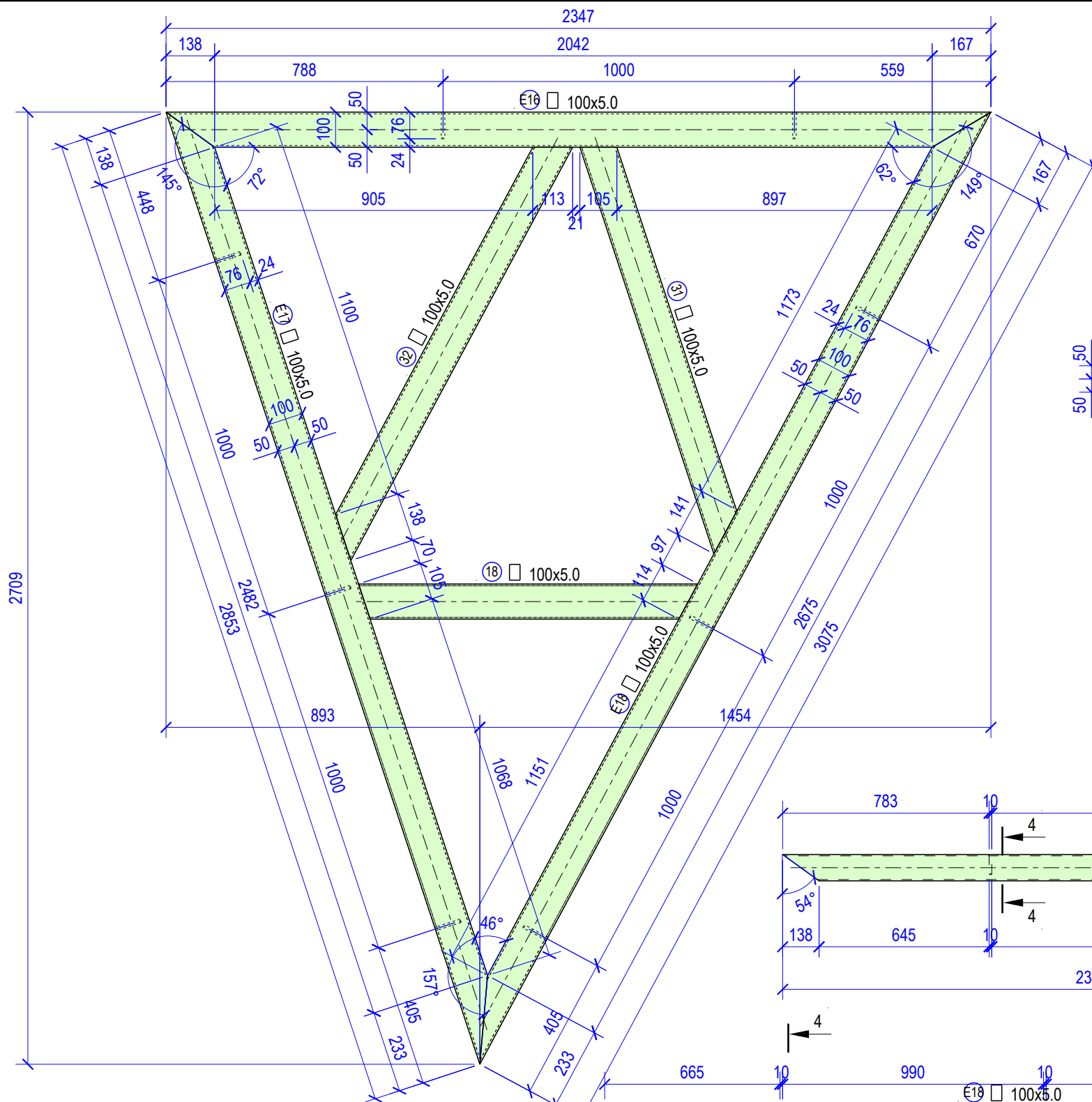
44/25 - C					
Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317					
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data
I.S.P		Samosin S.			
Inginer		Moraru D.			
Constructie metalica			Faza	Coala	Coli
			PE	20	32
Cadru metalic CM5			"AKASHI PLUS" S.R.L.		



SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

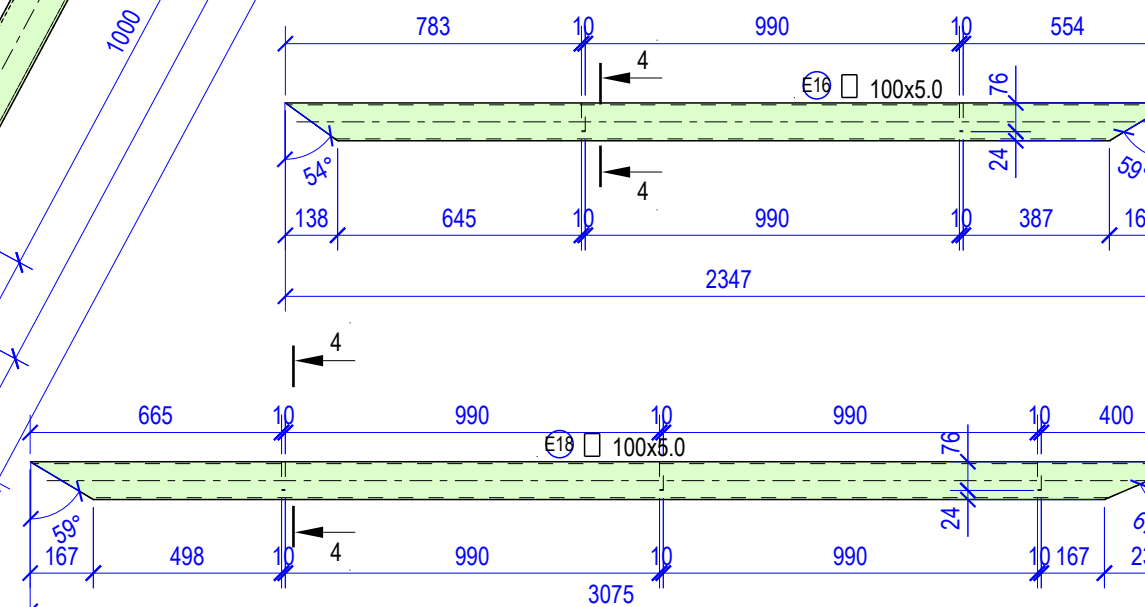
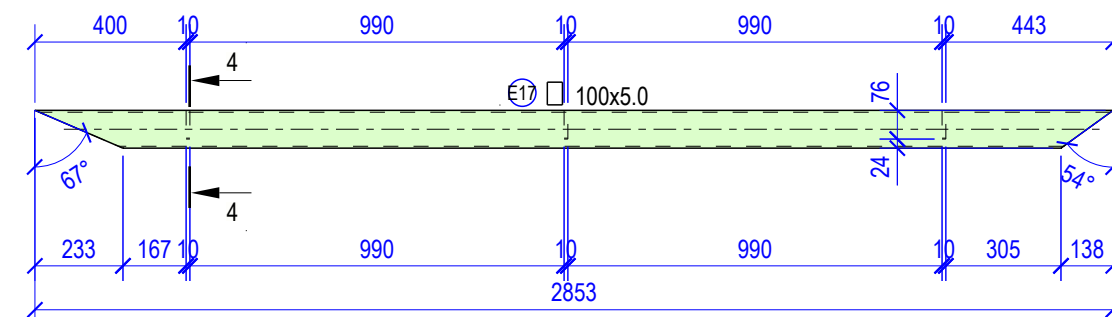
Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.
CM6		Cadru metalic	2	215.0	430.0
Elemente de tip bara					
19	□ 100x5.0	1790.0 mm	1	25.8	51.6
27	□ 100x5.0	1575.0 mm	1	22.7	45.4
28	□ 100x5.0	1185.0 mm	1	17.1	34.2
E1	□ 100x5.0	3990.0 mm	1	57.5	115.0
E2	□ 100x5.0	2800.0 mm	1	40.3	80.7
E15	□ 100x5.0	3575.0 mm	1	51.5	103.0

44/25 - C					
Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni					
sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317					
Mod.	Nr.part.	Coala	Nr.doc	Semn	Data
I.S.P		Samosin S.			
Inginer		Moraru D.			
Constructie metalica			Faza	Coala	Coli
Cadru metalic CM6			PE	21	32
"AKASHI PLUS" S.R.L.					

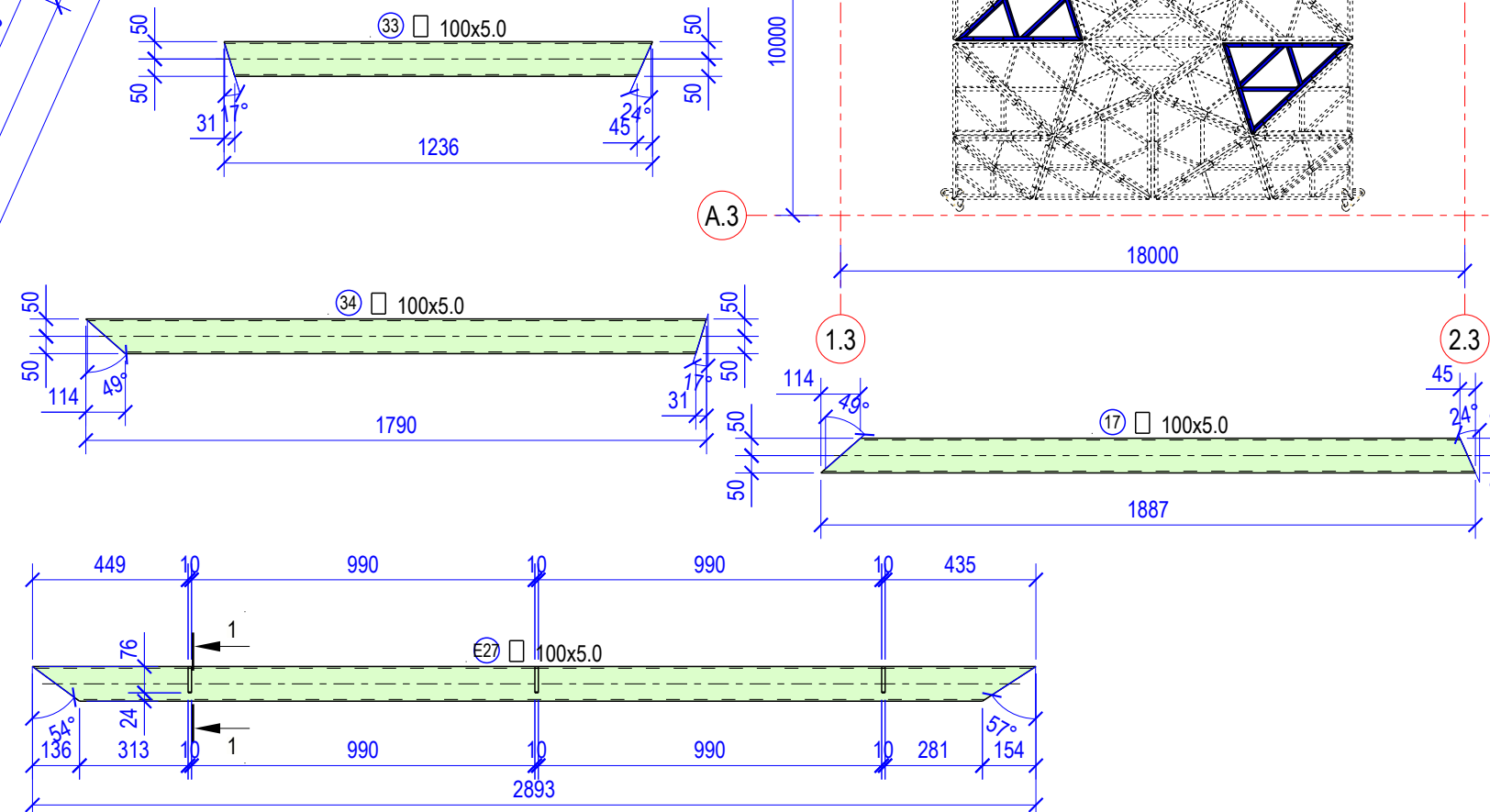
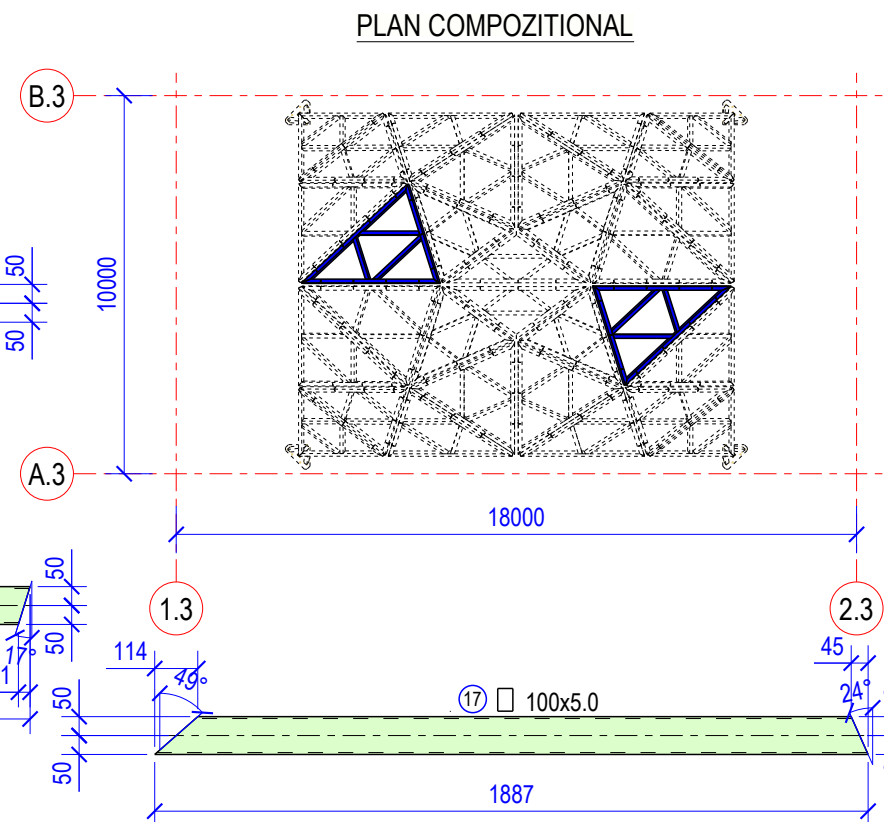
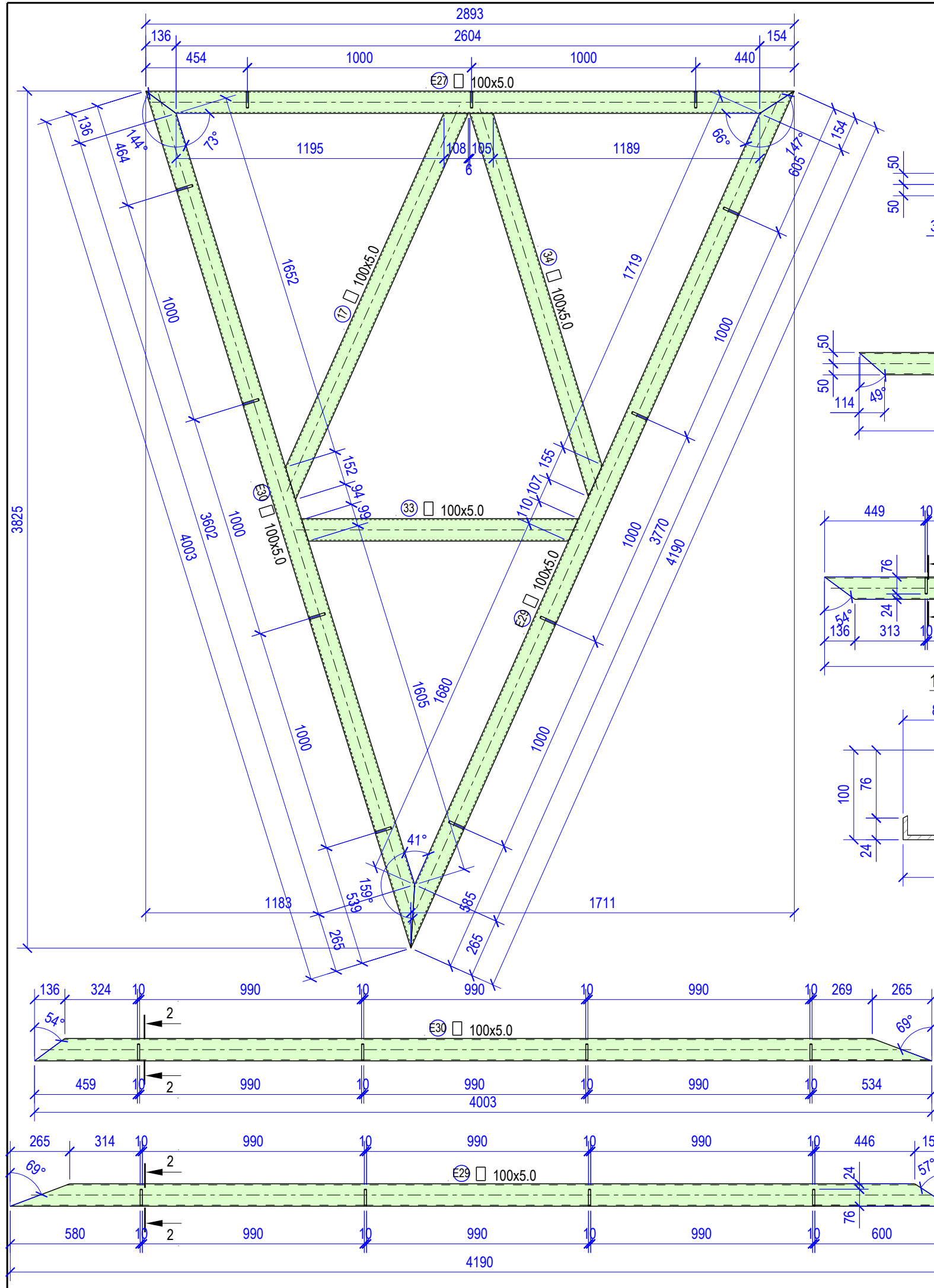


SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa to	
CM7		Cadru metalic	2	170.0	340.0	
Elemente de tip bara						
18		100x5.0	965.0 mm	1	13.9	27.8
31		100x5.0	1220.0 mm	1	17.6	35.1
32		100x5.0	1335.0 mm	1	19.2	38.5
E16		100x5.0	2345.0 mm	1	33.8	67.7
E17		100x5.0	2850.0 mm	1	41.1	82.2
E18		100x5.0	3075.0 mm	1	44.3	88.6



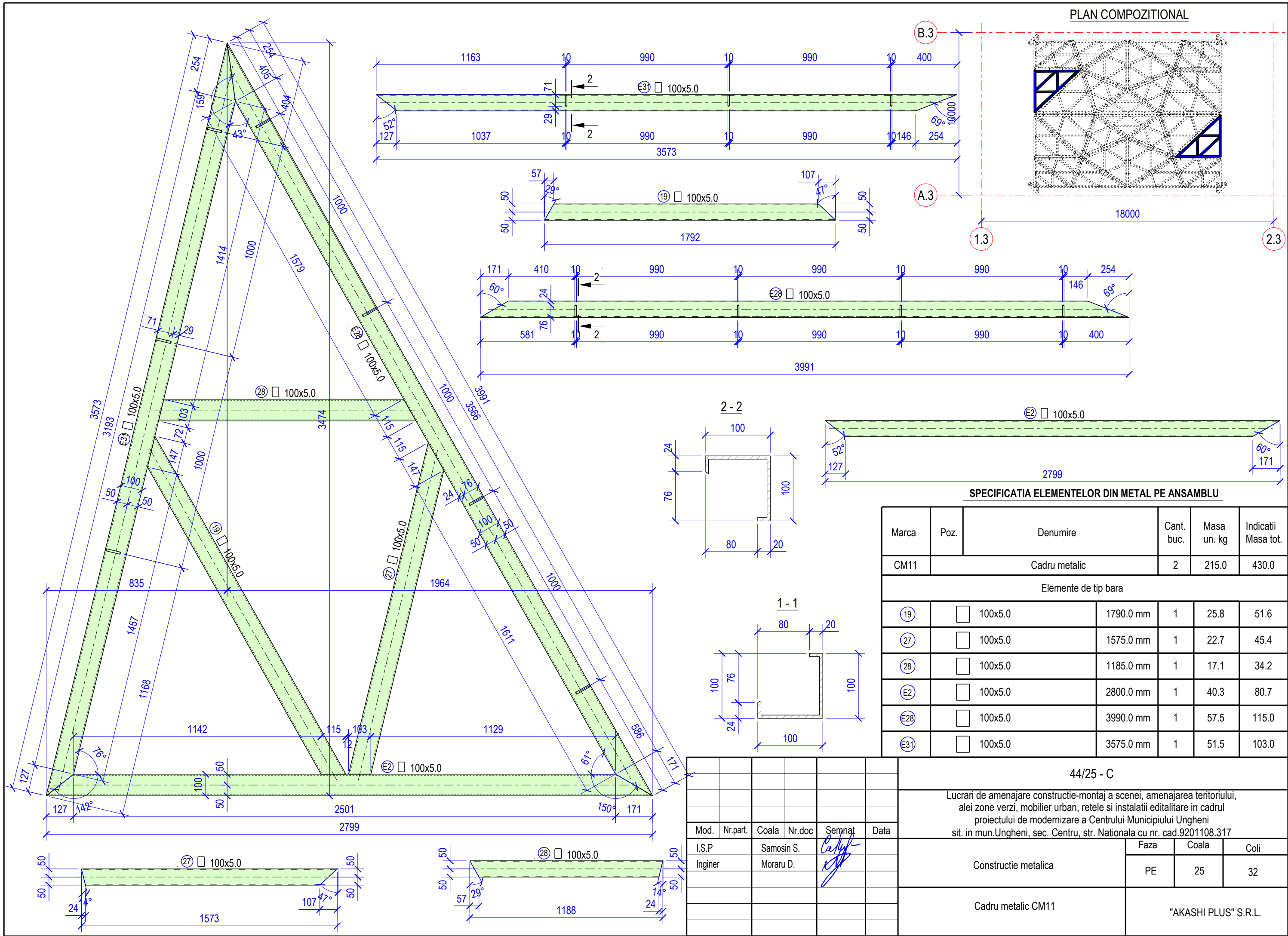
						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.					PE	22
Inginer		Moraru D.				Cadru metalic CM7	"AKASHI PLUS" S.R.L.	

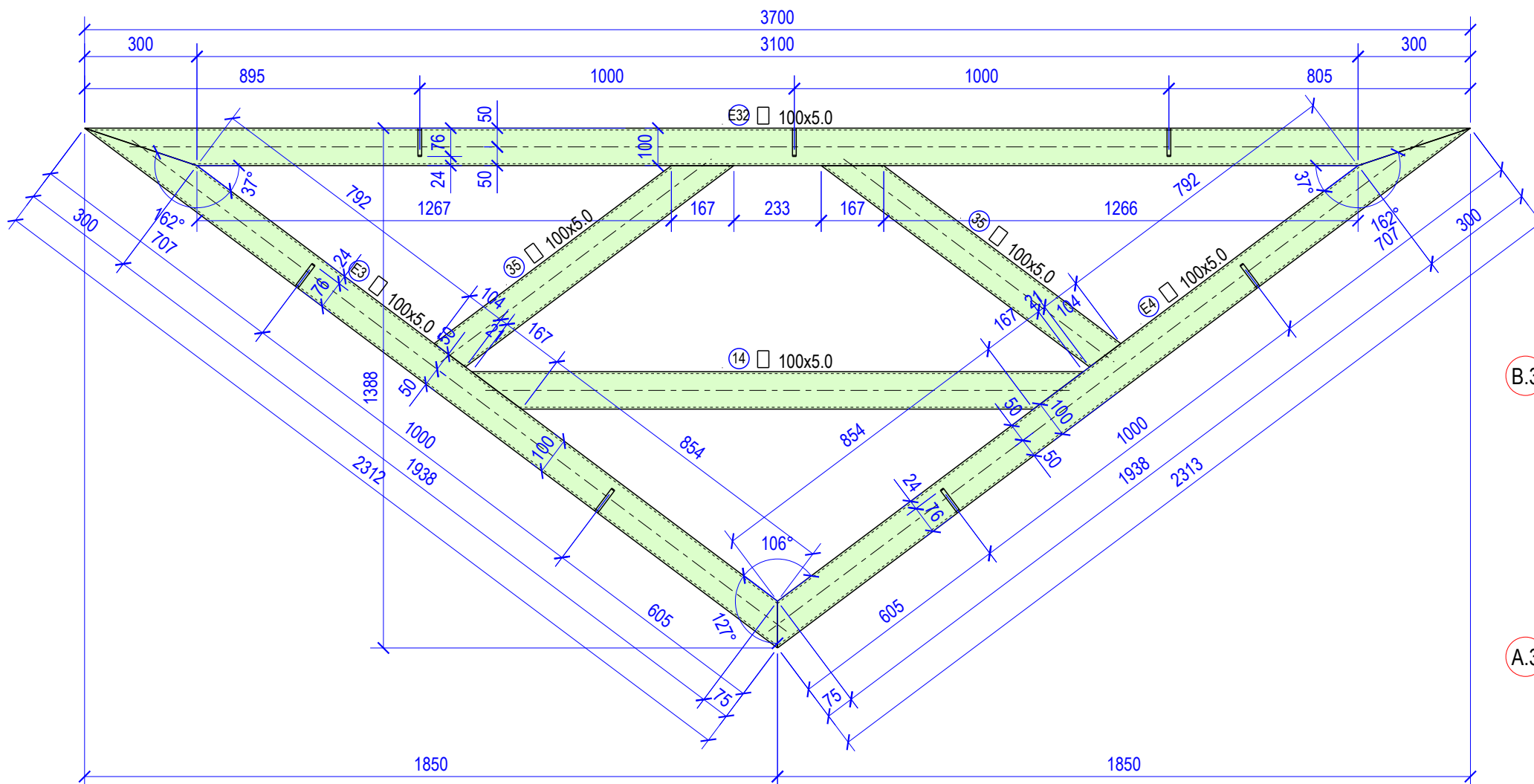


SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

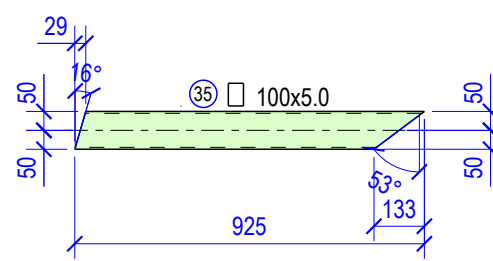
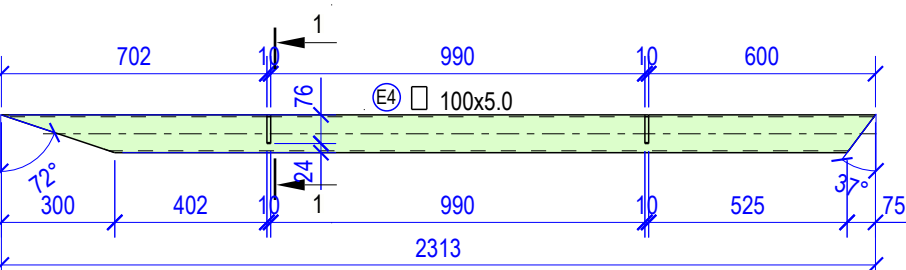
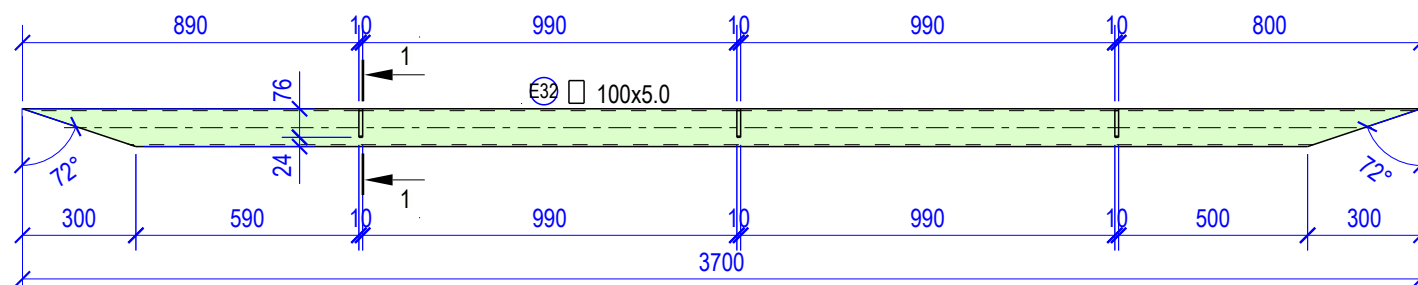
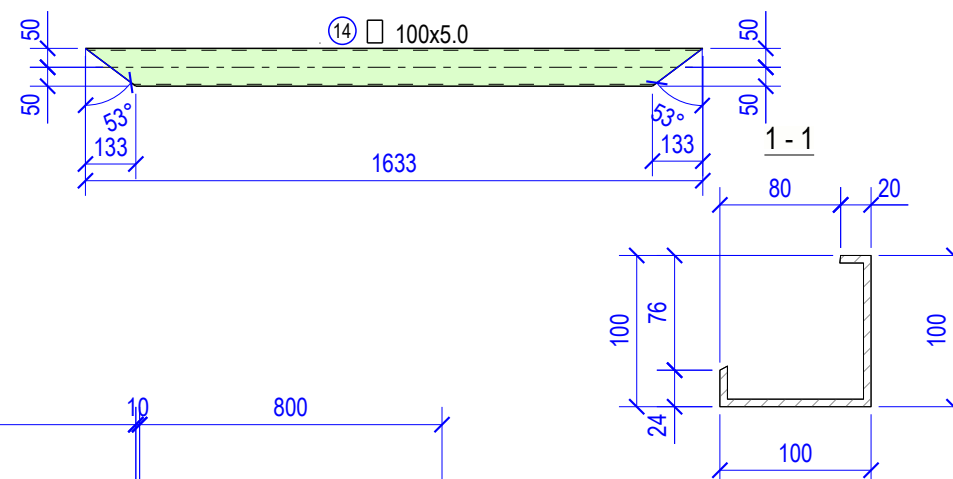
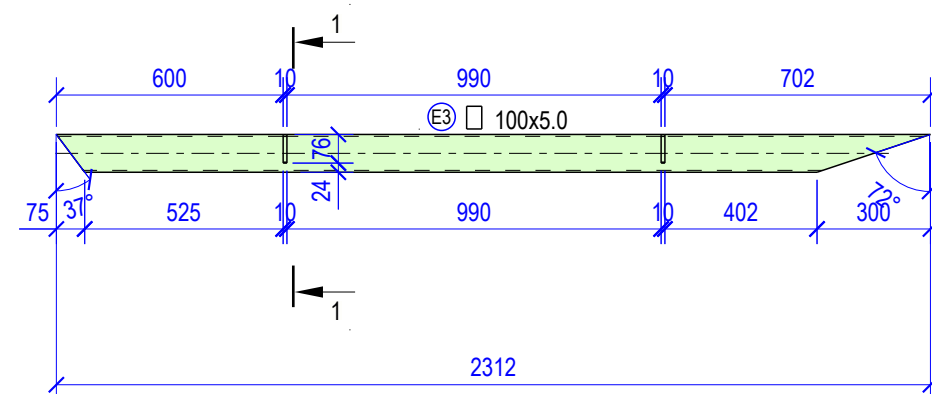
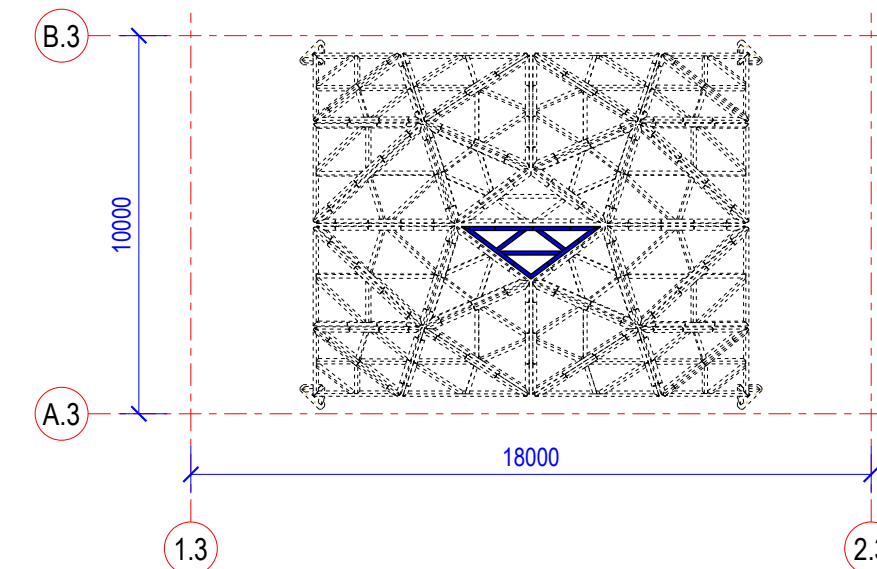
Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.
CM10		Cadru metalic	2	230.6	461.2
Elemente de tip bara					
17	100x5.0	1885.0 mm	1	27.2	54.4
33	100x5.0	1235.0 mm	1	17.8	35.6
34	100x5.0	1790.0 mm	1	25.8	51.6
E27	100x5.0	2895.0 mm	1	41.7	83.4
E29	100x5.0	4190.0 mm	1	60.4	120.8
E30	100x5.0	4005.0 mm	1	57.7	115.4

44/25 - C					
Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317					
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data
I.S.P		Samosin S.			
Inginer		Moraru D.			
Constructie metalica			Faza	Coala	Coli
			PE	24	32
Cadru metalic CM10			"AKASHI PLUS" S.R.L.		





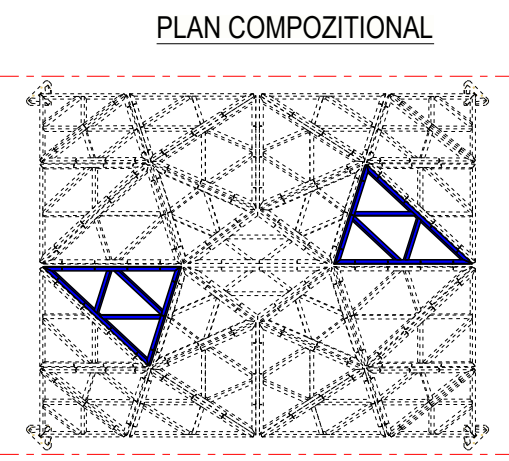
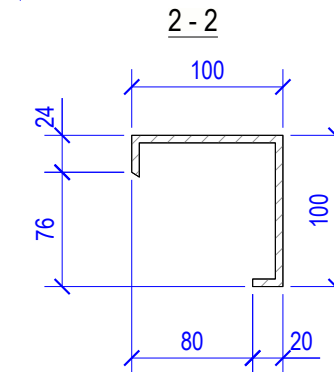
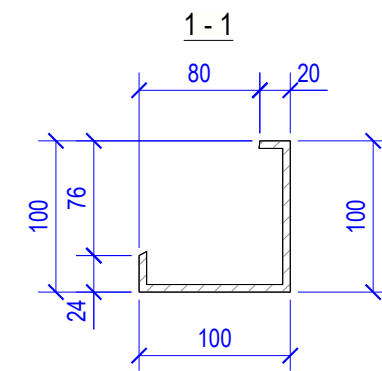
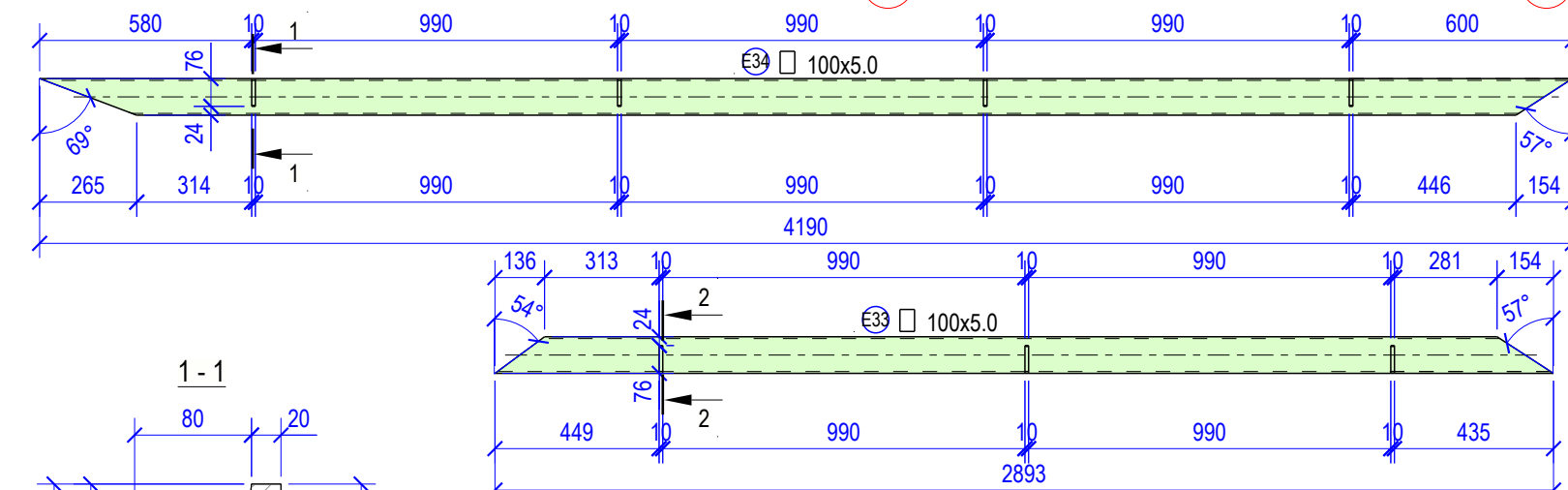
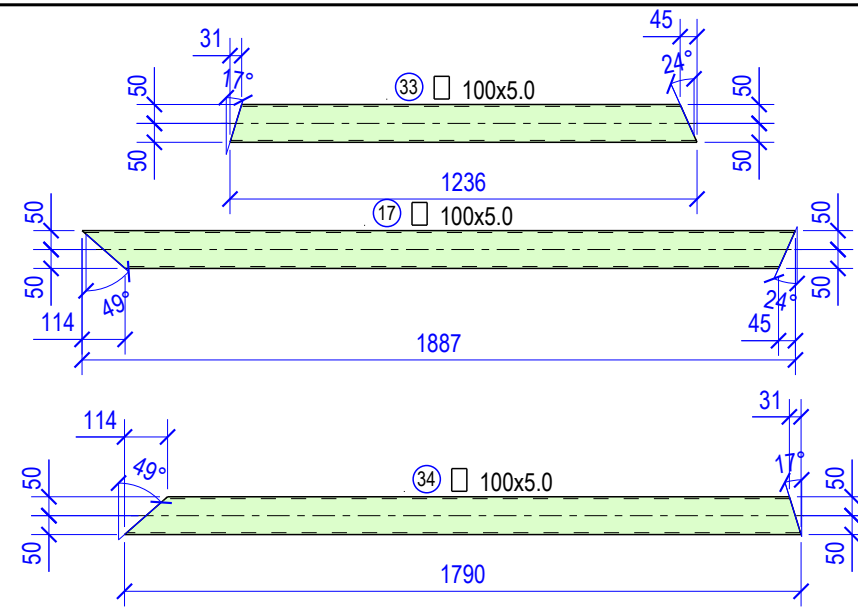
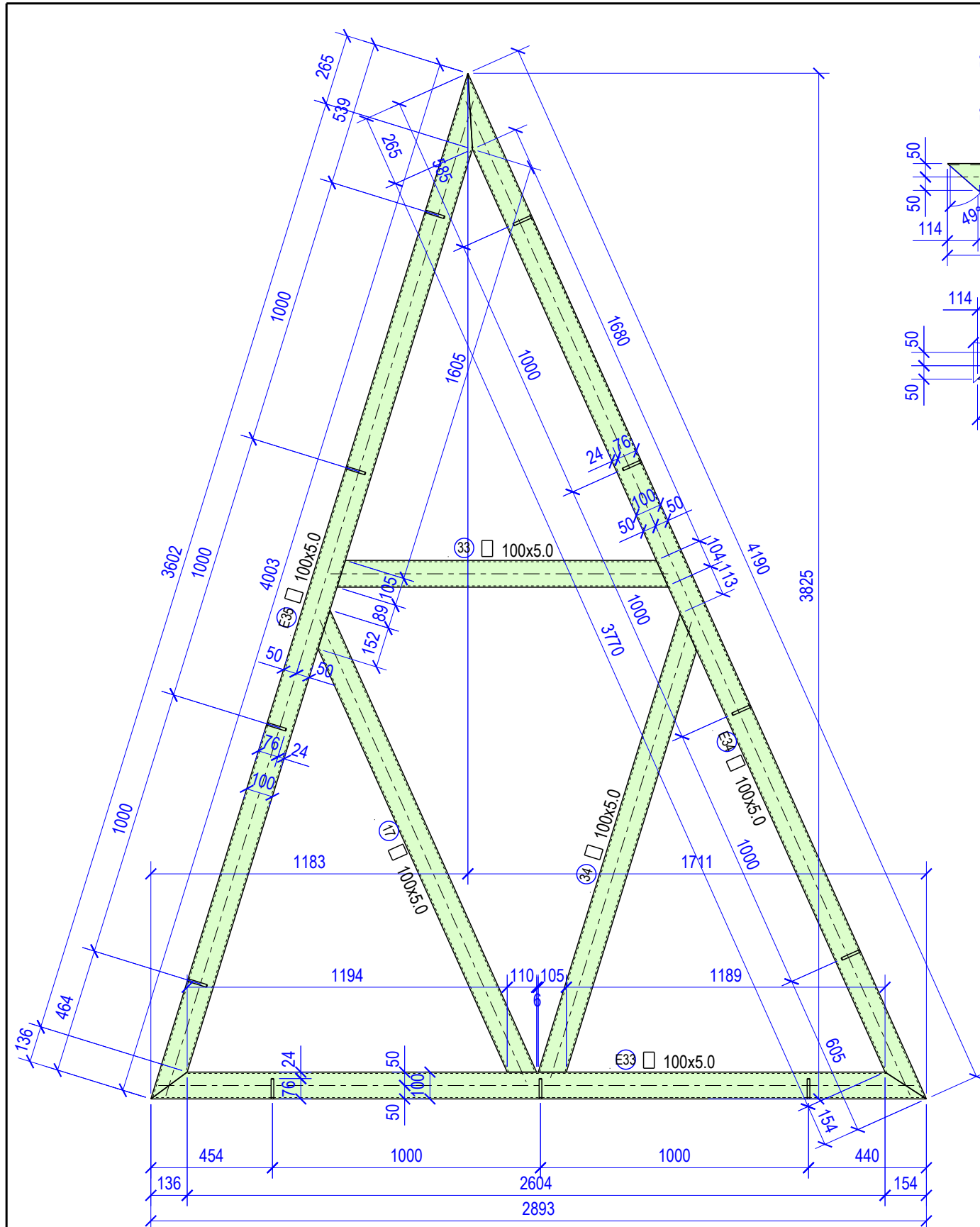
PLAN COMPOZITIONAL



SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

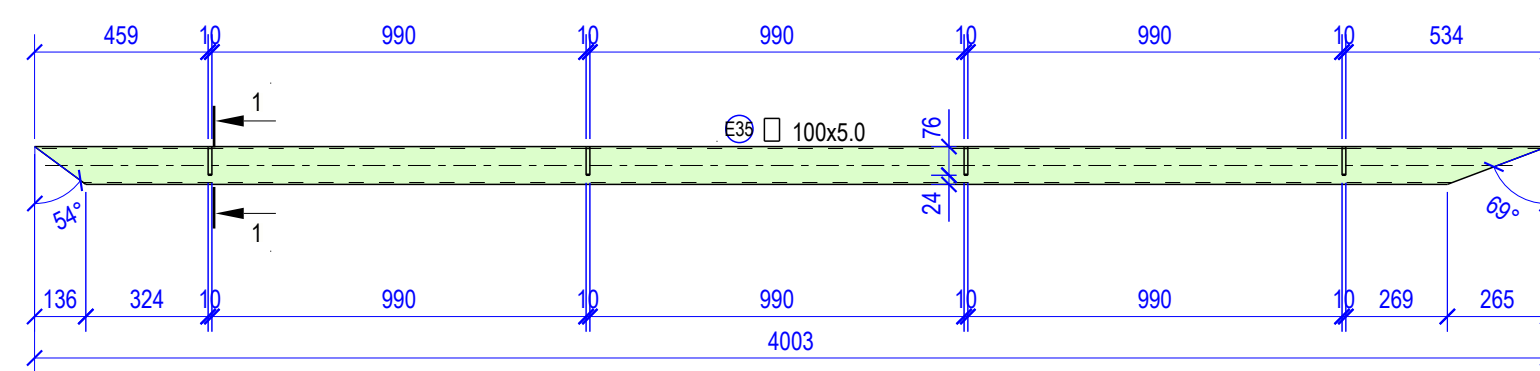
Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicati Masa to	
CM12		Cadru metalic	1	170.2	170.2	
Elemente de tip bara						
14		100x5.0	1635.0 mm	1	23.5	23.5
35		100x5.0	925.0 mm	2	13.3	26.7
E3		100x5.0	2310.0 mm	1	33.3	33.3
E4		100x5.0	2310.0 mm	1	33.3	33.3
E32		100x5.0	3700.0 mm	1	53.3	53.3

						44/25 - C			
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317			
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data	Constructie metalica	Faza	Coala	Coli
I.S.P		Samosin S.					PE	26	32
Inginer		Moraru D.							
						Cadru metalic CM12	"AKASHI PLUS" S.R.L.		

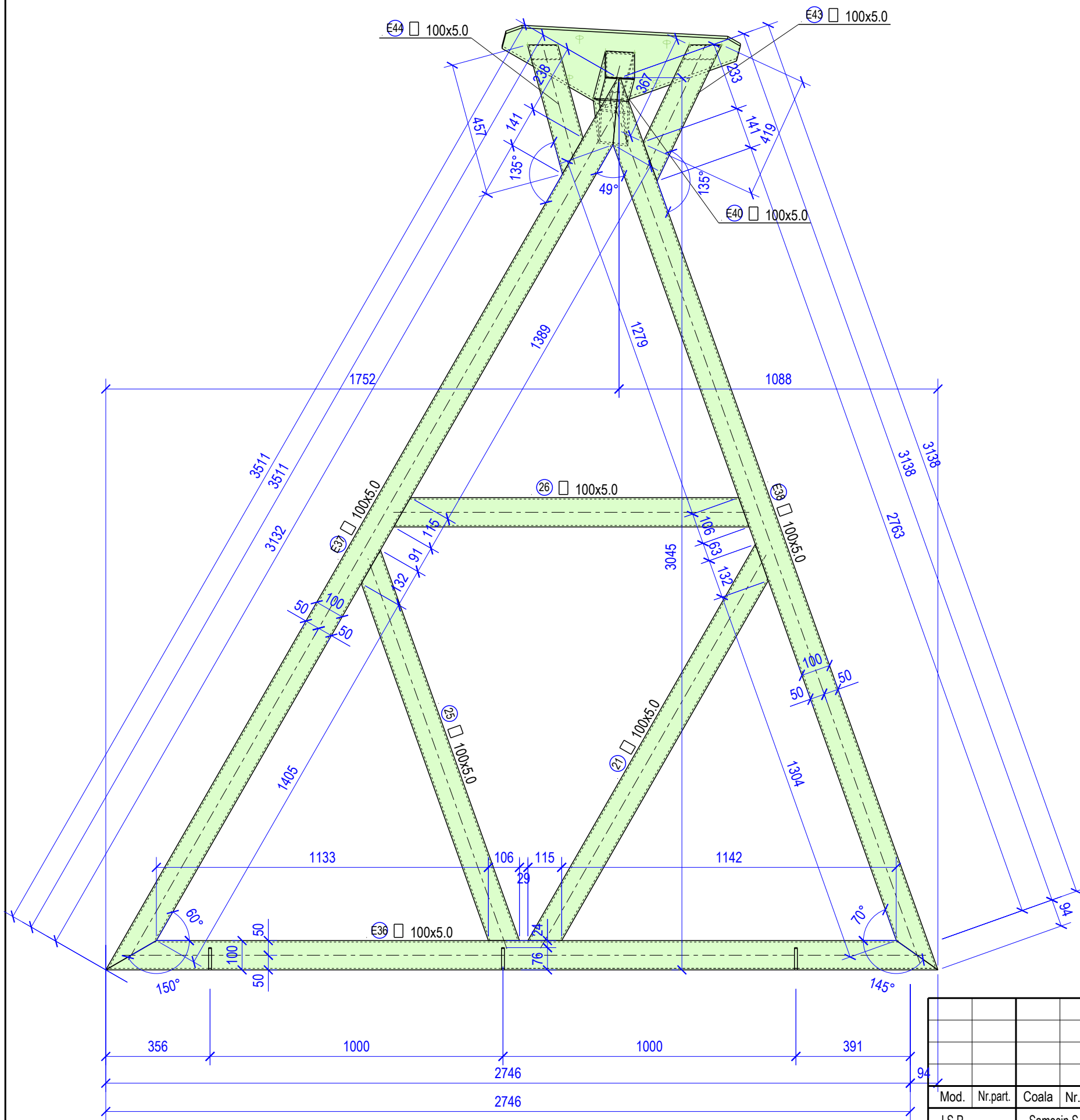


SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

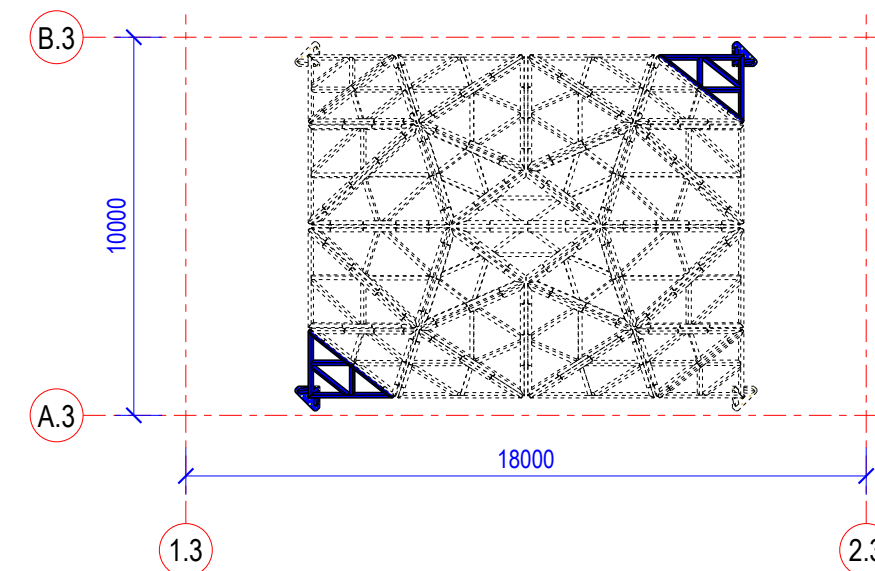
Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.
CM13		Cadru metalic	2	230.6	461.2
Elemente de tip bara					
17	□ 100x5.0	1885.0 mm	1	27.2	54.4
33	□ 100x5.0	1235.0 mm	1	17.8	35.6
34	□ 100x5.0	1790.0 mm	1	25.8	51.6
E33	□ 100x5.0	2895.0 mm	1	41.7	83.4
E34	□ 100x5.0	4190.0 mm	1	60.4	120.8
E35	□ 100x5.0	4005.0 mm	1	57.7	115.4



44/25 - C					
Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317					
Mod.	Nr.part.	Coala	Nr.doc	Semn	Data
I.S.P		Samosin S.			
Inginer		Moraru D.			
Constructie metalica			Faza	Coala	Coli
Cadru metalic CM13			PE	27	32
			"AKASHI PLUS" S.R.L.		



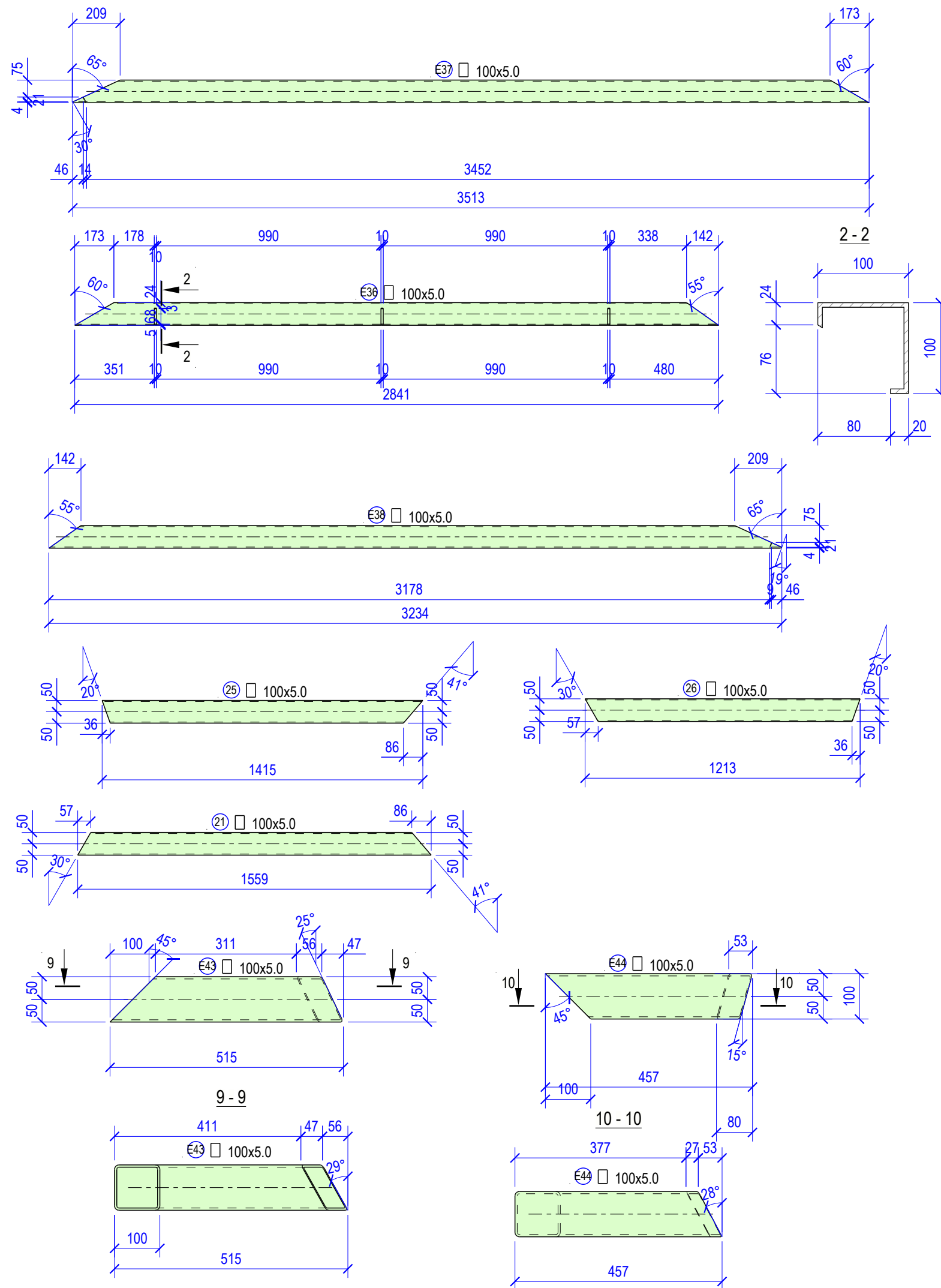
PLAN COMPOZITIONAL



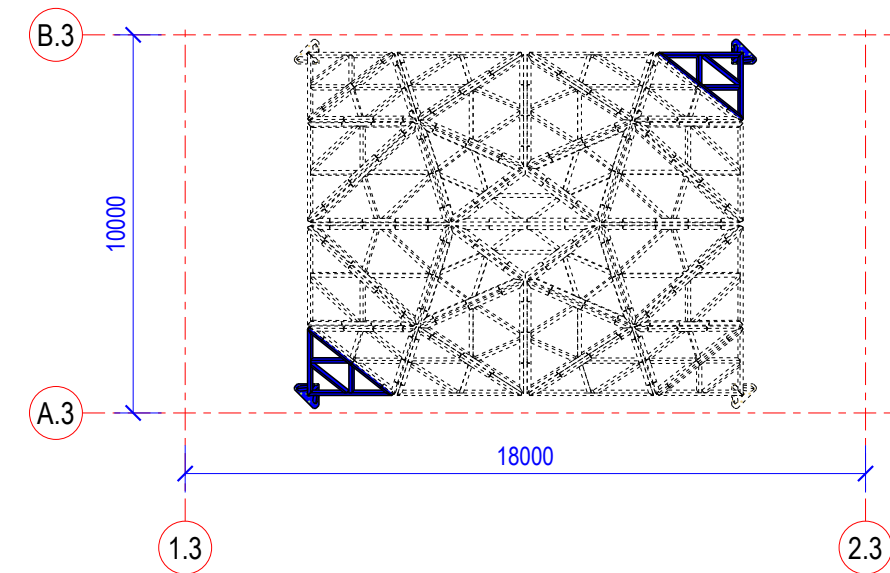
SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.
CM14		Cadru metalic	2	245.5	490.9
Elemente de tip bara					
E21	□ 100x5.0	1560.0 mm	1	22.5	44.9
E25	□ 100x5.0	1415.0 mm	1	20.4	40.8
E26	□ 100x5.0	1215.0 mm	1	17.5	35.0
E36	□ 100x5.0	2840.0 mm	1	40.9	81.9
E37	□ 100x5.0	3520.0 mm	1	50.6	101.3
E38	□ 100x5.0	3240.0 mm	1	46.6	93.2
E39	□ 100x5.0	315.0 mm	1	4.5	9.0
E40	□ 100x5.0	355.0 mm	1	5.1	10.2
E43	□ 100x5.0	515.0 mm	1	7.4	14.8
E44	□ 100x5.0	455.0 mm	1	6.6	13.2
Elemente de tip placa (m2)					
M15	— 6 mm	0.02	2	0.47	0.9
M17	— 10 mm	0.84	2	33.17	45.7

						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editilatare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.		<i>Calu</i>			PE	28
Inginer		Moraru D.		<i>[Signature]</i>		Cadru metalic CM14	"AKASHI PLUS" S.R.L.	



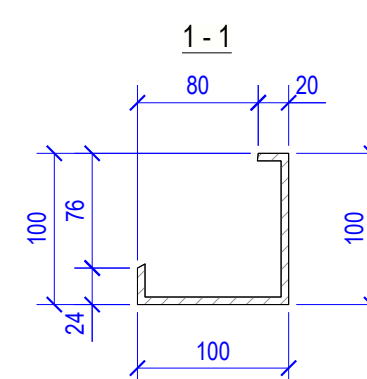
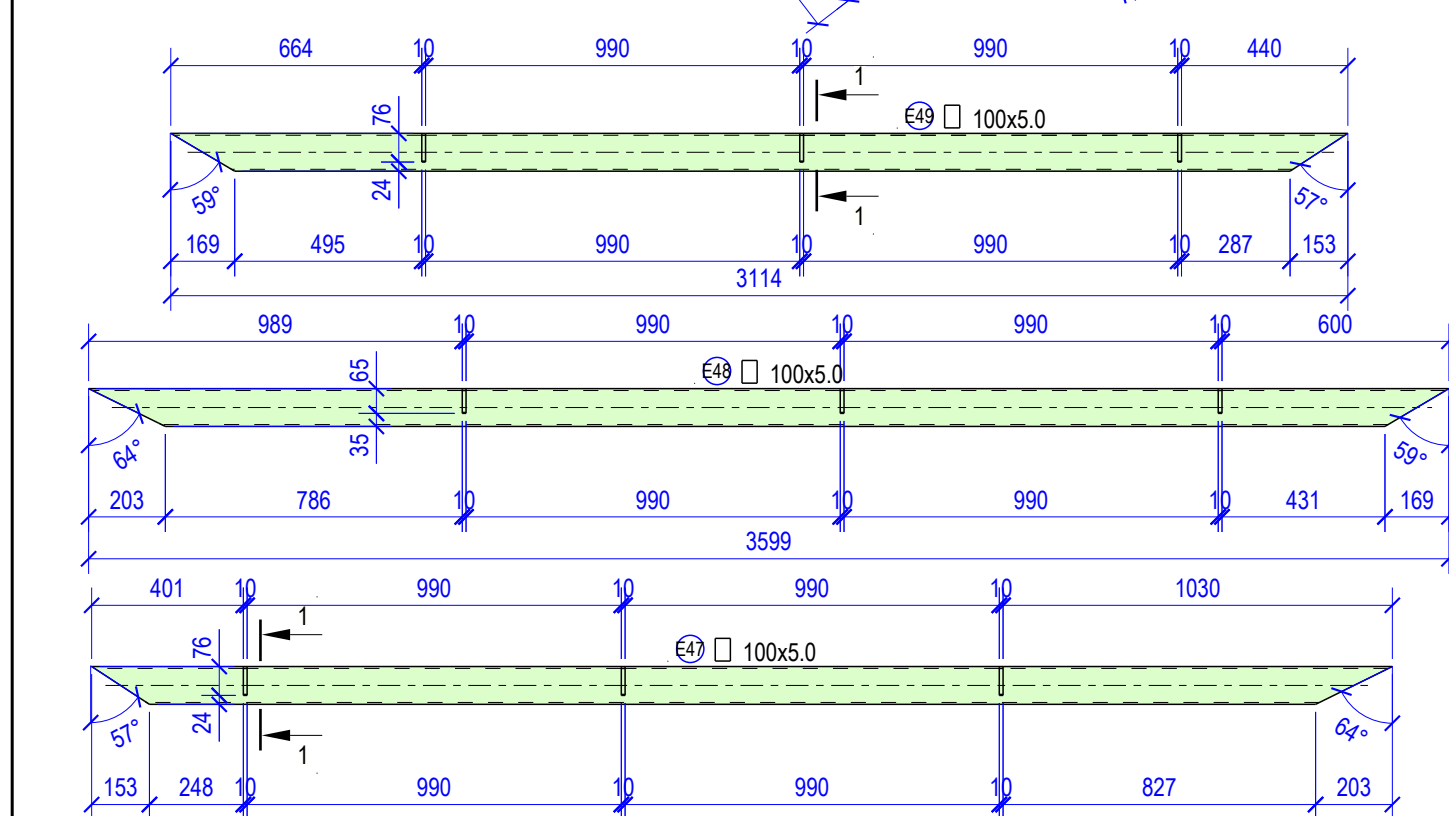
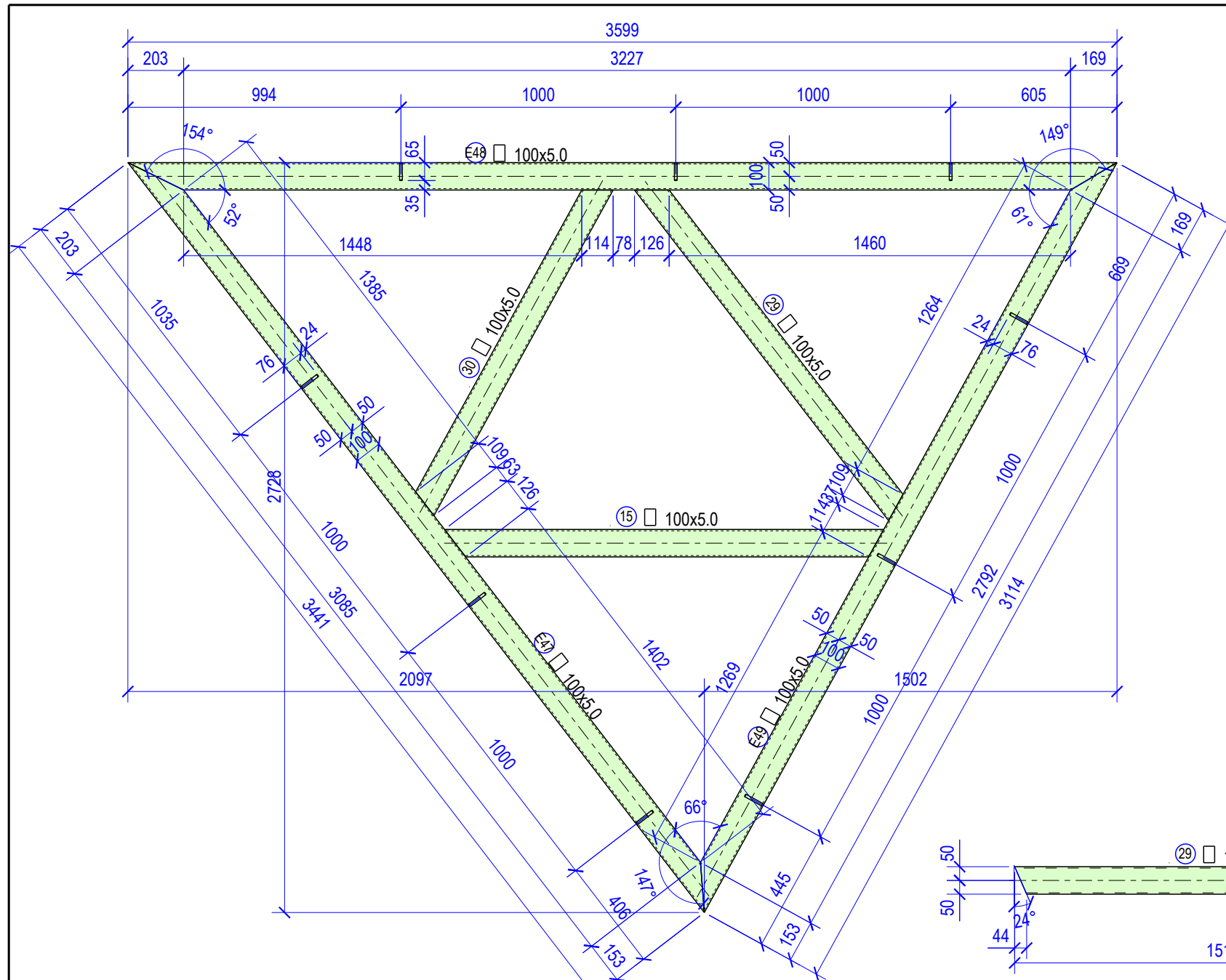
PLAN COMPOZITIONAL



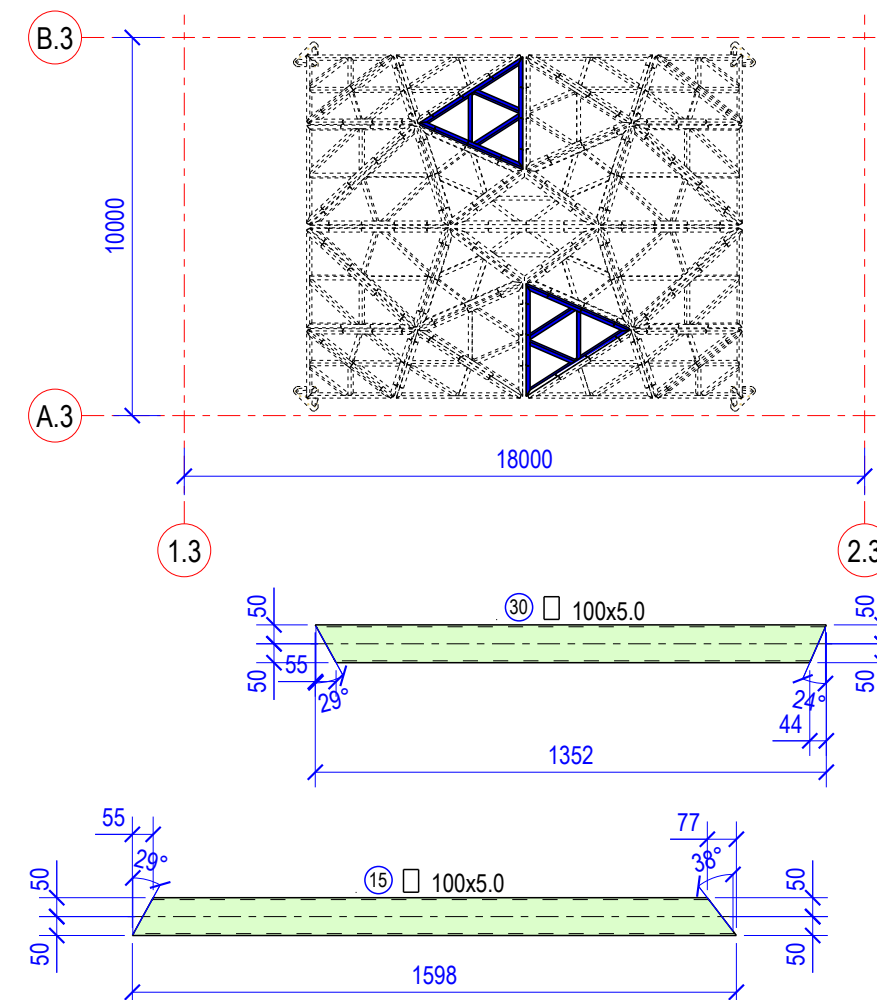
SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.	
CM14		Cadru metalic	2	245.5	490.9	
Elemente de tip bara						
(21)		100x5.0	1560.0 mm	1	22.5	44.9
(25)		100x5.0	1415.0 mm	1	20.4	40.8
(26)		100x5.0	1215.0 mm	1	17.5	35.0
(E36)		100x5.0	2840.0 mm	1	40.9	81.9
(E37)		100x5.0	3520.0 mm	1	50.6	101.3
(E38)		100x5.0	3240.0 mm	1	46.6	93.2
(E39)		100x5.0	315.0 mm	1	4.5	9.0
(E40)		100x5.0	355.0 mm	1	5.1	10.2
(E43)		100x5.0	515.0 mm	1	7.4	14.8
(E44)		100x5.0	455.0 mm	1	6.6	13.2
Elemente de tip placa (m2)						
(M15)	— 6 mm	0.02	2	0.47	0.9	
(M17)	— 10 mm	0.84	2	33.17	45.7	

						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semn	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.					PE	29
Inginer		Moraru D.				Cadru metalic CM14 Elemente	"AKASHI PLUS" S.R.L.	



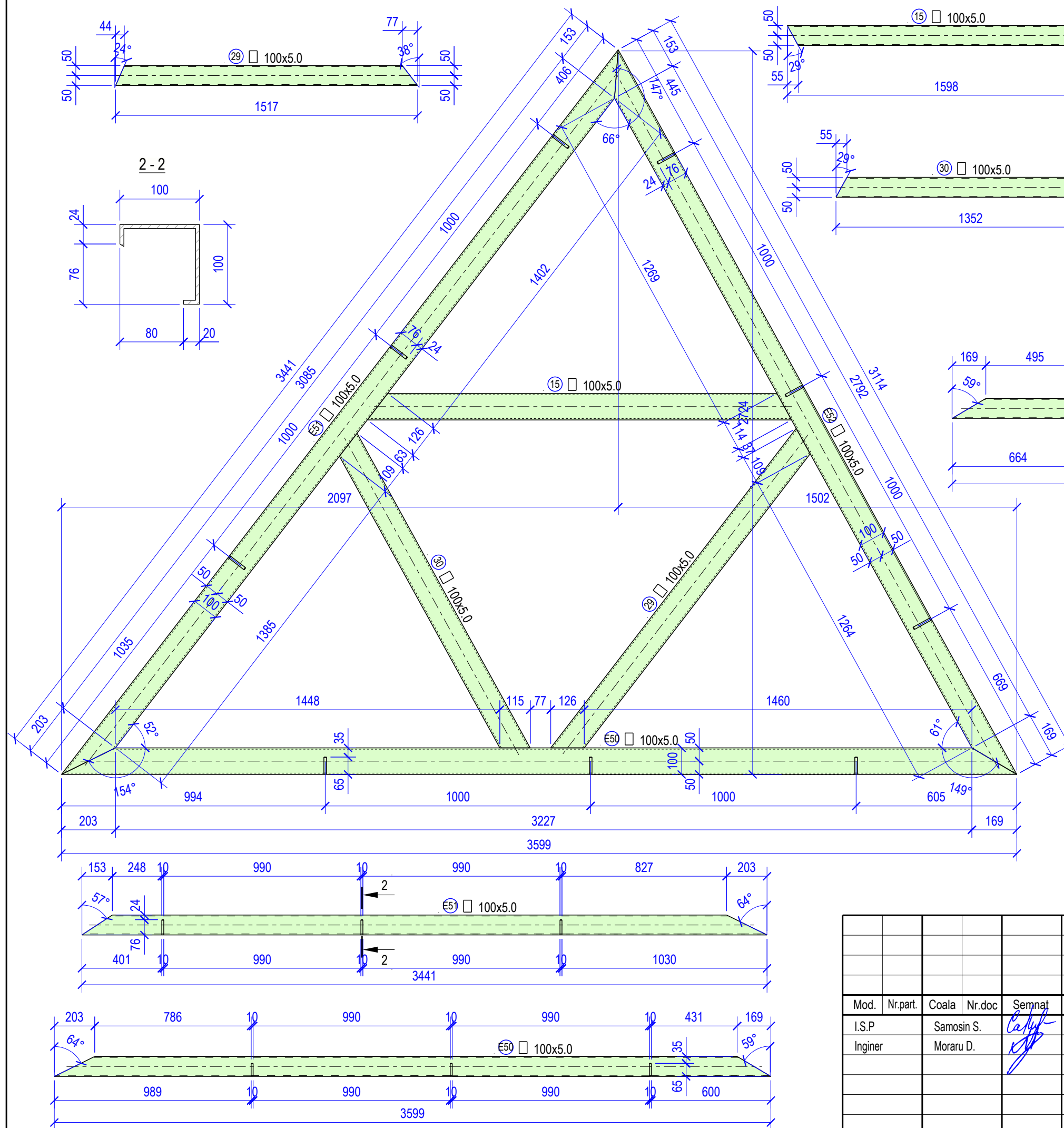
PLAN COMPOZITIONAL



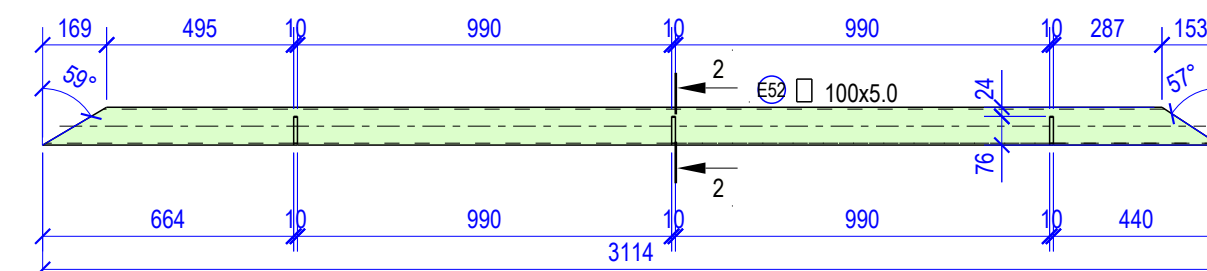
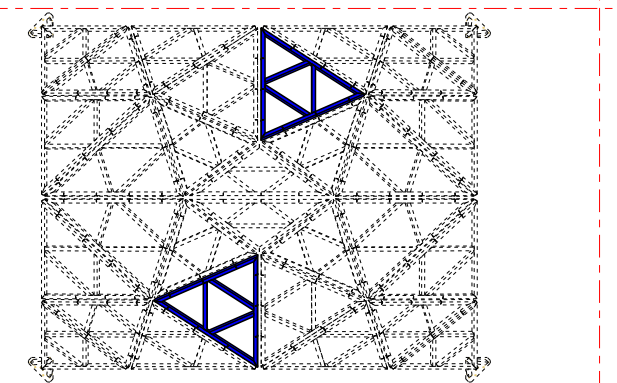
SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa to	
CM15		Cadru metalic	2	210.7	421.5	
Elemente de tip bara						
15		100x5.0	1600.0 mm	1	23.0	46.1
29		100x5.0	1515.0 mm	1	21.9	43.7
30		100x5.0	1350.0 mm	1	19.5	39.0
E47		100x5.0	3440.0 mm	1	49.6	99.2
E48		100x5.0	3600.0 mm	1	51.9	103.7
E49		100x5.0	3115.0 mm	1	44.9	89.8

						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editilare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.					PE	30
Inginer		Moraru D.				Cadru metalic CM15		
							"AKASHI PLUS" S.R.L.	



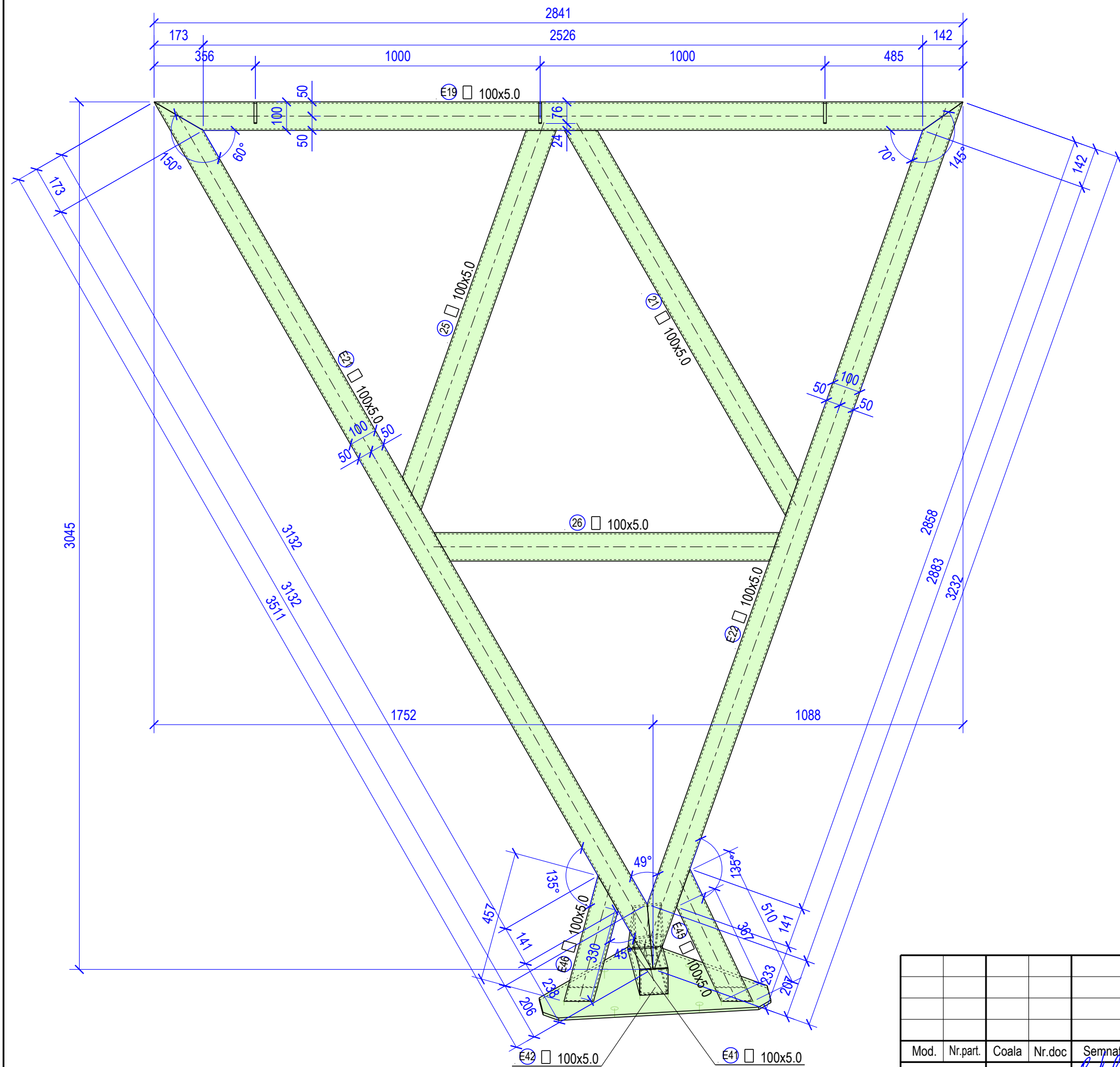
PLAN COMPOZITIONAL



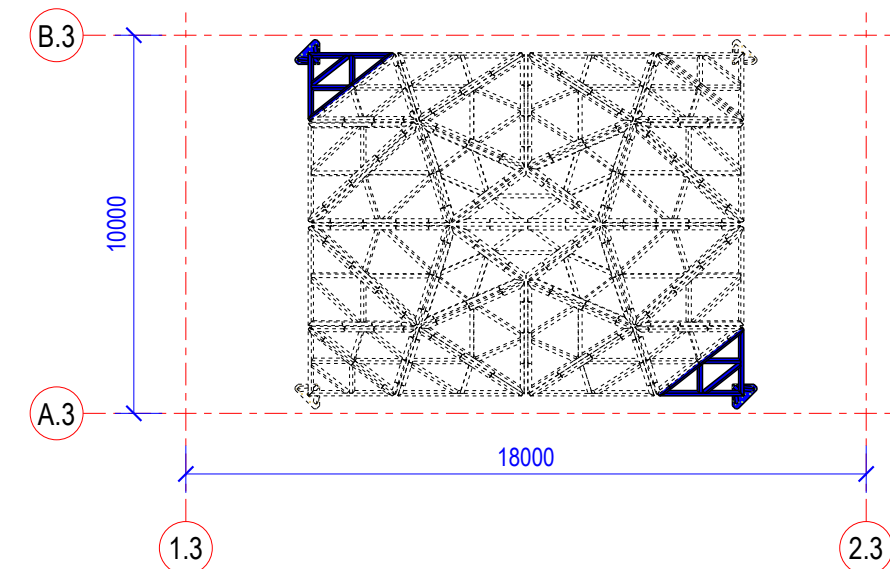
SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa to	
CM16		Cadru metalic	2	210.7	421.5	
Elemente de tip bara						
15	☐	100x5.0	1600.0 mm	1	23.0	46.1
29	☐	100x5.0	1515.0 mm	1	21.9	43.7
30	☐	100x5.0	1350.0 mm	1	19.5	39.0
E50	☐	100x5.0	3600.0 mm	1	51.9	103.7
E51	☐	100x5.0	3440.0 mm	1	49.6	99.2
E52	☐	100x5.0	3115.0 mm	1	44.9	89.8

						44/25 - C		
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317		
Mod.	Nr.part.	Coala	Nr.doc	Semn	Data	Constructie metalica	Faza	Coala
I.S.P		Samosin S.					PE	31
Inginer		Moraru D.				Cadru metalic CM16		
							"AKASHI PLUS" S.R.L.	



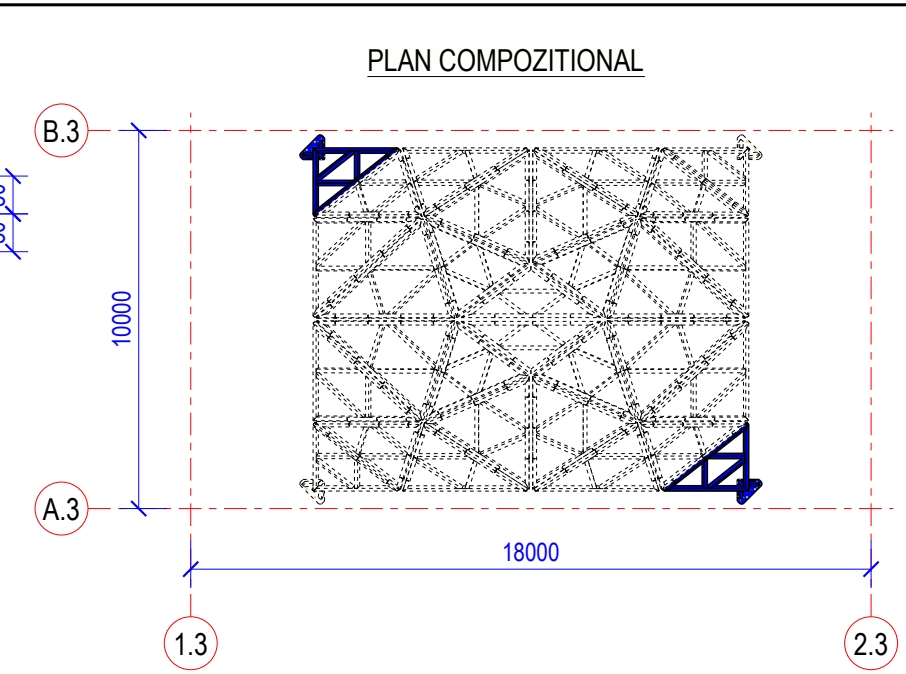
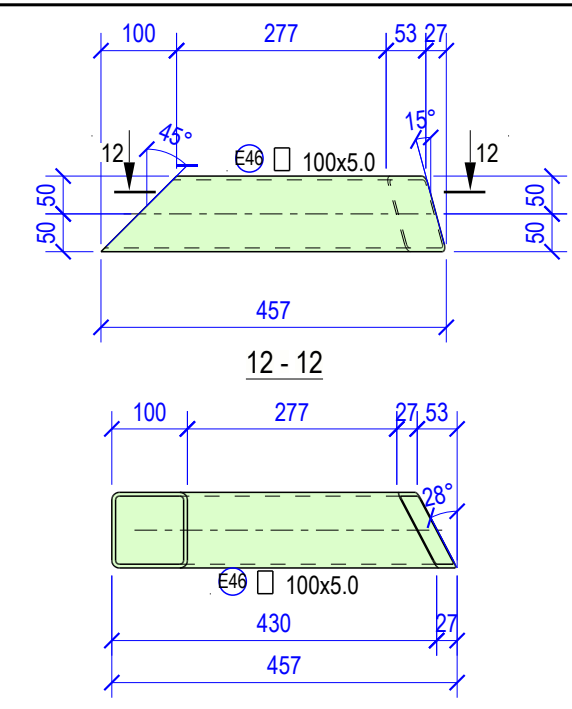
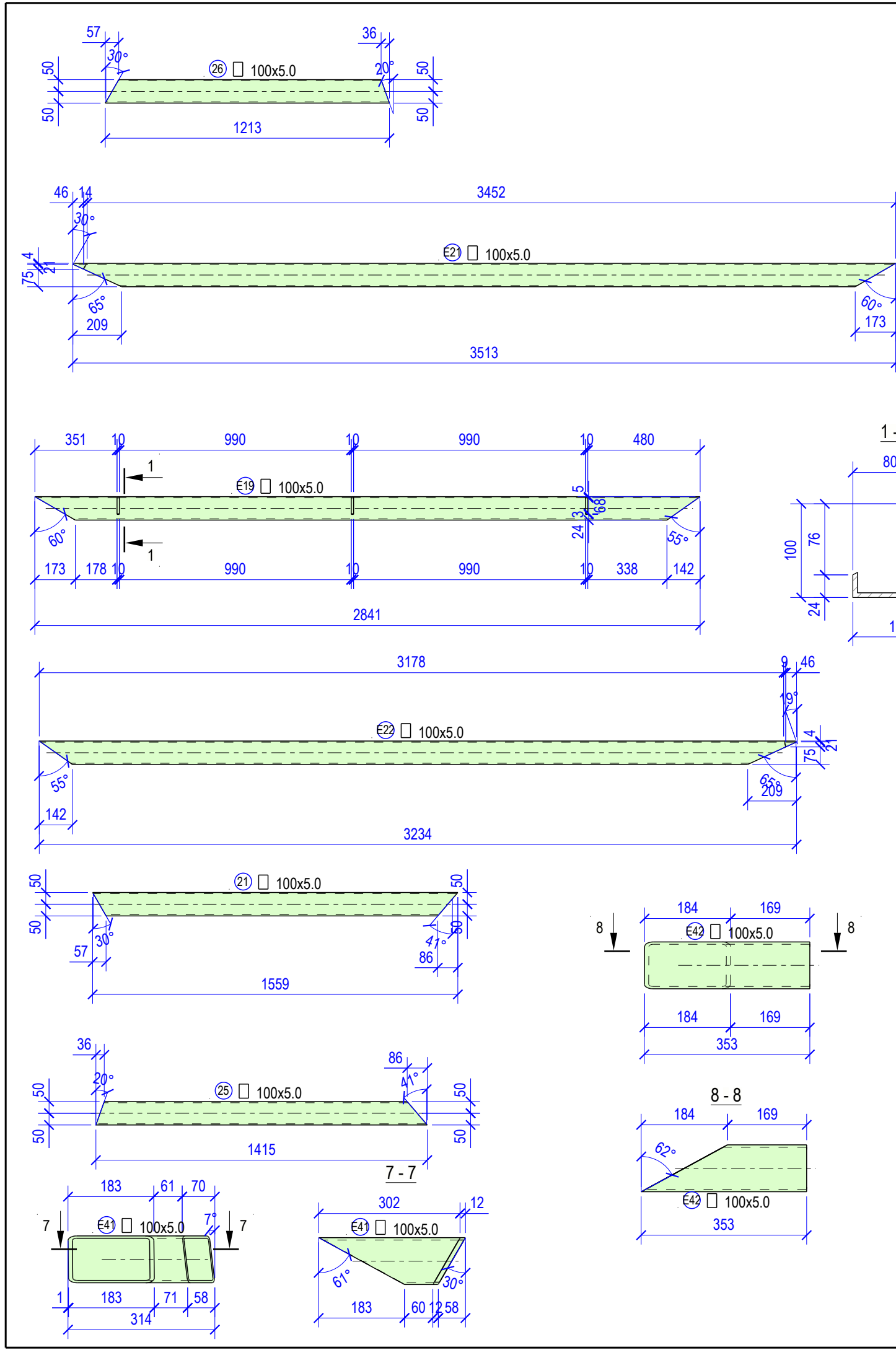
PLAN COMPOZITIONAL



SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.	
CM18		Cadru metalic	2	245.5	490.9	
Elemente de tip bara						
21		100x5.0	1560.0 mm	1	22.5	44.9
25		100x5.0	1415.0 mm	1	20.4	40.8
26		100x5.0	1215.0 mm	1	17.5	35.0
E19		100x5.0	2840.0 mm	1	40.9	81.9
E21		100x5.0	3520.0 mm	1	50.6	101.3
E22		100x5.0	3240.0 mm	1	46.6	93.2
E41		100x5.0	315.0 mm	1	4.5	9.0
E42		100x5.0	355.0 mm	1	5.1	10.2
E45		100x5.0	515.0 mm	1	7.4	14.8
E46		100x5.0	455.0 mm	1	6.6	13.2
Elemente de tip placa (m2)						
M15	— 6 mm	0.02	2	0.47	0.9	
M17	— 10 mm	0.84	2	33.17	45.7	

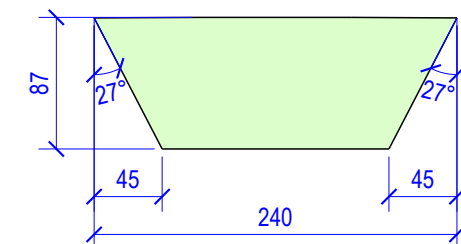
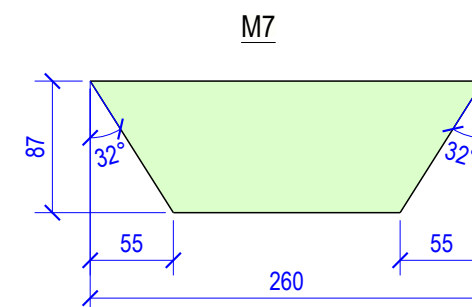
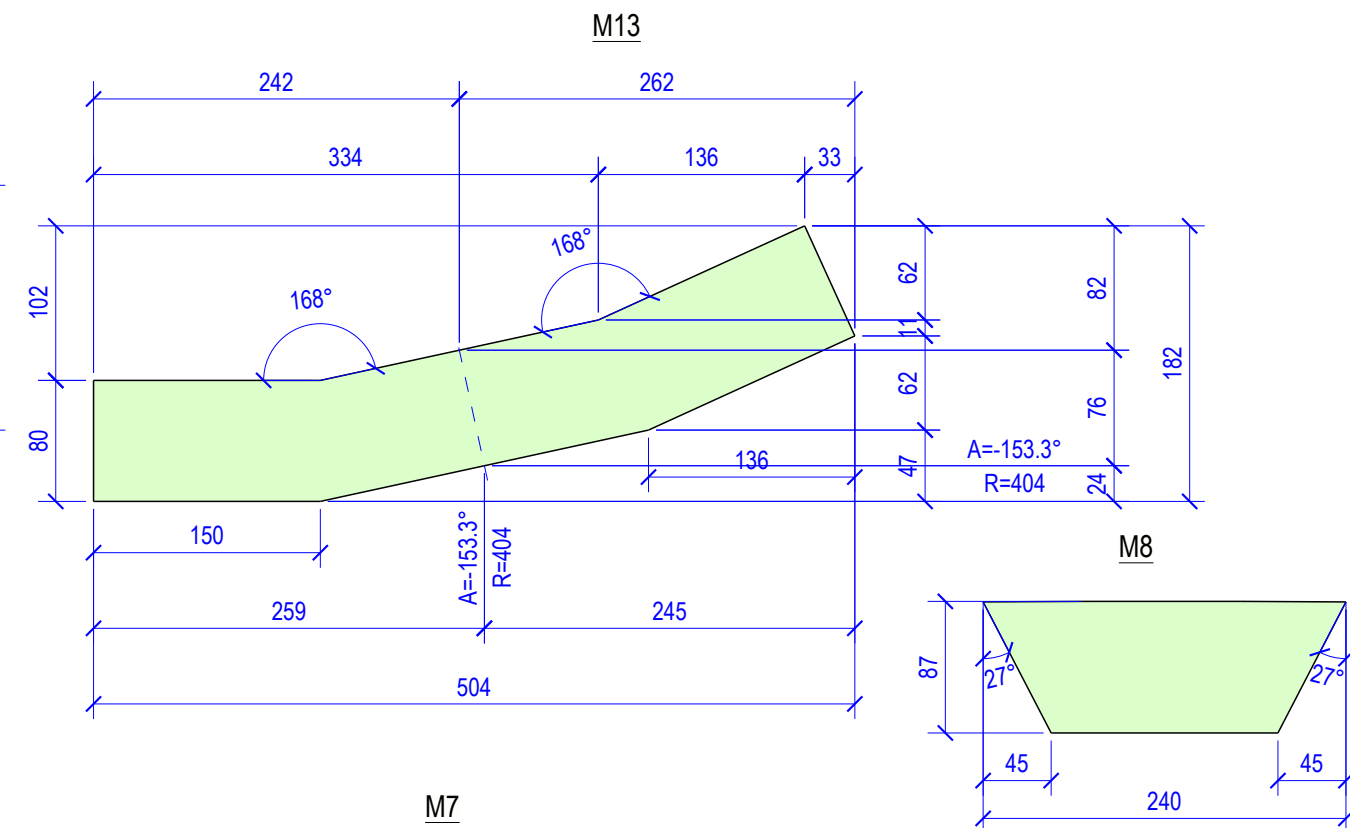
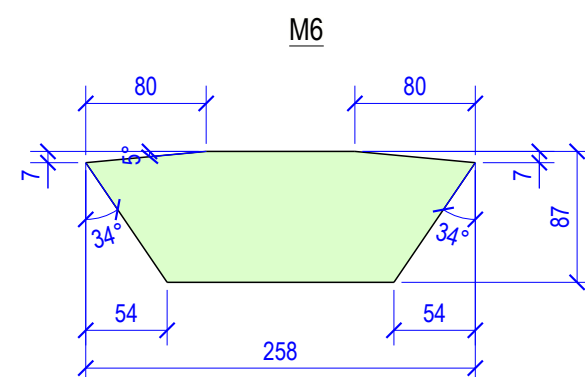
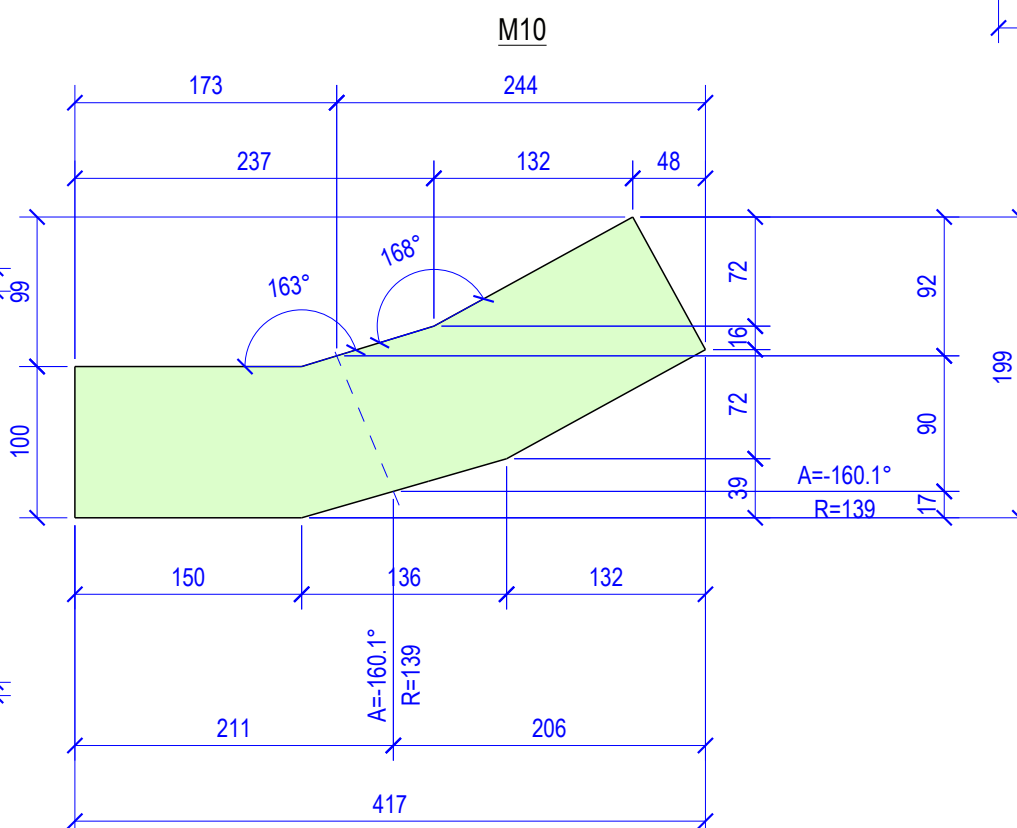
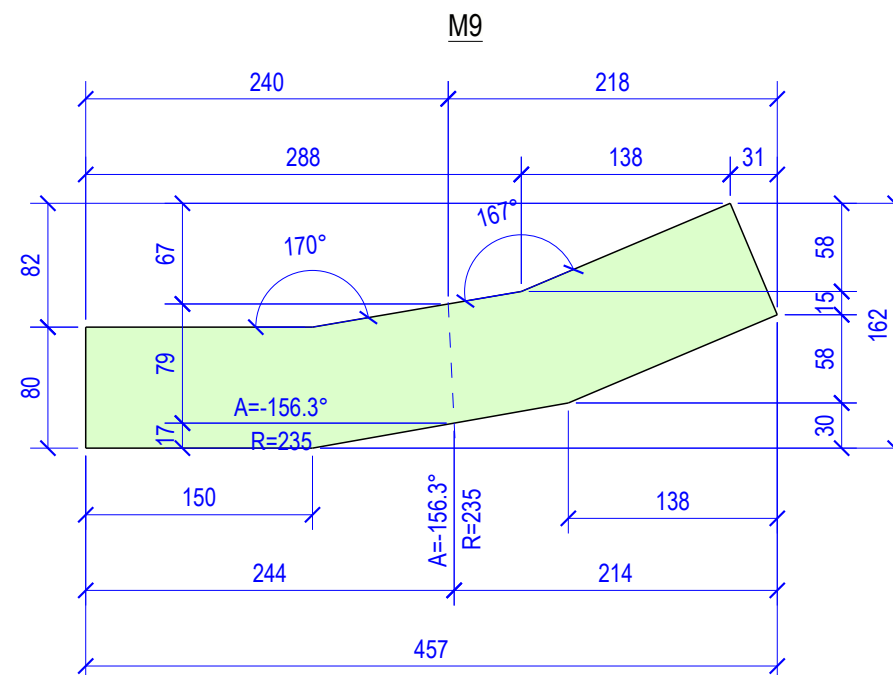
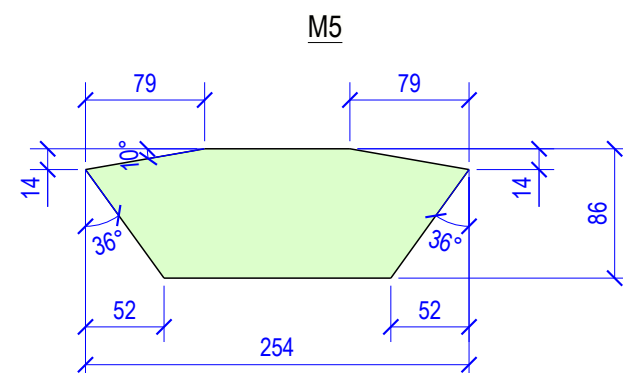
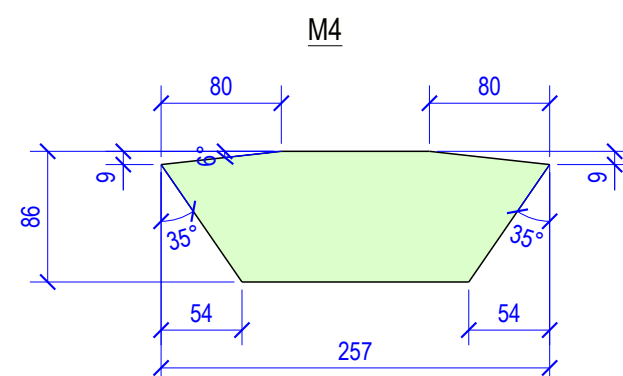
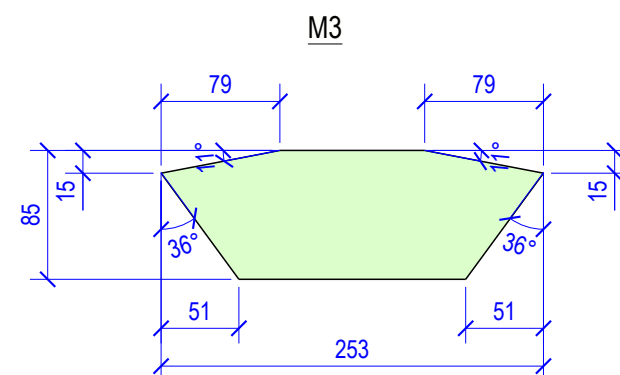
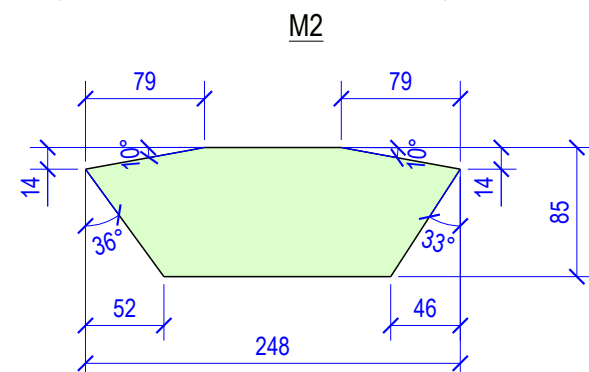
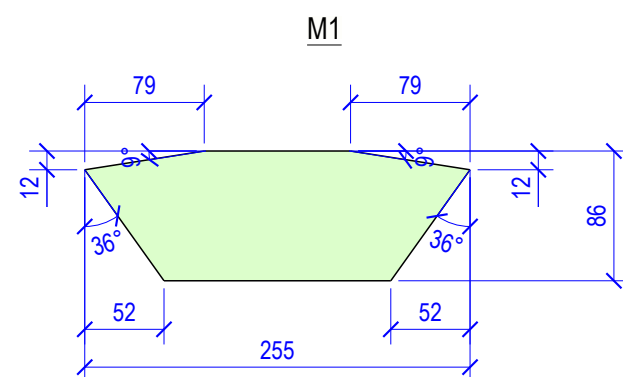
						44/25 - C					
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317					
Mod.	Nr.part.	Coala	Nr.doc	Semnlat	Data	Constructie metalica			Faza	Coala	Coli
I.S.P		Samosin S.							PE	33	32
Inginer		Moraru D.				Cadru metalic CM18			"AKASHI PLUS" S.R.L.		



SPECIFICATIA ELEMENTELOR DIN METAL PE ANSAMBLU

Marca	Poz.	Denumire	Cant. buc.	Masa un. kg	Indicatii Masa tot.	
CM18		Cadru metalic	2	245.5	490.9	
Elemente de tip bara						
21		100x5.0	1560.0 mm	1	22.5	44.9
25		100x5.0	1415.0 mm	1	20.4	40.8
26		100x5.0	1215.0 mm	1	17.5	35.0
E19		100x5.0	2840.0 mm	1	40.9	81.9
E21		100x5.0	3520.0 mm	1	50.6	101.3
E22		100x5.0	3240.0 mm	1	46.6	93.2
E41		100x5.0	315.0 mm	1	4.5	9.0
E42		100x5.0	355.0 mm	1	5.1	10.2
E45		100x5.0	515.0 mm	1	7.4	14.8
E46		100x5.0	455.0 mm	1	6.6	13.2
Elemente de tip placa (m2)						
M15	— 6 mm	0.02	2	0.47	0.9	
M17	— 10 mm	0.84	2	33.17	45.7	

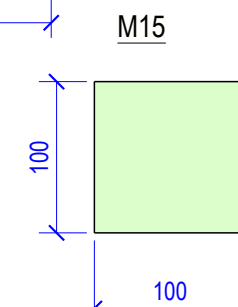
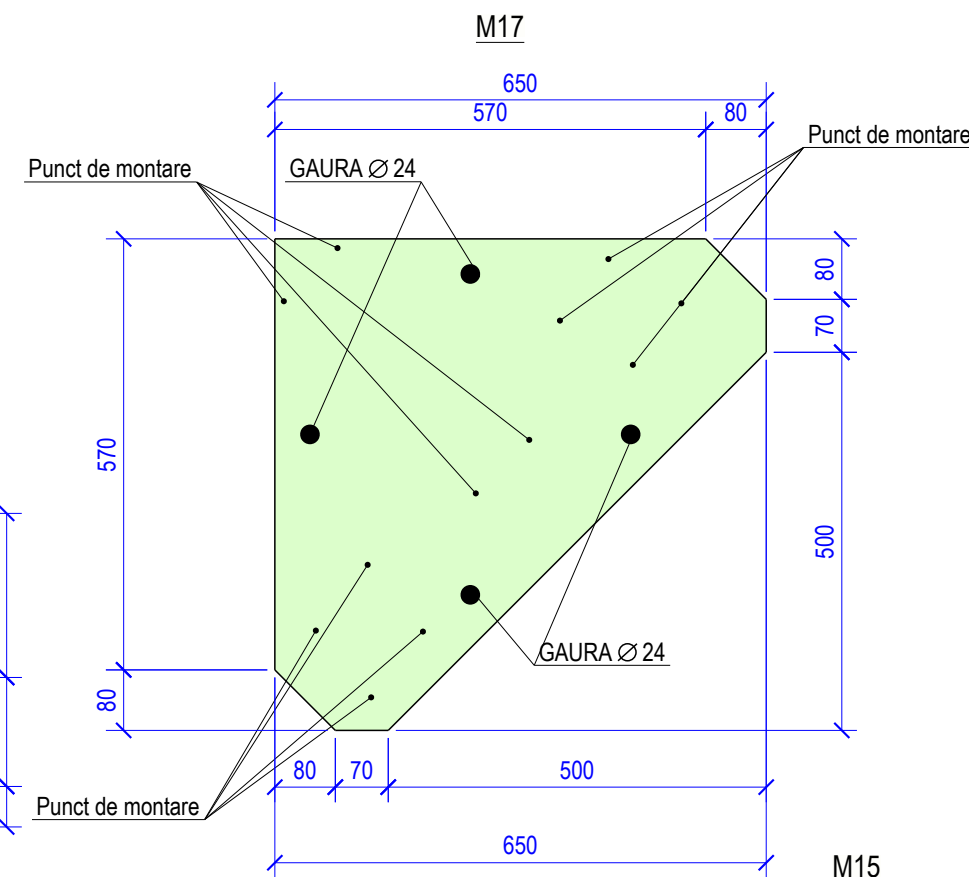
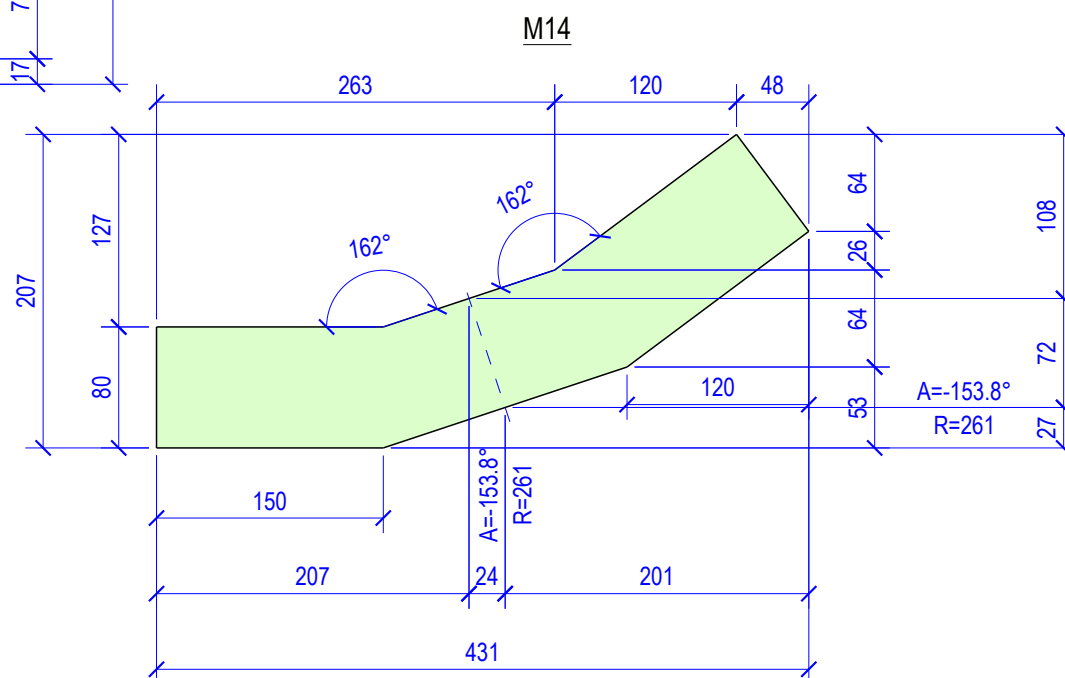
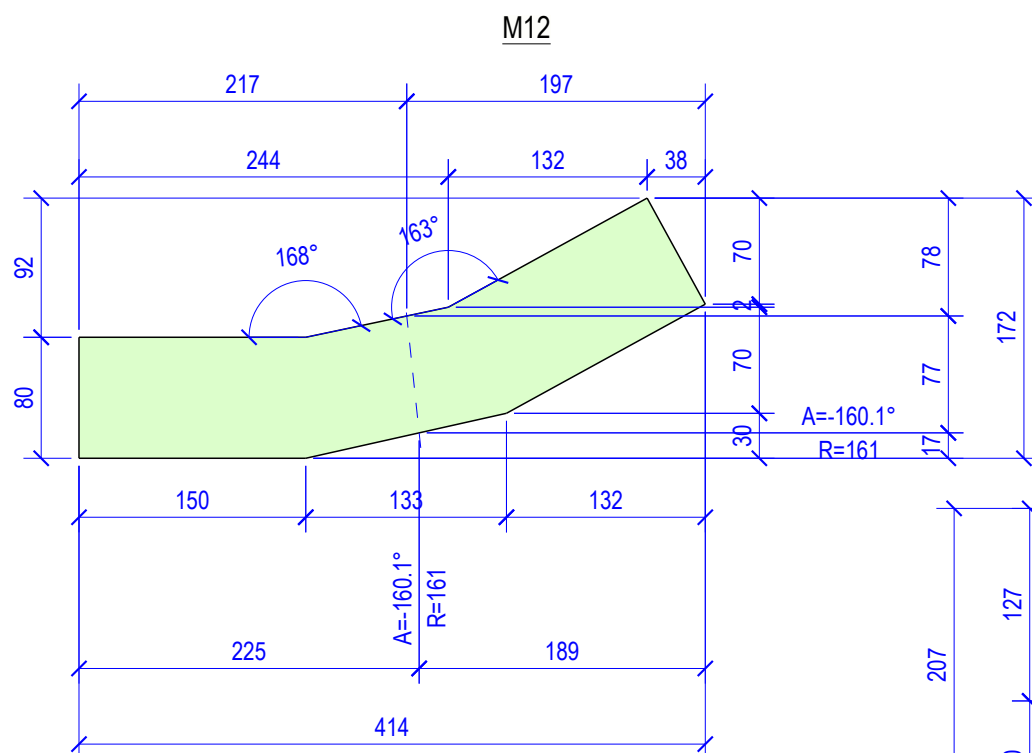
44/25 - C					
Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editilatare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317					
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data
I.S.P		Samosin S.			
Inginer		Moraru D.			
Constructie metalica			Faza	Coala	Coli
			PE	34	32
Cadru metalic CM18 Elemente			"AKASHI PLUS" S.R.L.		



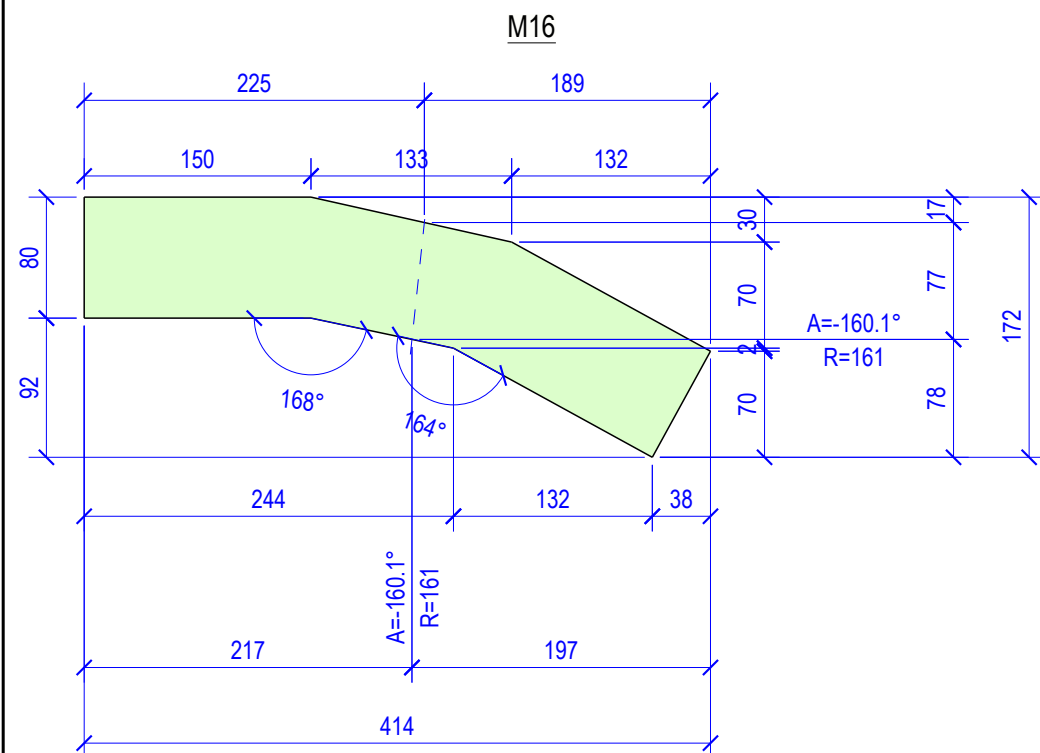
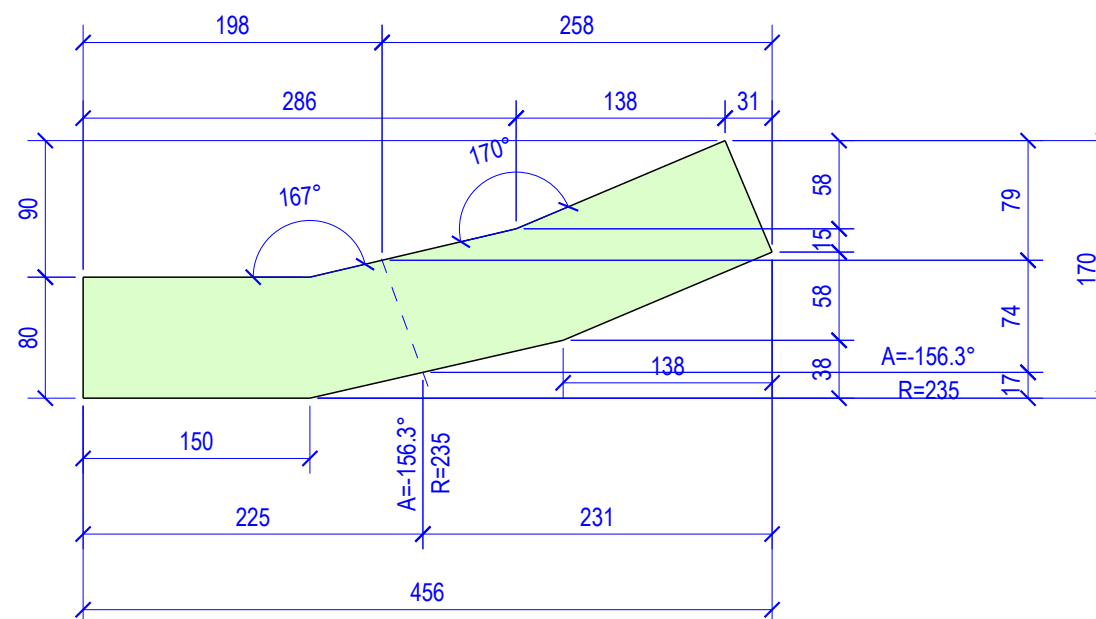
SPECIFICATIE PLACI DE METAL

Nume	Grosimea H mm	Dimensiunea A x B mm	Cant. buc.
M10	6	417x199	1
M9	6	457x162	2
M13	6	504x182	2
M8	10	240x87	6
M2	10	248x85	12
M3	10	253x85	12
M5	10	254x86	8
M1	10	255x86	44
M4	10	257x86	16
M6	10	258x87	12
M7	10	260x87	3

						44/25 - C			
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii edilitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317			
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data		Faza	Coala	Coli
I.S.P		Samosin S.				Constructie metalica	PE	35	32
Inginer		Moraru D.							
						Specificatie placi	"AKASHI PLUS" S.R.L.		



M11



SPECIFICATIE PLACI DE METAL

Nume	Grosimea H mm	Dimensiunea A x B mm	Cant. buc.
M15	6	100x100	4
M16	6	414x172	1
M12	6	414x172	2
M14	6	431x207	2
M11	6	456x170	2
M17	10	650x650	4

						44/25 - C			
						Lucrari de amenajare constructie-montaj a scenei, amenajarea teritoriului, alei zone verzi, mobilier urban, retele si instalatii editalitare in cadrul proiectului de modernizare a Centrului Municipiului Ungheni sit. in mun.Ungheni, sec. Centru, str. Nationala cu nr. cad.9201108.317			
Mod.	Nr.part.	Coala	Nr.doc	Semnat	Data	Constructie metalica	Faza	Coala	Coli
I.S.P		Samosin S.					PE	36	32
Inginer		Moraru D.				Specificatie placi	"AKASHI PLUS" S.R.L.		