

N. inv. original	
Stmatura data	
In schimb. nr.	

Date generale:

Proiectul de executie este elaborat in baza Certificatului de urbanism nr. 82 din 30 octombrie 2023 , solutiilor arhitecturale, normativelor corespunzatoare in vigoare si a calculului ingineresti.

1.Terenul repartizat pentru constructie se caracterizeaza prin urmatoorii parametri fizici:

- temperatura aerului a celor mai reci 5 zile ale anului -20 °C;
- adancimea de inghet la sprafata terenului 0.80m;
- presiunea dinamica a vintului 90 kgf/m²;
- sarcina normativa a zapezii 150 kgf/m²;
- gradul de seismicitate a zonei de constructie - 7 grade;
- seismicitatea de calcul a cladirii - 8 grade.

Sunt luate in calcul urmatoarele caractersistici de proiect:

- clasa dupa pericolul de incendiu functional a cladirii -F 3.6;
- gradul de rezistenta la foc -III;
- durata de existenta- ≥50 ani;

Prospectiunile geotehnice au fost executate de SOILTECH SERVICE SRL in anul 2023.

In calitate de strat portant pentru fundatii a fost adoptat stratul I - argile nisipoase sensibile la umezire vartoase cu urmatoarele caracteristici normative in stare naturala:

- φⁿ - 25°;
- Cⁿ - 23 kPa;
- E - 17 MPa;
- e - 0,713;
- R₀ - 315 kPa

Apele freatice pe adancimea forata nu au fost depistate.

2.Lista lucrarilor care devin ascunse supuse verificarii de catre proiectant (conform CPA.08.01-96):

- executarea gropii de fundatie;
- executarea pernei din argila nisipoasa sub fundatii;
- executarea umpluturii din argila- nisipoasa sub pereti, scari;
- instalarea cofrajului;
- armarea constructiilor;
- instalarea sistemelor de ancore cu control geodezic;
- betonarea constructiilor;
- executarea umpluturii sub pardoseli din argila-nisipoasa;
- umplerea taluzurilor.

Proiectul este elaborat conform normelor si regulilor in vigoare, si asigura exigentele esentiale a calitatii constructiilor reglamenteate prin Legea Nr. 721 cu privire la calitate in constructii:

- A - rezistenta si stabilitate;
- B - siguranta in exploatare;
- C - siguranta la foc;
- D - igiena, sanatatea oamenilor, refacerea si protectia mediului inconjurator;
- E - izolatia termica, hidrofuga si economie de energie;
- F - protectie impotriva zgomotului;
- G - utilizare sustenabila a resurselor naturale.

Arhitect Sef Proiect
Inginer Sef Proiect

/Rusnac R./
/Orlic A./

2. Constructii din beton armat:

- constructiile din beton armat sunt proiectate conform NCM F.02.02-2006 si CP F.01.02-2008;
- constructiile din beton armat sunt reprezentate prin fundatii de adancime mica, pereti, stalpi, grinzi, plansee si diafragme;
- fundatiile sunt proiectate din beton C16/20;
- suprastructura este proiectata din beton C20/25;
- stratul de egalizare sub fundatii C8/10.

3. Cerinte pentru ancore de fundatie:

- ancorele de fundatie sunt executate din profil cu sectiunea rotunda plina conform ΓOCT 2590-88;
- momentul maxim de rasucire a piulitelor ancorelor de fundatie - 5.5tn*cm=55kg*m=550N*m;
- dupa alinierea constructiei piulitele ancorelor de fundatie sunt fixate cu piulite de blocare.

4. Zidarie:

- lucrarile de zidarie se executa in conformitatea cu NCM F.03.03-2004 "Executarea si receptia lucrarilor de zidarie";
- zidaria de umplutura de alcatuit din caramizi pline cu dimensiuni: 250x120x65 mm si din blocuri BCA (ρ=600 kg/m³)- 600x200x250 mm;
- grosimea zidariei din caramida 250 mm - un rand de caramizi in lung si unul in lat.
- elemente de confinare a zidariei (stalpi, centuri) de executat din beton C20/25.

ASP CERTIFICAT DE PROIECTARE Seria 2020-P Nr.0499 din 19.02.2020

ISP CERTIFICAT DE PROIECTARE Seria 2020-P Nr.0653 din 11.11.2020

CERTIFICAT DE URBANISM PENTRU PROIECTARE Nr.82 din 30.10.2023

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data					
Manager		Ghimisli I.			02/23	Bloc sportiv		Faza	Plansa	Planse
ISP		Orlic A.			02/23			PE	1	
Inginer		Velesco A.			02/23	Date generale		PROJECT 345		

N. inv. original	
Stmnatuura data	
In schimb. nr.	

Evidenta desenelor de executie

Plansa	Denumirea	Nota
1	Date generale	
2	Evidenta desenelor de executie (inceput)	
3	Evidenta desenelor de executie (sfarsit)	
4	Schema de executare a gropii de fundatie (etapa I)	
5	Schema de executare a gropii de fundatie (etapa II)	
6	Sectiune geologica	
7	Schema de amplasare a fundatiilor	
8	Borderou de consum otel	
9	Sectiunile 1-1, 2-2	
10	Sectiunile 3-3, 4-4	
11	Sectiunile 5-5, 6-6	
12	Fm1	
13	Fm2	
14	Fm3	
15	Pm1	
16	Fc1	
17	Sectiunile 1-1, 2-2, 3-3	
18	Fragment A, B	
19	Fragment C	
20	Specificatia la schema de armare Fc1	
21	Borderou detalii Fc1	
22	Pm2	
23	Schema de amplasare a pieselor inglobate in Pm2	
24	Specificatia la schema de armare Pm2	
25	Sc1	
26	Schema de armare Sc1	
27	Specificatia la schema de armare Sc1	
28	Sc2	
29	Schema de armare Sc2	
30	Specificatia la schema de armare Sc2	
31	Pn1	
32	Specificatia la schema de armare Pn1	

Evidenta desenelor de executie

Plansa	Denumirea	Nota
33	Schema de amplasare a sistemelor de ancore	
34	Sistem de ancore SA1	
35	Sistem de ancore SA2	
36	Sistem de ancore SA3	
37	Schema de amplasare a coloanelor din beton armat	
38	Sectiunea 1-1 (armarea coloanelor)	
39	Sectiunea 2-2 (armarea coloanelor)	
40	Sectiunea 3-3 (armarea coloanelor)	
41	Sectiunea 4-4 (armarea coloanelor)	
42	Sectiunea 5-5 (armarea coloanelor)	
43	Sectiunea 6-6 (armarea coloanelor)	
44	Sectiunea 7-7 (armarea coloanelor)	
45	Sectiunea 8-8 (armarea coloanelor)	
46	Specificatia la schema de armare a coloanelor	
47	Schema de amplasare a grinzilor la cota +1.790/+3.570	
48	Schema de amplasare a grinzilor la cota +5.420/+7.200	
49	Sectiunea 1-1 (armarea grinzilor)	
50	Sectiunea 2-2 (armarea grinzilor)	
51	Sectiunea 3-3 (armarea grinzilor)	
52	Sectiunea 4-4 (armarea grinzilor)	
53	Sectiunea 5-5 (armarea grinzilor)	
54	Sectiunea 6-6 (armarea grinzilor)	
55	Sectiunea 7-7 (armarea grinzilor)	
56	Sectiunea 8-8 (armarea grinzilor)	
57	Sectiunea 9-9 (armarea grinzilor)	

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data			
Manager	Ghimisli I.				02/23	Bloc sportiv	Faza	Plansa
ISP	Orlic A.				02/23		PE	2
Inginer	Velesco A.				02/23			
						Evidenta desenelor de executie (inceput)		PROJECT 345

N. inv. original	Stmatura data	In schimb. nr.

Evidenta desenelor de executie

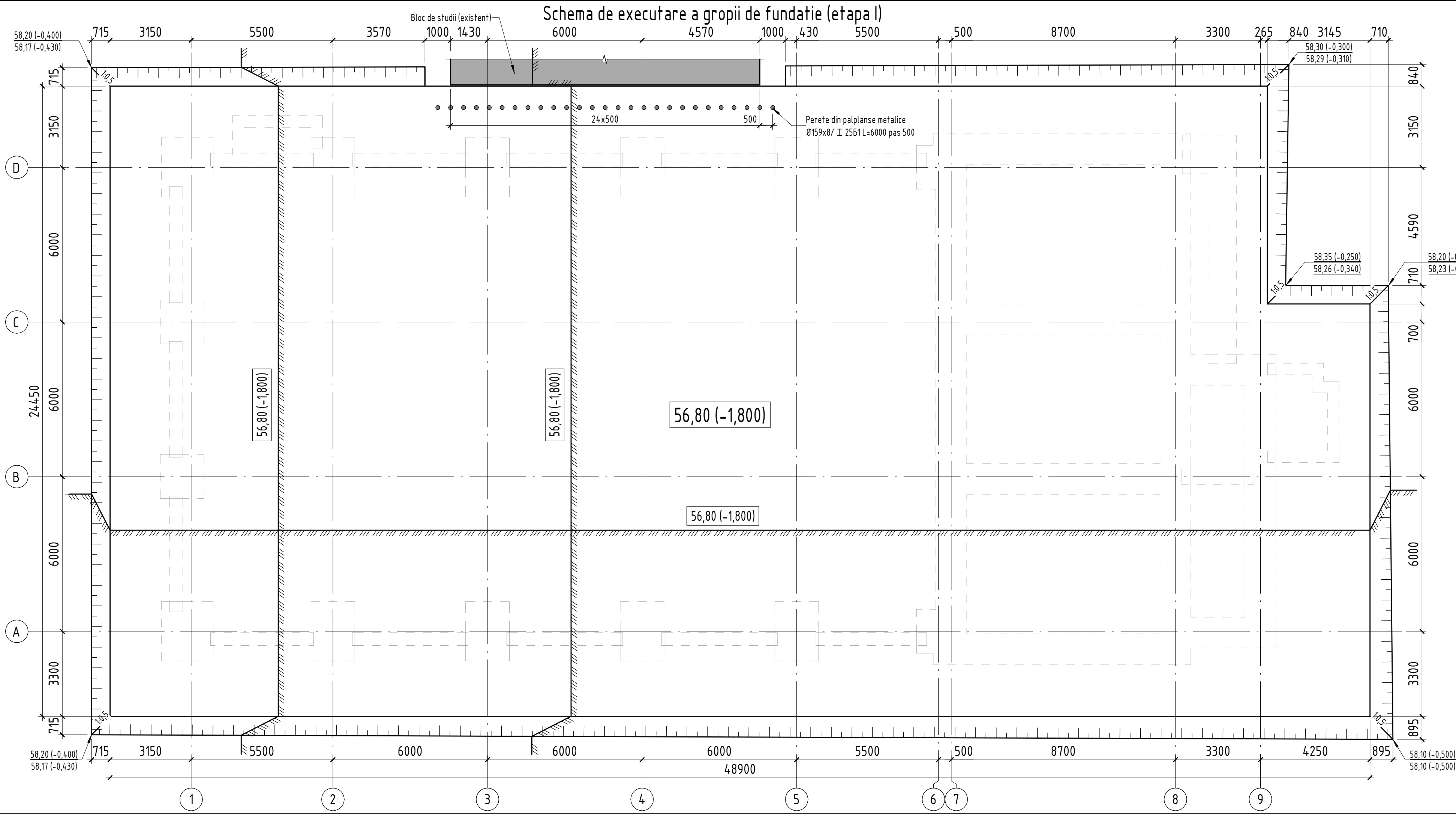
Plansa	Denumirea	Nota
58	Specificatia la schema de armare a grinzilor (inceput)	
59	Specificatia la schema de armare a grinzilor (sfatsit)	
60	Schema de executie a planseului la cota +3.570	
61	Schema de armare a a planseului la cota +3.570 (armare inferioara)	
62	Schema de armare a a planseului la cota +3.570 (armare superioara)	
63	Schema de armare a planseului la cota +3.570 (bare de consolidare)	
64	Specificatia la schema de armare a planseului la cota +3.570	
65	Schema de executie a planseului la cota +7.200	
66	Schema de armare a a planseului la cota +7.200 (armare inferioara)	
67	Schema de armare a a planseului la cota +7.200 (armare superioara)	
68	Schema de armare a planseului la cota +7.200 (bare de consolidare)	
69	Specificatia la schema de armare a planseului la cota +7.200	
70	Schema de executie a planseului la cota +7.700	
71	Schema de armare aplanseului la cota +7.700	
72	Schema de armare a planseului la cota +7.700 (bare de consolidare)	
73	Specificatia la schema de armare a planseului la cota +7.700	
74	Schema de executie a planseului la cota +9.980	
75	Schema de armare a a planseului la cota +9.980	
76	Schema de executie a planseului la cota +10.340	
77	Schema de armare aplanseului la cota +10.340	
78	Schema de armare a planseului la cota +10.340 (bare de consolidare)	
79	Schema de amplasare a peretilor din beton armat	
80	Sectiunea 1-1 (armarea peretilor)	
81	Specificatia la schema de armare a peretilor. Sectiunile c-c, d-d	
82	Sectiunea 2-2 (armarea peretilor)	
83	Sectiunile c-c, d-d	
84	Sectiunea 3-3 (armarea peretilor)	
85	Schema de amplasare a scarii din beton armat	
86	Specificatia la schema de armare a scarii	
87	Schema de armare a scarii, sectiunea A-A, B-B	
88	Schema de amplasare a parapetului la cota +7.200	
89	Specificatia la schema de armare a parapetului	

Evidenta desenelor de executie

Plansa	Denumirea	Nota
90	Schema de amplasare a incaperilor tehnice la cota +7.200	
91	Sectiunea 1-1 (armarea incaperilor tehnici)	
92	Sectiunea 2-2 (armarea incaperilor tehnici)	
93	Sectiunea 3-3 (armarea incaperilor tehnici)	
94	Sectiunea 4-4 (armarea incaperilor tehnici)	
95	Sectiunea 5-5 (armarea incaperilor tehnici)	
96	Sectiunea 6-6 (armarea incaperilor tehnici)	
97	Specificatia la schema de armare a Incaperilor tehnice	

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data				
Manager	Ghimisli I.				02/23	Bloc sportiv	Faza	Plansa	Planse
ISP	Orlic A.				02/23		PE	3	
Inginer	Velesco A.				02/23	Evidenta desenelor de executie (sfarsit)		PROJECT 345	

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Nota:

De indeplinit lucrarile in urmatoarele etape :

- defrisarea stratului fertil si indepartarea stratului existent de asfalt/pavaj;
- saparea gropii de fundatie pina la cota 56,80 (-1,800);
- construirea in exteriorul blocului de studii (existent) peretelui din palplanse metalice din teava rotunda Ø159x8 ori din sectiunea dublu T I 2551 L=6000 cu pasul de 500mm, astfel blocul existent va fi izolat fata de groapa de fundatie;
- saparea gropii de fundatie pina la cota 55,40 (-3,200);
- compactarea fundului gropii de fundatie cu cilindrul compactor;
- executarea pernei din argila nisipoasa sub fundatii cu compactare strat dupa strat (in straturi 15-20 cm) cu cilindrul compactor (fara vibratii) prin trecerea pe o cale de mai multe ori pina la atingerea greutatii volumetrice minime a solului de 1,7 g/cm3 in stare uscata. Numarul de treceri se stabileste efectuind teste de laborator cu o serie de masuratori de densitate pentru a evalua uniformitatea compactarii. Umiditatea optima de compactare recomandata este egala cu umiditatea la limita de plasticitate W_{PL} . Umplerea fiecarui strat ulterior trebuie efectuata numai dupa verificarea calitatii compactarii si obtinerea greutatii volumetrice minime de 1,7 g/cm3 pentru stratul anterior. Coeficientul de umplutura $K_{umpl}=0,95$. Grosimea pernei este adoptata 1400mm;
- Daca la executarea gropii vor fi intilnite soluri vegetale sau roci de umplutura, este necesar ca acestea sa fie inlaturate pe toata grosimea lor + 200 mm si inlocuite cu roci omogene (argile nisipoase) compactate pina la greutatea volumetrica minime de 1,65 g/cm3 in stare uscata.
- executarea stratului egalizator din beton C8/10 cu inaltimea si extinderea pe perimetru de 100mm;
- executarea fundatiilor din beton C16/20;
- umplerea taluzurilor pina la cotele rosii (sunt indicate pe schema de executare a gropii de fundatie) si executarea umpluturii sub pardoseli din argile nisipoase, cu compactare strat dupa strat pina la atingerea greutatii volumetrice minime de 1,65 g/cm3 in stare uscata.

Inainte de executare a fundatiilor este necesar:

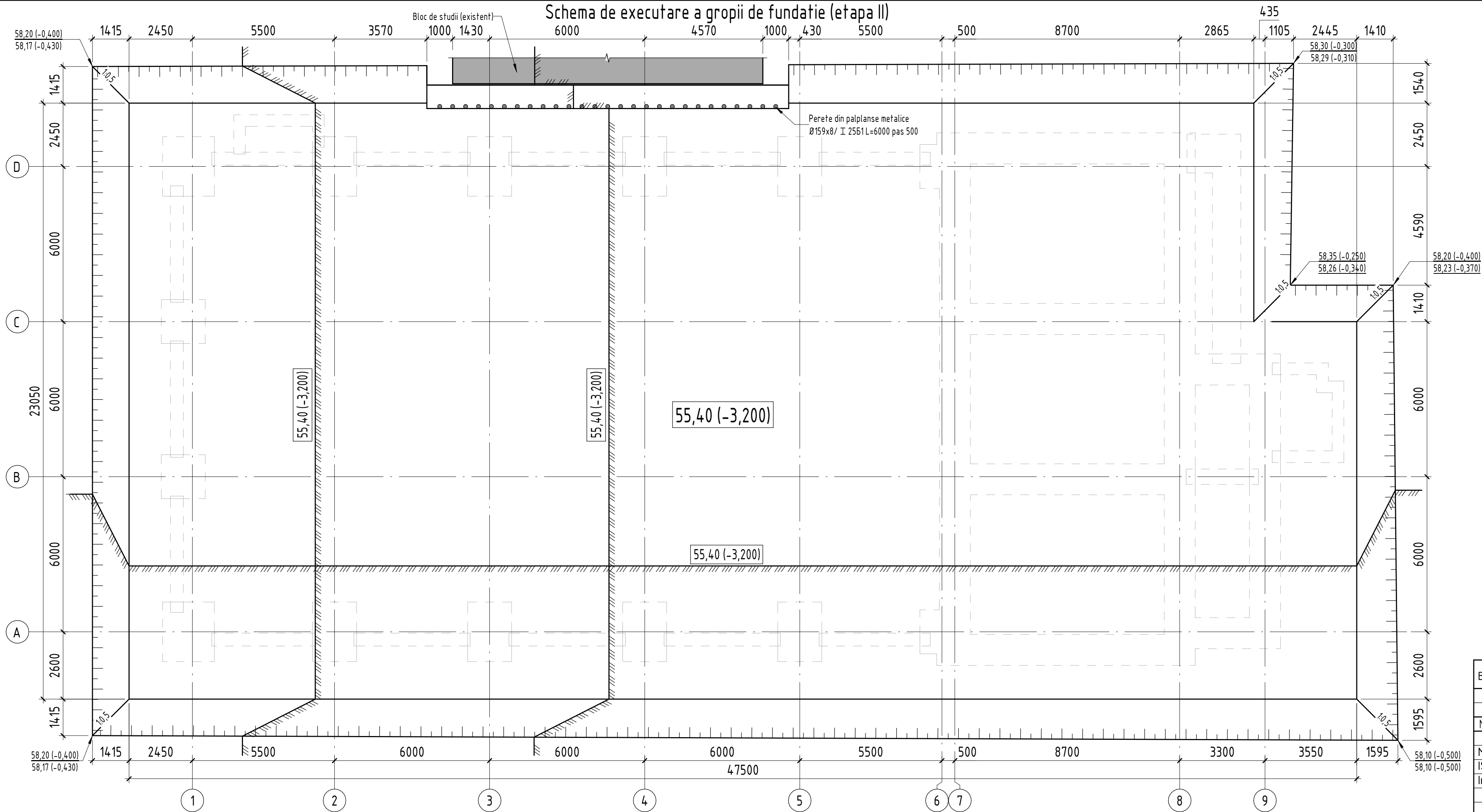
- de prevazut masuri de evacuare a apelor;
- dupa necesitate de luat masuri pentru a asigura stabilitatea taluzurilor;

Pe schema de executare a gropii de fundatie in colturi sunt indicate:

- la numarator-cota din proiect (cota rosie) ;
- la numitor- cota absoluta a pamantului existent.

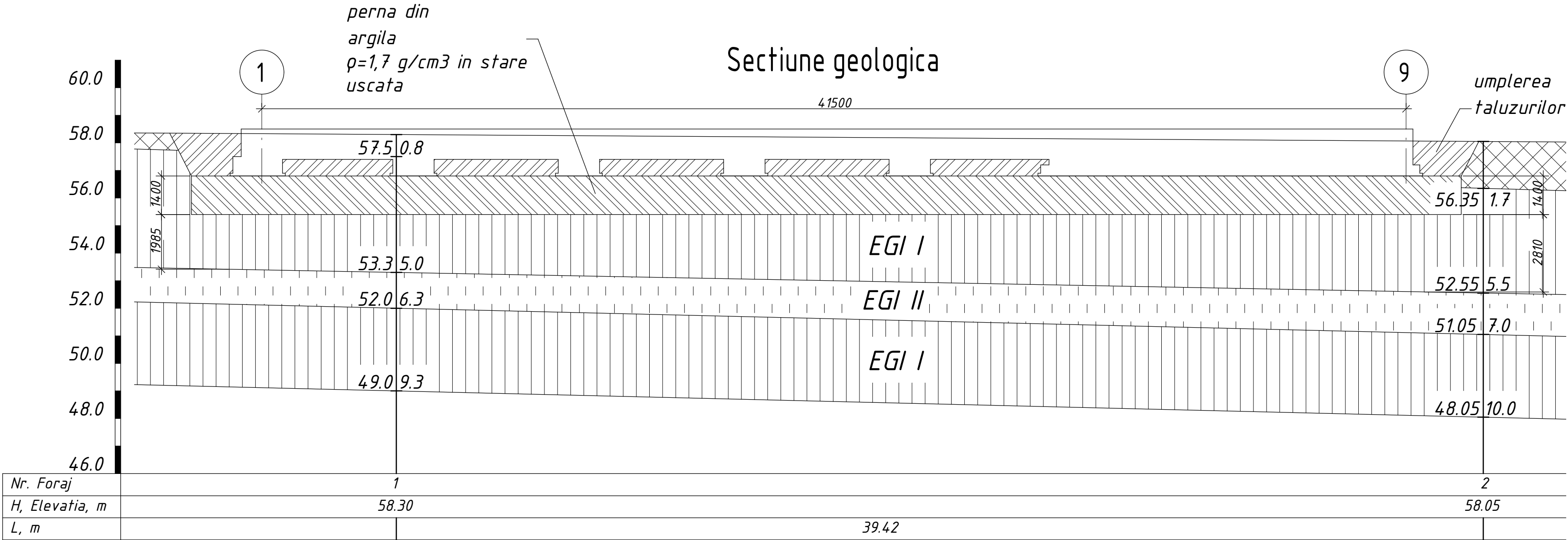
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data			Faza	Plansa	Planse
Manager	Ghimisli I.				02/23	Bloc sportiv		PE	4	
ISP	Orlic A.				02/23					
Inginer	Velesco A.				02/23	Schema de executare a gropii de fundatie (etapa I)		PROJECT 345		

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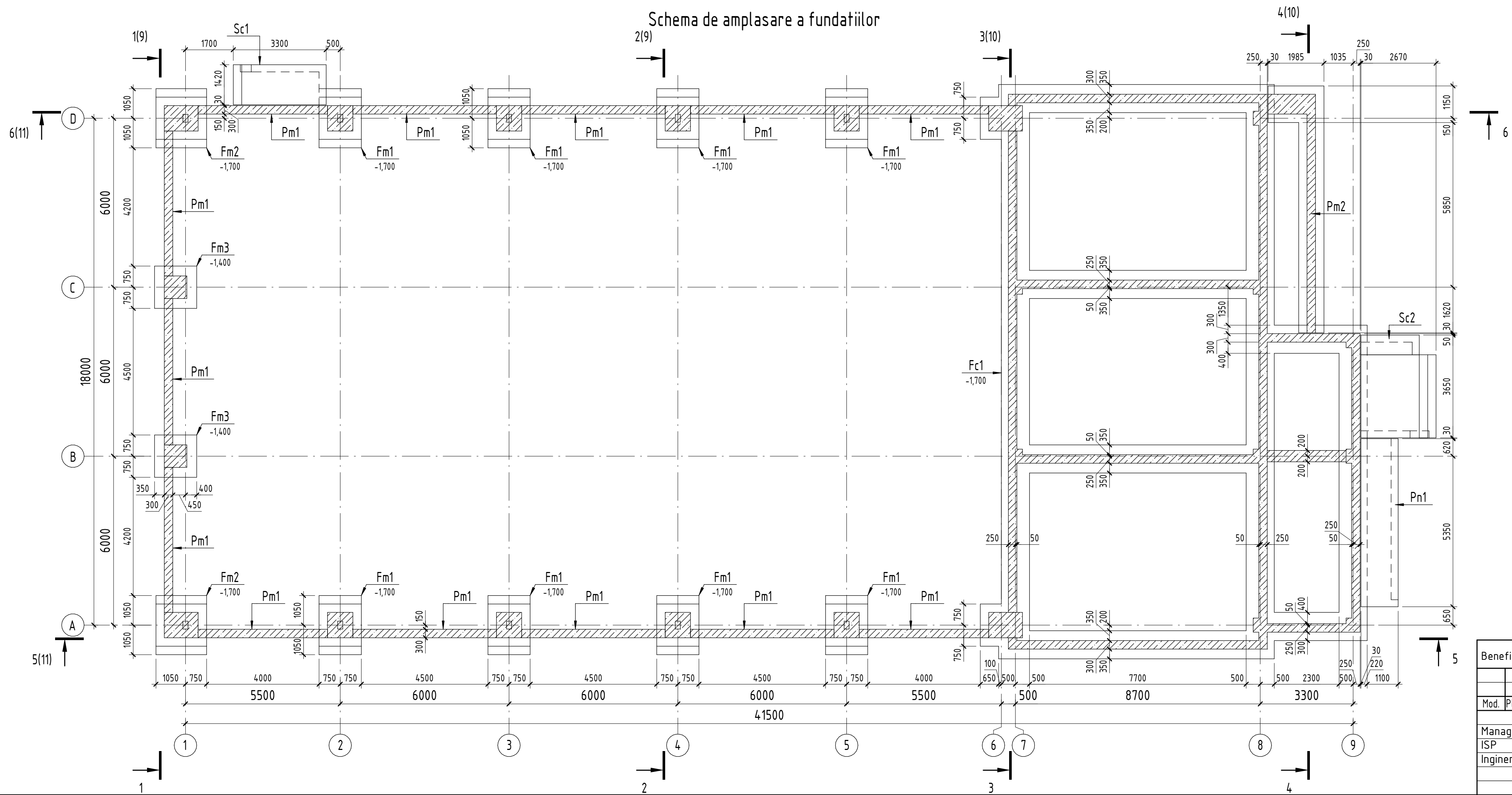
Nota:
Pe schema de executare a gropii de fundatie in colturi sunt indicate:
la numator - cota din proiect (cota rosie);
la numitor - cota absoluta a pamantului existent.

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisti I.				02/23		PE	5
ISP	Orlic A.				02/23	Schema de executare a gropii de fundatie (etapa II)	PROJECT 345	
Inginer	Velesco A.				02/23			



- Pamanturi tehnogene (deseuri industriale, amestecate cu pamant)
- EGI I- argile nisipoase sensibile la umezire vartoase
- EGI II- nisipuri argiloase sensibile la umezire vartoase

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA			
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Mod.	Plansa	Foie	Nºdoc.	Semn.	Data				
Manager	Ghimisli I.				02/23	Bloc sportiv	Faza	Plansa	Planse
ISP	Orlic A.				02/23		PE	6	
Inginer	Velesco A.				02/23	Sectiune geologica	PROJECT 345		



Borderou de consum beton				
Denumire	Material	Cantitate	Volum	Nota
Beton pentru monolitizare	Beton C16/20		3,62 m³	
Fc1	Beton C16/20	1 buc.	64,79 m³	plansa 16
Strat de egalizare Fc1	Beton C8/10		10,85 m³	
Fm1	Beton C16/20	8 buc.	17,40 m³	plansa 12
Strat de egalizare Fm1	Beton C8/10		3,13 m³	
Fm2	Beton C16/20	2 buc.	5,37 m³	plansa 13
Strat de egalizare Fm2	Beton C8/10		0,92 m³	
Fm3	Beton C16/20	2 buc.	2,25 m³	plansa 14
Strat de egalizare Fm3	Beton C8/10		0,58 m³	
Pm1	Beton C16/20	64,5 m.l.	19,35 m³	plansa 15
Strat de egalizare Pm1	Beton C8/10		2,86 m³	
Pm2	Beton C16/20	1 buc.	5,77 m³	plansa 22
Strat de egalizare Pm2	Beton C8/10		1,12 m³	
Pn1	Beton C16/20	1 buc.	2,58 m³	plansa 31
Strat de egalizare Pn1	Beton C8/10		0,31 m³	
Sc1	Beton C16/20	1 buc.	1,94 m³	plansa 25
Strat de egalizare Sc1	Beton C8/10		0,24 m³	
Sc2	Beton C16/20	1 buc.	3,50 m³	plansa 28
Strat de egalizare Sc2	Beton C8/10		0,38 m³	

Nota:
Pe schema de amplasare a fundatiilor in colturi sunt indicate:
la numarator- tipul fundatiei;
la numitor- cota talpei fundatiei.

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
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Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
							PE	7
Manager	Ghimisti I.		02/23			Schema de amplasare a fundatiilor	PROJECT 345	
ISP	Orlic A.		02/23					
Inginer	Velesco A.		02/23					

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Borderou de consum otel

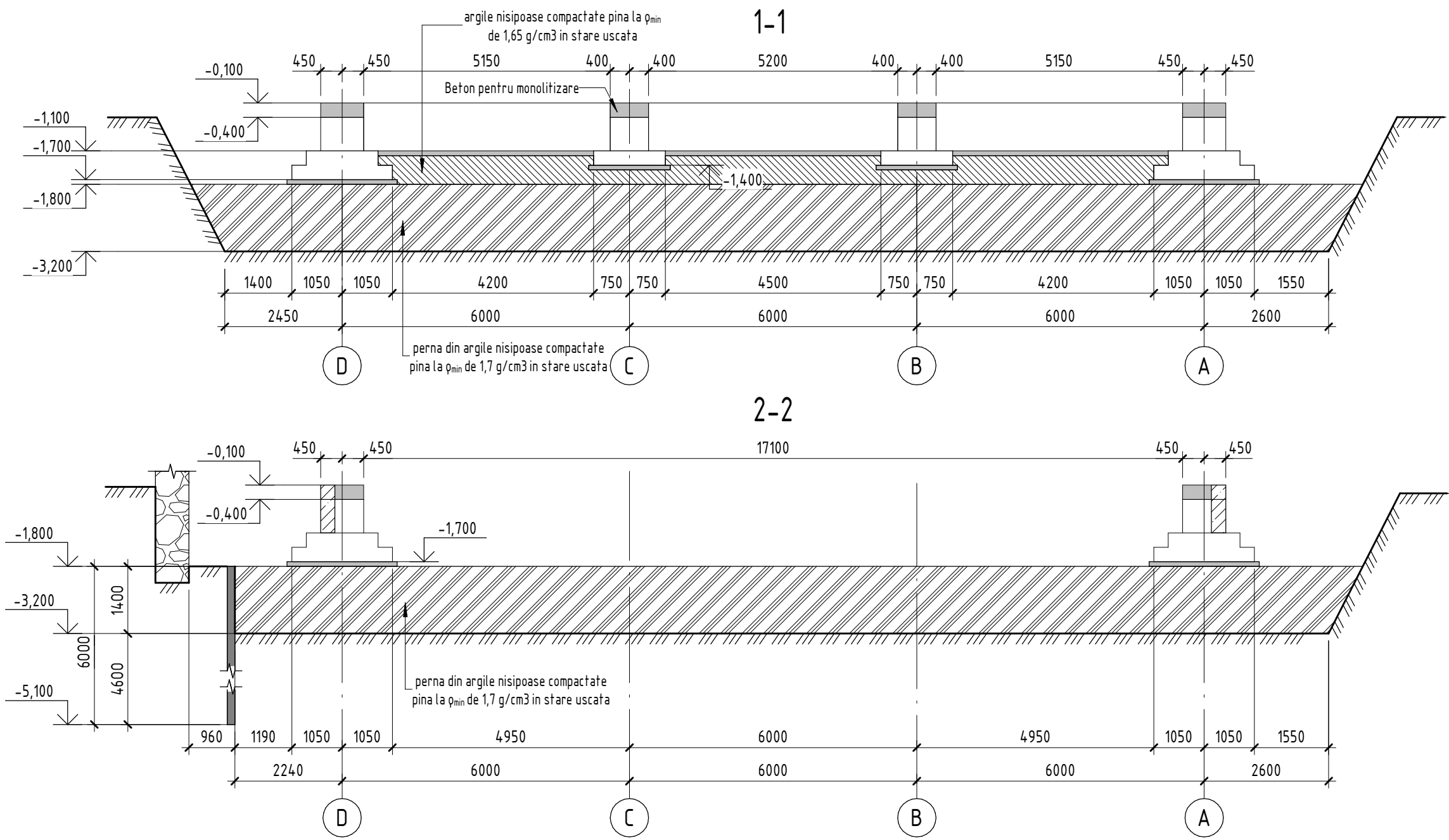
Marca elementului	Detalii din otel-beton									
	Otel-beton clasa									Total
	B500B						A240			
	SM SR EN 10080:2014						SM SR EN 10080:2014			
	Ø8	Ø10	Ø12	Ø16	Ø20	Total	Ø6	Ø8	Total	
Fm1	0	0	403,44	0	0	403,44	92,8	0	92,8	496,24
Fm2	0	0	110,46	0	0	110,46	34,56	0	34,56	145,02
Fm3	0	0	75,84	0	0	75,84	15,36	0	15,36	91,2
Fc1	0	2887,03	45,9	143,4	89,12	3165,45	188,26	128,4	316,66	3482,11
Pm1	629,59	0	0	0	0	629,59	74,52	0	74,52	704,11
Pm2	138,27	0	0	0	0	138,27	14,94	0	14,94	153,21
Pn1	92,07	0	0	0	0	92,07	4,96	0	4,96	97,03
Sc1	78,32	0	0	0	0	78,32	3,85	0	3,85	82,17
Sc2	150,41	0	0	0	0	150,41	6,51	0	6,51	156,92

Borederou de elemente

Nº	Marca elementului	Denumirea	Cantitatea buc.	Greutatea, kg	
				buc.	total
1	SA1	Sistem de ancore	12	38,12	457,39
2	SA2	Sistem de ancore	2	13,71	27,41
3	SA3	Sistem de ancore	2	35,17	70,33
4	Pi1	Piesa inglobata	1	7,89	7,89
5	Pi2	Piesa inglobata	1	21,65	21,65
6	Pi3	Piesa inglobata	2	8,83	17,66
7	-16 80x80	Piesa inglobata	44	0,80	35,37
Greutatea totala:					637,7

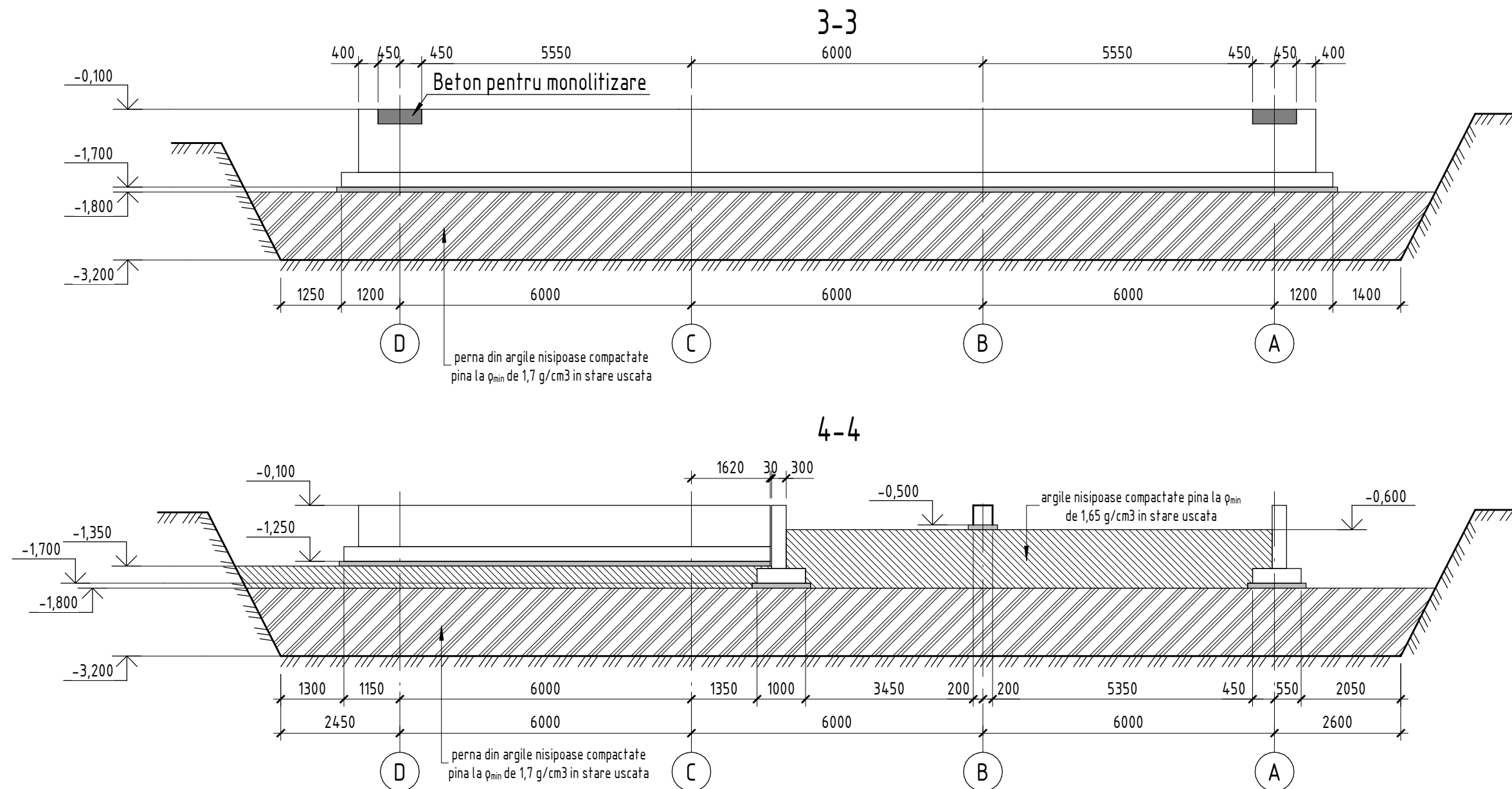
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data				
Manager	Ghimisli I.				02/23	Bloc sportiv	Faza	Plansa	Planse
ISP	Orlic A.				02/23		PE	8	
Inginer	Velesco A.				02/23	Borderou de consum otel	PROJECT 345		

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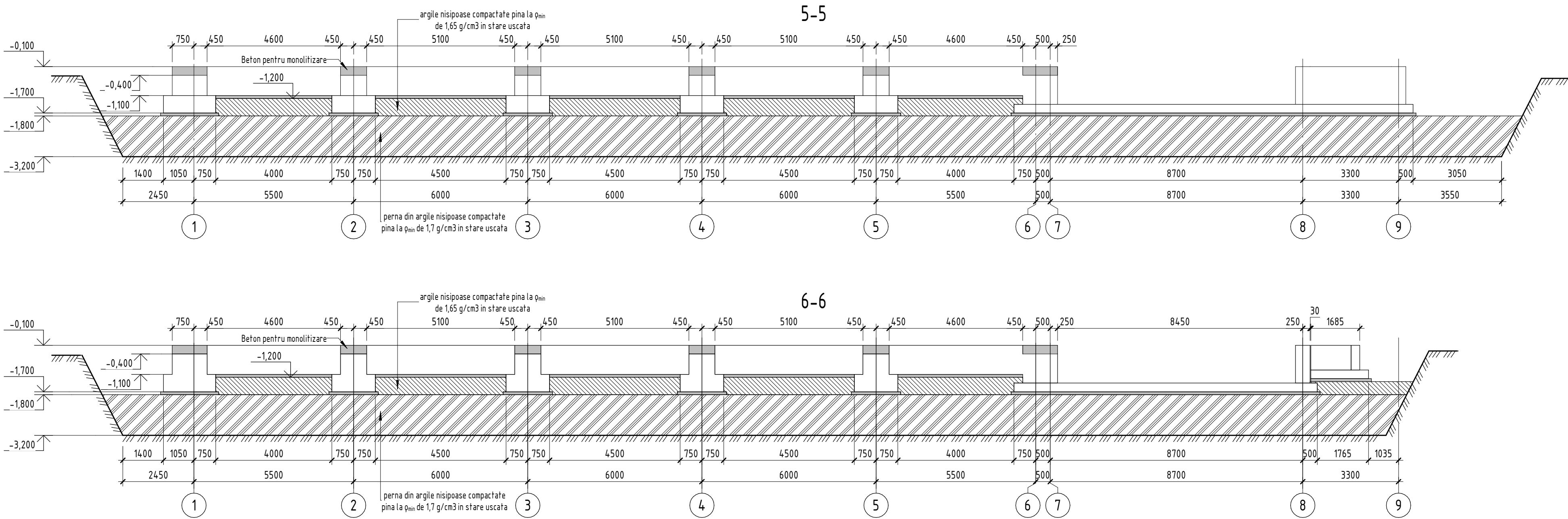
Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
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Mod.	Plansa	Foai	Nºdoc.	Semn.	Data					
Manager	Ghimisli I.				02/23	Bloc sportiv		Faza	Plansa	Planse
ISP	Orlic A.				02/23			PE	9	
Inginer	Velesco A.				02/23	Sectiunile 1-1, 2-2		PROJECT 345		

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Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA						
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49						
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data							
						Bloc sportiv		Faza	Plansa	Planse		
Manager	Ghimisli I.				02/23			PE	10			
ISP	Orlic A.				02/23							
Inginer	Velesco A.				02/23	Sectiunile 3-3, 4-4		PROJECT 345				

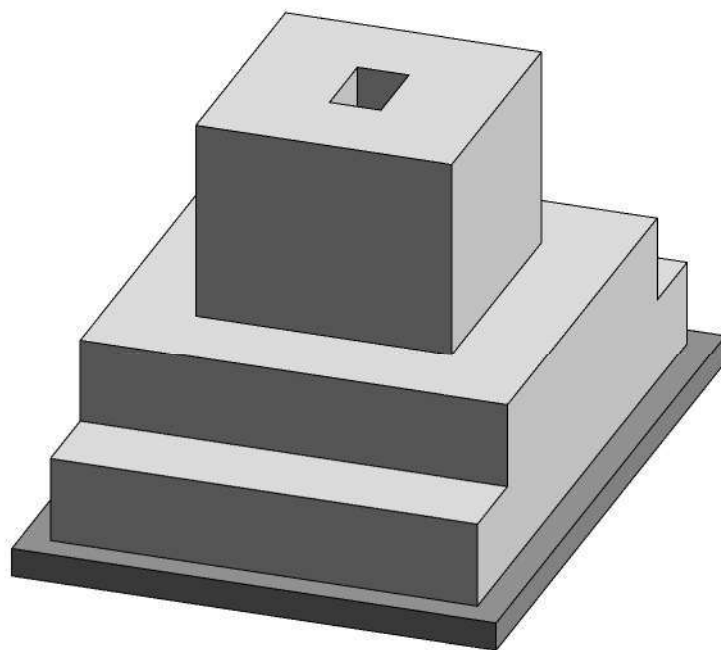
N. inv. original	
Stmatura data	
In schimb. nr.	



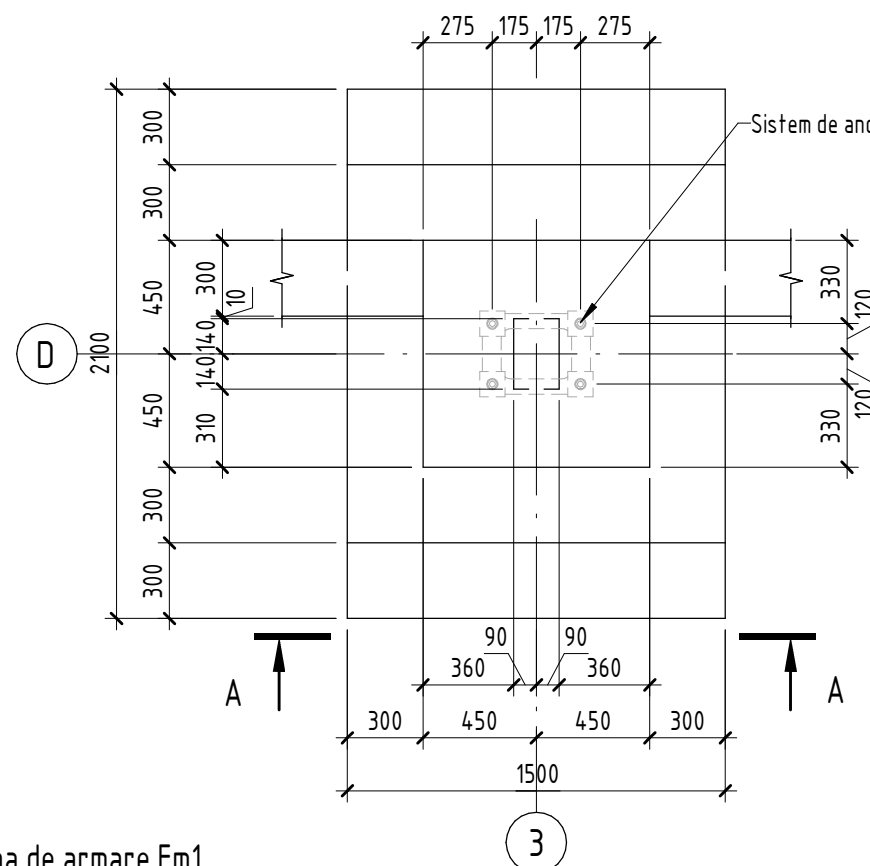
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
							PE	11	
Manager	Ghimisli I.				02/23	Sectiunile 5-5, 6-6	PROJECT 345		
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23				

Fm1

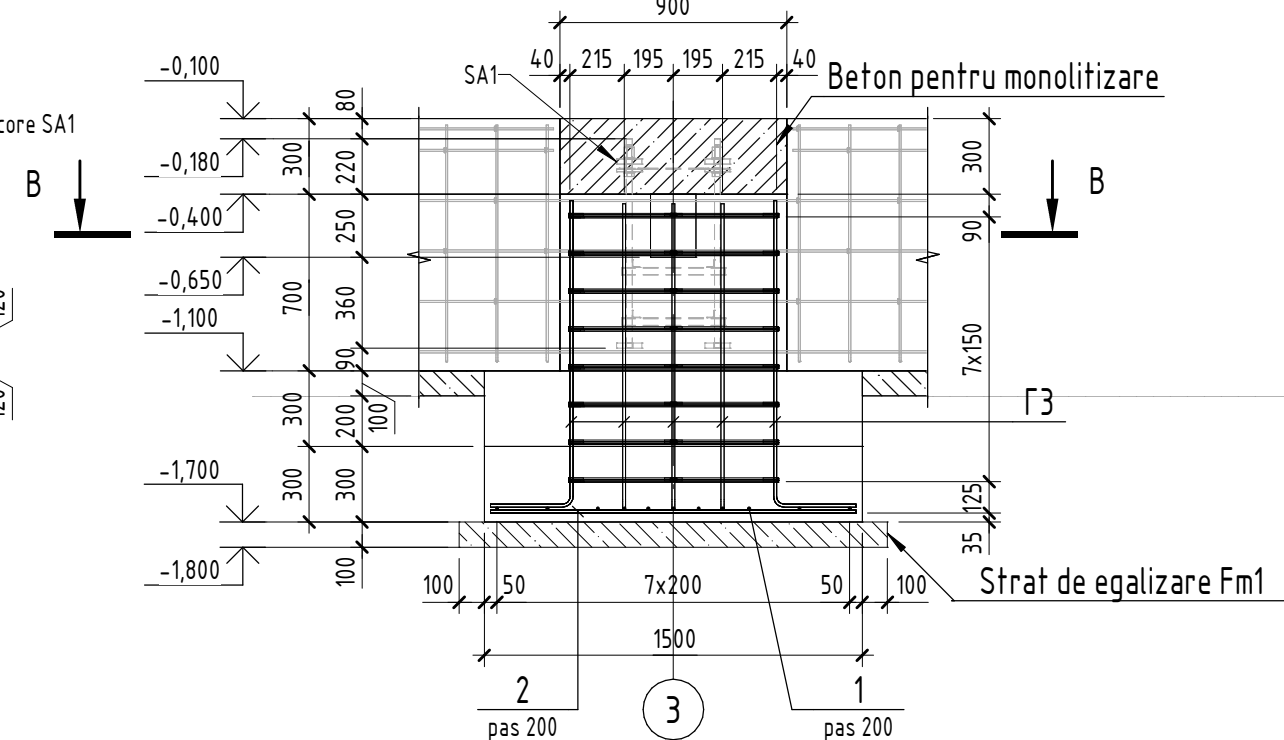
(vederea 3D)



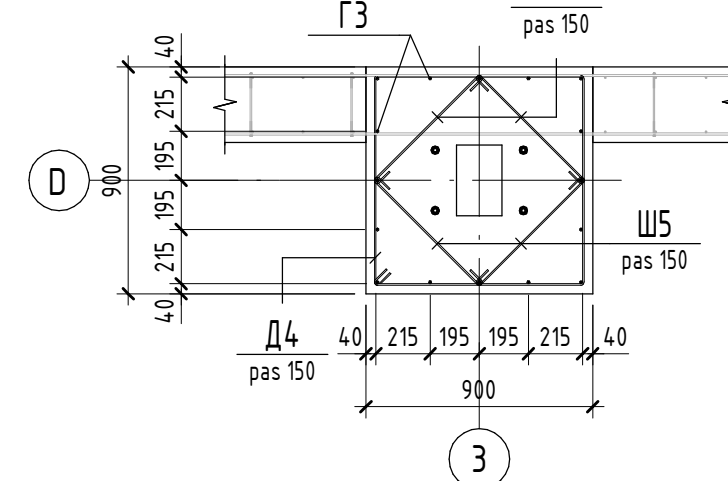
Fm1



A-A



B-B



Specificatia la schema de armare Fm1

Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
Detalii					
1	SM SR EN 10080:2014	Ø 12 B500B L = 2050	8	1,83	14,64
2	SM SR EN 10080:2014	Ø 12 B500B L = 1450	11	1,29	14,19
Г3	SM SR EN 10080:2014	Ø 12 B500B L = 1515	16	1,35	21,6
Д4	SM SR EN 10080:2014	Ø 6 A240 L = 3435	8	0,77	6,16
Ш5	SM SR EN 10080:2014	Ø 6 A240 L = 745	32	0,17	5,44
Materiale					
Fm1	SM EN 206:2013+A2:2021	Beton C16/20			2,18 m³
Strat de egalizare	SM EN 206:2013+A2:2021	Beton C8/10			0,39 m³

Nota:

Barele orizontale a peretelui Pm1 vor intersecta fundatia monolita Fm1 fara intrerupere.

Borderou detalii

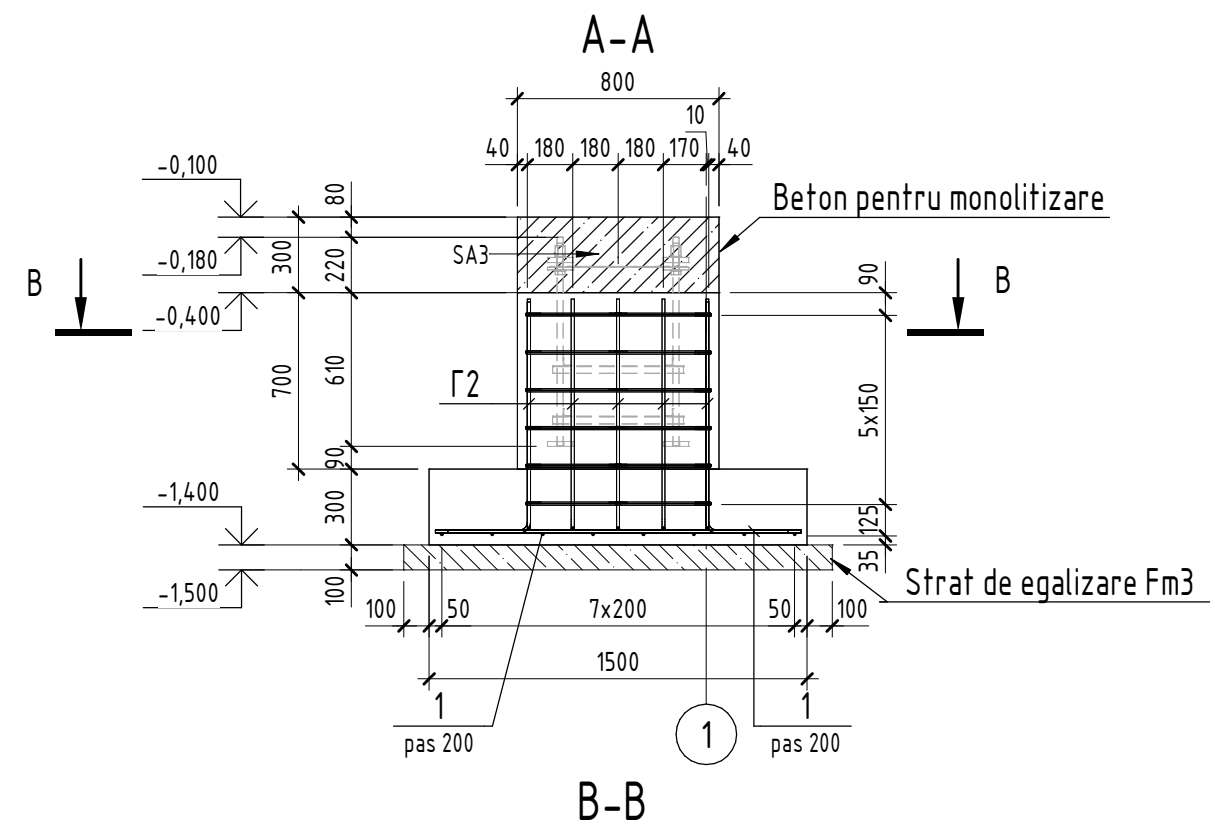
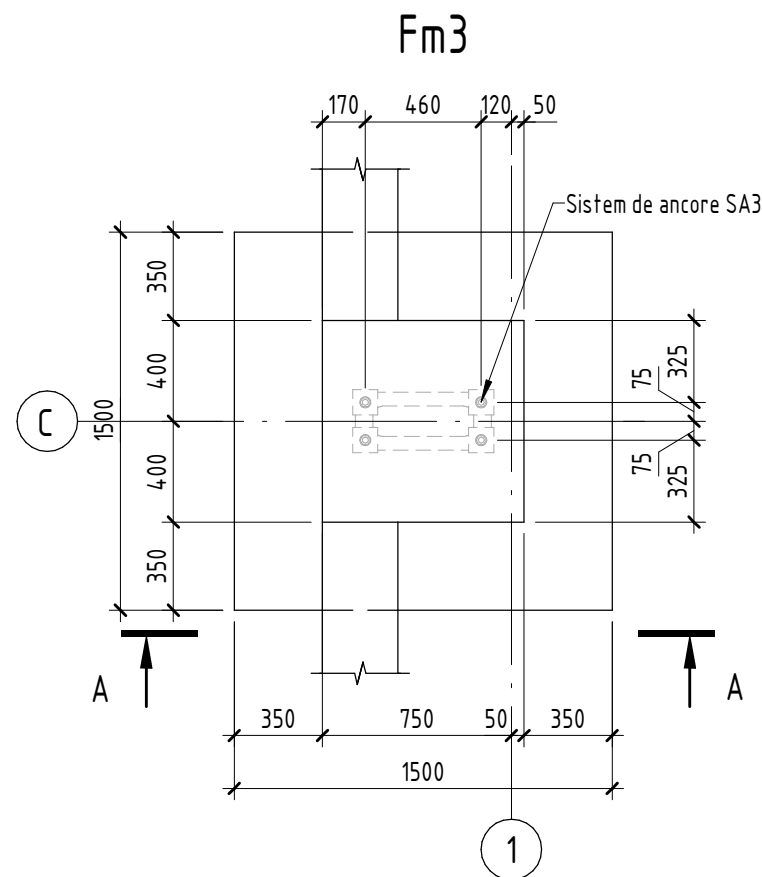
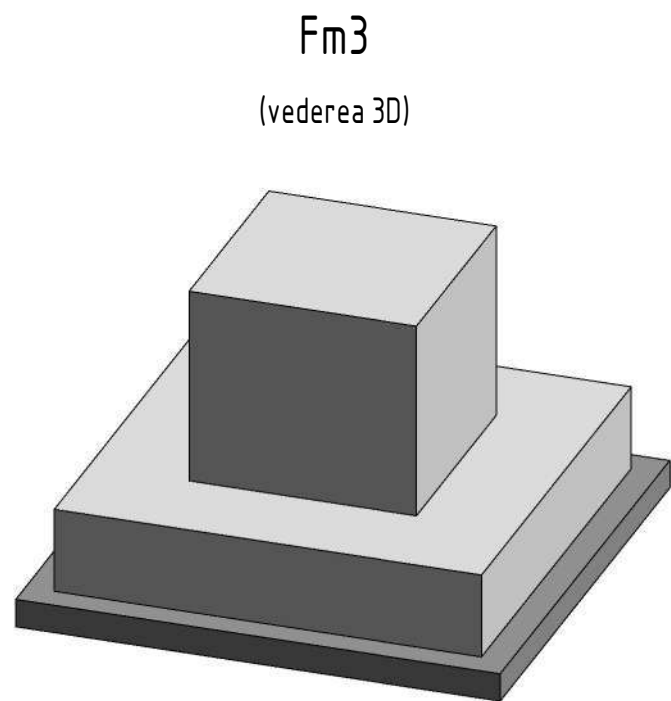
Poz.	Schita
Г 3	 A=325; B=1215; $\alpha=90^\circ$; don=60
Д 4	 A=820; B=820; x=72; x'=72; $\alpha=90^\circ$; don=15

Borderou detalii

Poz.	Schita
Ш 5	 A=583; x=70; x'=70; R=6; don=15

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	12
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Fm1		
						PROJECT 345		

N. inv. original	Stimnatura data	In schimb. nr.



Specificatia la schema de armare Fm3

Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
<u>Detalii</u>					
1	SM SR EN 10080:2014	Ø 12 B500B L = 1450	16	1,29	20,64
Г2	SM SR EN 10080:2014	Ø 12 B500B L = 1215	16	1,08	17,28
Д3	SM SR EN 10080:2014	Ø 6 A240 L = 3040	6	0,68	4,08
Ш4	SM SR EN 10080:2014	Ø 6 A240 L = 675	24	0,15	3,6
<u>Materiale</u>					
Fm3	SM EN 206:2013+A2:2021	Beton C16/20			1,13 m³
Strat de egalizare	SM EN 206:2013+A2:2021	Beton C8/10			0,29 m³

Borderou detalii

Poz.	Schita
Г 2	A=325; B=915; α=90°; don=60
Д 3	A=721; B=720; x=72; x'=72; α=90°; don=15

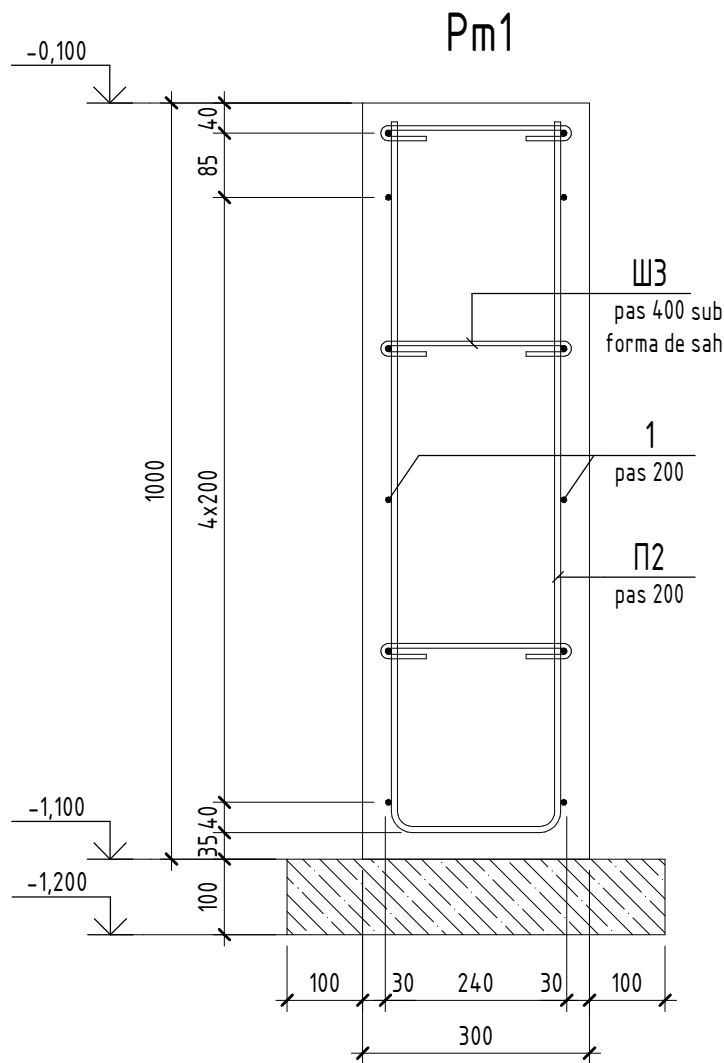
Borderou detalii

Poz.	Schita
Ш 4	A=513; x=70; x'=70; R=6; don=15

Nota:
Barele orizontale a peretelui Pm1 vor intersecta fundatia monolita Fm3 fara intrerupere.

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foia	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	14
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Fm3		
						PROJECT 345		

N. inv. original	
Stimnatura data	
In schimb. nr.	



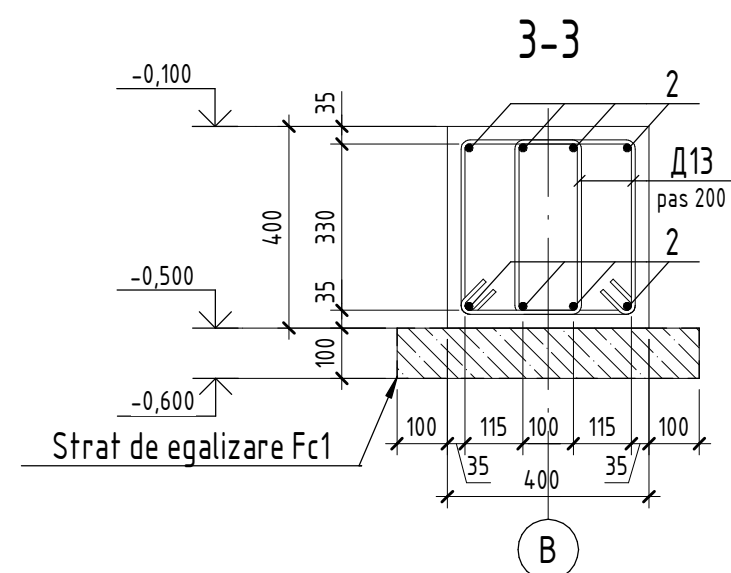
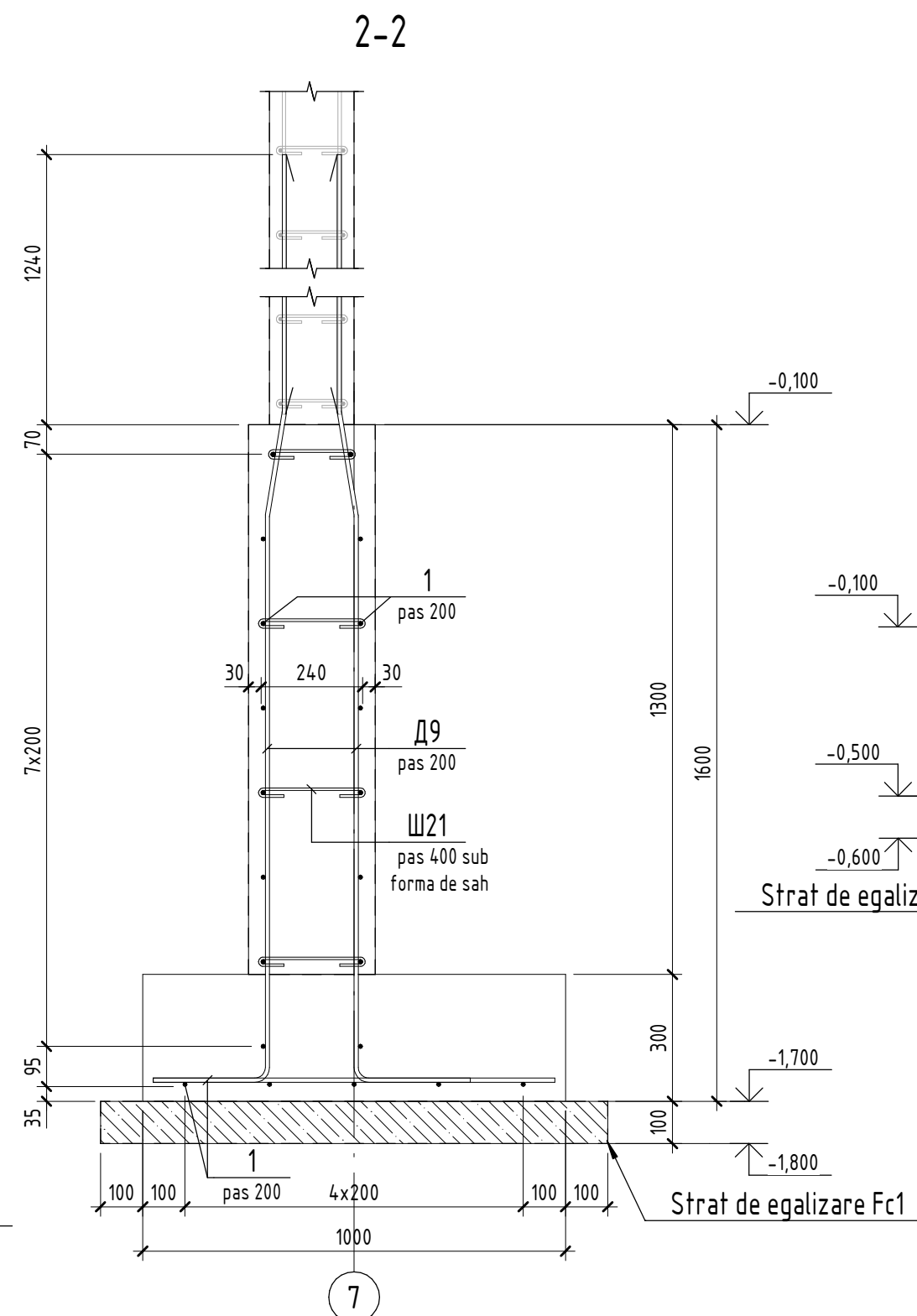
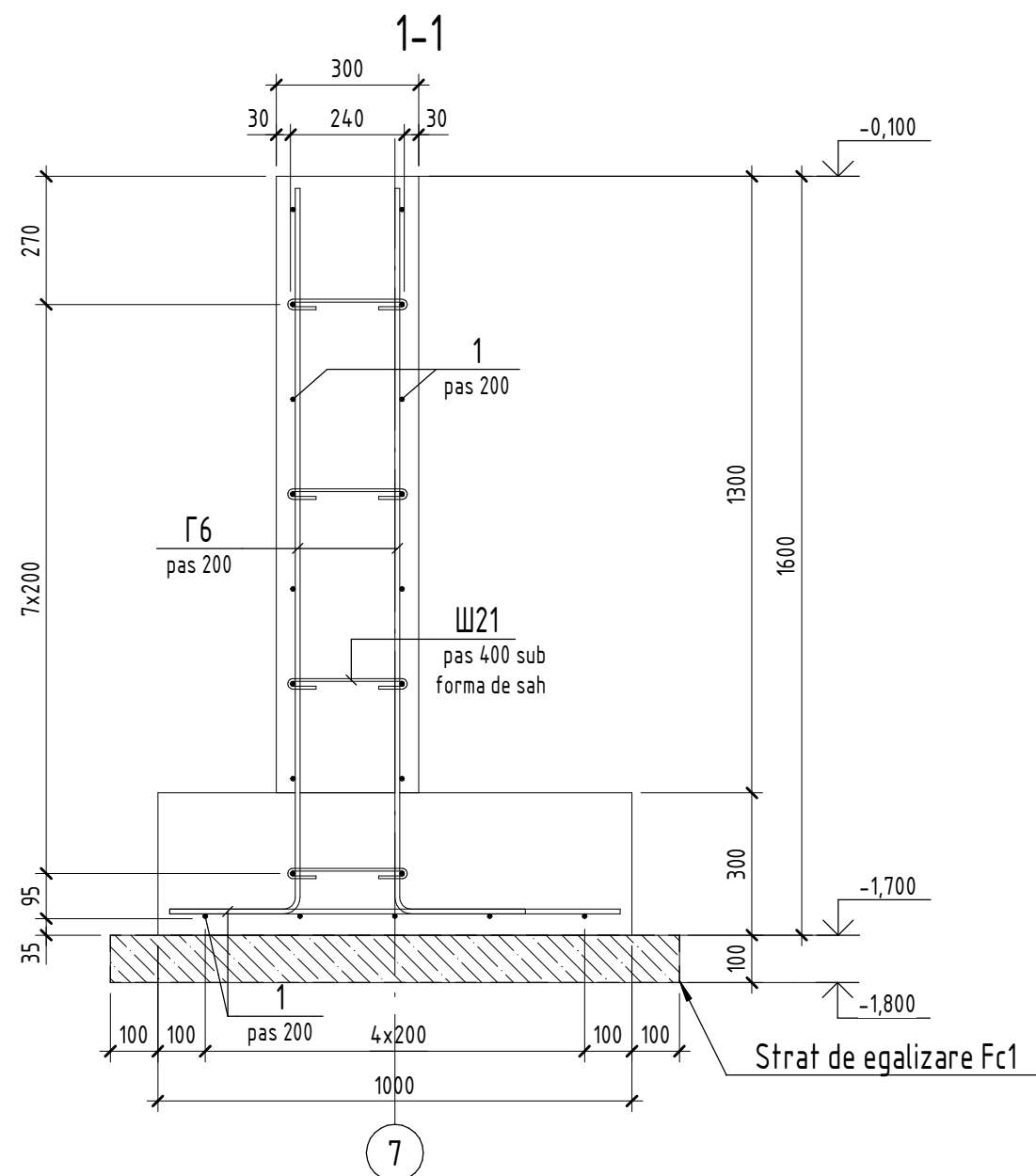
Specificatia la schema de armare Pm1

Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
Detalii					
1	SM SR EN 10080:2014	Ø 8 B500B Loδщ(мn)	906,72	0,395	358,17
П2	SM SR EN 10080:2014	Ø 8 B500B L = 2065	331	0,82	271,42
Ш3	SM SR EN 10080:2014	Ø 6 A240 L = 375	828	0,09	74,52
Materiale					
Pm1	SM EN 206:2013+A2:2021	Beton C16/20			19,35 м³
Strat de egalizare Pm1	SM EN 206:2013+A2:2021	Beton C8/10			2,86 м³

Borderou detalii

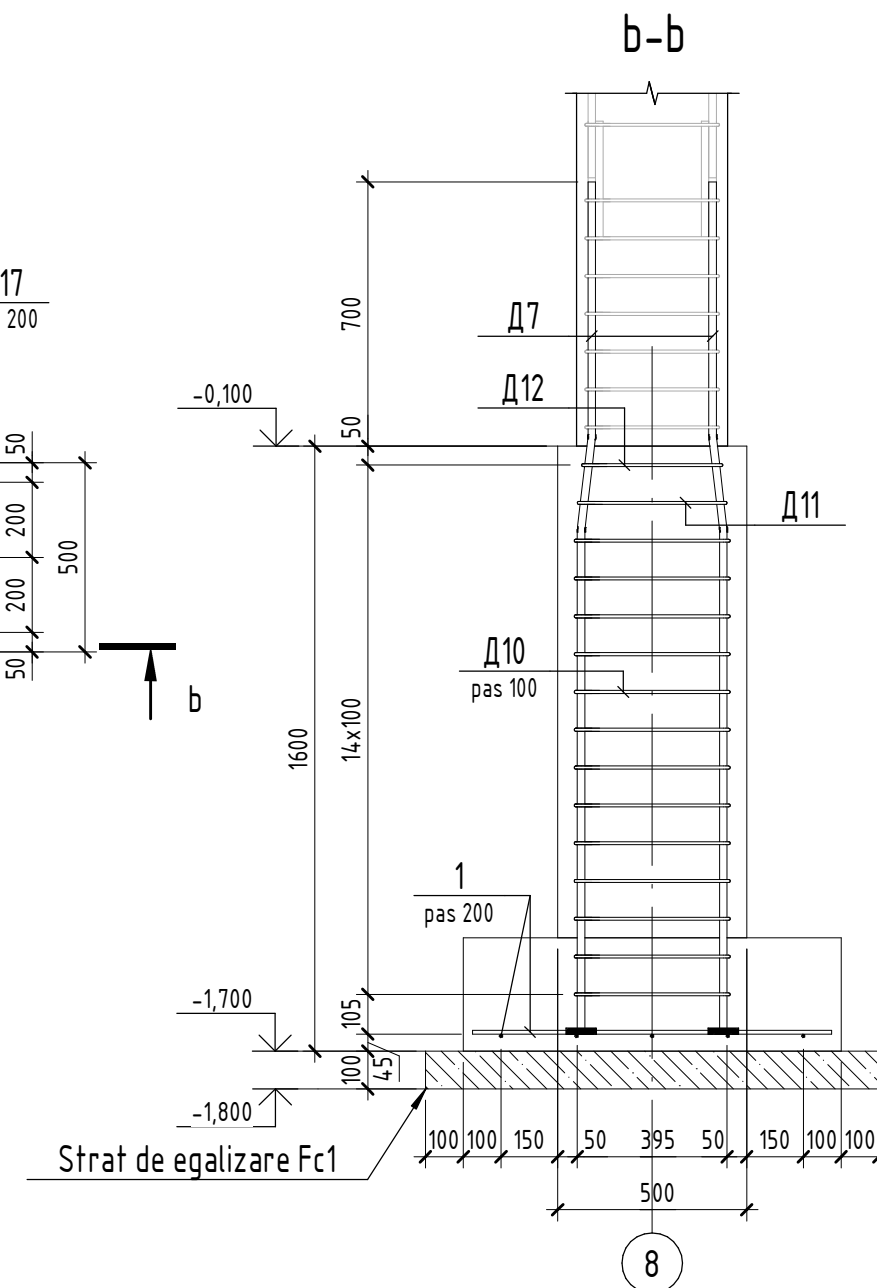
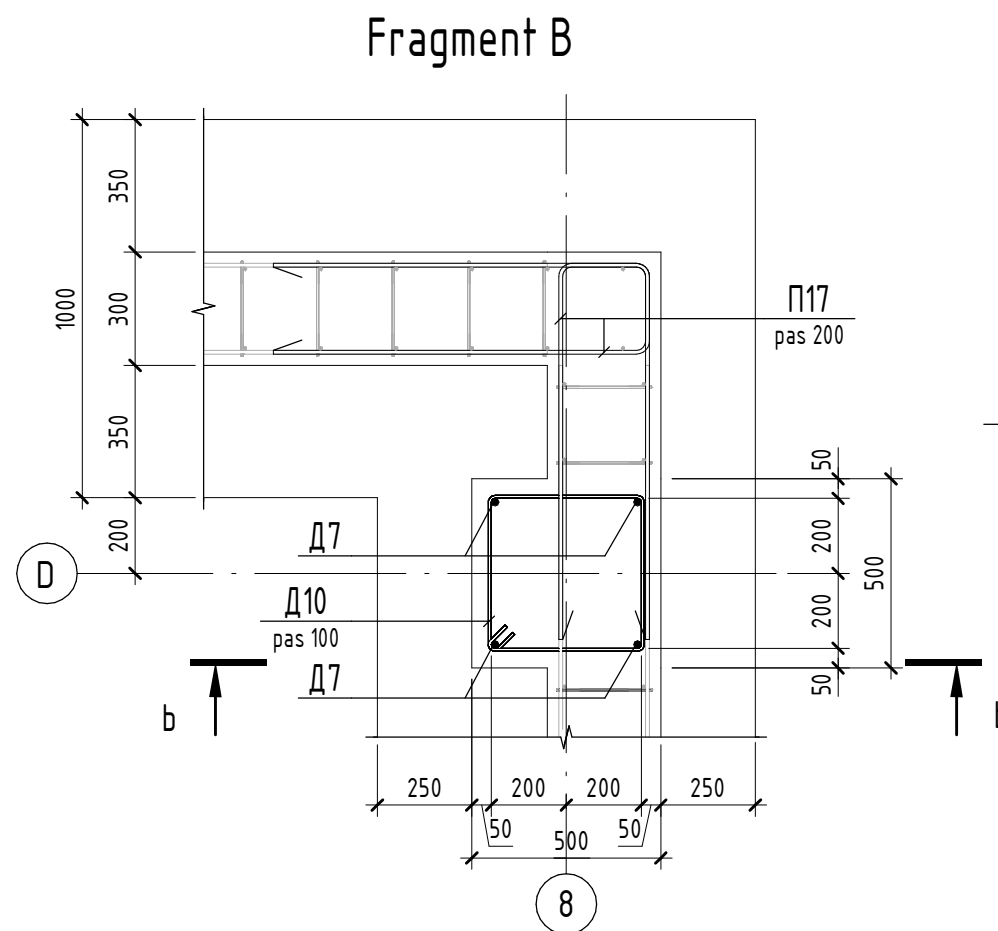
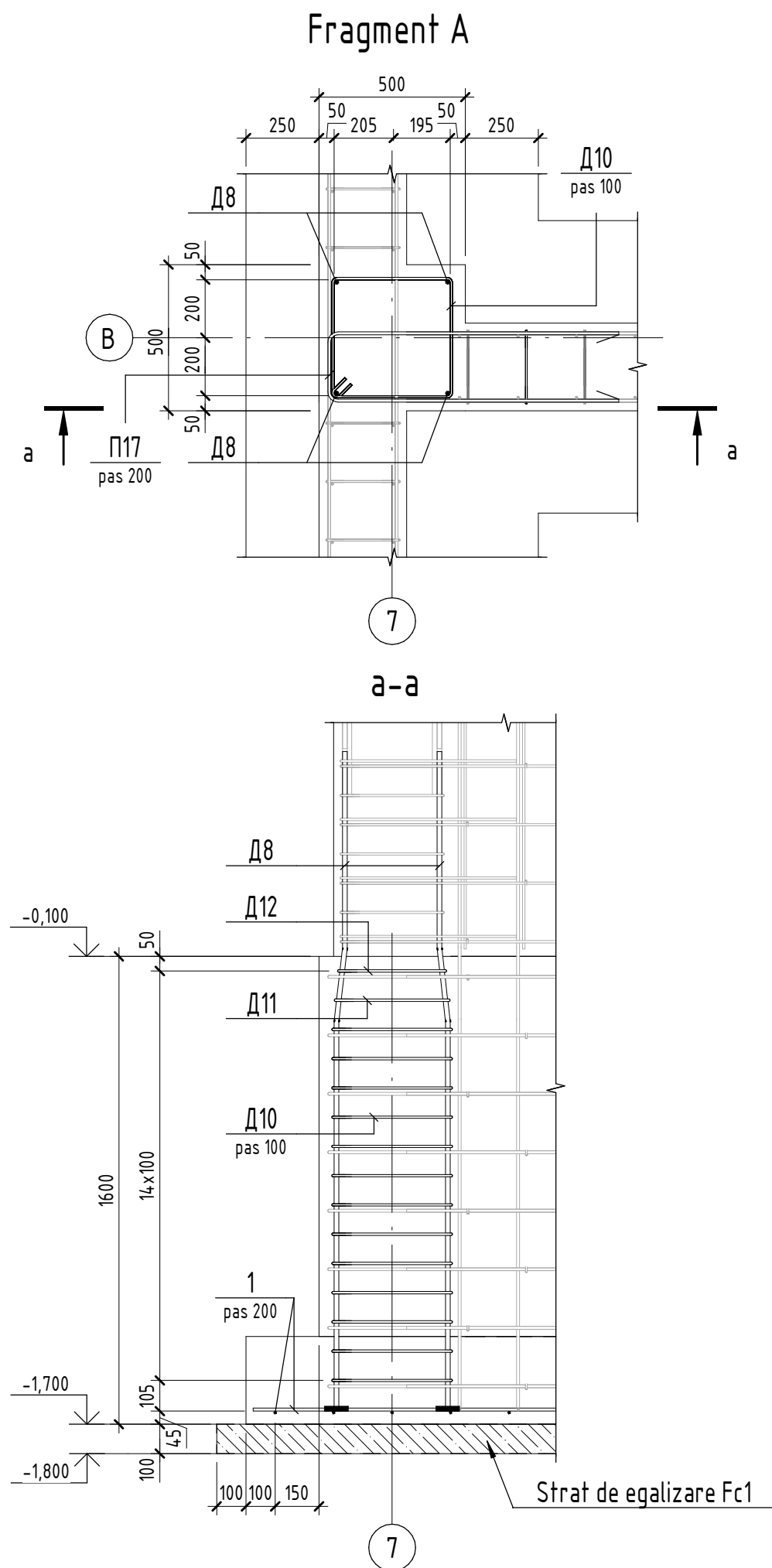
Poz.	Schita
П 2	A=940; B=225; C=940; $\alpha=90^{\circ}$; don=40
Ш 3	A=240; x=60; x'=60; R=4; don=15

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA					
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49					
Mod.	Plansa	Foae	Nºdoc.	Semn.	Data						
Manager	Ghimisli I.				02/23	Bloc sportiv			Faza	Plansa	Planse
ISP	Orlic A.				02/23				PE	15	
Inginer	Velesco A.				02/23	Pm1			PROJECT 345		



N. inv. original	Stmatura data	In schimb. nr.

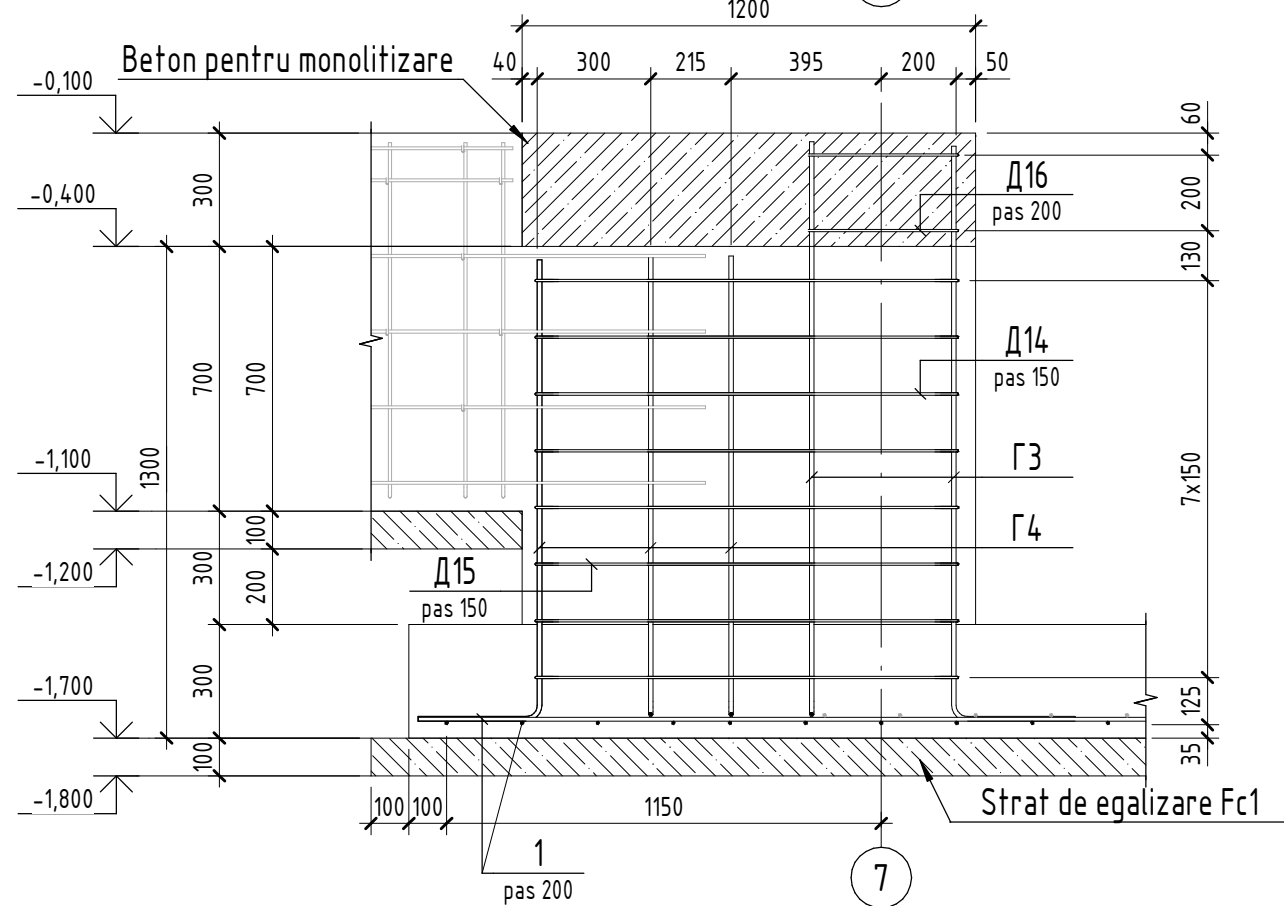
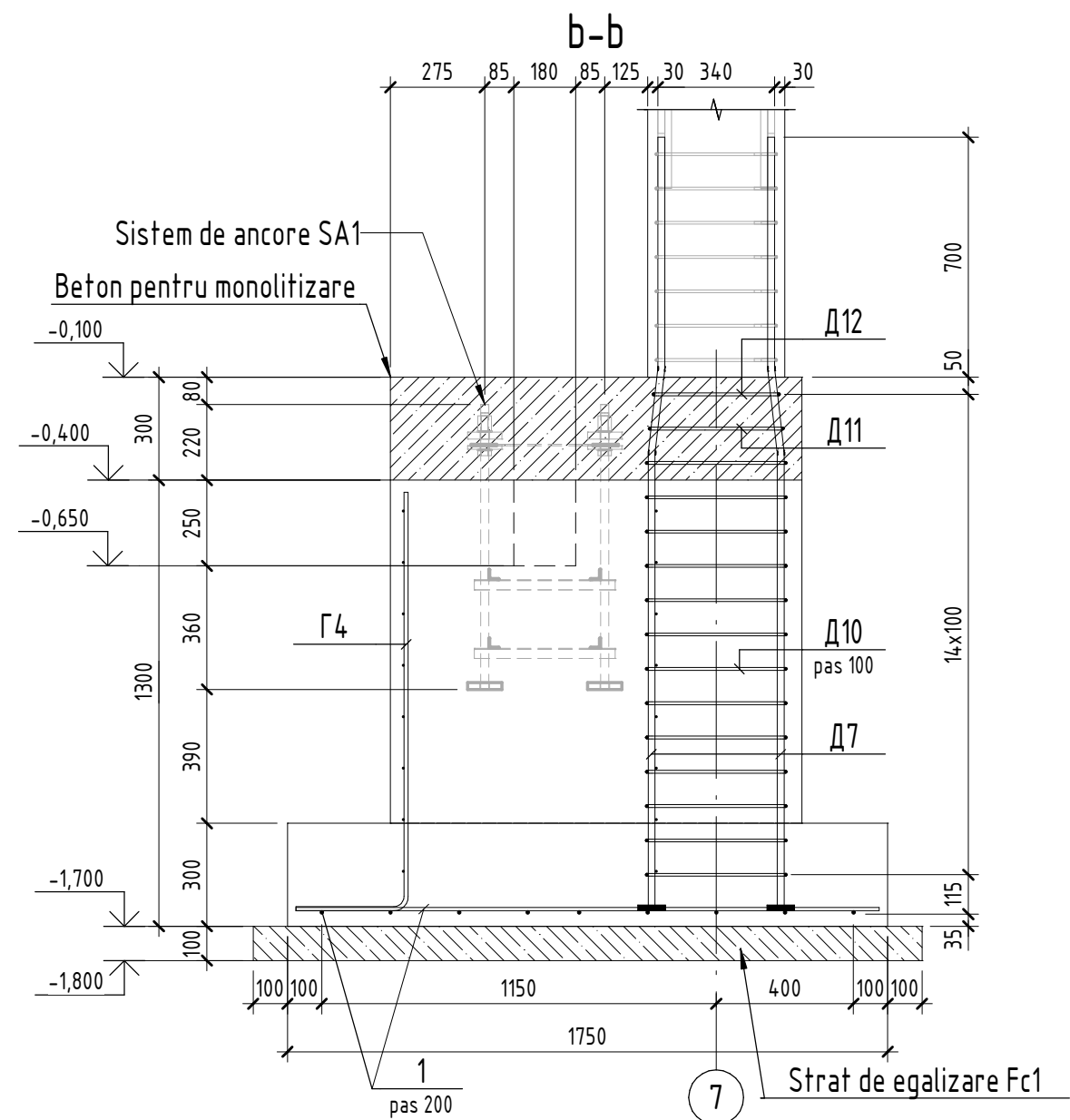
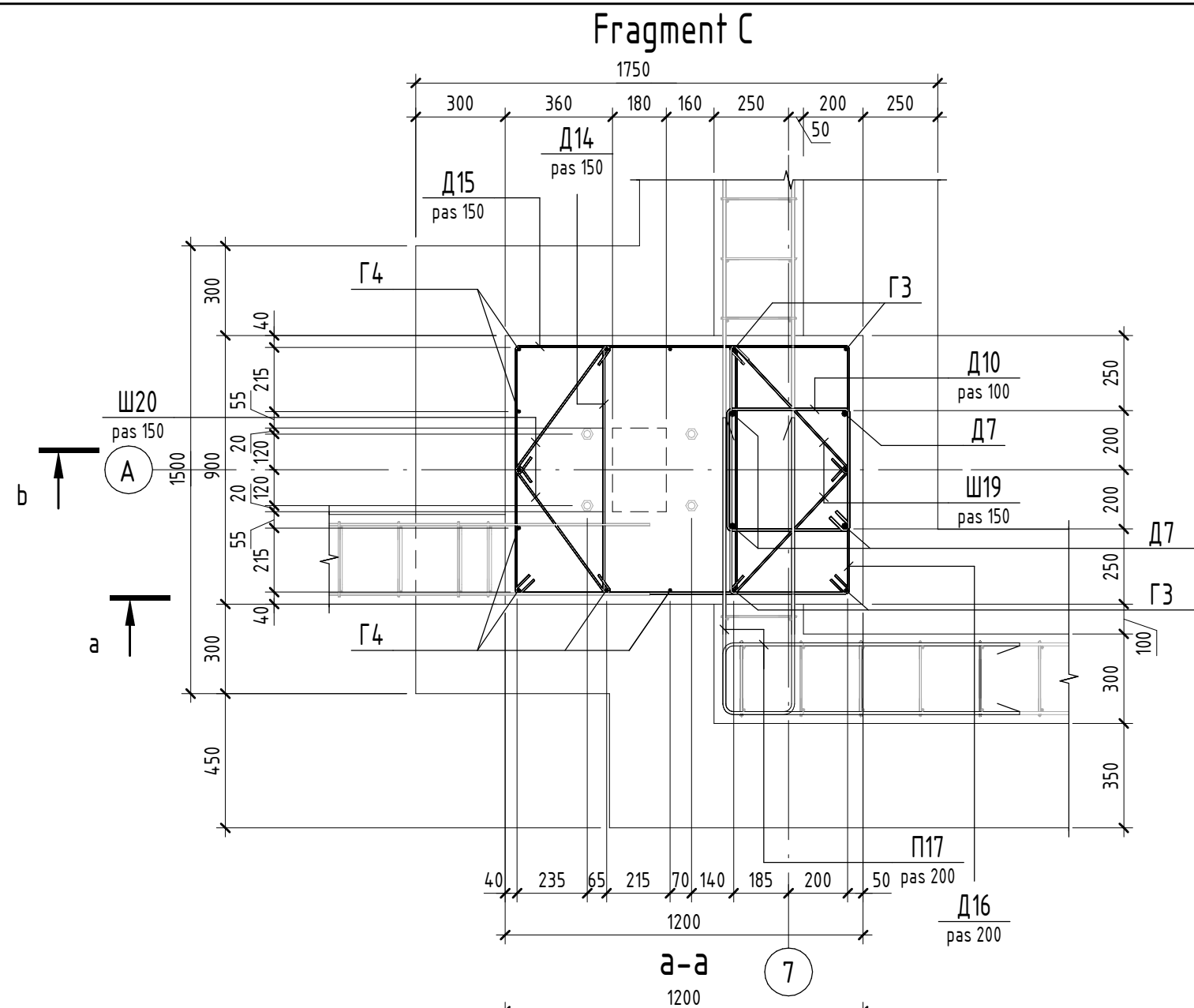
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data					
Manager		Ghimisli I.			02/23	Bloc sportiv		Faza	Plansa	Planse
ISP		Orlic A.			02/23			PE	17	
Inginer		Velesco A.			02/23	Sectiunile 1-1, 2-2, 3-3		PROJECT 345		



N. inv. original	Stimnatura data	In schimb. nr.

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	18
ISP	Orlic A.				02/23	Fragment A, B		
Inginer	Velesco A.				02/23			
						PROJECT 345		
						Формат А3		

N. inv. original	Simnatura data	In schimb. nr.



Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foia	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	19
ISP	Orlic A.				02/23	Fragment C	PROJECT 345	
Inginer	Velesco A.				02/23			

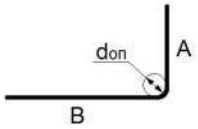
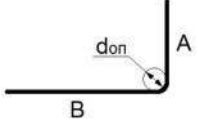
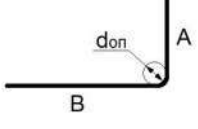
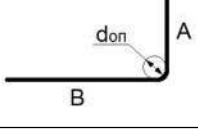
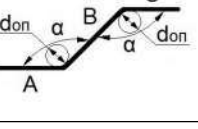
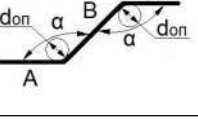
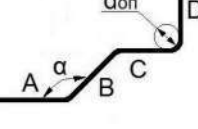
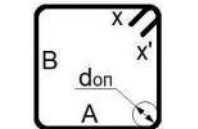
N. inv. original	Stmatura data	In schimb. nr.

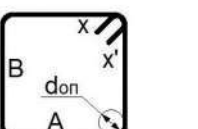
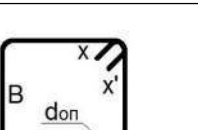
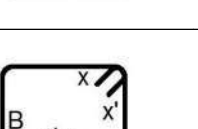
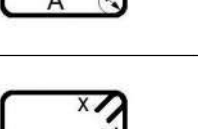
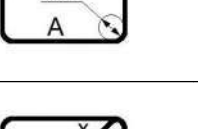
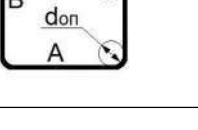
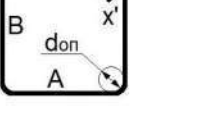
Specificatia la schema de armare Fc1

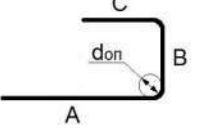
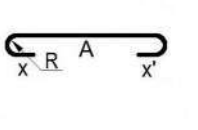
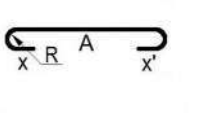
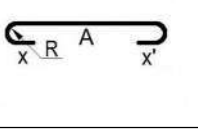
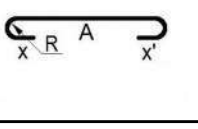
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		<u>Detalii</u>			
1	SM SR EN 10080:2014	Ø 10 B500B Loδщ(мn)	2542,6 4	0,617	1568,83
2	SM SR EN 10080:2014	Ø 16 B500B L = 3440	8	5,43	43,44
Г3	SM SR EN 10080:2014	Ø 12 B500B L = 1820	10	1,62	16,2
Г4	SM SR EN 10080:2014	Ø 12 B500B L = 1520	22	1,35	29,7
Г5	SM SR EN 10080:2014	Ø 10 B500B L = 1820	280	1,13	316,4
Г6	SM SR EN 10080:2014	Ø 10 B500B L = 1780	338	1,1	371,8
Д7	SM SR EN 10080:2014	Ø 20 B500B L = 2255	16	5,57	89,12
Д8	SM SR EN 10080:2014	Ø 16 B500B L = 2260	28	3,57	99,96
Д9	SM SR EN 10080:2014	Ø 10 B500B L = 3050	232	1,89	438,48
Д10	SM SR EN 10080:2014	Ø 8 A240 L = 1750	143	0,7	100,1
Д11	SM SR EN 10080:2014	Ø 8 A240 L = 1680	10	0,67	6,7
Д12	SM SR EN 10080:2014	Ø 8 A240 L = 1590	10	0,63	6,3
Д13	SM SR EN 10080:2014	Ø 8 A240 L = 1270	30	0,51	15,3
Д14	SM SR EN 10080:2014	Ø 6 A240 L = 3425	16	0,77	12,32
Д15	SM SR EN 10080:2014	Ø 6 A240 L = 3260	16	0,73	11,68
Д16	SM SR EN 10080:2014	Ø 6 A240 L = 2575	4	0,58	2,32
П17	SM SR EN 10080:2014	Ø 10 B500B L = 2185	120	1,35	162
П18	SM SR EN 10080:2014	Ø 10 B500B L = 1985	24	1,23	29,52
Ш19	SM SR EN 10080:2014	Ø 6 A240 L = 725	32	0,17	5,44
Ш20	SM SR EN 10080:2014	Ø 6 A240 L = 675	32	0,15	4,8
Ш21	SM SR EN 10080:2014	Ø 6 A240 L = 380	1634	0,09	147,06
Ш22	SM SR EN 10080:2014	Ø 6 A240 L = 330	58	0,08	4,64
		<u>Materiale</u>			
Fc1	SM EN 206:2013+A2:2021	Beton C16/20			64,79 м³
Strat de egalizare	SM EN 206:2013+A2:2021	Beton C8/10			10,85 м³

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data					
						Bloc sportiv		Faza	Plansa	Planse
Manager	Ghimisli I.				02/23			PE	20	
ISP	Orlic A.				02/23					
Inginer	Velesco A.				02/23	Specificatia la schema de armare Fc1		PROJECT 345		

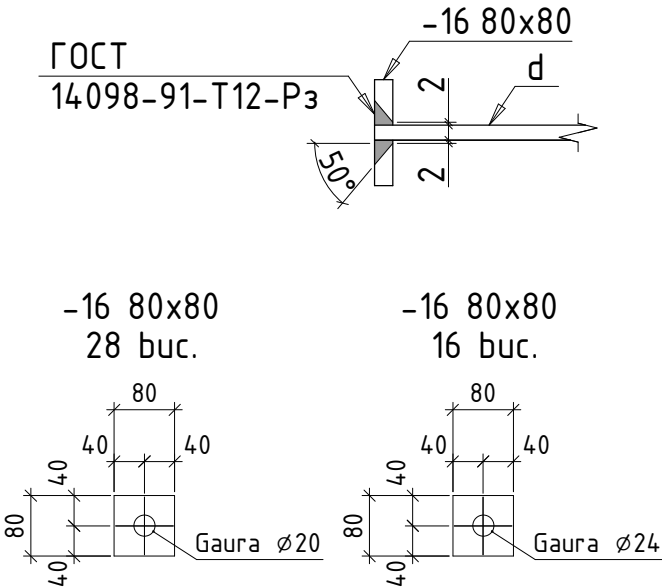
N. inv. original	
Stimnatura data	
In schimb. nr.	

Poz.	Schita
Г 3	 A=325; B=1520; $\alpha=90^\circ$; don=60
Г 4	 A=325; B=1220; $\alpha=90^\circ$; don=60
Г 5	 $\alpha=90^\circ$; don=50
Г 6	 $\alpha=90^\circ$; don=50
Д 7	 A=675; B=250; C=1335; $\alpha=170,74^\circ$; don=160
Д 8	 A=675; B=250; C=1335; $\alpha=170,74^\circ$; don=80
Д 9	 A=1210; B=250; C=1340; D=275; $\alpha=170,54^\circ$; don=50
Д 10	 A=397; B=397; x=73; x'=73; $\alpha=90^\circ$; don=20

Poz.	Schita
Д 11	 A=380; B=380; x=73; x'=73; $\alpha=90^\circ$; don=20
Д 12	 A=357; B=357; x=73; x'=73; $\alpha=90^\circ$; don=20
Д 13	 A=330; B=223; x=73; x'=73; $\alpha=90^\circ$; don=20
Д 14	 A=814; B=820; x=72; x'=72; $\alpha=90^\circ$; don=15
Д 15	 A=732; B=820; x=72; x'=72; $\alpha=90^\circ$; don=15
Д 16	 A=820; B=388; x=72; x'=72; $\alpha=90^\circ$; don=15
П 17	 A=995; B=240; C=995; $\alpha=90^\circ$; don=50

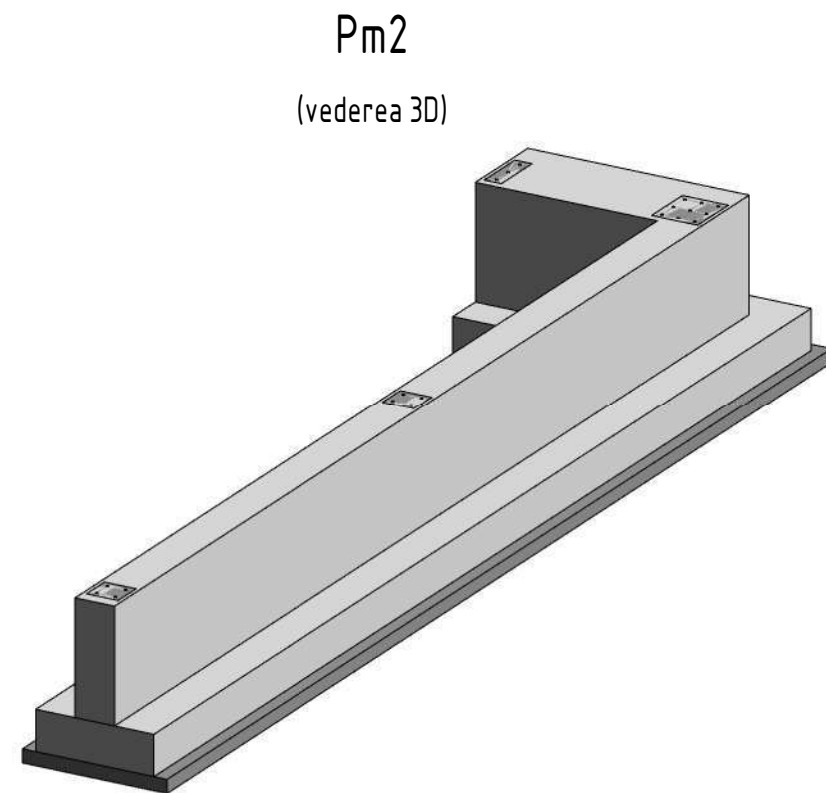
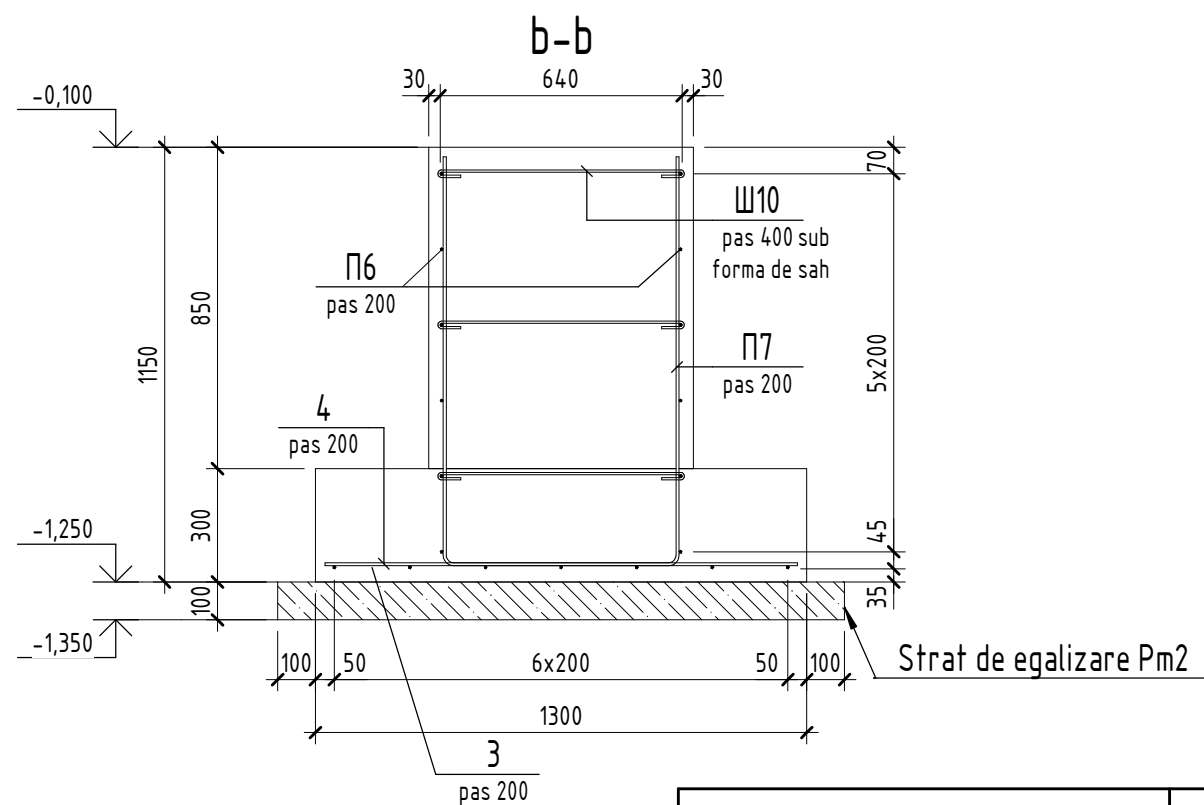
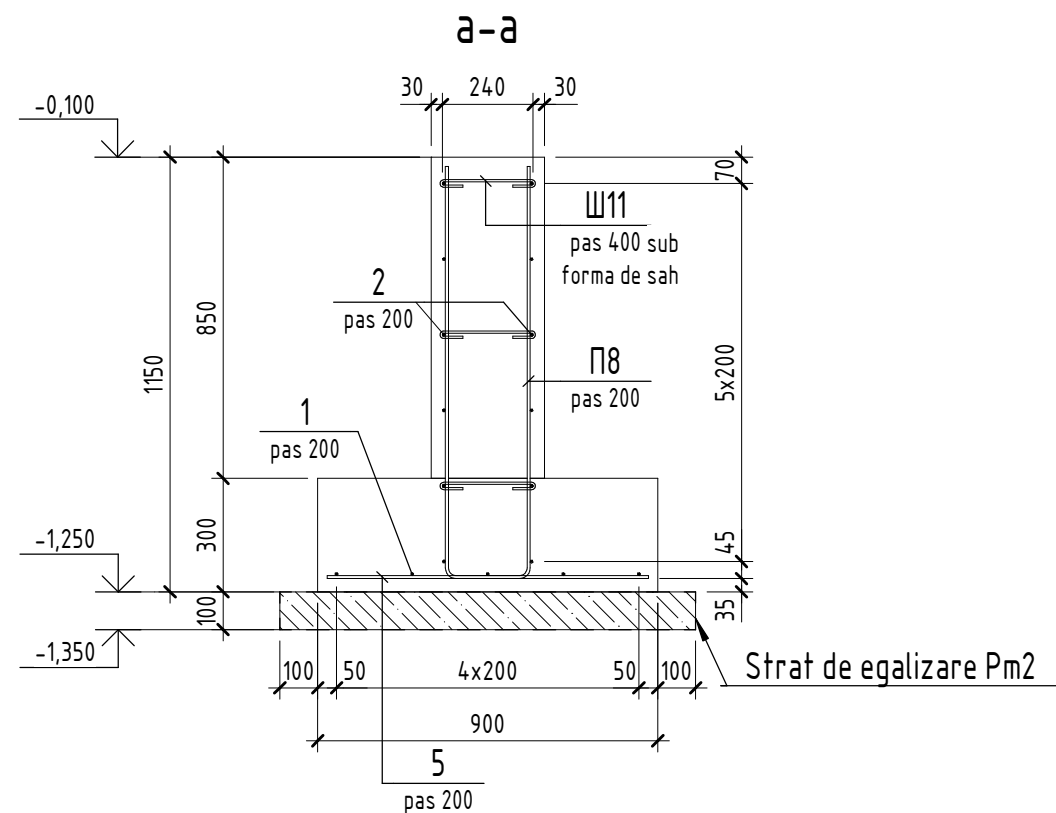
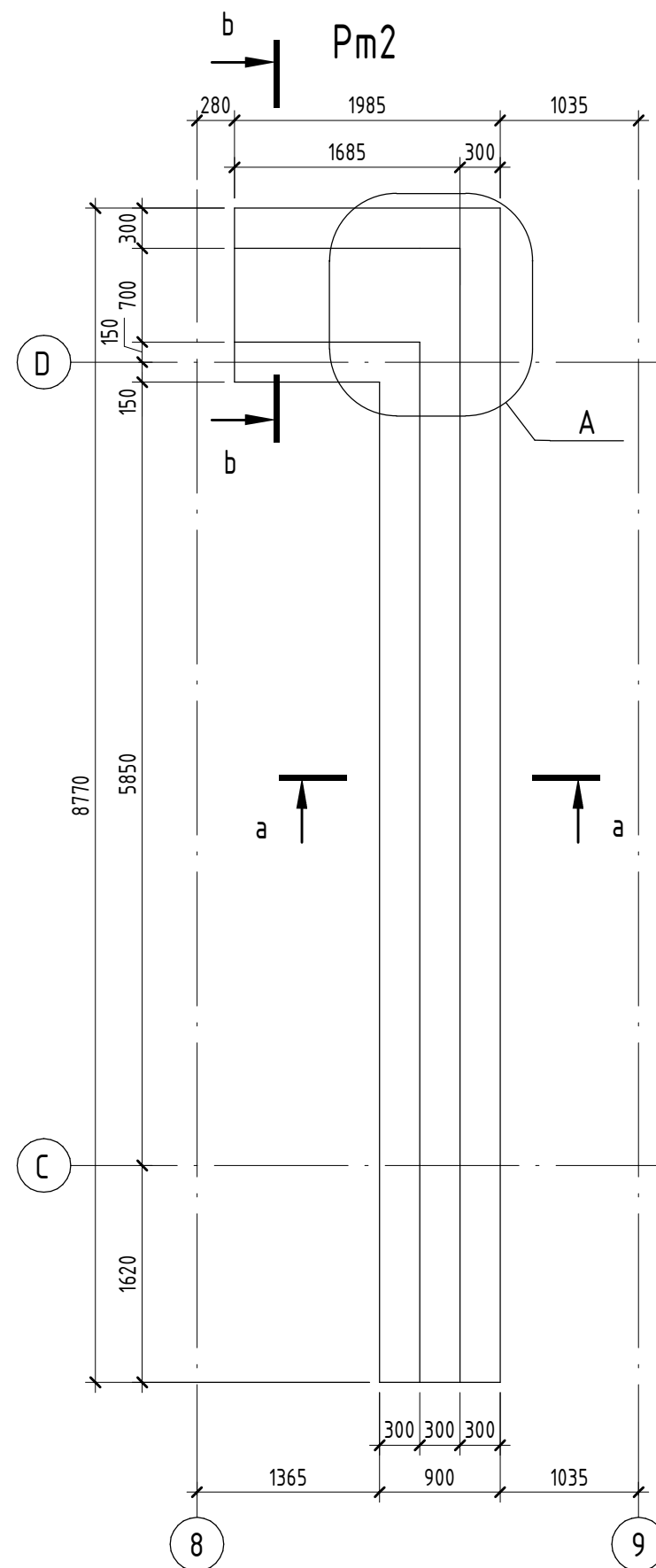
Poz.	Schita
П 18	 A=895; B=240; C=895; $\alpha=90^\circ$; don=50
Ш 19	 A=564; x=70; x'=70; R=6; don=15
Ш 20	 A=512; x=70; x'=70; R=6; don=15
Ш 21	 A=240; x=60; x'=60; R=5; don=15
Ш 22	 A=193; x=60; x'=60; R=5; don=15

Principiul de ancorare a barelor Ø16/20 pentru executarea mustatilor de prindere a coloanelor (vezi fragmentele A, B, C)

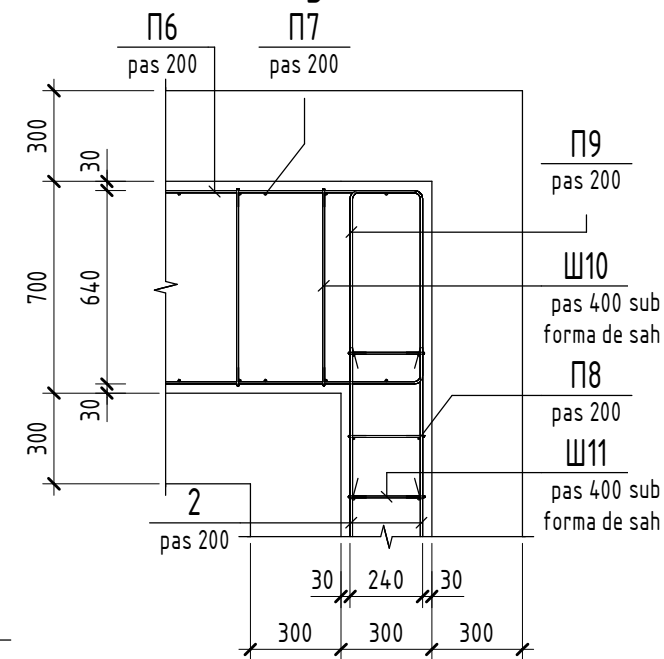


Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	21
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Borderou detalii Fc1		
						PROJECT 345		

N. inv. original	Stimnatura data	In schimb. nr.



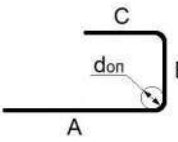
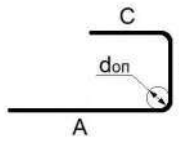
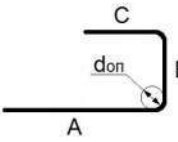
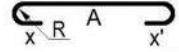
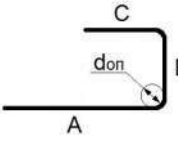
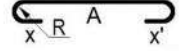
Fragment A



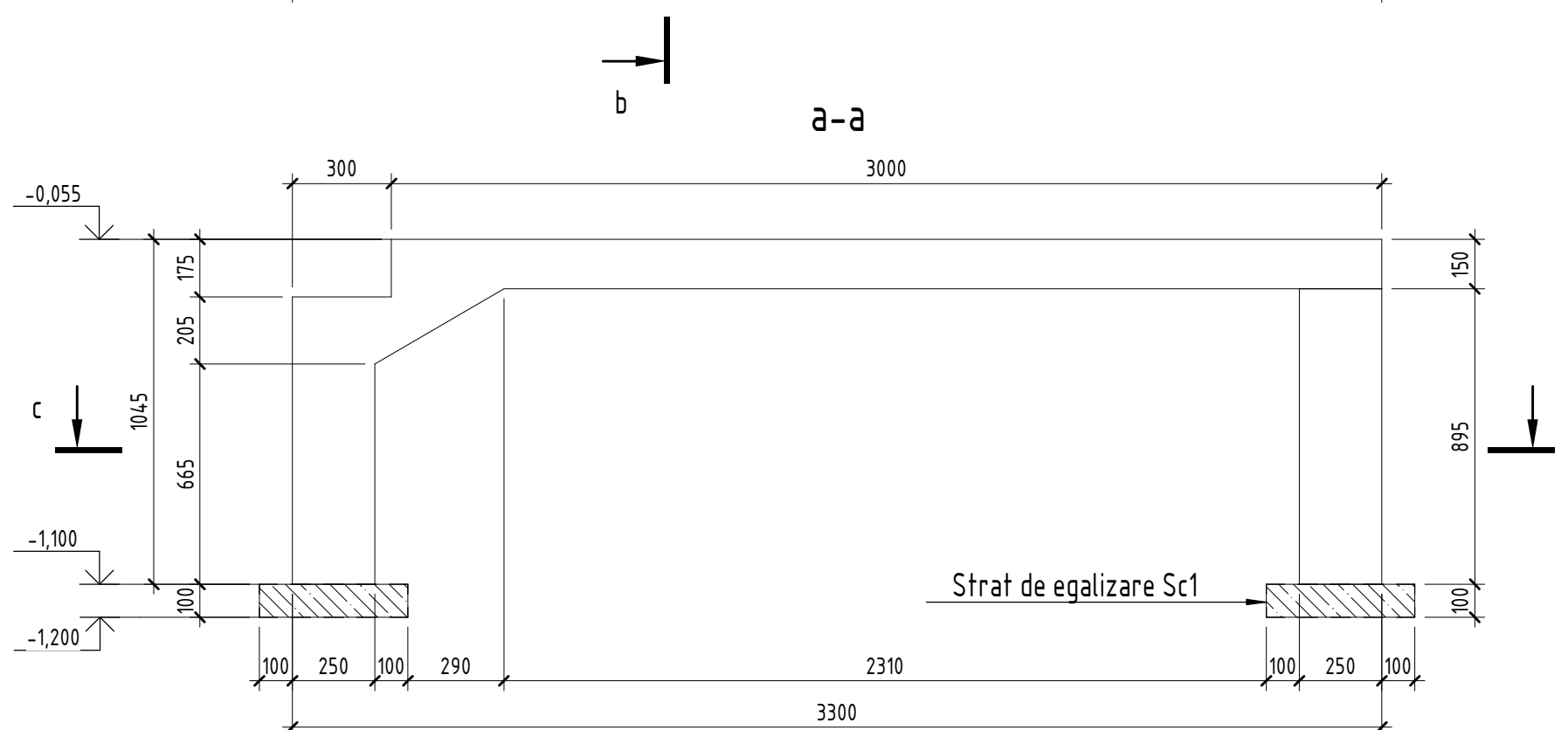
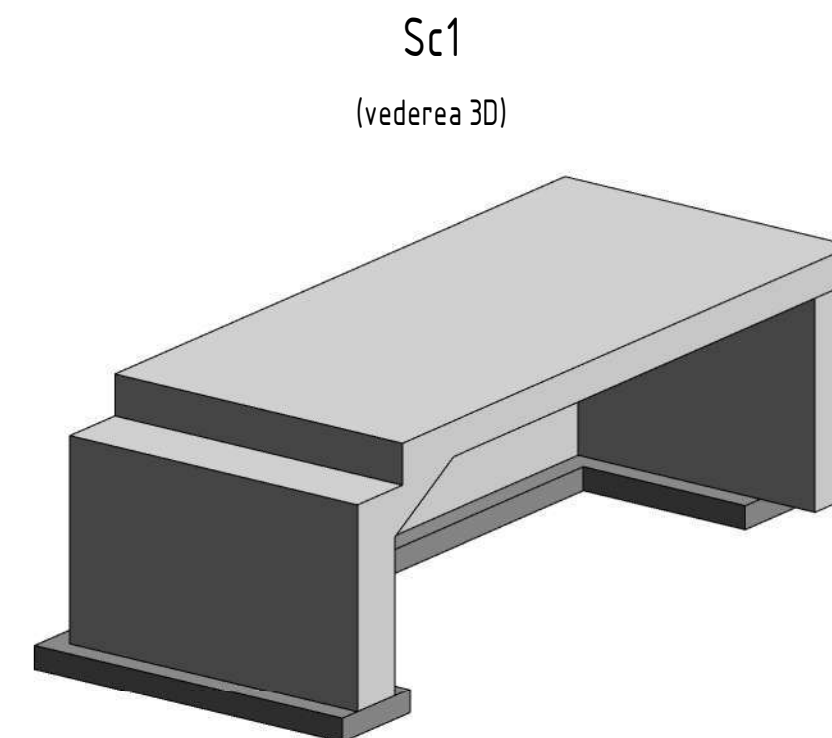
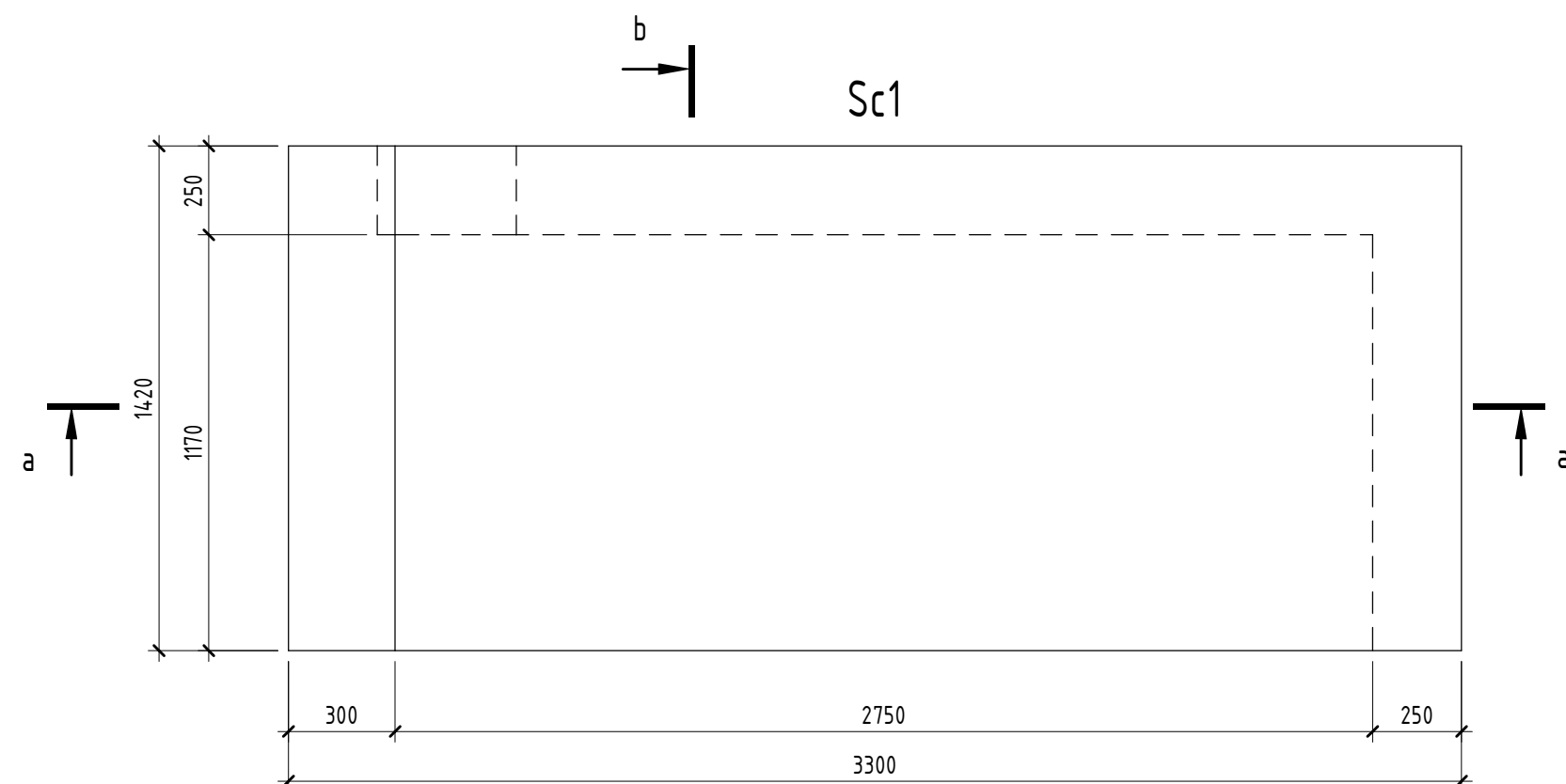
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	22
ISP	Orlic A.				02/23	Pm2		
Inginer	Velesco A.				02/23			
						PROJECT 345		

N. inv. original	In schimb. nr.
Stimnatura data	

Specificatia la schema de armare Pm2					
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		Detalii			
1	SM SR EN 10080:2014	Ø 8 B500B L = 8715	5	3,45	17,25
2	SM SR EN 10080:2014	Ø 8 B500B L = 7890	12	3,12	37,44
3	SM SR EN 10080:2014	Ø 8 B500B L = 1935	7	0,77	5,39
4	SM SR EN 10080:2014	Ø 8 B500B L = 1250	6	0,5	3
5	SM SR EN 10080:2014	Ø 8 B500B L = 850	39	0,34	13,26
П6	SM SR EN 10080:2014	Ø 8 B500B L = 3865	6	1,53	9,18
П7	SM SR EN 10080:2014	Ø 8 B500B L = 2750	9	1,09	9,81
П8	SM SR EN 10080:2014	Ø 8 B500B L = 2365	40	0,94	37,6
П9	SM SR EN 10080:2014	Ø 8 B500B L = 2245	6	0,89	5,34
Ш10	SM SR EN 10080:2014	Ø 6 A240 L = 775	23	0,18	4,14
Ш11	SM SR EN 10080:2014	Ø 6 A240 L = 375	120	0,09	10,8
		Materiale			
Pm2	SM EN 206:2013+A2:2021	Beton C16/20			5,77 m³
Strat de egalizare	SM EN 206:2013+A2:2021	Beton C8/10			1,12 m³

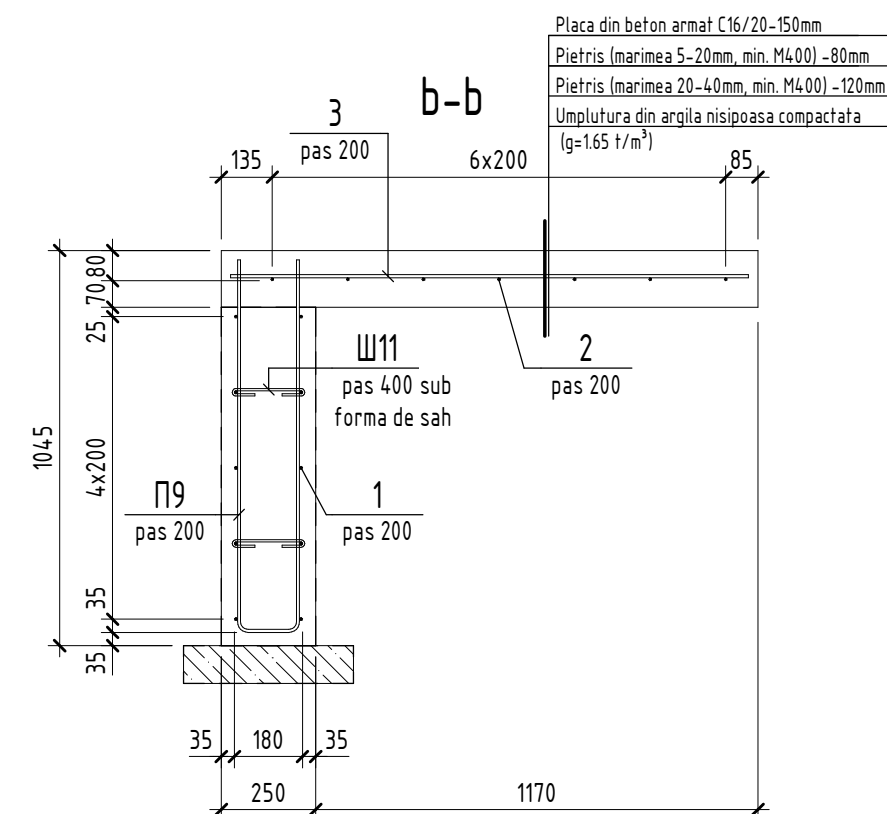
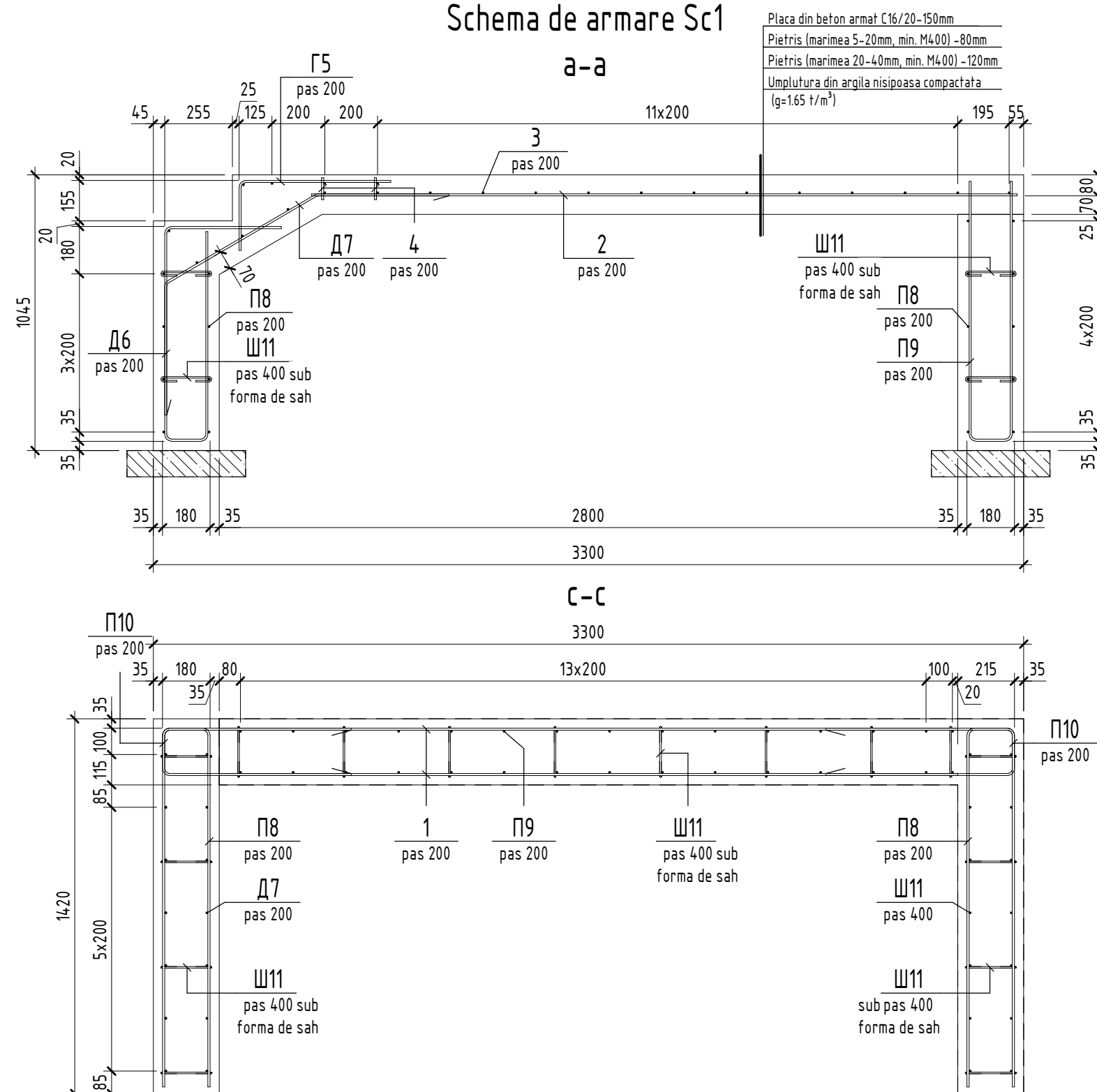
Borderou detalii		Borderou detalii	
Poz.	Schita	Poz.	Schita
П 6	 A=1630; B=640; C=1630; $\alpha=90^\circ$; don=40	П 9	 A=1020; B=240; C=1020; $\alpha=90^\circ$; don=40
П 7	 A=1080; B=625; C=1080; $\alpha=90^\circ$; don=40	Ш 10	 A=640; x=60; x'=60; R=4; don=15
П 8	 A=1090; B=225; C=1090; $\alpha=90^\circ$; don=40	Ш 11	 A=240; x=60; x'=60; R=4; don=15

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data			
Manager	Ghimisli I.				02/23	Bloc sportiv	Faza	Plansa
ISP	Orlic A.				02/23		PE	24
Inginer	Velesco A.				02/23			
						Specificatia la schema de armare Pm2		PROJECT 345



Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
Manager	Ghimisli I.				02/23		PE	25	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23	Sc1	PROJECT 345		

Schema de armare Sc1

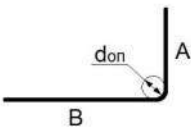
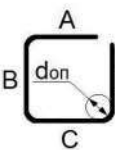
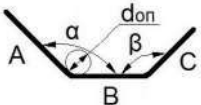
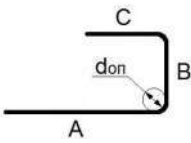


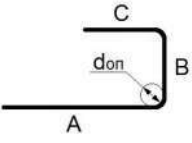
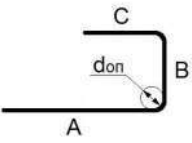
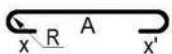
N. inv. original	Stimnatura data	In schimb. nr.

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data					
						Bloc sportiv		Faza	Plansa	Planse
Manager	Ghimisli I.			02/23				PE	26	
ISP	Orlic A.			02/23		Schema de armare Sc1		PROJECT 345		
Inginer	Velesco A.			02/23						

N. inv. original	Stimnatura data	In schimb. nr.

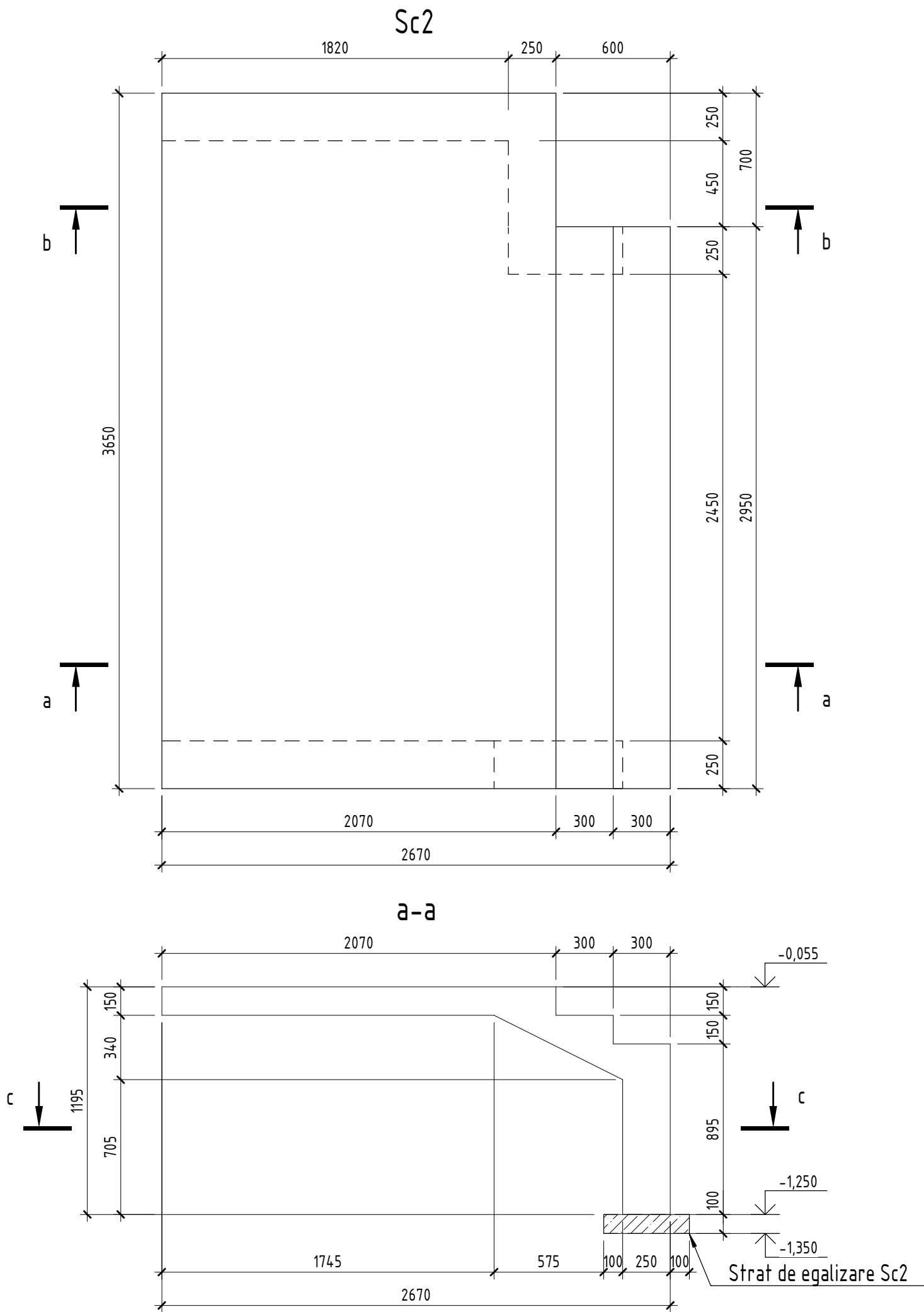
Specificatia la schema de armare Sc1					
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		Detalii			
1	SM SR EN 10080:2014	Ø 8 B500B L = 2800	10	1,11	11,1
2	SM SR EN 10080:2014	Ø 8 B500B L = 2675	7	1,06	7,42
3	SM SR EN 10080:2014	Ø 8 B500B L = 1370	22	0,55	12,1
4	SM SR EN 10080:2014	Ø 8 B500B L = 85	14	0,04	0,56
Г5	SM SR EN 10080:2014	Ø 8 B500B L = 820	7	0,33	2,31
Д6	SM SR EN 10080:2014	Ø 8 B500B L = 2160	7	0,86	6,02
Д7	SM SR EN 10080:2014	Ø 8 B500B L = 1660	7	0,66	4,62
П8	SM SR EN 10080:2014	Ø 8 B500B L = 2865	9	1,14	10,26
П9	SM SR EN 10080:2014	Ø 8 B500B L = 2095	22	0,83	18,26
П10	SM SR EN 10080:2014	Ø 8 B500B L = 1575	9	0,63	5,67
Ш11	SM SR EN 10080:2014	Ø 6 A240 L = 315	55	0,07	3,85
		Materiale			
Sc1	SM EN 206:2013+A2:2021	Beton C16/20			1,94 m³
Strat de egalizare	SM EN 206:2013+A2:2021	Beton C8/10			0,24 m³

Poz.	Schita
Г 5	 A=265; B=575; α=90°; don=40
Д 6	 A=440; B=815; C=165; D=795; α=90°; don=40
Д 7	 A=500; B=665; C=500; α=120,26°; β=149,74°; don=40
П 8	 A=1360; B=180; C=1360; α=90°; don=40

Poz.	Schita
П 9	 A=985; B=165; C=985; α=90°; don=40
П 10	 A=715; B=180; C=715; α=90°; don=40
Ш 11	 A=180; x=60; x'=60; R=4; don=15

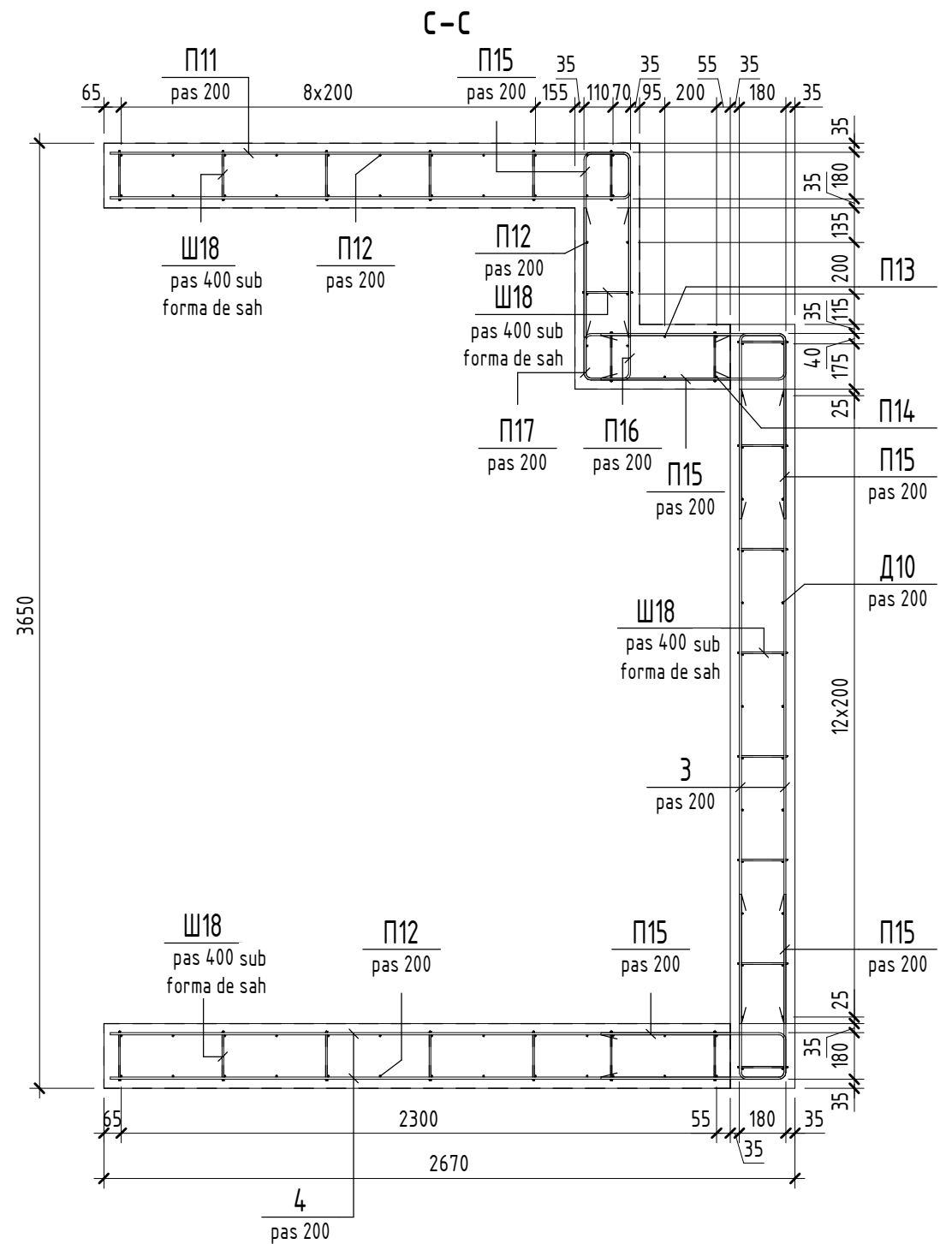
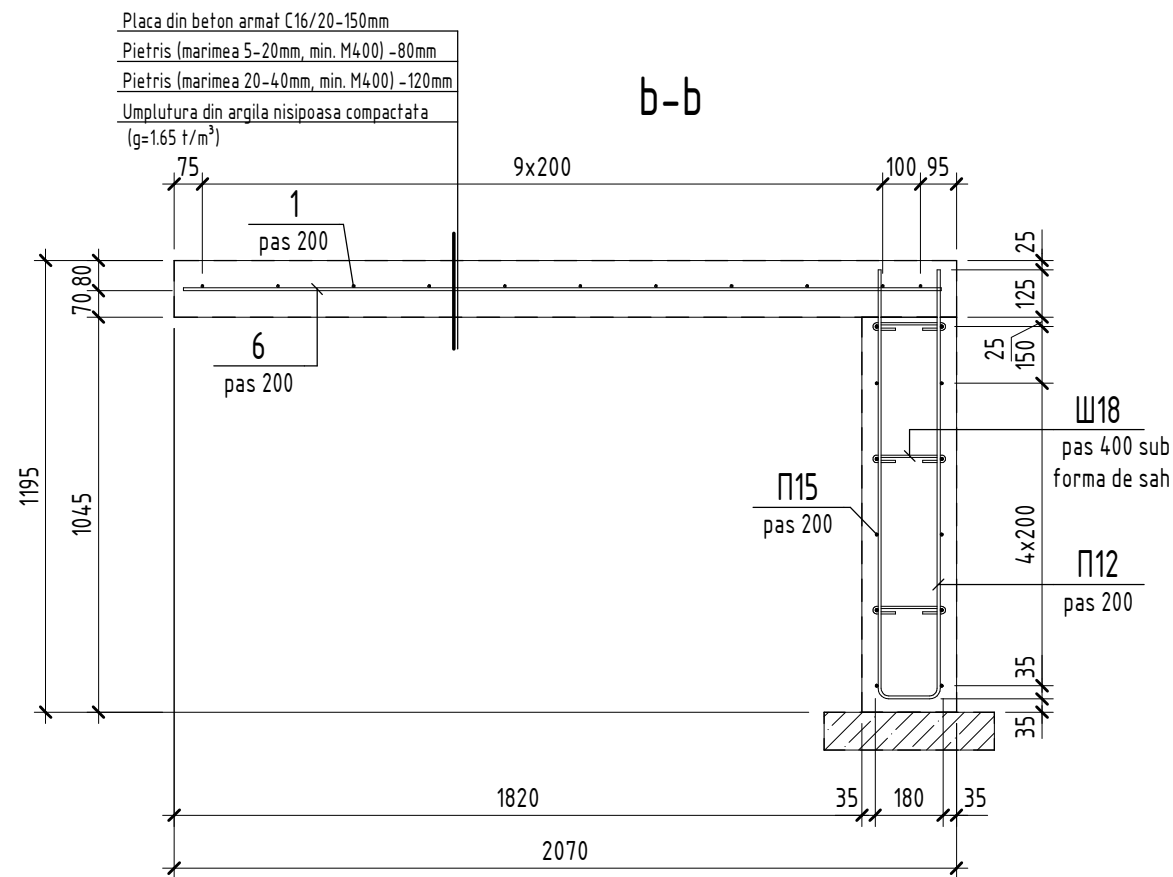
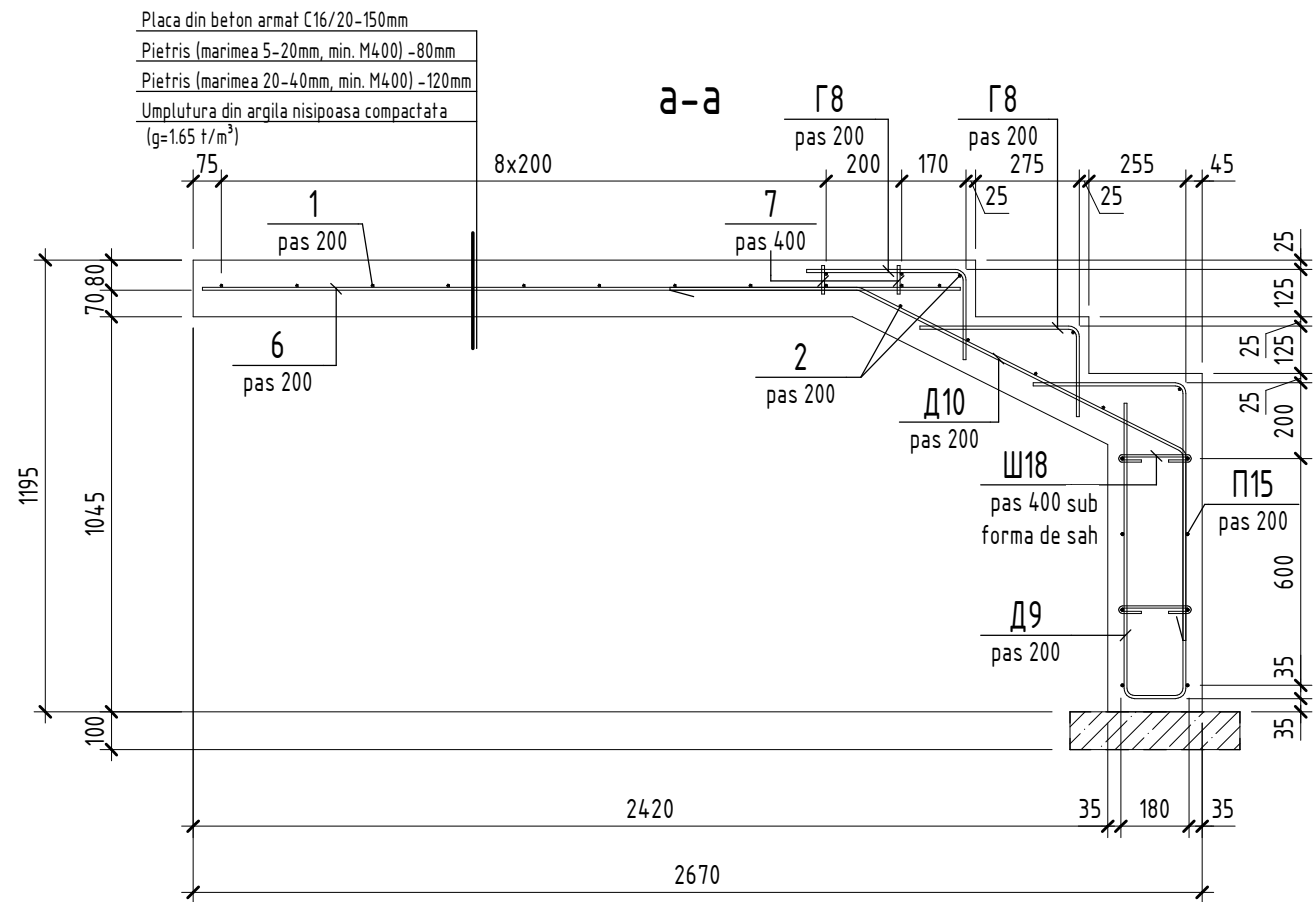
Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data			
Manager	Ghimisli I.				02/23	Bloc sportiv	Faza	Plansa
ISP	Orlic A.				02/23		PE	27
Inginer	Velesco A.				02/23			
						Specificatia la schema de armare Sc1		PROJECT 345

N. inv. original	Simnatura	data	In schimb. nr.



Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foae	Nºdoc.	Semn.	Data					
Manager	Ghimisli I.				02/23	Bloc sportiv		Faza	Plansa	Planse
ISP	Orlic A.				02/23			PE	28	
Inginer	Velesco A.				02/23	Sc2		PROJECT 345		

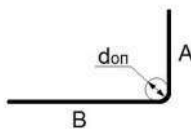
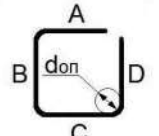
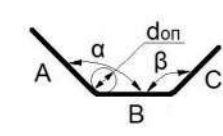
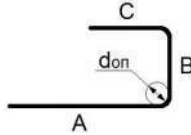
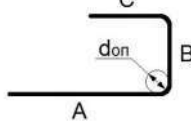
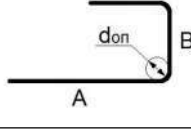
N. inv. original	
Simnatura data	In schimb. nr.

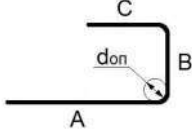
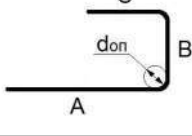
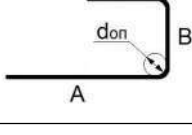
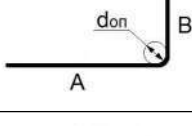
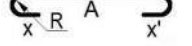


Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data					
Manager		Ghimisli I.			02/23	Bloc sportiv		Faza	Plansa	Planse
ISP		Orlic A.			02/23			PE	29	
Inginer		Velesco A.			02/23					
						Schema de armare Sc2		PROJECT 345		

N. inv. original	Stimnatura data	In schimb. nr.

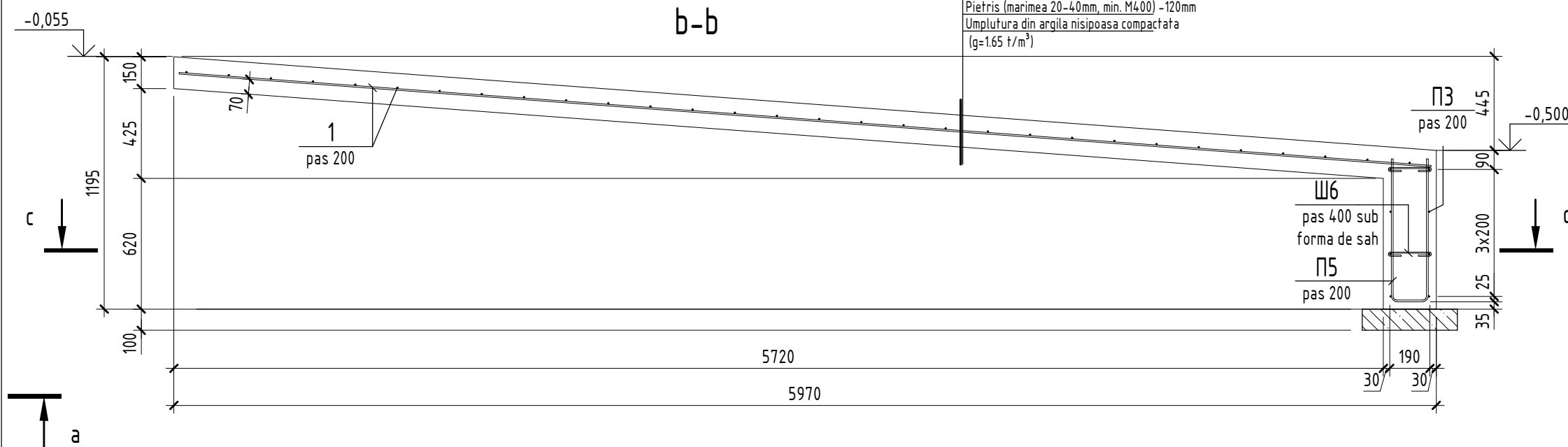
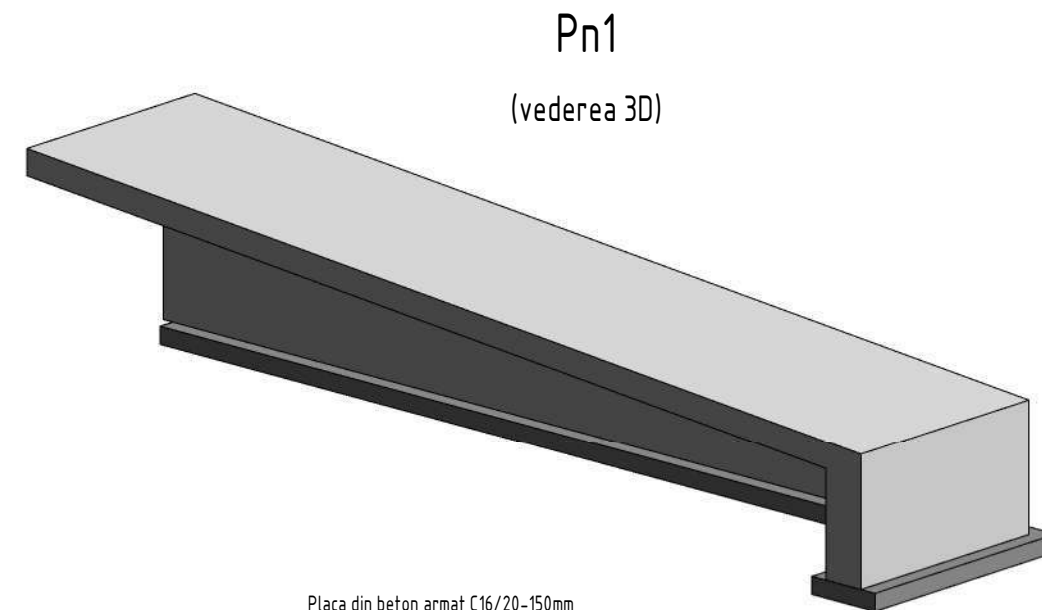
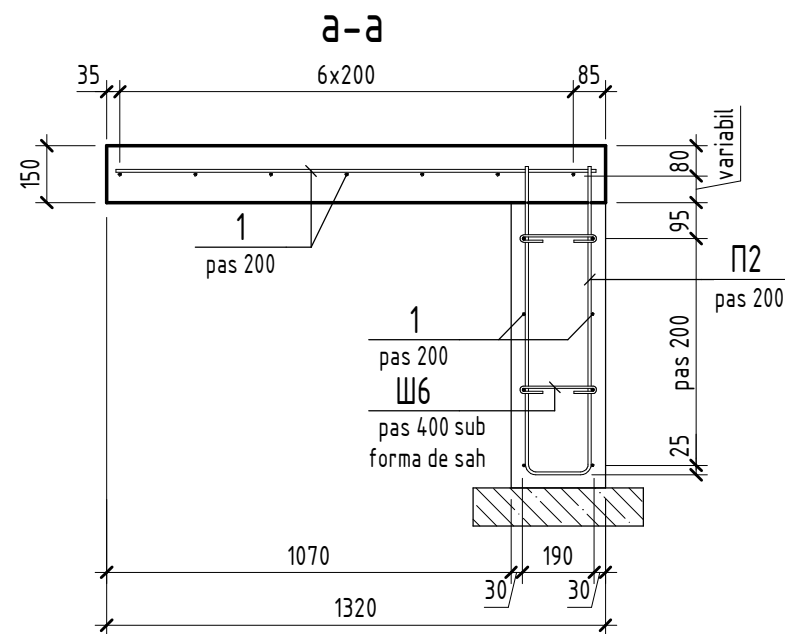
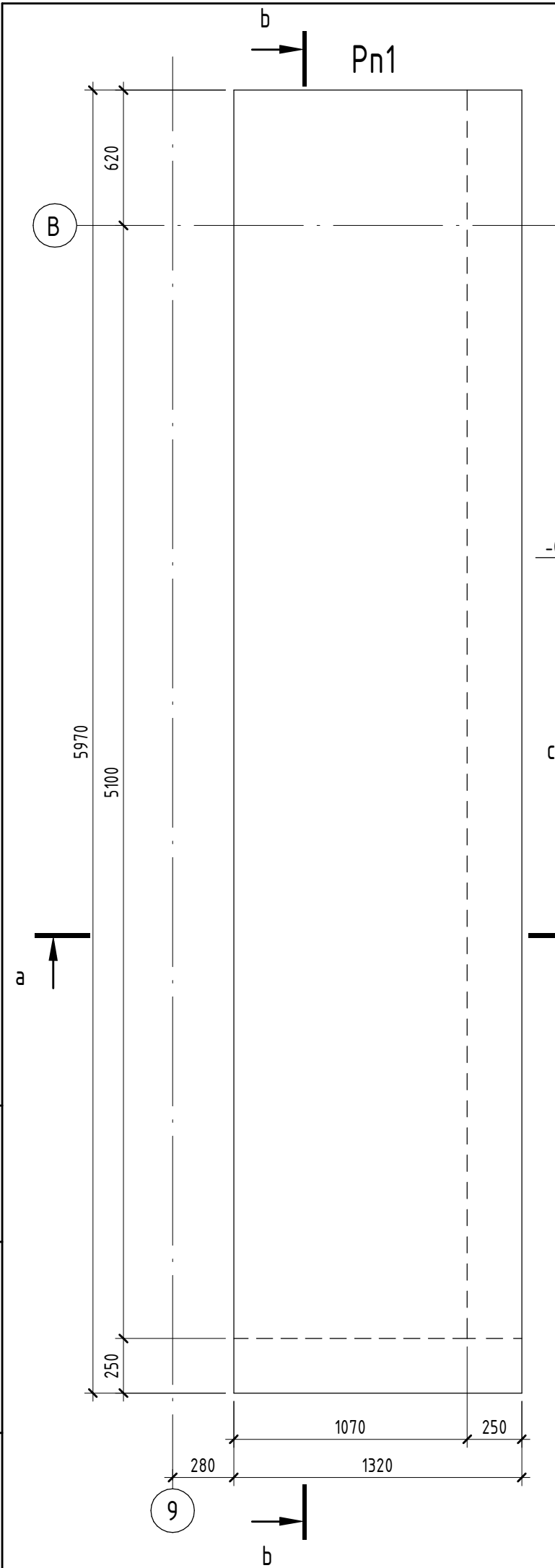
Specificatia la schema de armare Sc2					
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		Detalii			
1	SM SR EN 10080:2014	Ø 8 B500B L = 3600	13	1,43	18,59
2	SM SR EN 10080:2014	Ø 8 B500B L = 2900	7	1,15	8,05
3	SM SR EN 10080:2014	Ø 8 B500B L = 2450	8	0,97	7,76
4	SM SR EN 10080:2014	Ø 8 B500B L = 2395	10	0,95	9,5
5	SM SR EN 10080:2014	Ø 8 B500B L = 2320	2	0,92	1,84
6	SM SR EN 10080:2014	Ø 8 B500B L = 2005	19	0,8	15,2
7	SM SR EN 10080:2014	Ø 8 B500B L = 75	18	0,03	0,54
Г8	SM SR EN 10080:2014	Ø 8 B500B L = 645	30	0,26	7,8
Д9	SM SR EN 10080:2014	Ø 8 B500B L = 2130	15	0,85	12,75
Д10	SM SR EN 10080:2014	Ø 8 B500B L = 1960	15	0,78	11,7
П11	SM SR EN 10080:2014	Ø 8 B500B L = 4165	6	1,65	9,9
П12	SM SR EN 10080:2014	Ø 8 B500B L = 2395	25	0,95	23,75
П13	SM SR EN 10080:2014	Ø 8 B500B L = 2095	2	0,83	1,66
П14	SM SR EN 10080:2014	Ø 8 B500B L = 1795	2	0,71	1,42
П15	SM SR EN 10080:2014	Ø 8 B500B L = 1575	22	0,63	13,86
П16	SM SR EN 10080:2014	Ø 8 B500B L = 1475	6	0,59	3,54
П17	SM SR EN 10080:2014	Ø 8 B500B L = 1275	5	0,51	2,55
Ш18	SM SR EN 10080:2014	Ø 6 A240 L = 315	93	0,07	6,51
		Materiale			
Sc2	SM EN 206:2013+A2:2021	Beton C16/20			3,50 m³
Strat de egalizare	SM EN 206:2013+A2:2021	Beton C8/10			0,38 m³

Borderou detalii	
Poz.	Schita
Г 8	 A=240; B=420; $\alpha=90^{\circ}$; don=40
Д 9	 A=405; B=835; C=165; D=780; $\alpha=90^{\circ}$; don=40
Д 10	 A=500; B=965; C=500; $\alpha=153,43^{\circ}$; $\beta=116,57^{\circ}$; don=40
П 11	 A=2010; B=180; C=2010; $\alpha=90^{\circ}$; don=40
П 12	 A=1135; B=165; C=1135; $\alpha=90^{\circ}$; don=40
П 13	 A=985; B=165; C=985; $\alpha=90^{\circ}$; don=40

Borderou detalii	
Poz.	Schita
П 14	 A=835; B=165; C=835; $\alpha=90^{\circ}$; don=40
П 15	 A=715; B=180; C=715; $\alpha=90^{\circ}$; don=40
П 16	 A=665; B=180; C=665; $\alpha=90^{\circ}$; don=40
П 17	 A=565; B=180; C=565; $\alpha=90^{\circ}$; don=40
Ш 18	 A=180; x=60; x'=60; R=4; don=15

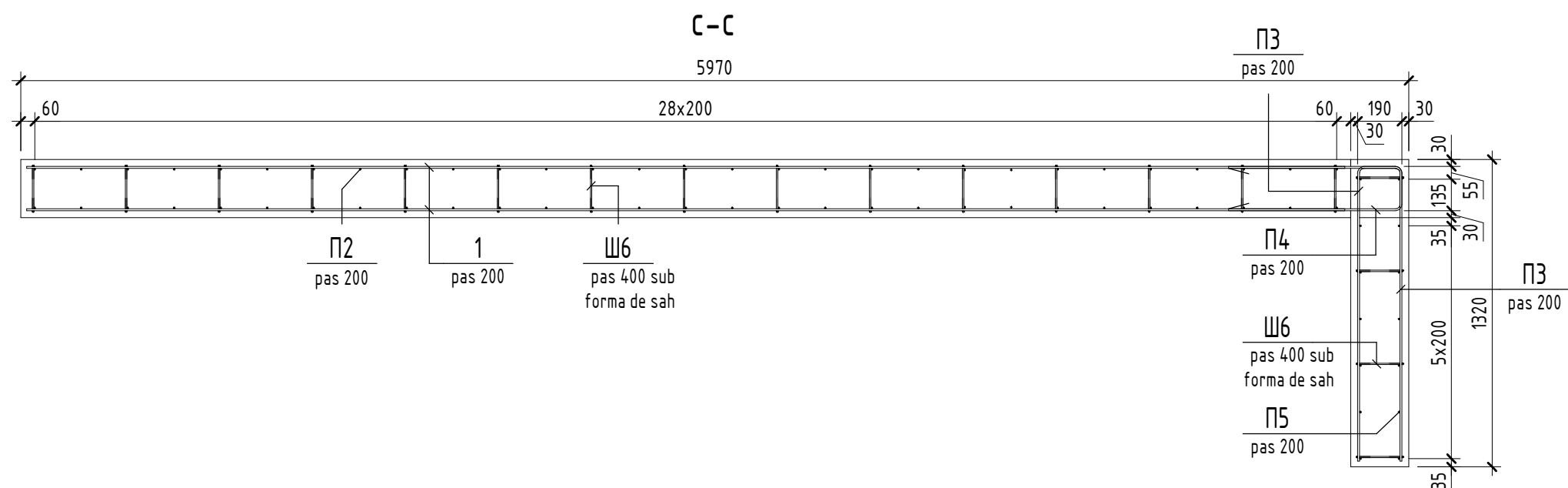
Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data			
Manager	Ghimisli I.				02/23	Bloc sportiv	Faza	Plansa
ISP	Orlic A.				02/23		PE	30
Inginer	Velesco A.				02/23			
						Specificatia la schema de armare Sc2		PROJECT 345

N. inv. original	Stimnatura data	In schimb. nr.



Placa din beton armat C16/20-150mm
Pietris (marimea 5-20mm, min. M400) - 80mm
Pietris (marimea 20-40mm, min. M400) - 120mm
Umplutura din argila nisipoasa compactata
(g=1.65 t/m³)

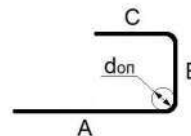
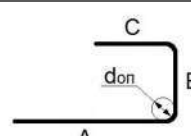
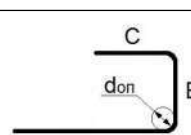
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	31
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Pn1	PROJECT 345	



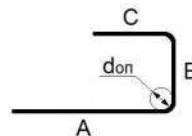
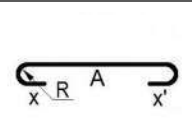
Specificatia la schema de armare Pn1

Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		Detalii			
1	SM SR EN 10080:2014	Ø 8 B500B Løðщ(mn)	144,05	0,395	56,9
P2	SM SR EN 10080:2014	Ø 8 B500B Løðщ(mn)	61,13	0,395	24,16
P3	SM SR EN 10080:2014	Ø 8 B500B L = 2685	4	1,07	4,28
P4	SM SR EN 10080:2014	Ø 8 B500B L = 1645	4	0,65	2,6
P5	SM SR EN 10080:2014	Ø 8 B500B L = 1485	7	0,59	4,13
W6	SM SR EN 10080:2014	Ø 6 A240 L = 325	62	0,08	4,96
		Materiale			
Pn1	SM EN 206:2013+A2:2021	Beton C16/20			2,58 m³
Strat de egalizare	SM EN 206:2013+A2:2021	Beton C8/10			0,31 m³

Borderou detalii

Poz.	Schita
P 2	 A=1265; B=190; C=1265; α=90°; don=40
P 3	 A=745; B=190; C=745; α=90°; don=40
P 4	 A=745; B=190; C=745; α=90°; don=40

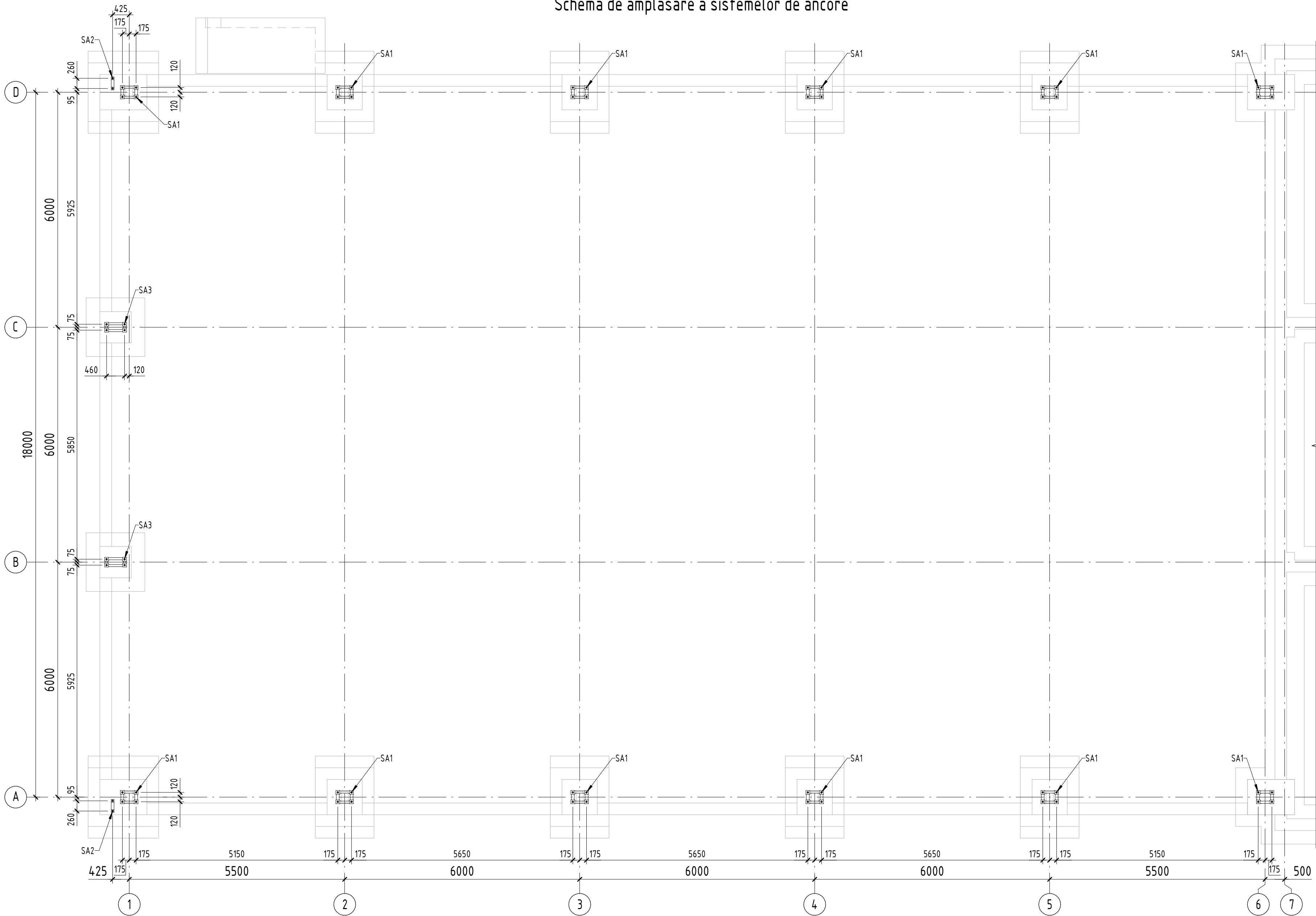
Borderou detalii

Poz.	Schita
P 5	 A=675; B=175; C=675; α=90°; don=40
W 6	 A=190; x=60; x'=60; R=4; don=15

N. inv. original	In schimb. nr.
Stimnatura data	

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	32
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23			
						Specificatia la schema de armare Pn1		
						PROJECT 345		

Schema de amplasare a sistemelor de ancore

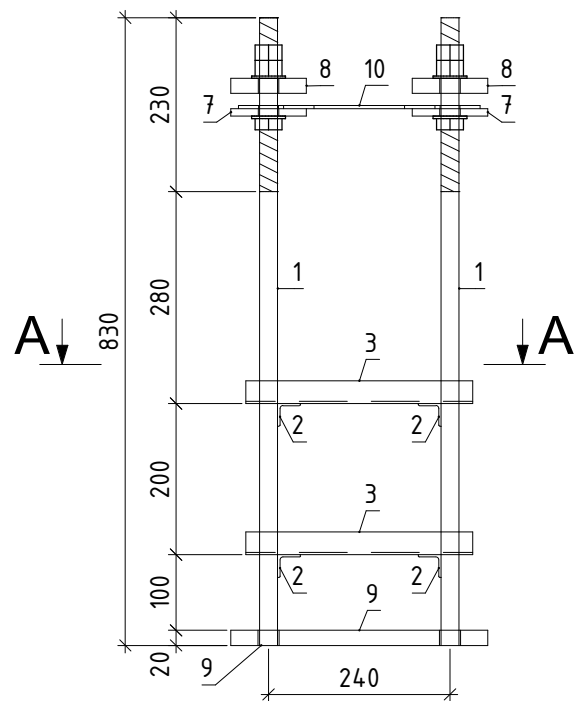


Boredrou de elemente					
N°	Marca elementului	Denumirea	Cantitatea buc.	Greutatea, kg	
				buc.	total
1	SA1	Sistem de ancore	12	38,12	457,39
2	SA2	Sistem de ancore	2	13,71	27,41
3	SA3	Sistem de ancore	2	35,17	70,33
Greutatea totala:				637,7	

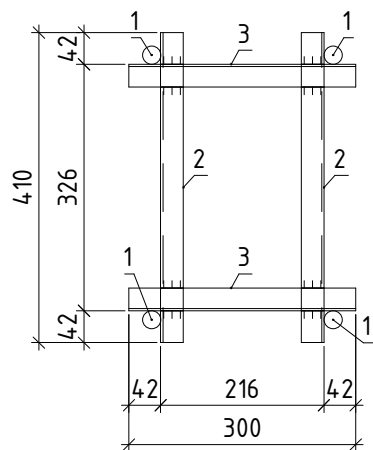
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (construcie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data			Faza	Plansa	Planse
Manager	Ghimisli I.				02/23	Bloc sportiv		PE	33	
ISP	Orlic A.				02/23	Schema de amplasare a sistemelor de ancore		PROJECT 345		
Inginer	Velesco A.				02/23					

N. inv. original	Simnatura	data	In schimb. nr.

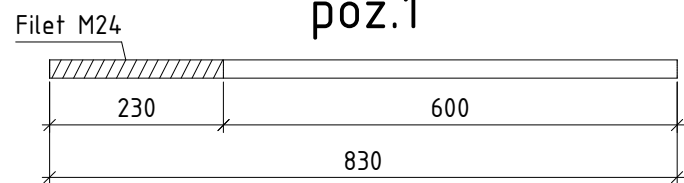
Sistem de ancore SA1 (12 buc.)



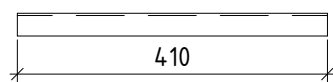
A - A



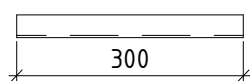
poz.1



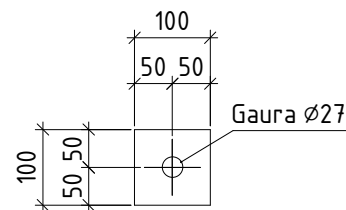
poz.2



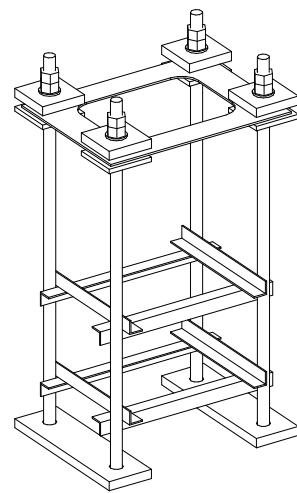
poz.3



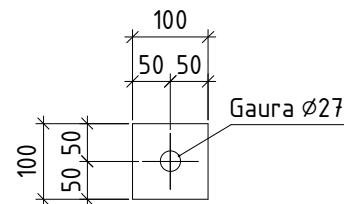
poz.7



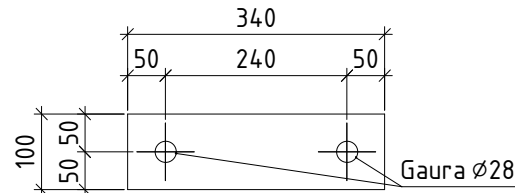
Vederea 3D



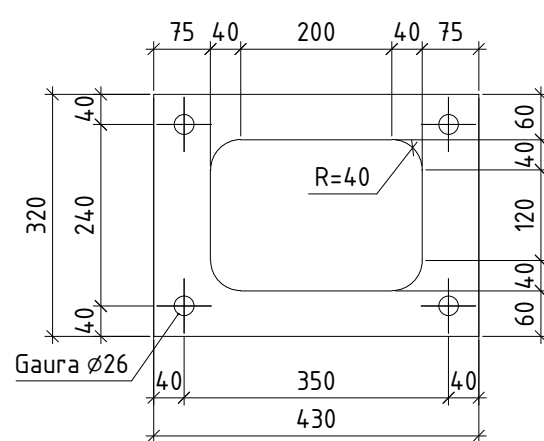
poz.8



poz.9

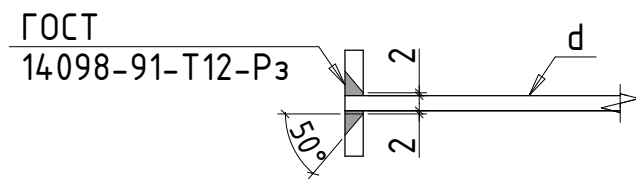


poz.10



Specificatia										
Pozitia elemen- tului	Nr. detal- liu	Cant.		Denumire	Lungime mm	Greutate, kg			Marca	Nota
		buc.				buc.	total	elem.		
SA1	3	4		L30x3	300	0.41	1.63	38.12	C245	
	2	4		L30x3	410	0.56	2.23		C245	
	1	4		RD24 AI	830	2.95	11.79		C245	
	10	1		† 4x320x430	430	2.54	2.54		C245	
	7	4		† 10x100x100	100	0.74	2.96		C245	
	8	4		† 20x100x100	100	1.48	5.92		C245	
	9	2		† 20x100x340	340	5.15	10.29		C245	
	17	8		Saiba M24						
	18	12		Piulita M24, cl.8						
			Greutatea sudurii 2%						0.75	

Principiu de sudare

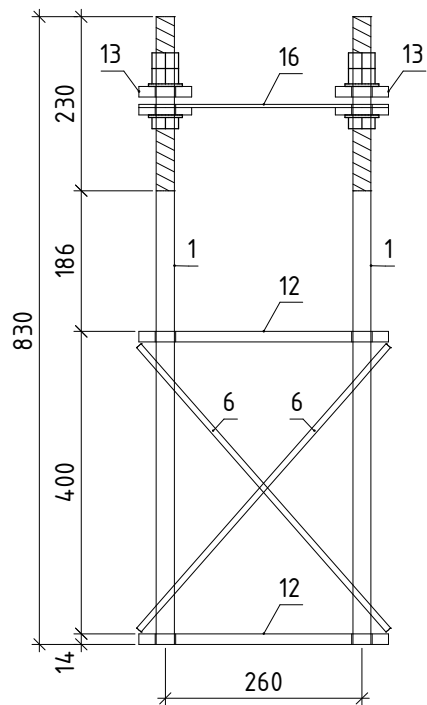


Specificatia elementelor			
Pozitia elemen- tului	Cantita- tea buc.	Greutatea, kg	
		buc.	total
SA1	12	38.12	457.39
Greutatea totala		457.39	

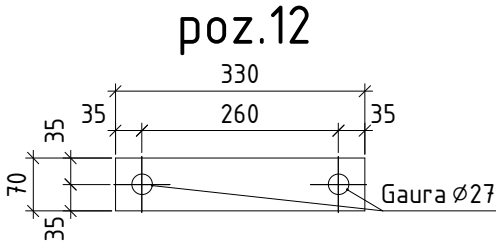
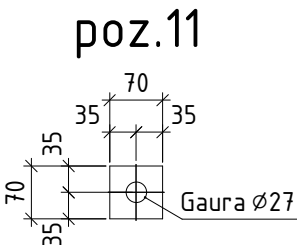
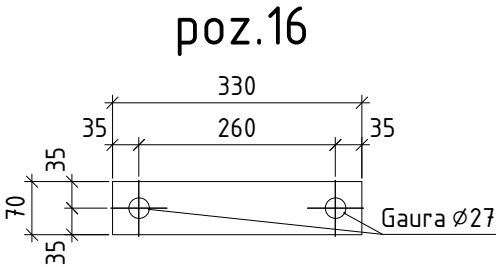
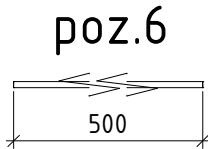
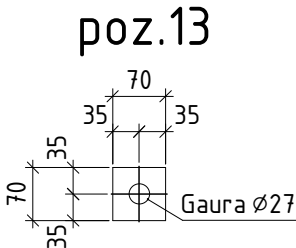
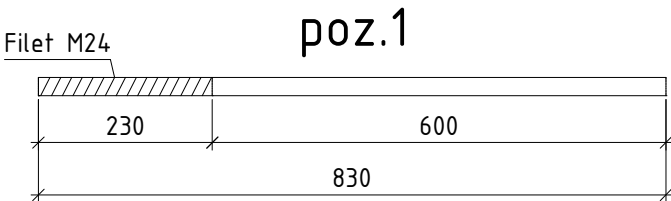
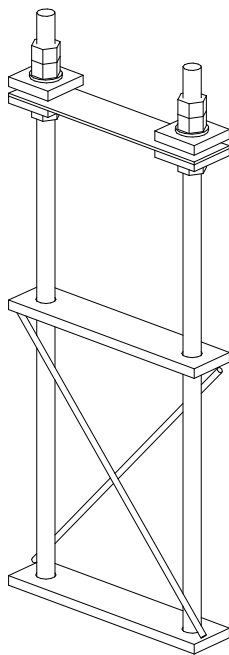
N. inv. original	Simnatura data	In schimb. nr.
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Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foia	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	34
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Sistem de ancore SA1		
						PROJECT 345		

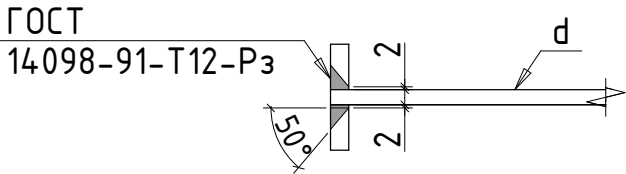
Sistem de ancore SA2 (2 buc.)



Vederea 3D



Principiu de sudare



Specificatia										
Pozitia elemen- tului	Nr. detala- liu	Cant.		Denumire	Lungime mm	Greutate, kg			Marca	Nota
		buc.				buc.	total	elem.		
SA2	6	2		RD8 AIII	500	0.2	0.39	13.71	C245	
	1	2		RD24 AI	830	2.95	5.9		C245	
	16	1		† 4x70x330	330	0.69	0.69		C245	
	11	2		† 10x70x70	70	0.34	0.68		C245	
	13	2		† 14x70x70	70	0.48	0.95		C245	
	12	2		† 14x70x330	330	2.41	4.83		C245	
	17	4		Saiba M24						
	18	6		Piulita M24, cl.8						
		Greutatea sudurii 2%							0.27	

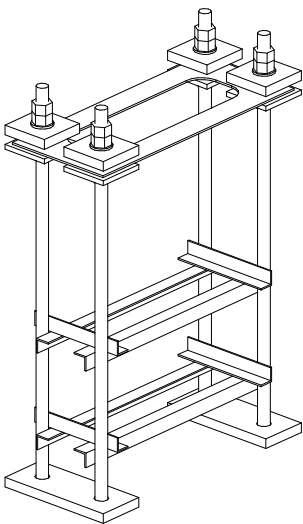
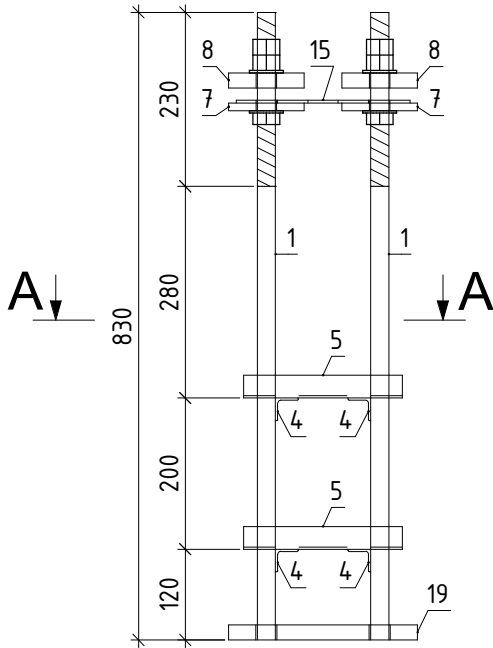
Specificatia elementelor			
Pozitia elemen- tului	Cantita- tea buc.	Greutatea, kg	
		buc.	total
SA2	2	13.71	27.41
Greutatea totala			27.41

N. inv. original	Stimnatura data	In schimb. nr.
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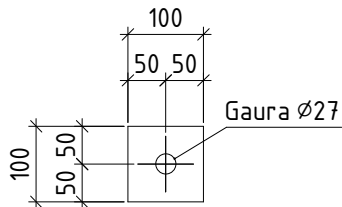
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	35
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Sistem de ancore SA2		
						PROJECT 345		

Sistem de ancore SA3 (2 buc.)

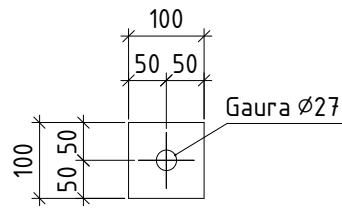
Vederea 3D



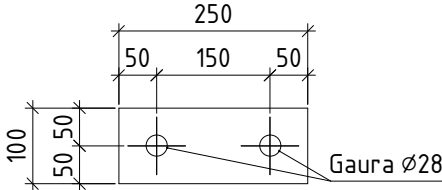
poz.7



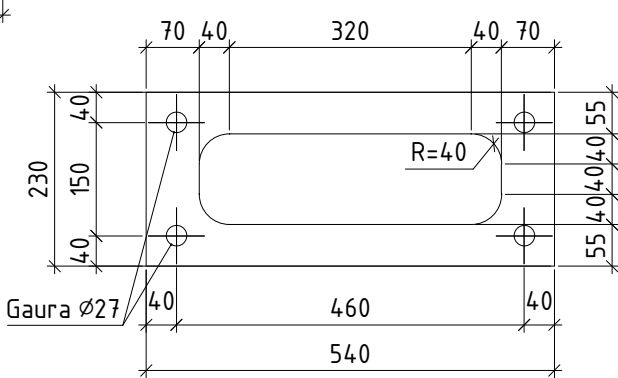
poz.8



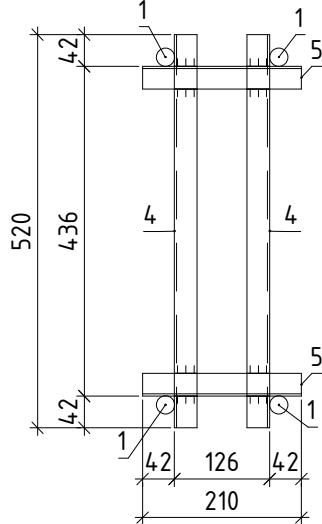
poz.14



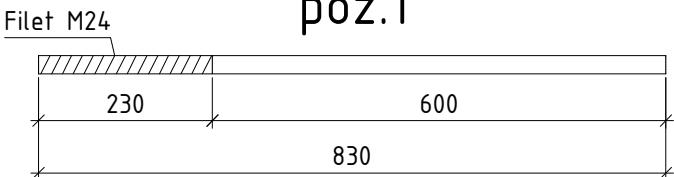
poz.15



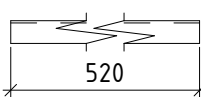
A - A



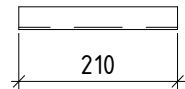
poz.1



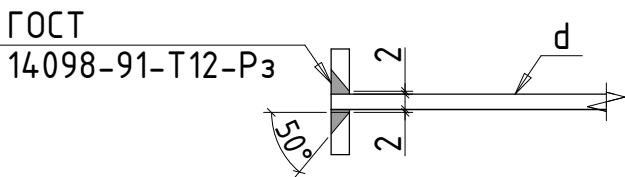
poz.4



poz.5



Principiu de sudare



Specificatia

Pozitia elemen- tului	Nr. deta- liu	Cant.		Denumire	Lungime mm	Greutate, kg			Marca	Nota
		buc.				buc.	total	elem.		
SA3	4	4		L30x3	520	0.71	2.83		C245	
	5	4		L30x3	210	0.29	1.14		C245	
	1	4		RD24 AIII	830	2.95	11.79		C245	
	15	1		† 4x230x540	540	2.37	2.37		C245	
	7	4		† 10x100x100	100	0.74	2.96		C245	
	8	4		† 20x100x100	100	1.48	5.92		C245	
	14	2		† 20x100x250	250	3.73	7.47		C245	
	17	8		Saiba M24						
	18	12		Piulita M24, cl.8						
Greutatea sudurii 2%						0.69		35.17		

Specificatia elementelor

Pozitia elemen- tului	Cantita- tea buc.	Greutatea, kg	
		buc.	total
SA3	2	35.17	70.33
Greutatea totala			70.33

Beneficiar: IP LT Vasile Alecsandri

25/23 - CBA

Construirea salii de sport aferent institutiei de invatamint, bloc
sportiv (constructie tip P+1E) situat in mun. Ungheni,
str. M. Eminescu 49

Mod. Plansa Foaie N°doc. Semn. Data
Manager Ghimisli I. 02/23
ISP Orlic A. 02/23
Inginer Velesco A. 02/23

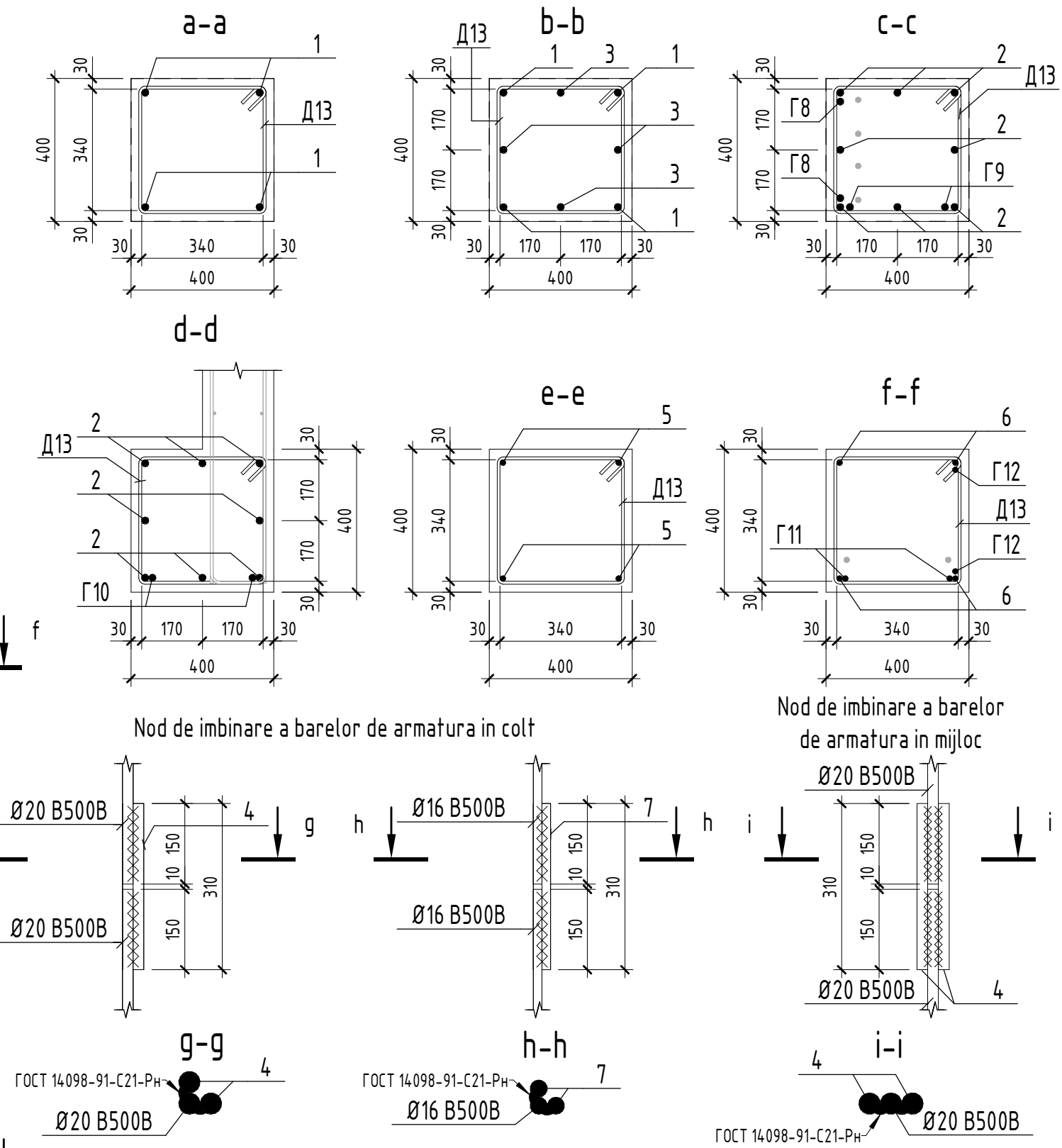
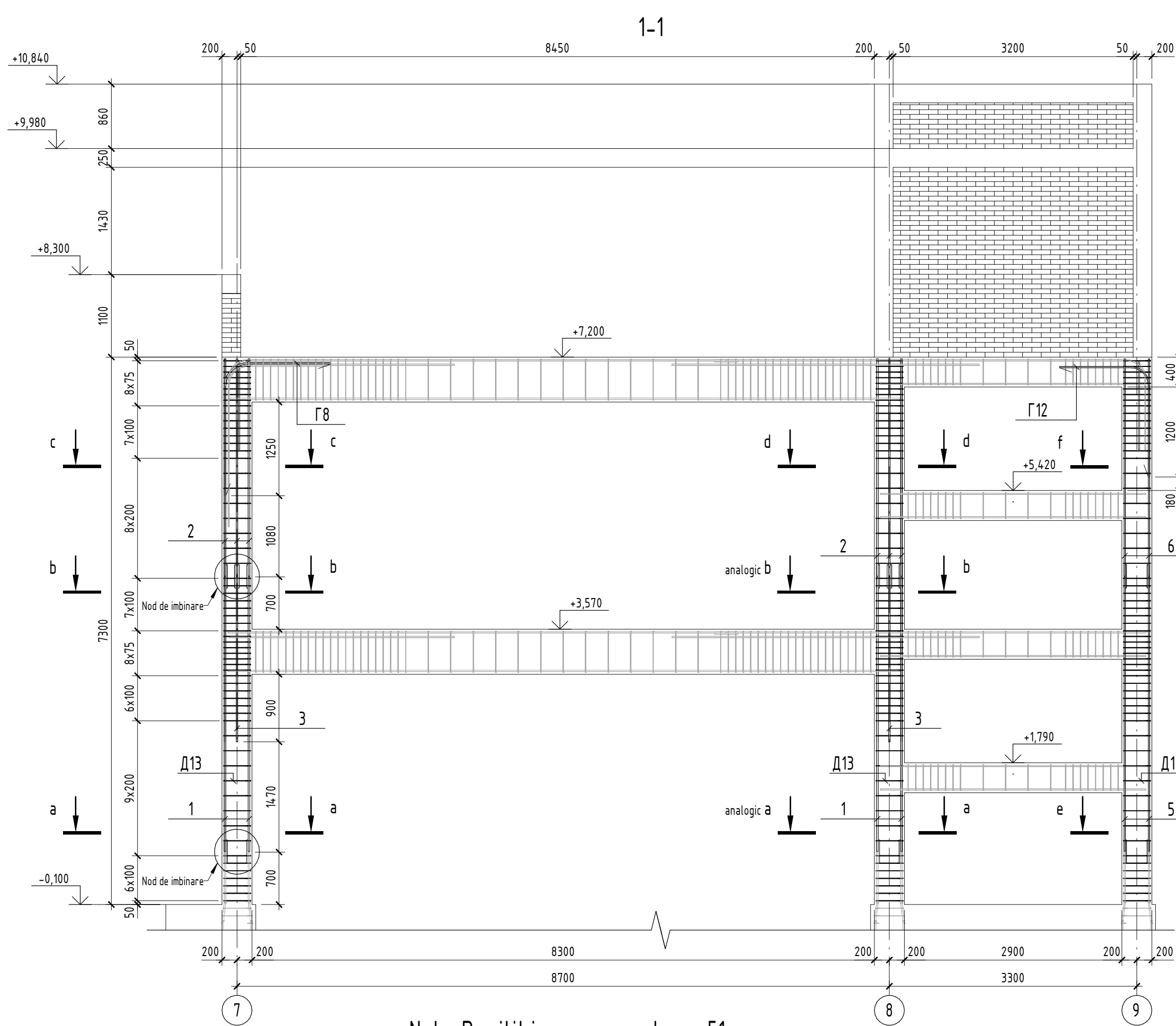
Bloc sportiv

Faza Plansa Planse
PE 36

Sistem de ancore SA3

PROJECT 345

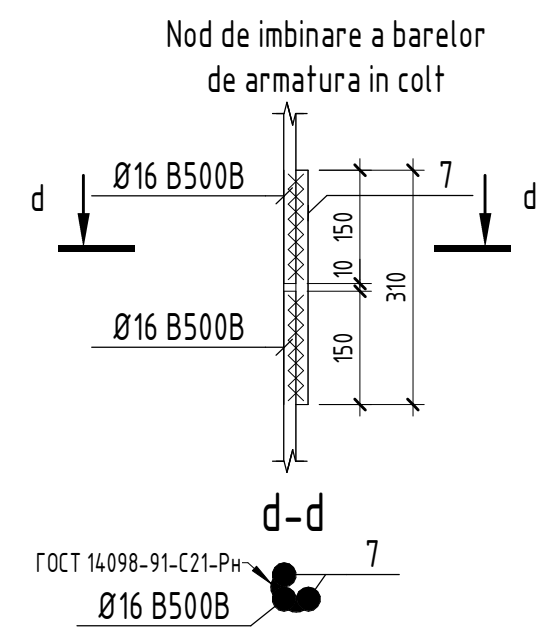
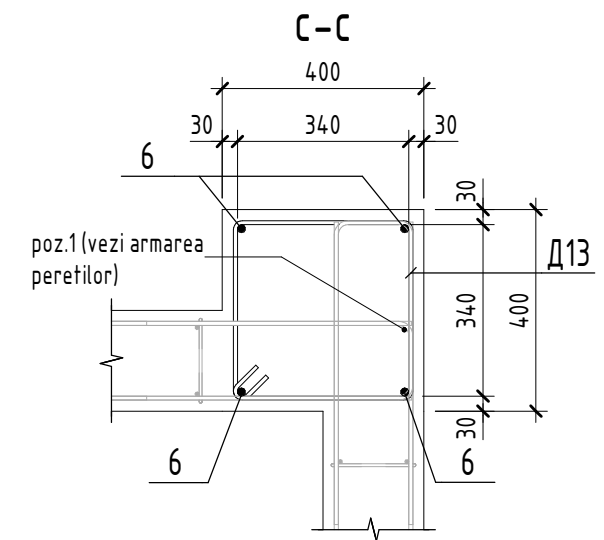
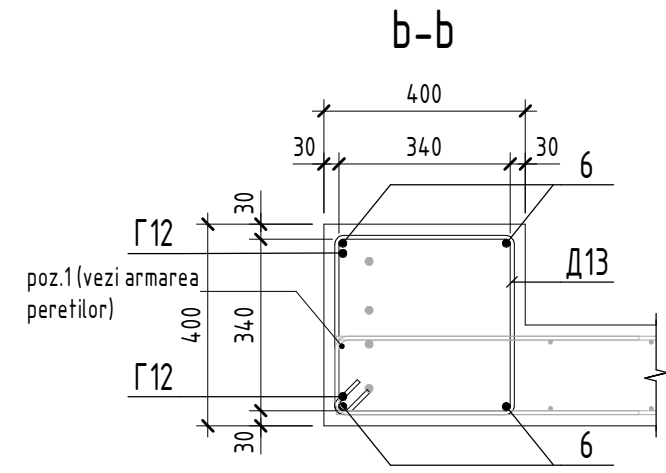
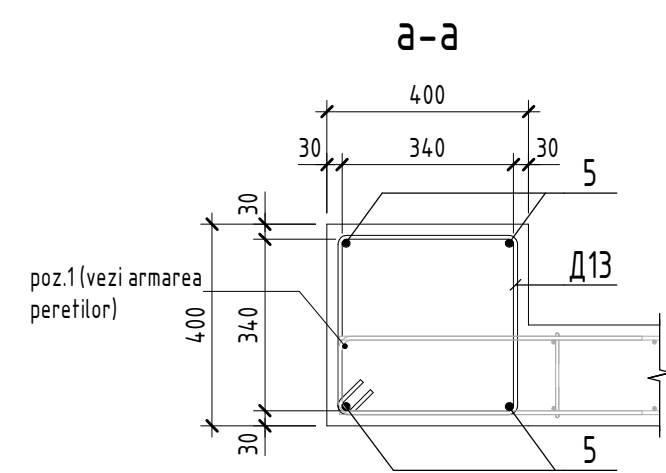
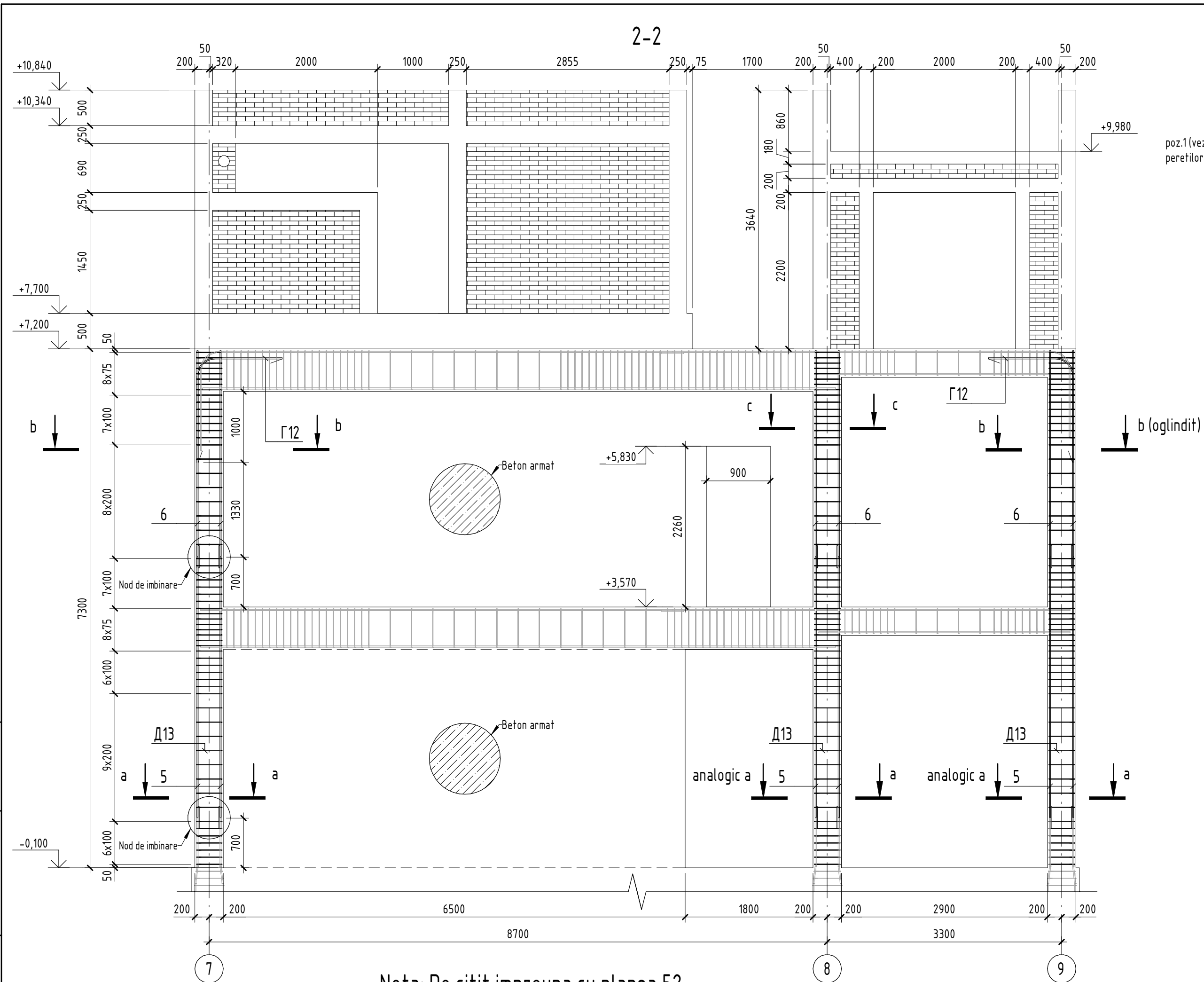
N. inv. original	Stmatura data	In schimb. nr.



Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (construcie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
							PE	38	
Manager	Ghimisli I.		02/23			Sectiunea 1-1 (armarea coloanelor)	PROJECT 345		
ISP	Orlic A.		02/23						
Inginer	Velesco A.		02/23						

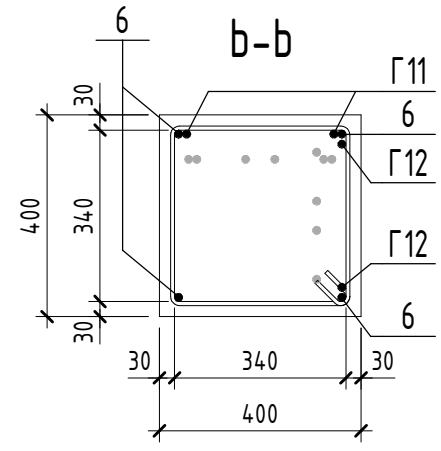
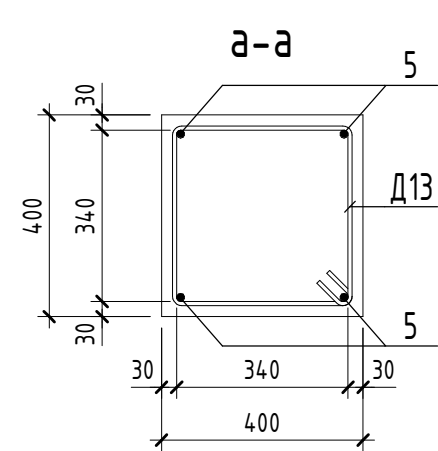
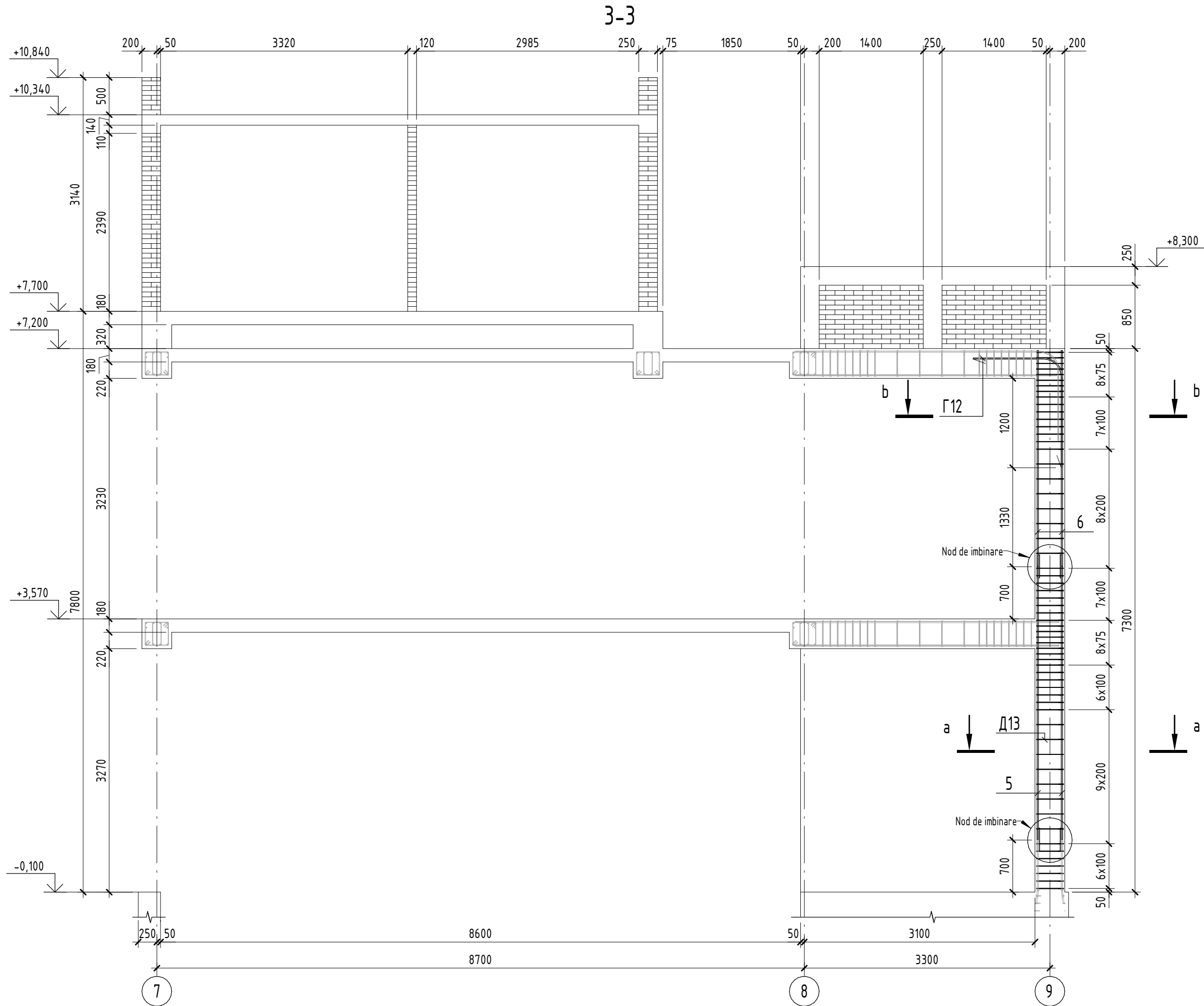
Nota: De citit impreuna cu plansa 51

N. inv. original	Stmatura data	In schimb. nr.

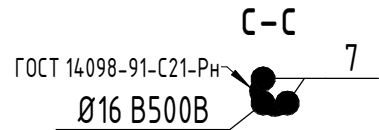
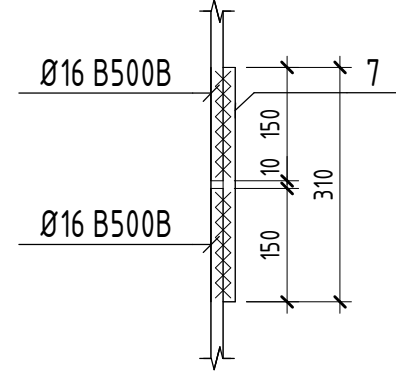


Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data		Faza	Plansa	Planse
Manager	Ghimisli I.				02/23	Bloc sportiv	PE	39	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23	Sectiunea 2-2 (armarea coloanelor)	PROJECT 345		

N. inv. original	Stmatura data	In schimb. nr.



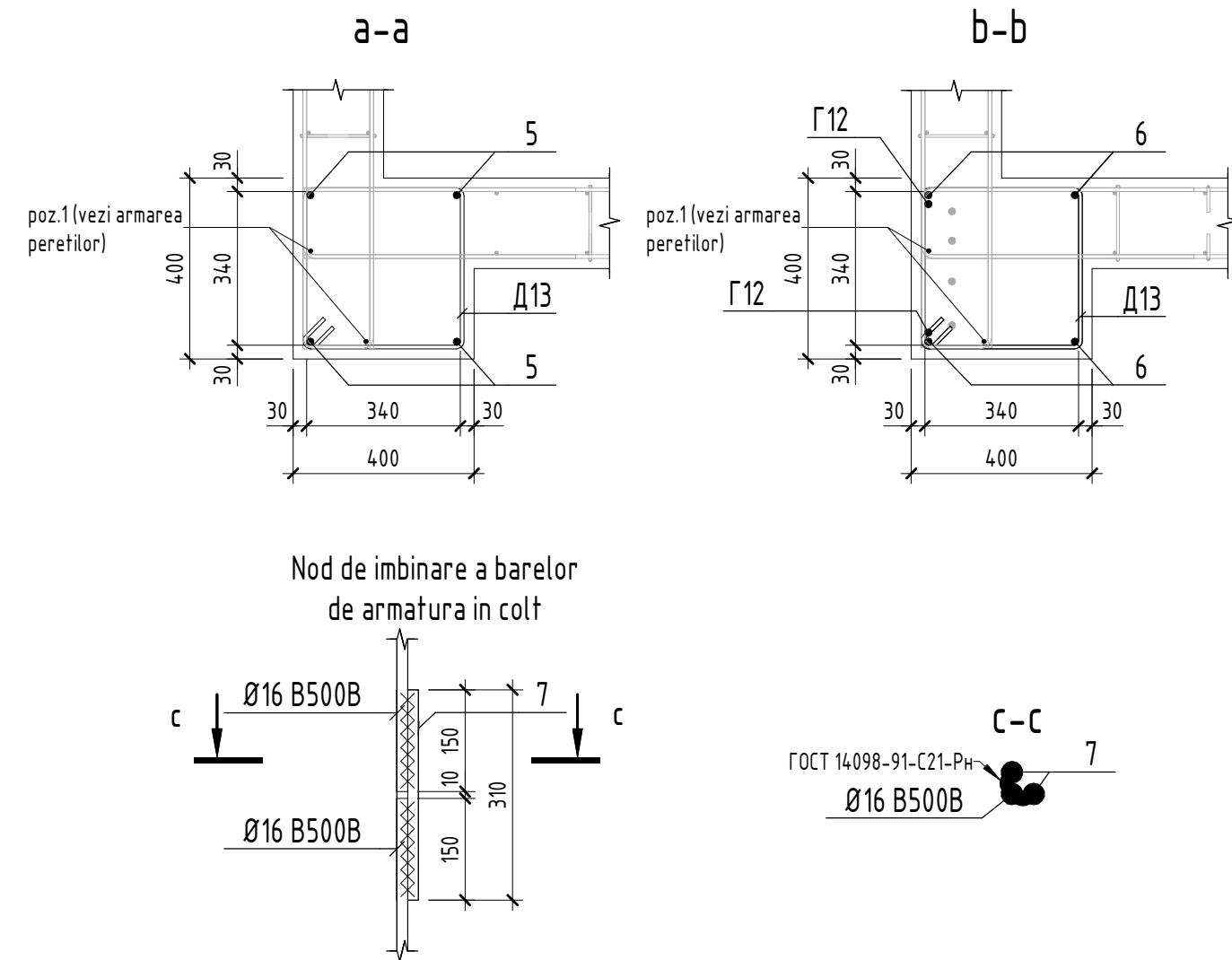
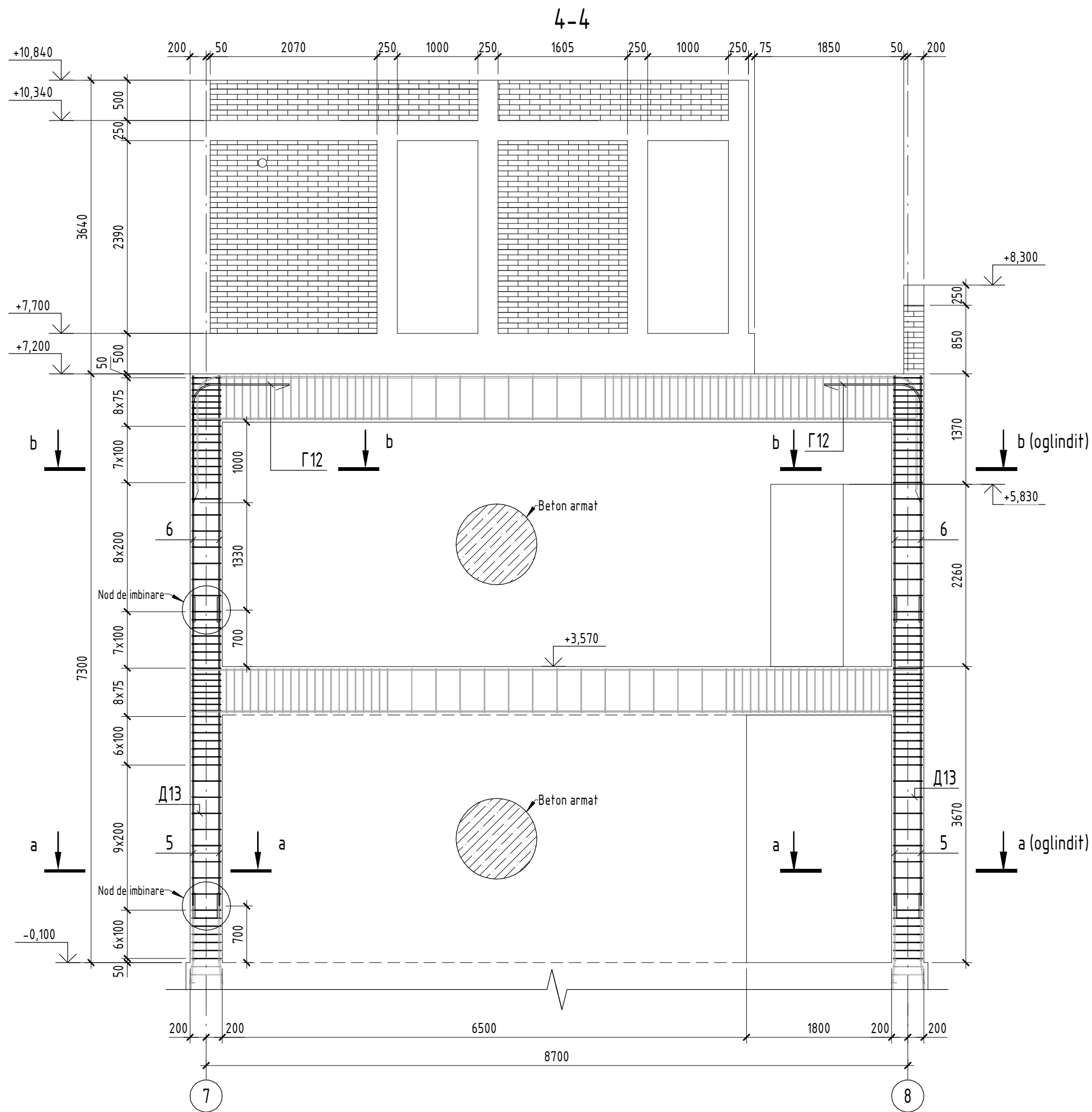
Nod de imbinare a barelor
de armatura in colt



Nota: De citit impreuna cu plansa 53

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
							PE	40	
Manager	Ghimisli I.				02/23	Sectiunea 3-3 (armarea coloanelor)	PROJECT 345		
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23				

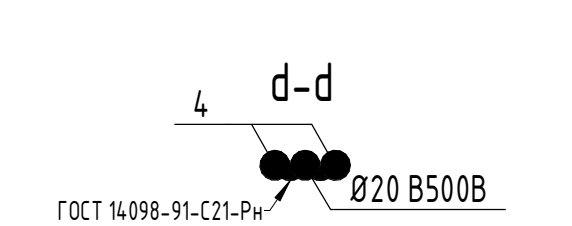
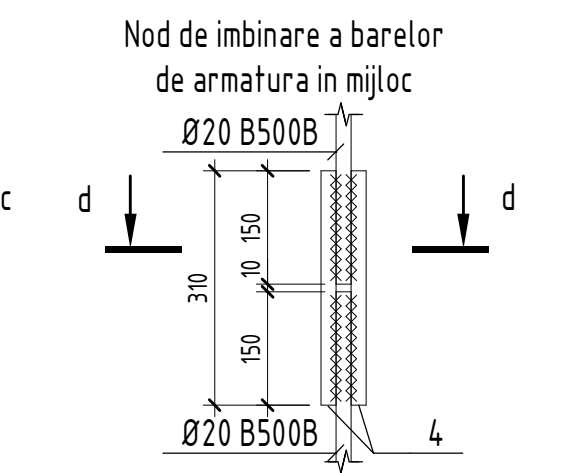
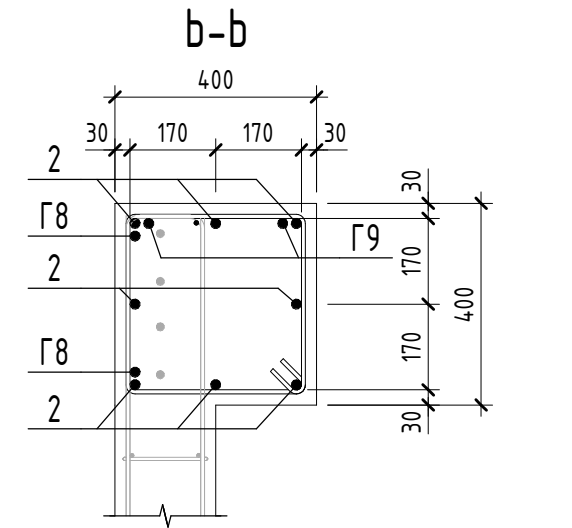
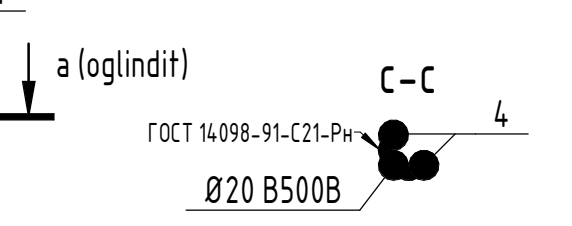
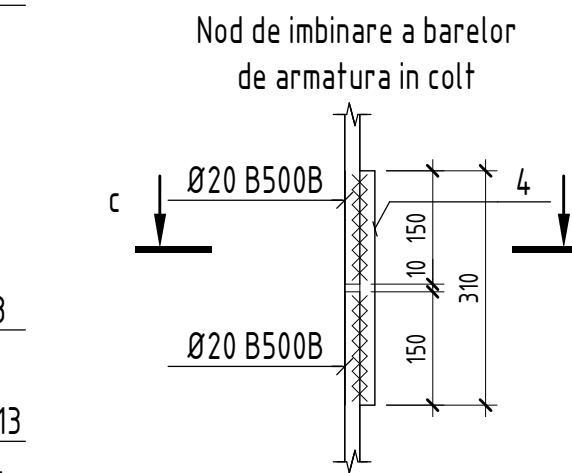
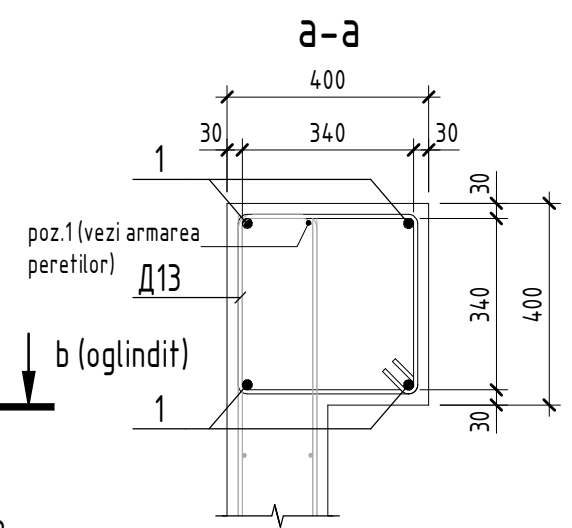
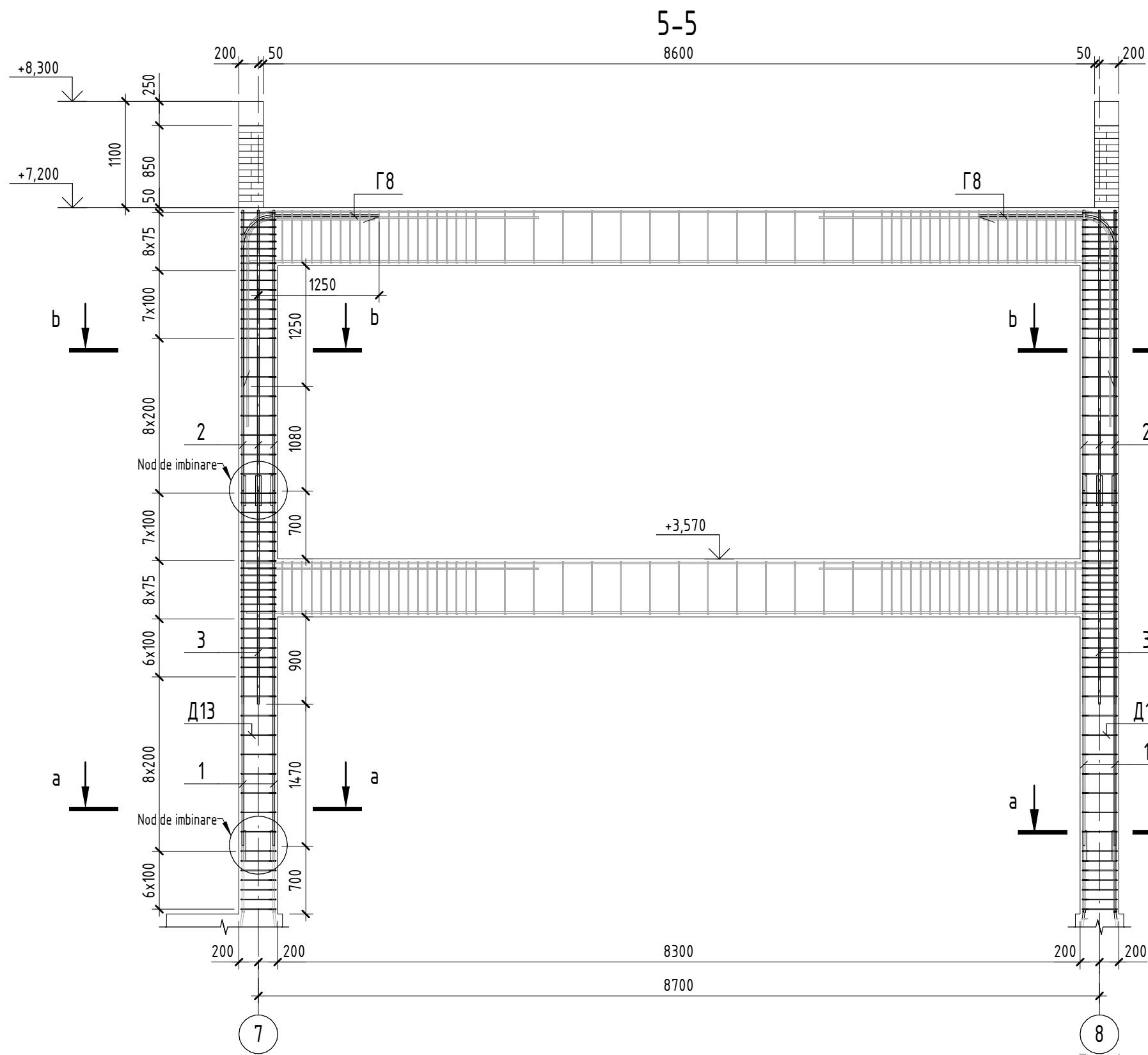
N. inv. original	Stmatura data	In schimb. nr.



Nota: De citit impreuna cu plansa 54

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (construcie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
							PE	41	
Manager	Ghimisli I.				02/23	Sectiunea 4-4 (armarea coloanelor)	PROJECT 345		
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23				

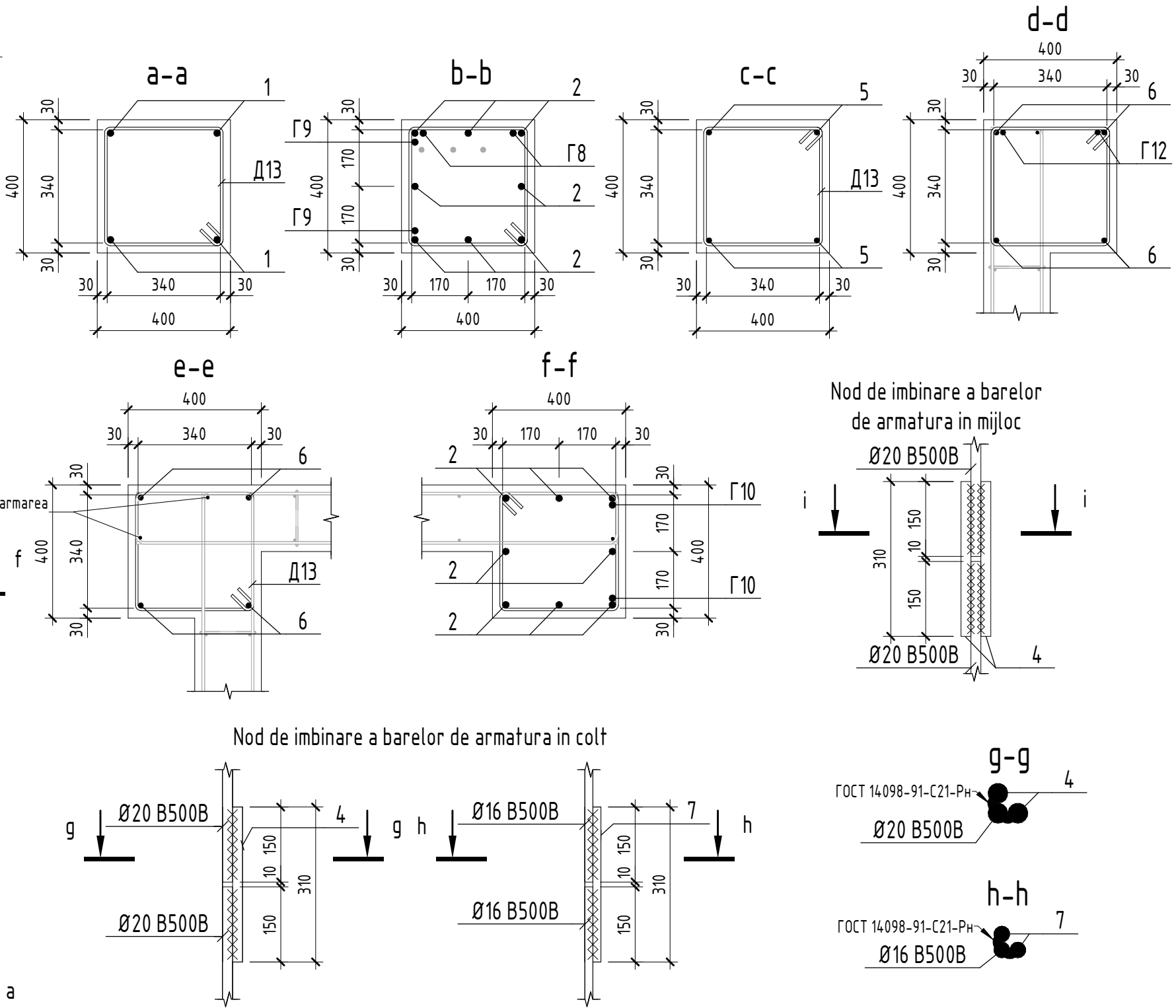
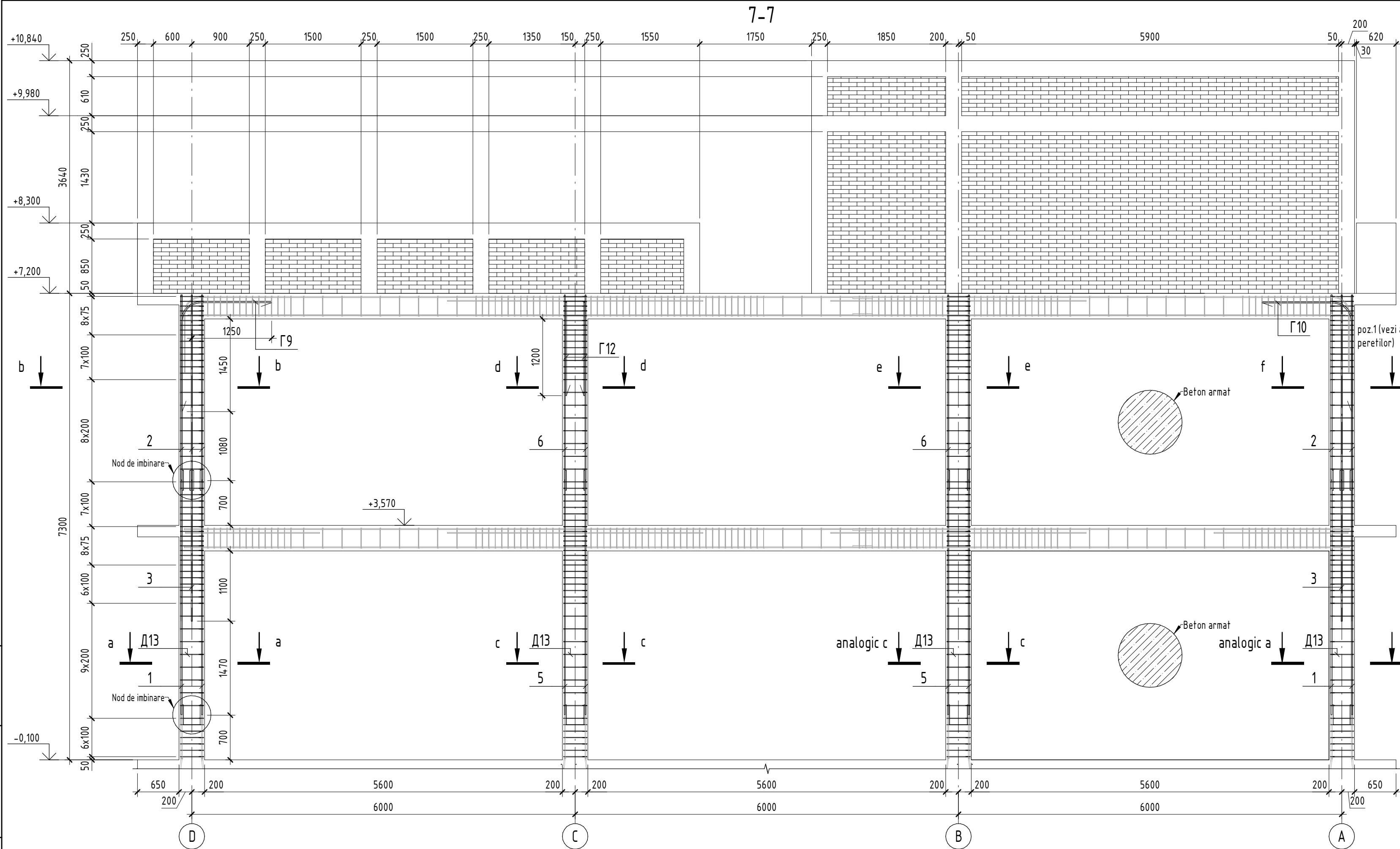
N. inv. original	
Stimnatura data	In schimb. nr.



Nota: De citit impreuna cu plansa 55

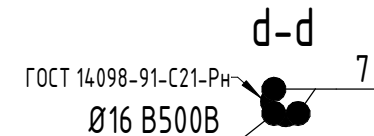
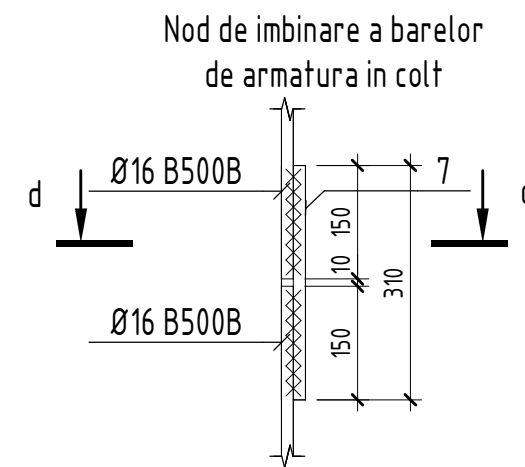
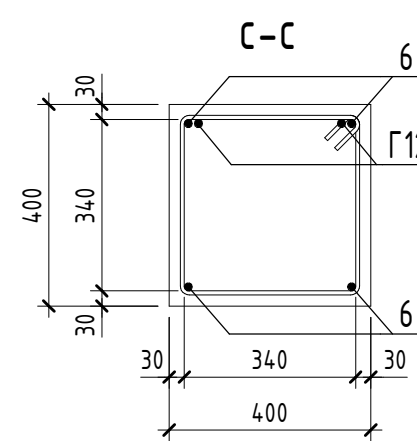
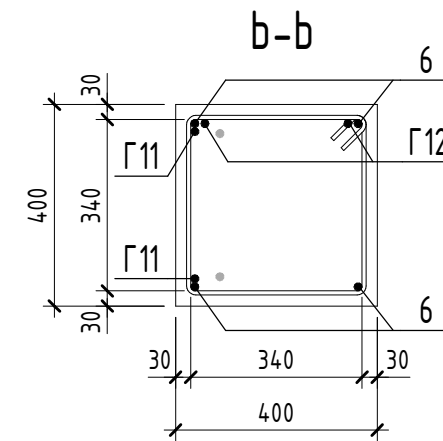
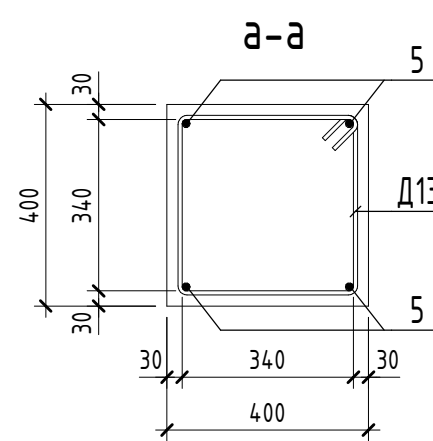
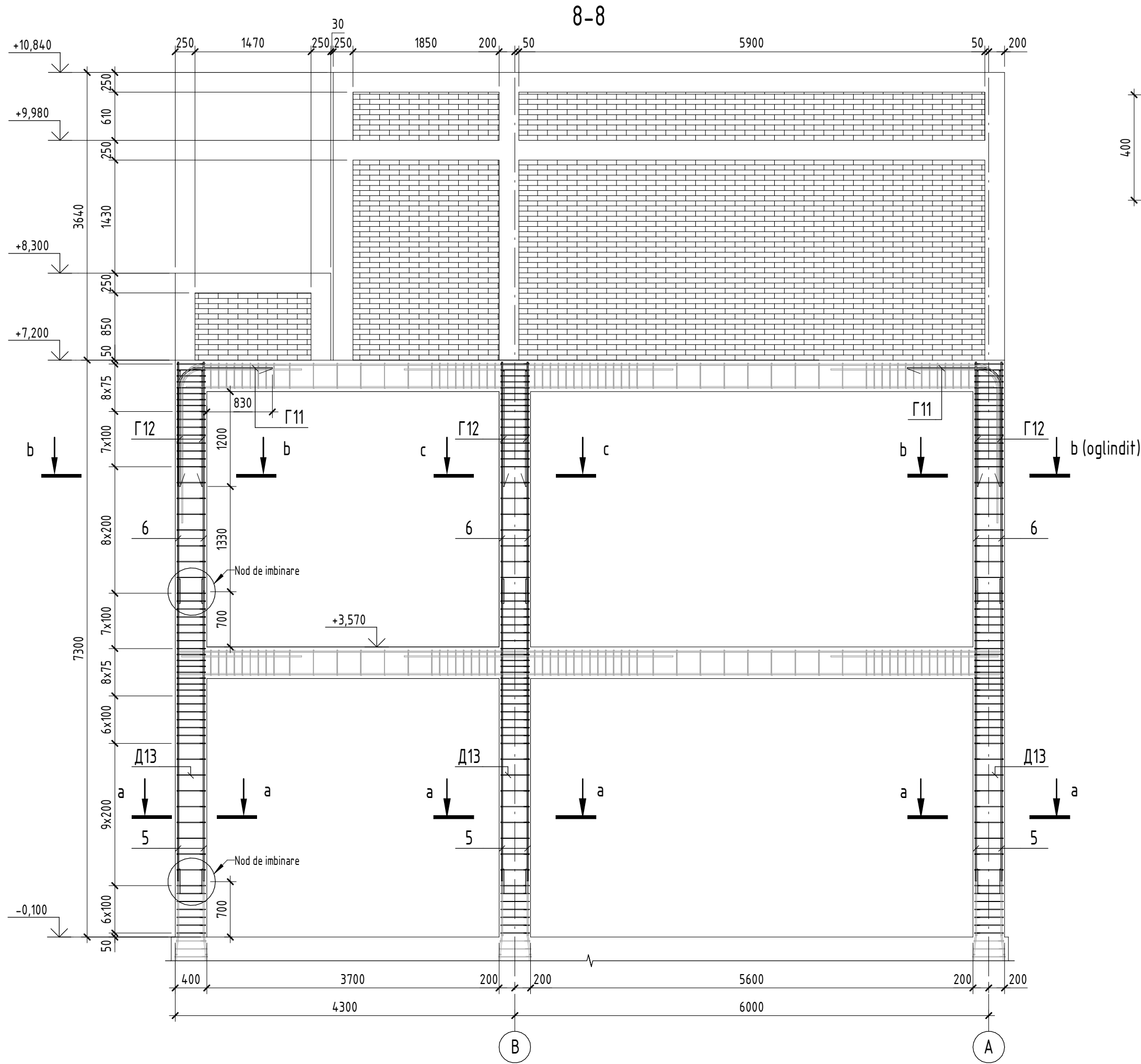
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	42
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Sectiunea 5-5 (armarea coloanelor)		
						PROJECT 345		
						Формат А3		

N. inv. original	Simnatura data	In schimb. nr.



Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (construcie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
							PE	44
Manager	Ghimisli I.				02/23			
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Sectiunea 7-7 (armarea coloanelor)		
						PROJECT 345		

N. inv. original	Stmatura data	In schimb. nr.



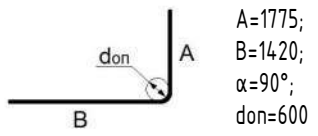
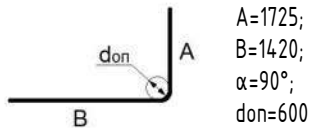
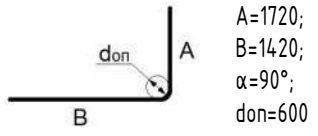
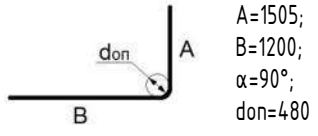
Nota: De citit impreuna cu plansa 58

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (construcie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data		Faza	Plansa	Planse
Manager	Ghimisli I.				02/23	Bloc sportiv	PE	45	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23	Sectiunea 8-8 (armarea coloanelor)	PROJECT 345		

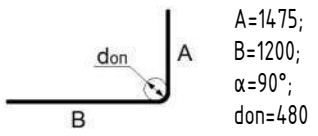
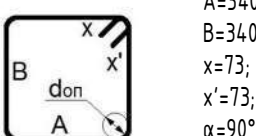
Specificatia la schema de armare a coloanelor

Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		Detalii			
1	SM SR EN 10080:2014	Ø 20 B500B L = 3660	16	9,03	144,48
2	SM SR EN 10080:2014	Ø 20 B500B L = 2895	32	7,14	228,48
3	SM SR EN 10080:2014	Ø 20 B500B L = 2200	16	5,43	86,88
4	SM SR EN 10080:2014	Ø 20 B500B L = 310	96	0,77	73,92
5	SM SR EN 10080:2014	Ø 16 B500B L = 3660	28	5,78	161,84
6	SM SR EN 10080:2014	Ø 16 B500B L = 2895	28	4,57	127,96
7	SM SR EN 10080:2014	Ø 16 B500B L = 310	112	0,49	54,88
Г8	SM SR EN 10080:2014	Ø 20 B500B L = 3045	6	7,51	45,06
Г9	SM SR EN 10080:2014	Ø 20 B500B L = 2990	6	7,38	44,28
Г10	SM SR EN 10080:2014	Ø 20 B500B L = 2985	2	7,37	14,74
Г11	SM SR EN 10080:2014	Ø 16 B500B L = 2585	4	4,08	16,32
Г12	SM SR EN 10080:2014	Ø 16 B500B L = 2550	12	4,03	48,36
Д13	SM SR EN 10080:2014	Ø 8 A240 L = 1520	660	0,61	402,6
		Materiale			
Coloane	SM EN 206:2013+A2:2021	Beton C20/25			12,85 m³

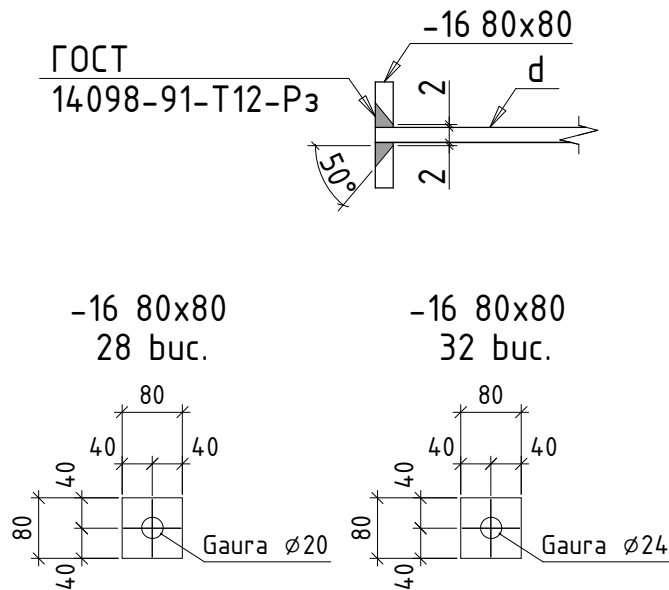
Borderou detalii

Poz.	Schita
Г 8	
Г 9	
Г 10	
Г 11	

Borderou detalii

Poz.	Schita
Г 12	
Д 13	

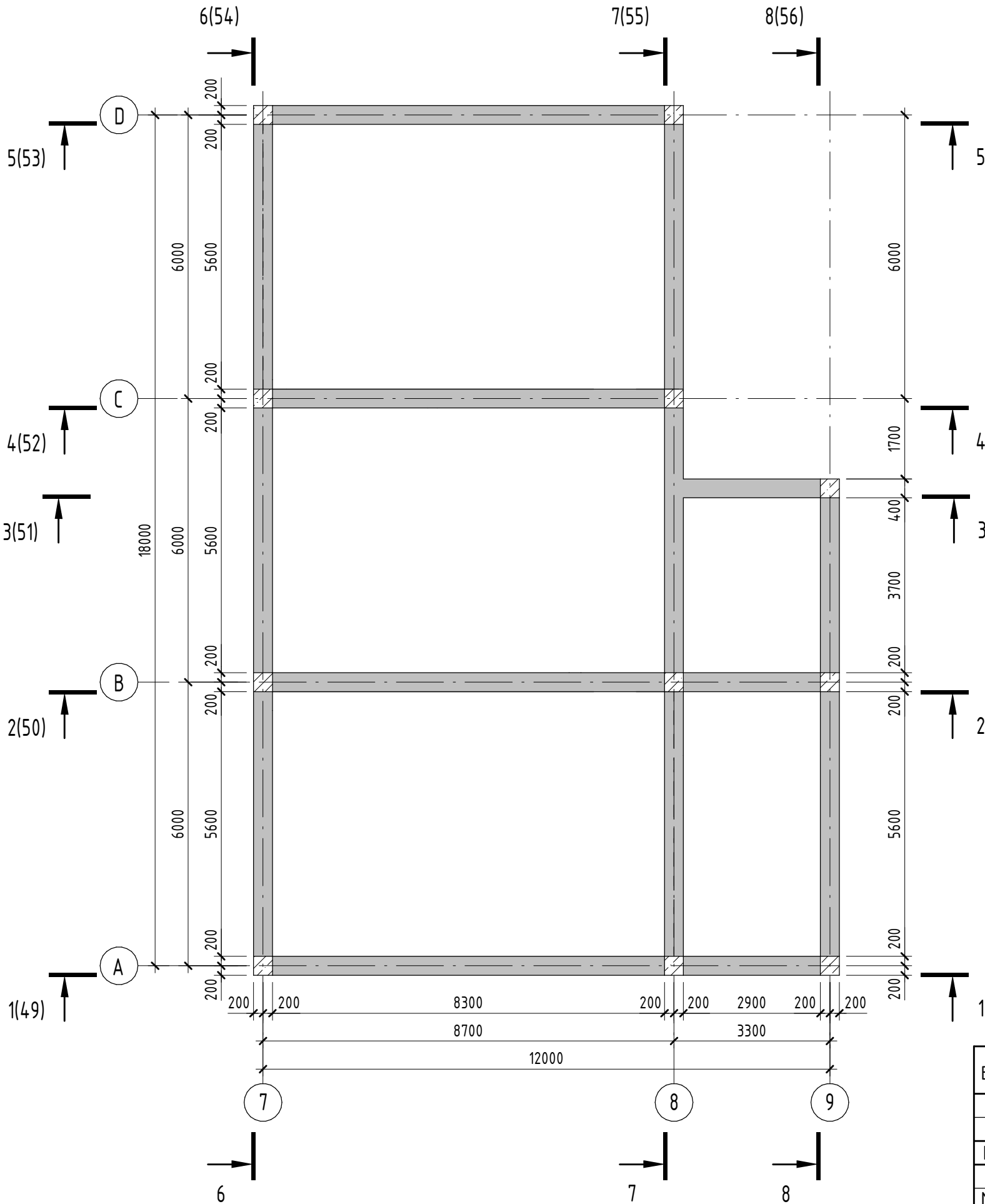
Principiul de ancorare a barelor longitudinale
a coloanelor la cota +7.200



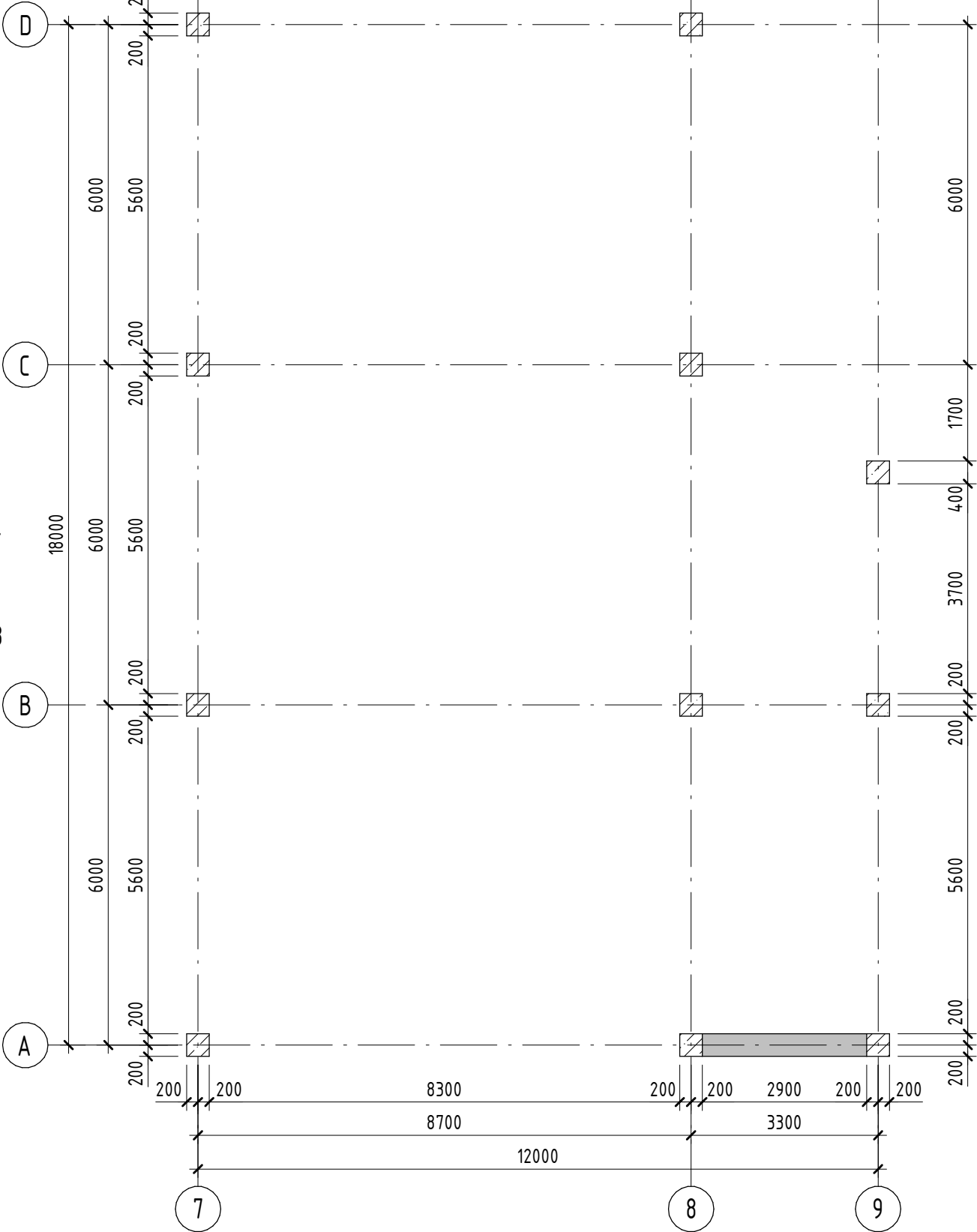
Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data					
Manager	Ghimisli I.				02/23	Bloc sportiv		Faza	Plansa	Planse
ISP	Orlic A.				02/23			PE	46	
Inginer	Velesco A.				02/23	Specificatia la schema de armare a coloanelor		PROJECT 345		

N. inv. original	Simnatura data	In schimb. nr.

Schema de amplasare a grinzilor la cota +3.570

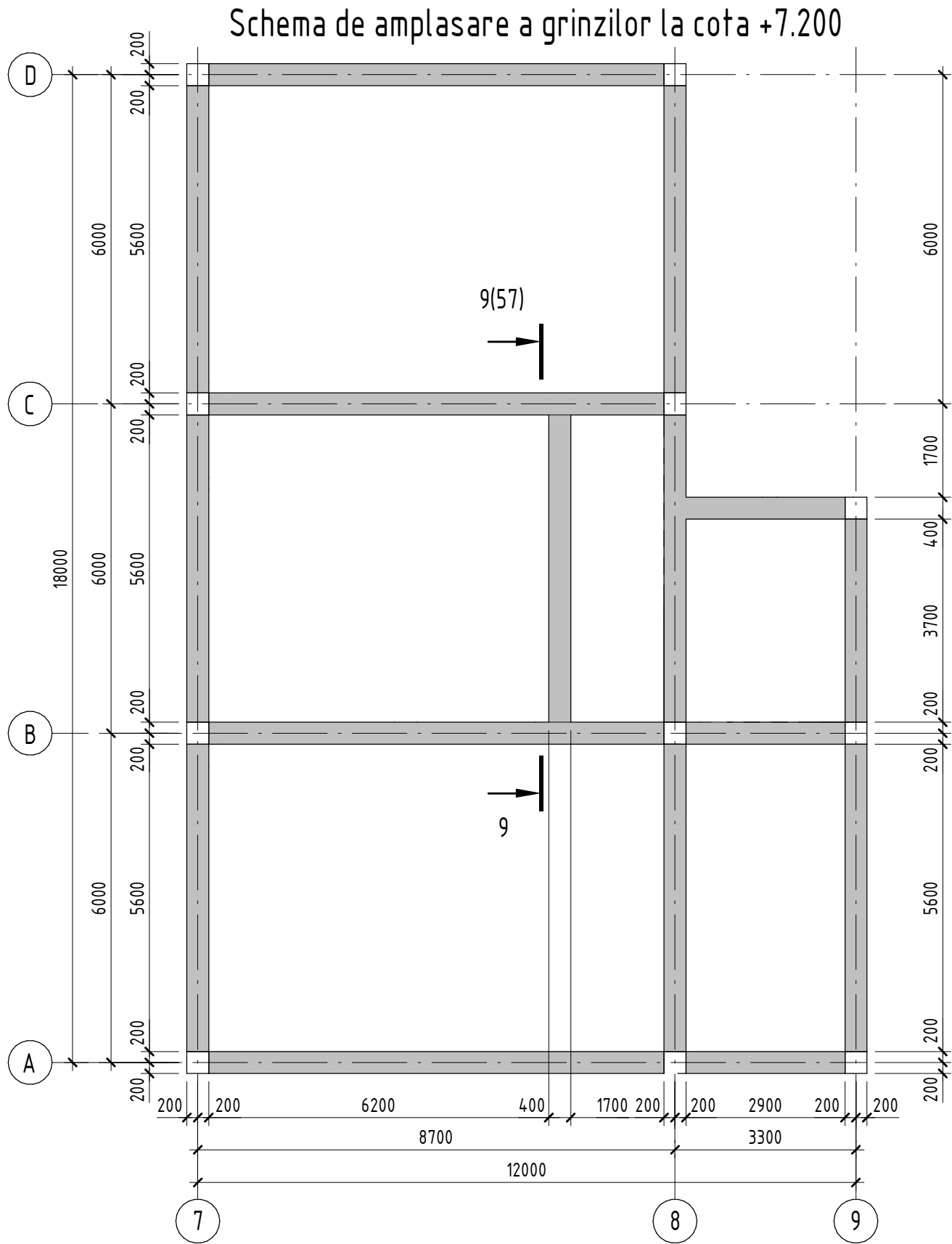
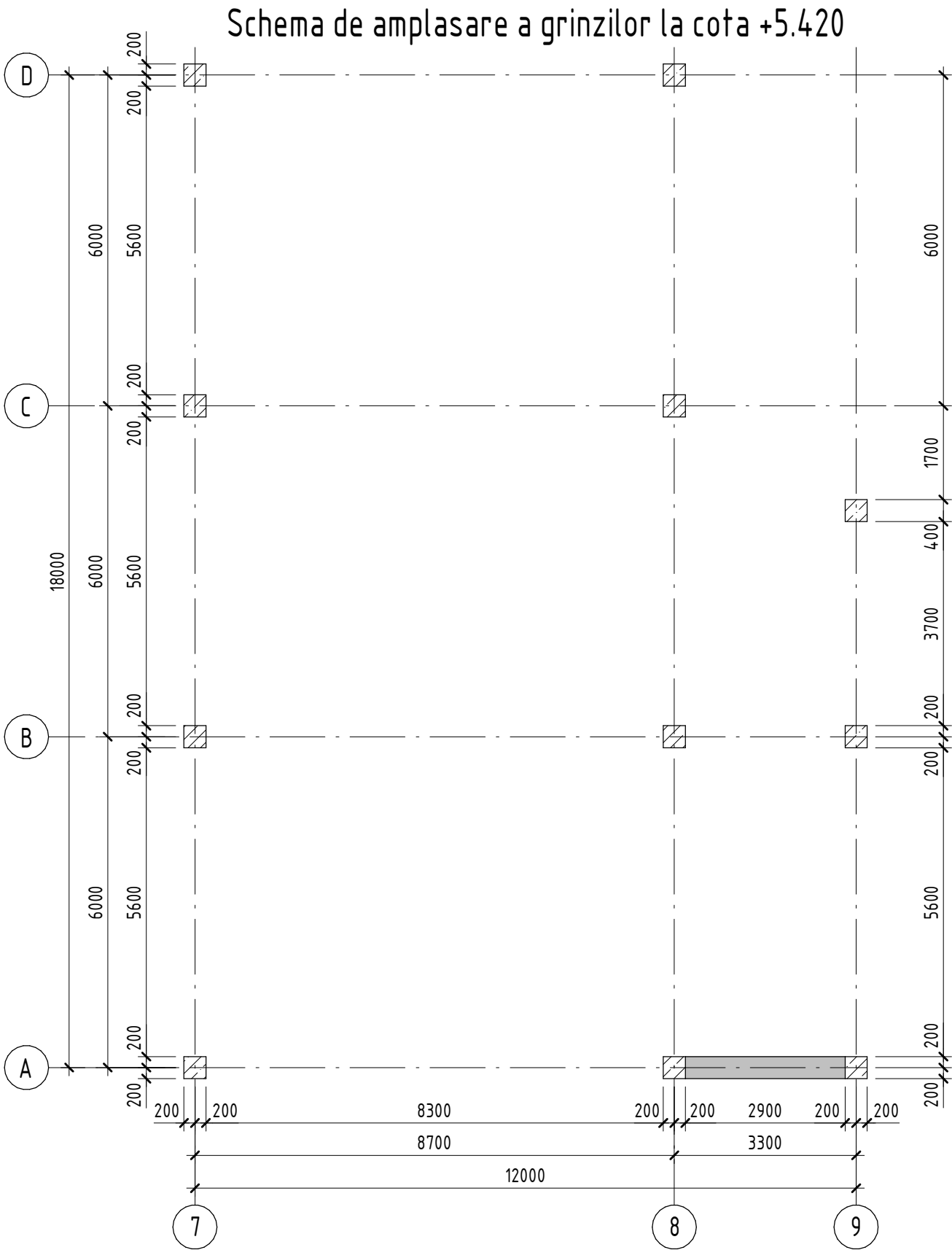


Schema de amplasare a grinzilor la cota +1.790



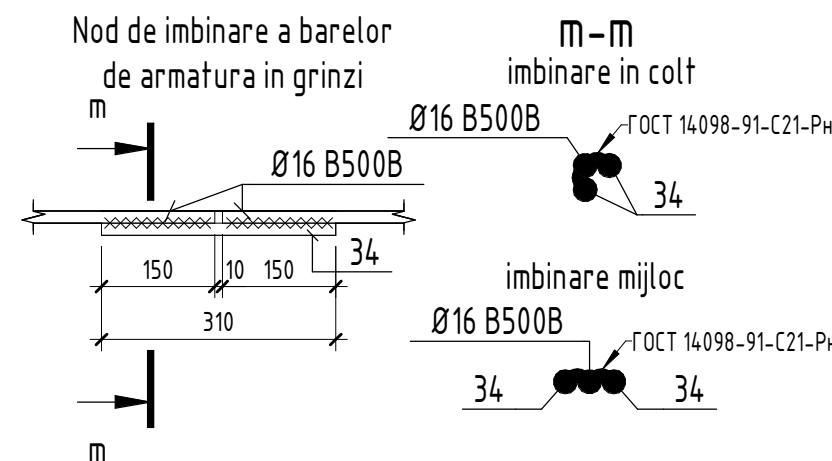
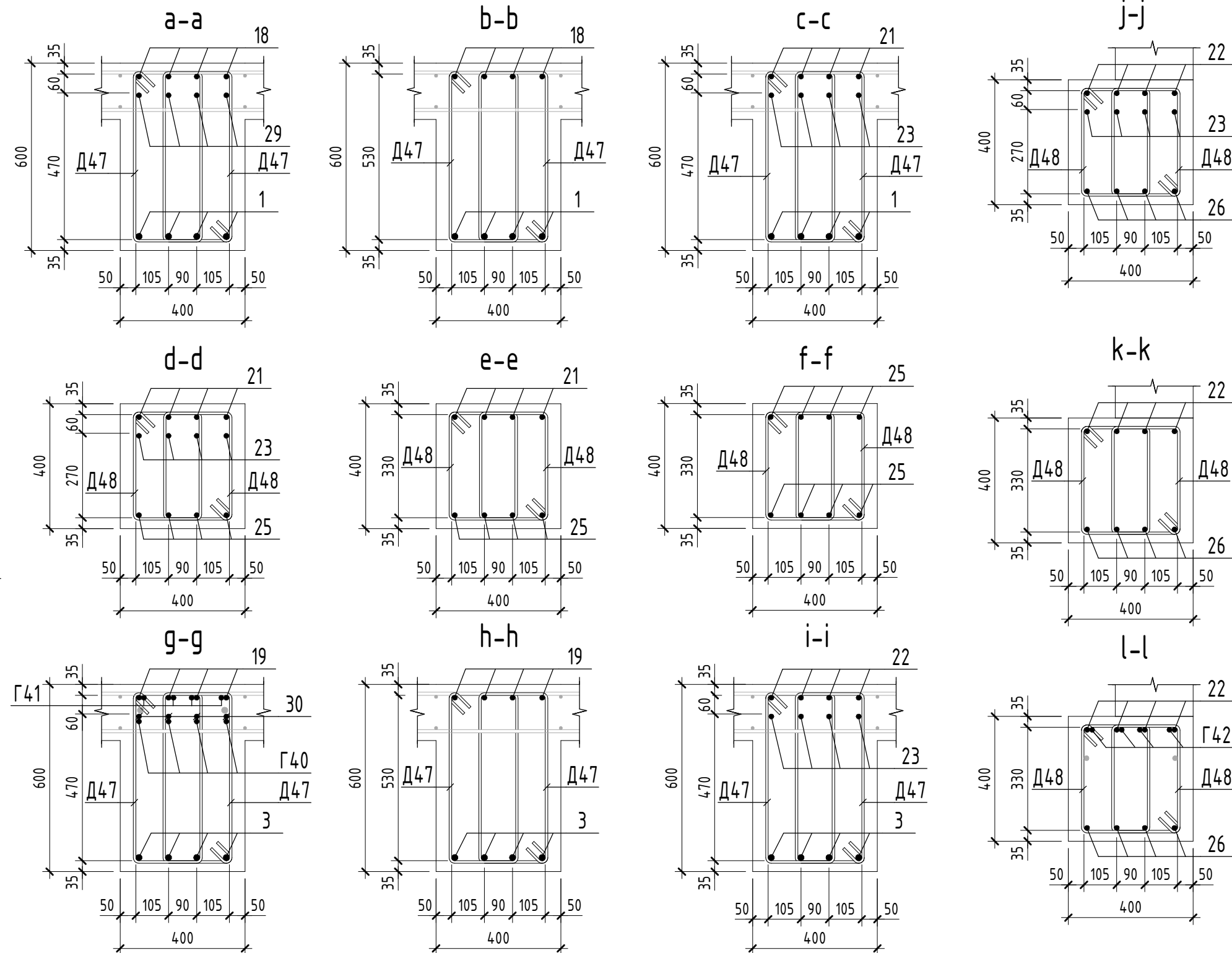
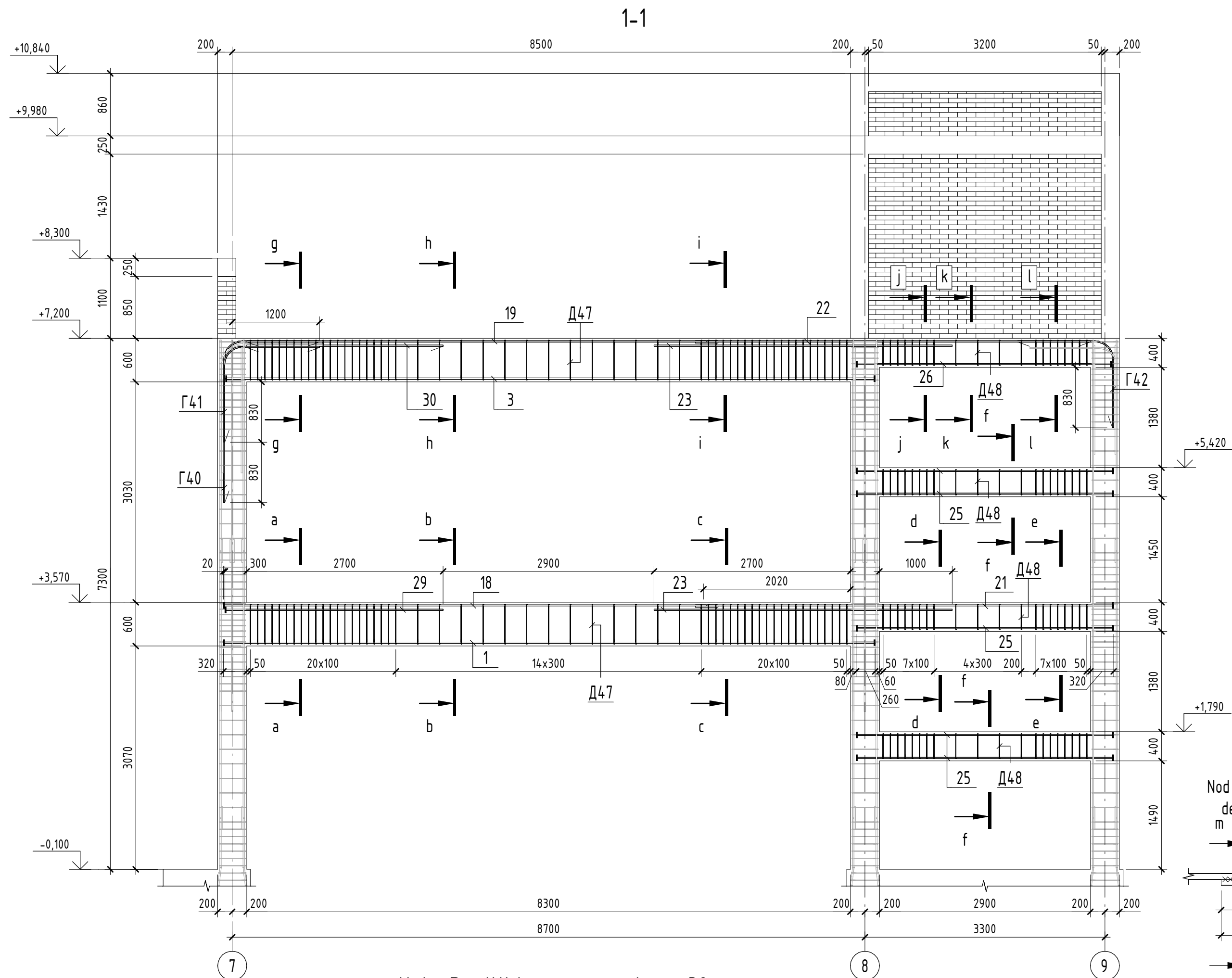
Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foae	Nºdoc.	Semn.	Data				
						Faza		Plansa	Planse
Manager	Ghimisli I.				02/23	Bloc sportiv		PE	47
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23	Schema de amplasare a grinzilor la cota +1.790/+3.570		PROJECT 345	

N. inv. original	Stimnatura data	In schimb. nr.



Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data					
Manager	Ghimisli I.				02/23	Bloc sportiv		Faza	Plansa	Planse
ISP	Orlic A.				02/23			PE	48	
Inginer	Velesco A.				02/23	Schema de amplasare a grinzilor la cota +5.420/+7.200		PROJECT 345		

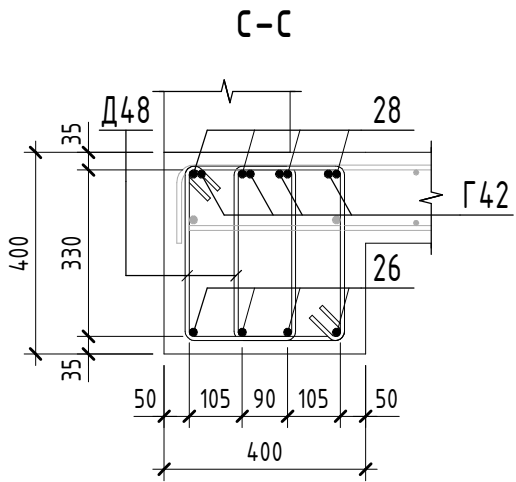
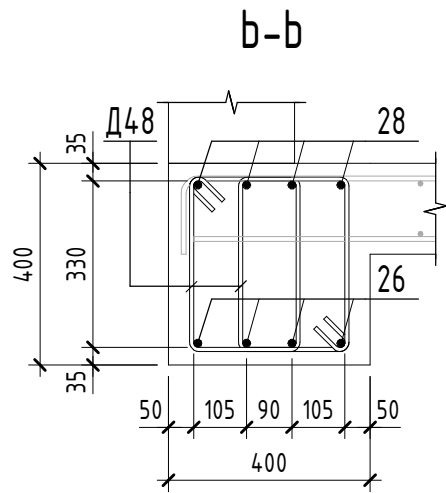
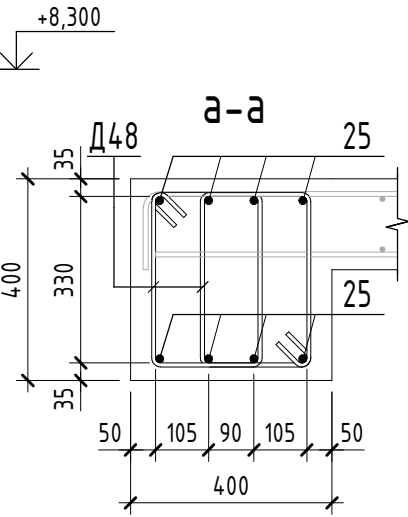
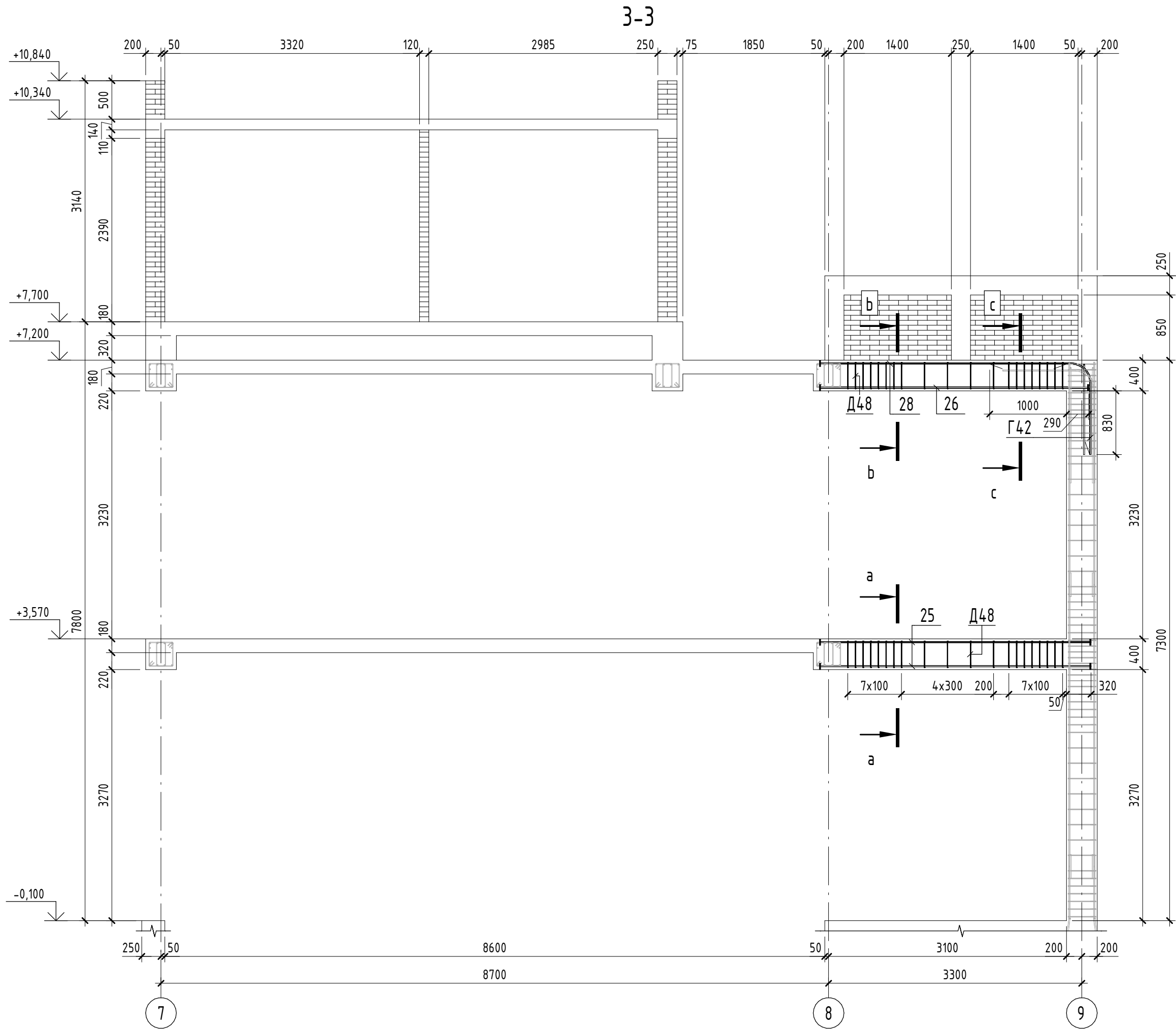
N. inv. original	Strmatura data	In schimb. nr.



Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (construcie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data				
Manager		Ghimisli I.			02/23	Bloc sportiv	Faza	Plansa	Planse
ISP		Orlic A.			02/23		PE	49	
Inginer		Velesco A.			02/23				
						Sectiunea 1-1 (armarea grinzilor)	PROJECT 345		

Nota: De citit impreuna cu plansa 38

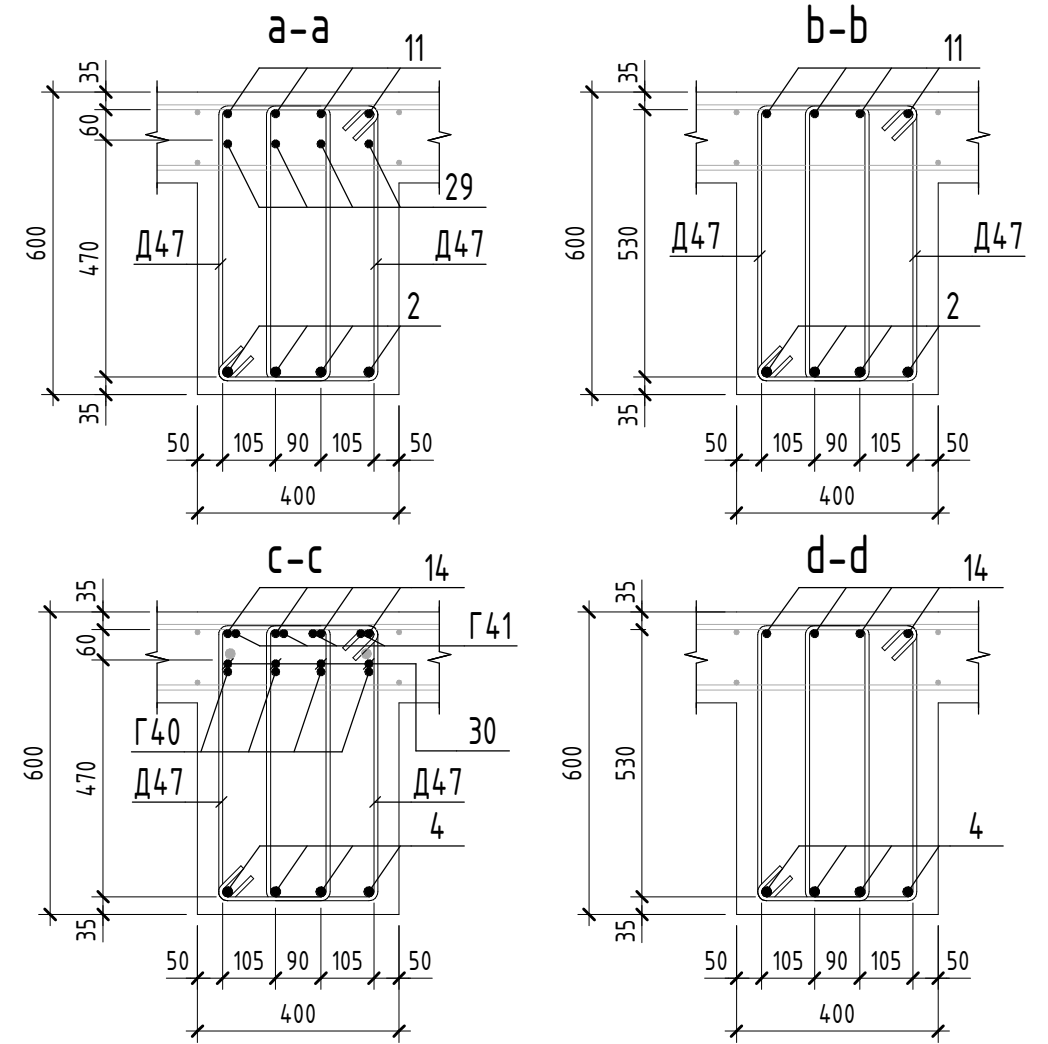
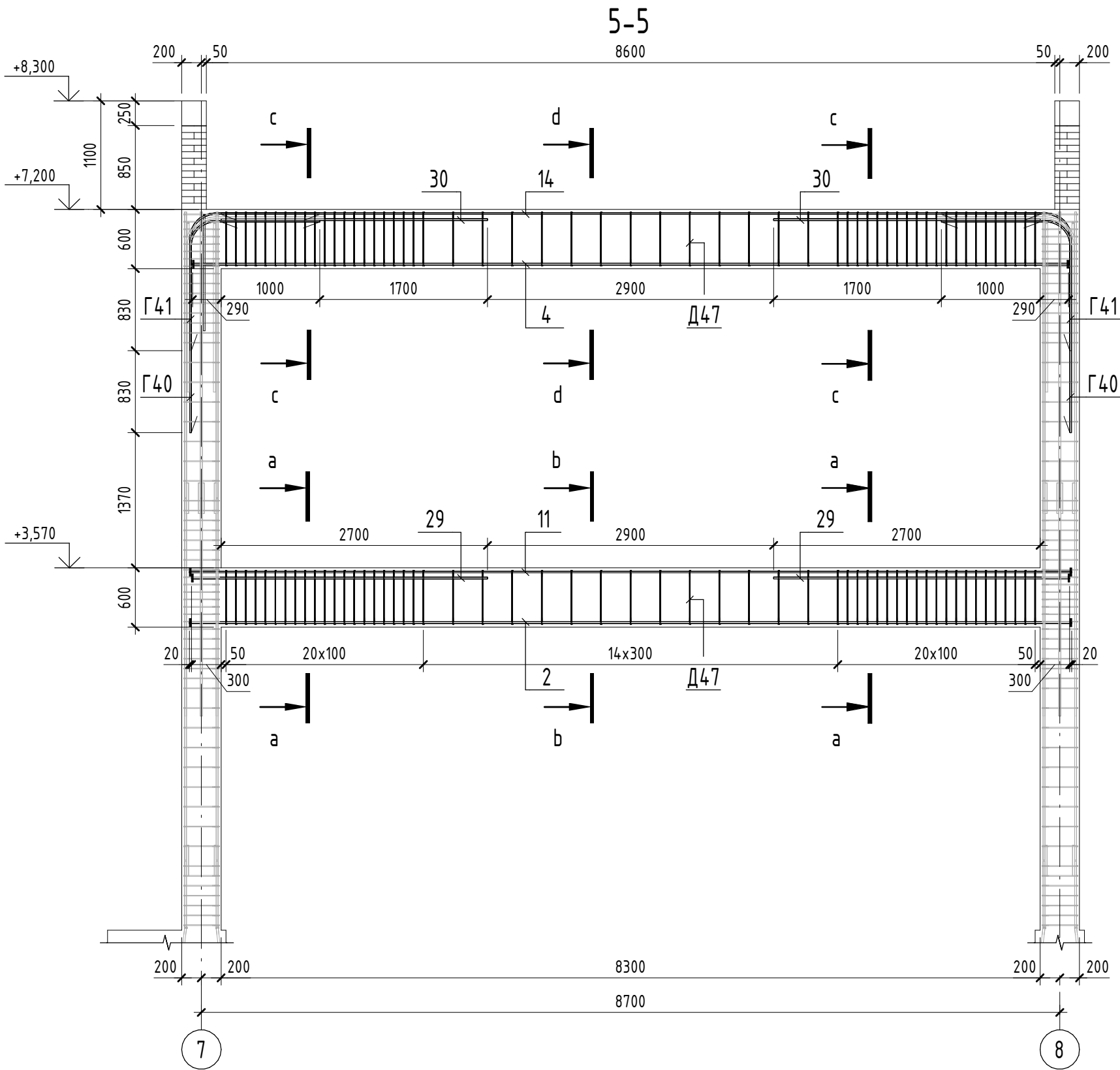
N. inv. original	Stmatura data	In schimb. nr.



Nota: De citit impreuna cu plansa 40

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
							PE	51	
Manager	Ghimisli I.				02/23	Sectiunea 3-3 (armarea grinzilor)	PROJECT 345		
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23				

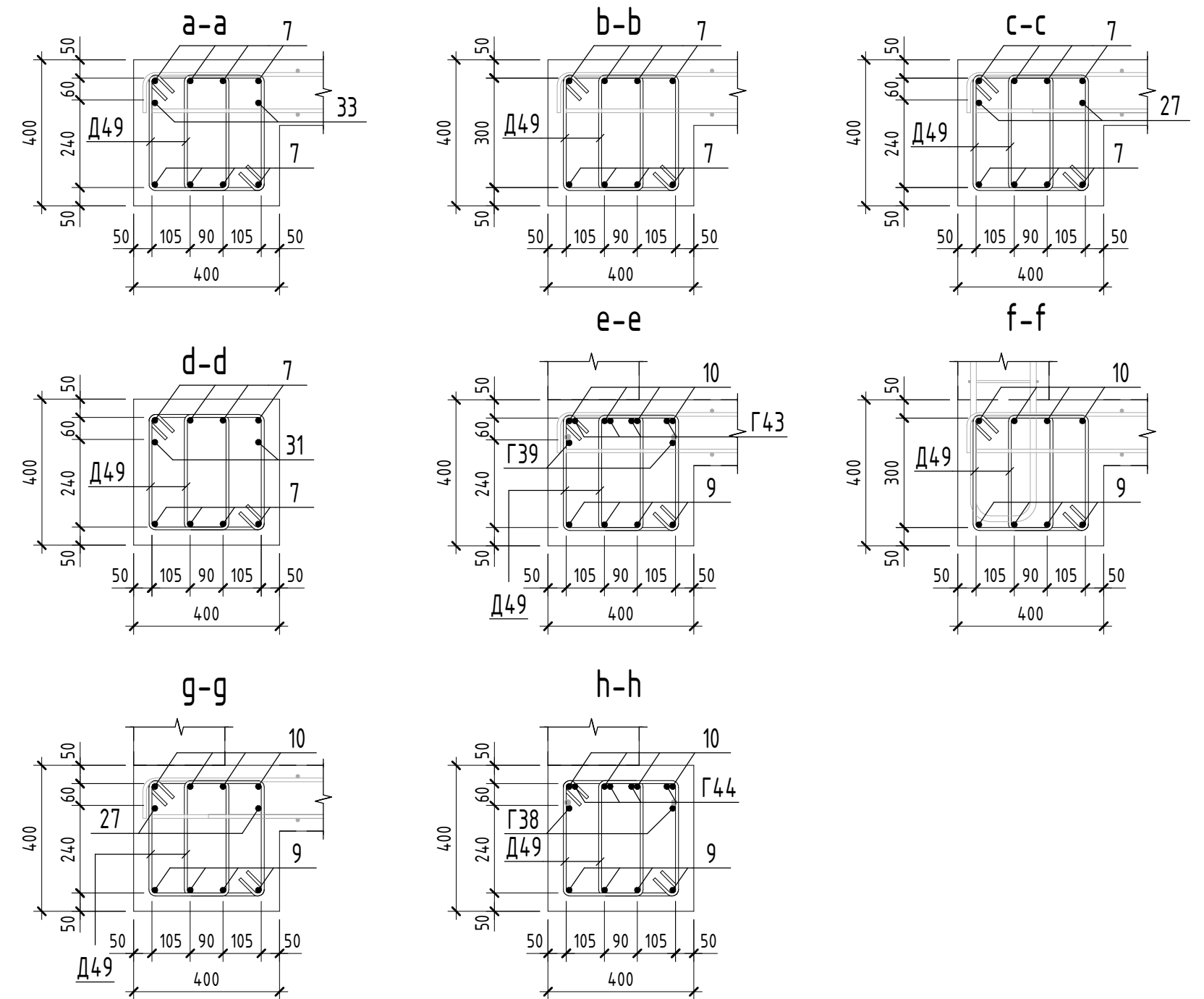
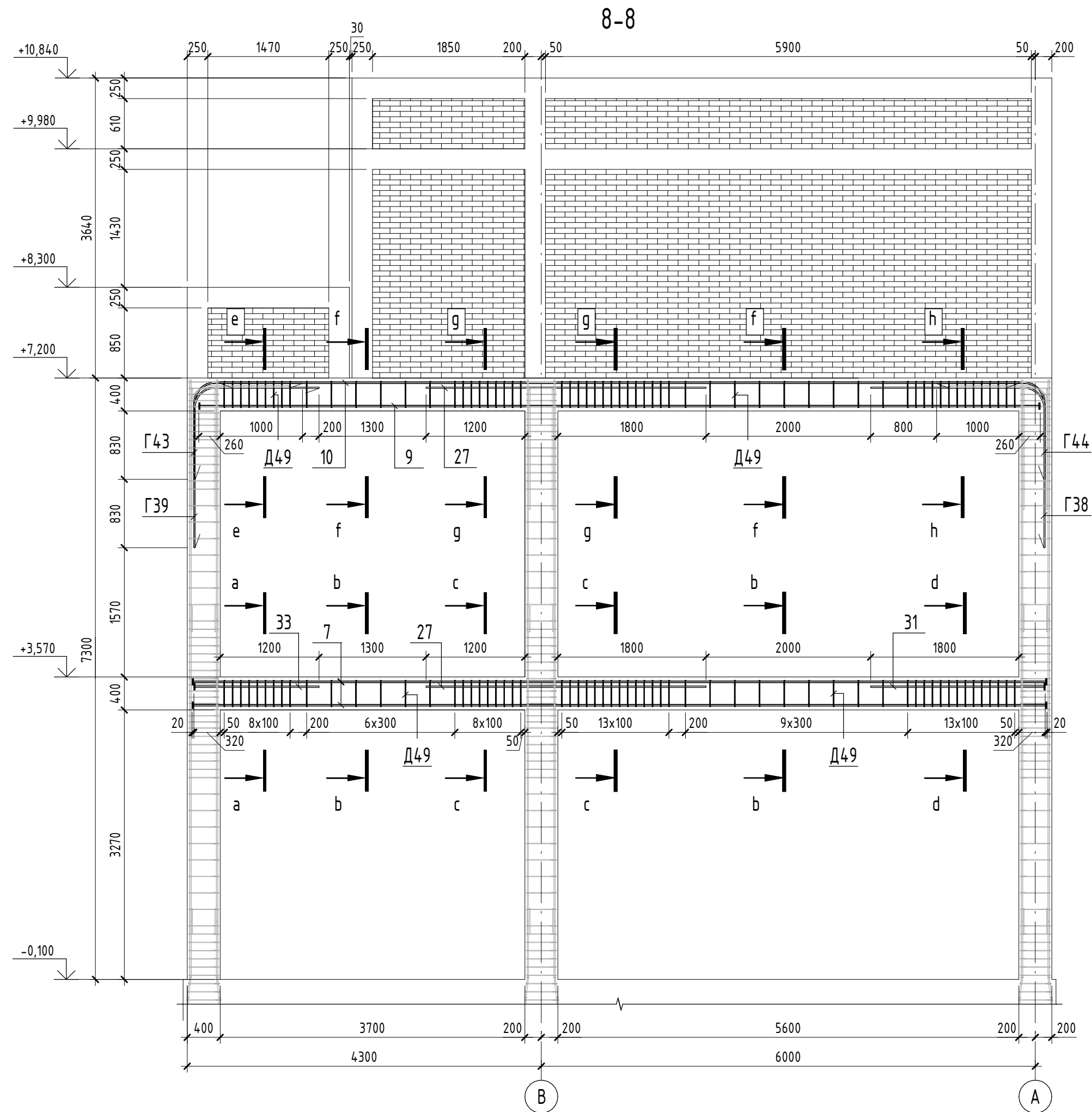
N. inv. original	Stimnatura data	In schimb. nr.



Nota: De citit impreuna cu plansa 42

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data					
						Bloc sportiv		Faza	Plansa	Planse
Manager	Ghimisli I.				02/23			PE	53	
ISP	Orlic A.				02/23	Sectiunea 5-5 (armarea grinzilor)		PROJECT 345		
Inginer	Velesco A.				02/23					

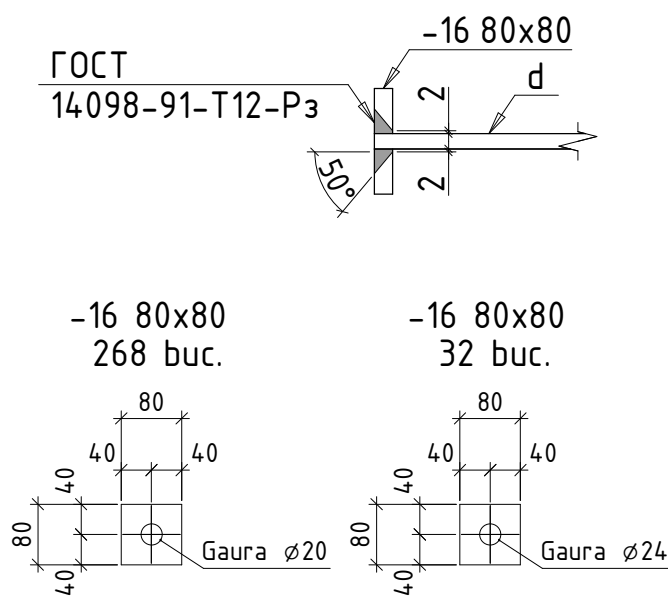
N. inv. original	Stmatura data	In schimb. nr.



Nota: De citit impreuna cu plansa 45

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (construcie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data					
								Faza	Plansa	Planse
Manager	Ghimisli I.				02/23	Bloc sportiv				
ISP	Orlic A.				02/23			PE	56	
Inginer	Velesco A.				02/23			PROJECT 345		
						Sectiunea 8-8 (armarea grinzilor)				

Borderou de consum otel									
Marca elementului	Detalii din otel-beton						Metal	Total	
	Otel-beton clasa					Total			
	B500B			A240			C245		
	SM SR EN 10080:2014			SM SR EN 10080:2014					
	Ø16	Ø20	Total	Ø8	Total	t16			
Grinzi	2934,95	352,32	3394,69	1338,54	1338,54	4733,23	37,68	37,68	



Poz.	Schita
Г 38	A=1950; B=2120; $\alpha=90^\circ$; don=480
Г 39	A=1950; B=1520; $\alpha=90^\circ$; don=480
Г 40	A=2150; B=1320; $\alpha=90^\circ$; don=480
Г 41	A=1395; B=1320; $\alpha=90^\circ$; don=480
Г 42	$\alpha=90^\circ$; don=480
Г 43	A=1180; B=1320; $\alpha=90^\circ$; don=480

Poz.	Schita
Г 44	$\alpha=90^\circ$; don=480
Д 45	A=620; B=3845; C=1640; $\alpha=150,36^\circ$; don=50
Д 46	A=620; B=1900; C=205; $\alpha=150,36^\circ$; don=50
Д 47	A=530; x=73; x'=73; $\alpha=90^\circ$; don=20
Д 48	x=73; x'=73; $\alpha=90^\circ$; don=20
Д 49	A=300; B=203; x=73; x'=73; $\alpha=90^\circ$; don=20

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	58
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Specificatia la schema de armare a grinzilor (inceput)		PROJECT 345

N. inv. original	Stimnatura data	In schimb. nr.

Specificatia la schema de armare a grinzilor

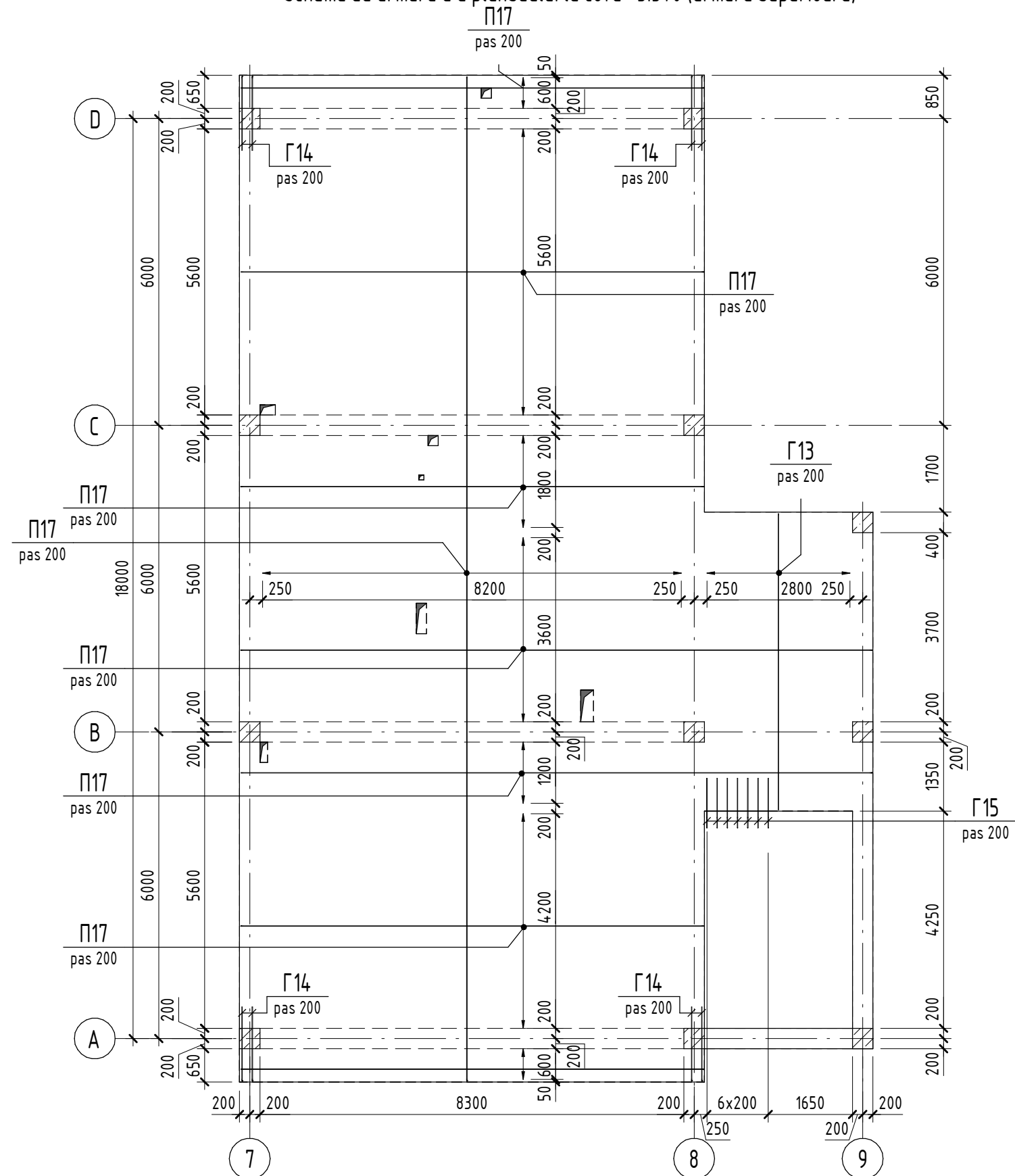
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		Detalii			
1	SM SR EN 10080:2014	Ø 20 B500B L = 8960	4	22,1	88,4
2	SM SR EN 10080:2014	Ø 20 B500B L = 8940	4	22,05	88,2
3	SM SR EN 10080:2014	Ø 20 B500B L = 8930	4	22,03	88,12
4	SM SR EN 10080:2014	Ø 20 B500B L = 8880	4	21,9	87,6
5	SM SR EN 10080:2014	Ø 16 B500B L = 10615	16	16,76	268,16
6	SM SR EN 10080:2014	Ø 16 B500B L = 10555	8	16,66	133,28
7	SM SR EN 10080:2014	Ø 16 B500B L = 10380	8	16,38	131,04
8	SM SR EN 10080:2014	Ø 16 B500B L = 10295	8	16,25	130
9	SM SR EN 10080:2014	Ø 16 B500B L = 10220	4	16,13	64,52
10	SM SR EN 10080:2014	Ø 16 B500B L = 9700	4	15,31	61,24
11	SM SR EN 10080:2014	Ø 16 B500B L = 8940	16	14,11	225,76
12	SM SR EN 10080:2014	Ø 16 B500B L = 8910	4	14,06	56,24
13	SM SR EN 10080:2014	Ø 16 B500B L = 8880	4	14,02	56,08
14	SM SR EN 10080:2014	Ø 16 B500B L = 8300	8	13,1	104,8
15	SM SR EN 10080:2014	Ø 16 B500B L = 7615	16	12,02	192,32
16	SM SR EN 10080:2014	Ø 16 B500B L = 7555	8	11,93	95,44
17	SM SR EN 10080:2014	Ø 16 B500B L = 7295	8	11,52	92,16
18	SM SR EN 10080:2014	Ø 16 B500B L = 6640	8	10,48	83,84
19	SM SR EN 10080:2014	Ø 16 B500B L = 6320	8	9,98	79,84
20	SM SR EN 10080:2014	Ø 16 B500B L = 6240	8	9,85	78,8
21	SM SR EN 10080:2014	Ø 16 B500B L = 5590	8	8,83	70,64
22	SM SR EN 10080:2014	Ø 16 B500B L = 5270	8	8,32	66,56
23	SM SR EN 10080:2014	Ø 16 B500B L = 4100	8	6,47	51,76
24	SM SR EN 10080:2014	Ø 16 B500B L = 4000	16	6,32	101,12
25	SM SR EN 10080:2014	Ø 16 B500B L = 3540	32	5,59	178,88
26	SM SR EN 10080:2014	Ø 16 B500B L = 3510	12	5,54	66,48
27	SM SR EN 10080:2014	Ø 16 B500B L = 3400	4	5,37	21,48
28	SM SR EN 10080:2014	Ø 16 B500B L = 3220	4	5,09	20,36
29	SM SR EN 10080:2014	Ø 16 B500B L = 3000	12	4,74	56,88
30	SM SR EN 10080:2014	Ø 16 B500B L = 2700	12	4,27	51,24

Specificatia la schema de armare a grinzilor

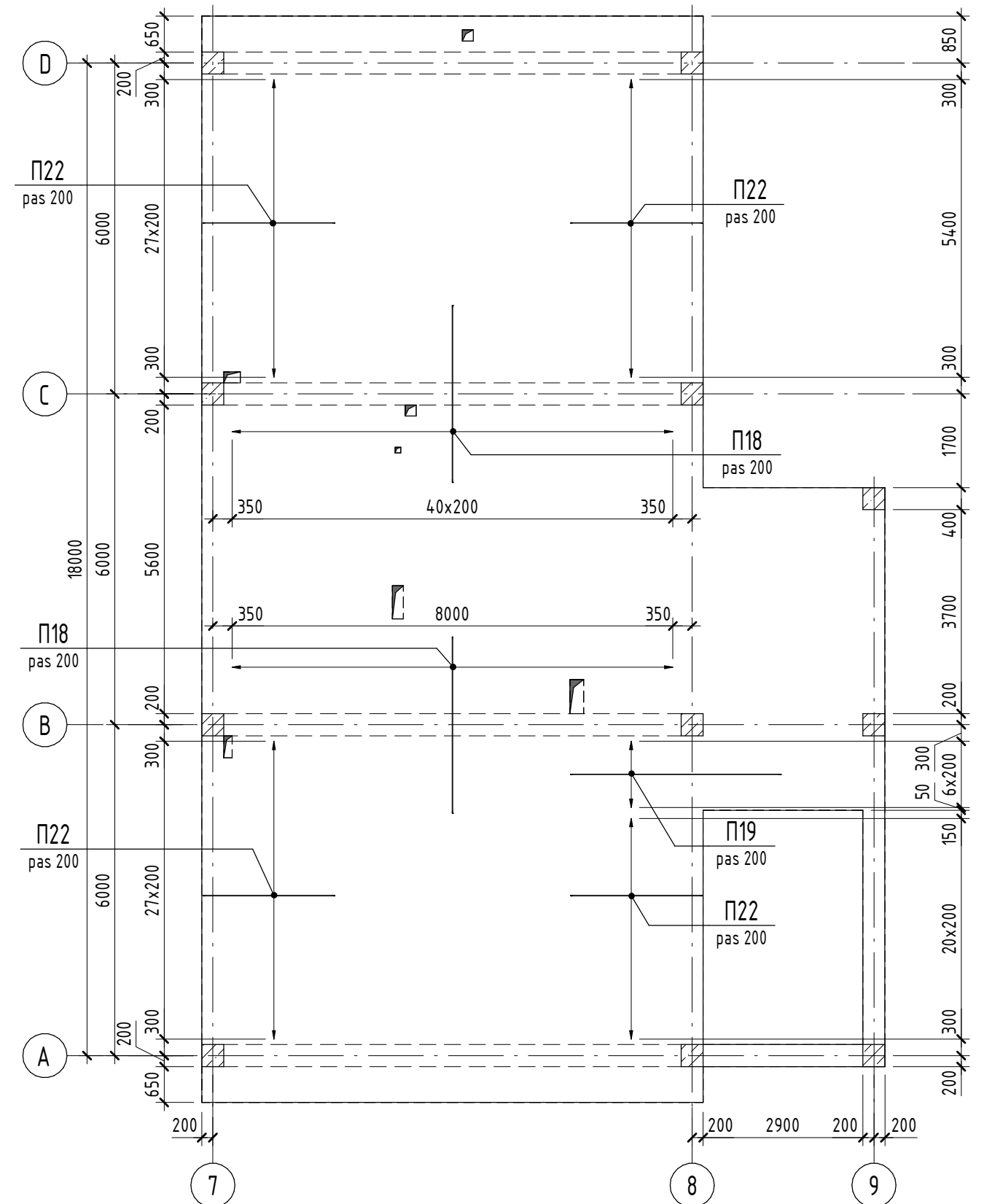
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		Detalii			
31	SM SR EN 10080:2014	Ø 16 B500B L = 2120	2	3,35	6,7
32	SM SR EN 10080:2014	Ø 16 B500B L = 2100	8	3,32	26,56
33	SM SR EN 10080:2014	Ø 16 B500B L = 1520	2	2,4	4,8
34	SM SR EN 10080:2014	Ø 16 B500B L = 310	96	0,49	47,04
35	SM SR EN 10080:2014	Ø 10 B500B L = 1635	2	1,01	2,02
36	SM SR EN 10080:2014	Ø 8 B500B L = 1050	66	0,42	27,72
37	SM SR EN 10080:2014	Ø 8 B500B L = 835	120	0,33	39,6
Г38	SM SR EN 10080:2014	Ø 16 B500B L = 3945	2	6,23	12,46
Г39	SM SR EN 10080:2014	Ø 16 B500B L = 3350	2	5,29	10,58
Г40	SM SR EN 10080:2014	Ø 16 B500B L = 3345	11	5,28	58,08
Г41	SM SR EN 10080:2014	Ø 16 B500B L = 2590	24	4,09	98,16
Г42	SM SR EN 10080:2014	Ø 16 B500B L = 2395	12	3,78	45,36
Г43	SM SR EN 10080:2014	Ø 16 B500B L = 2380	4	3,76	15,04
Г44	SM SR EN 10080:2014	Ø 16 B500B L = 2375	19	3,75	71,25
Д45	SM SR EN 10080:2014	Ø 10 B500B L = 6100	7	3,77	26,39
Д46	SM SR EN 10080:2014	Ø 10 B500B L = 2700	7	1,67	11,69
Д47	SM SR EN 10080:2014	Ø 8 A240 L = 1630	920	0,65	598
Д48	SM SR EN 10080:2014	Ø 8 A240 L = 1230	320	0,49	156,8
Д49	SM SR EN 10080:2014	Ø 8 A240 L = 1170	1242	0,47	583,74
		Materiale			
Grinzi	SM EN 206:2013+A2:2021	Beton C20/25			34,27 m³

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data		Faza	Plansa	Planse
Manager	Ghimisli I.				02/23	Bloc sportiv	PE	59	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23				
						Specificatia la schema de armare a grinzilor (sfatsit)		PROJECT 345	

Schema de armare a a planseului la cota +3.570 (armare superioara)



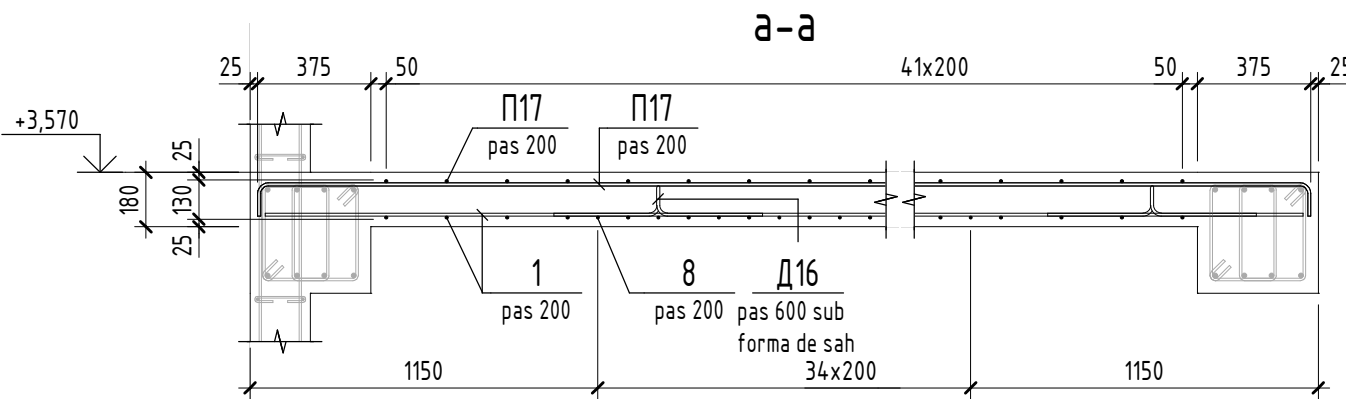
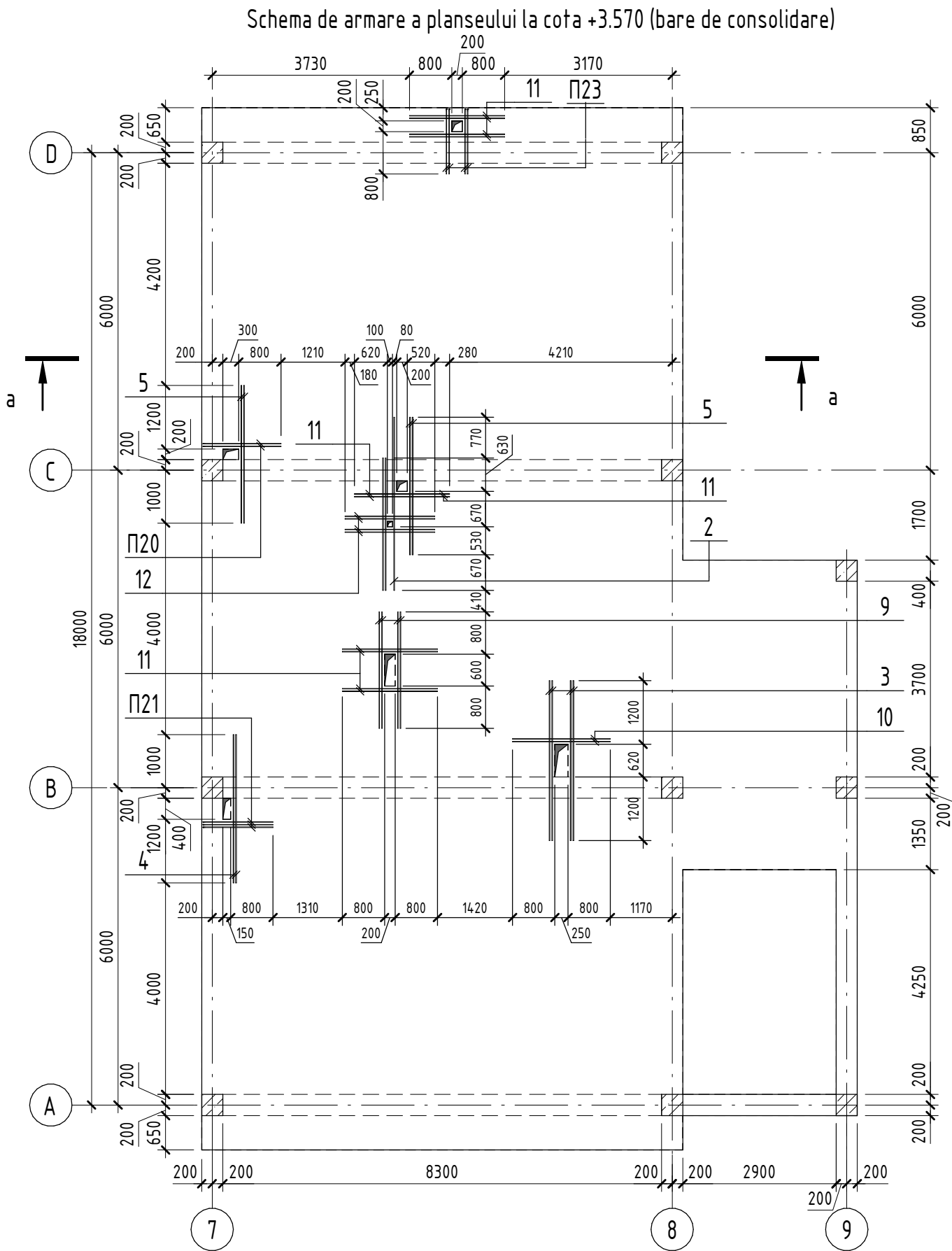
Schema de armare a a planseului la cota +3.570 (armare superioara, bare suplimentare)



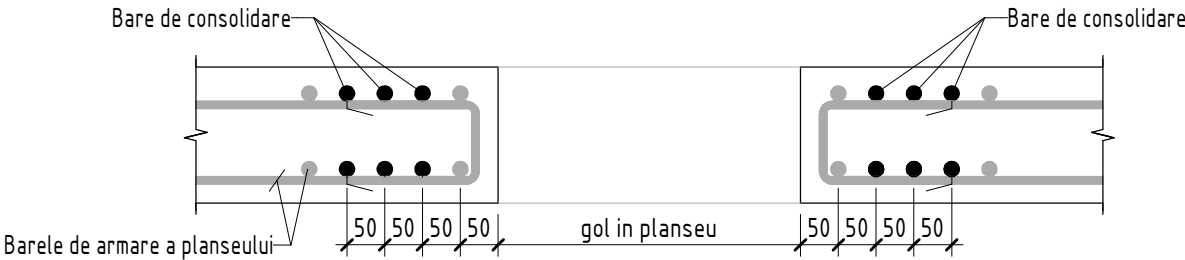
N. inv. original	Simnatura data	In schimb. nr.

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	62
ISP	Orlic A.				02/23	Schema de armare a a planseului la cota +3.570 (armare superioara)	PROJECT 345	
Inginer	Velesco A.				02/23			

N. inv. original	Stimnatura data	In schimb. nr.



Principiul de armare a golurilor in planseu

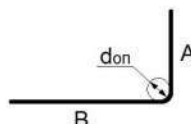
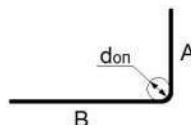
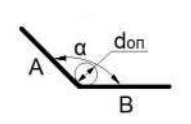
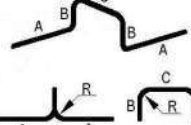
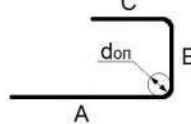


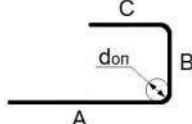
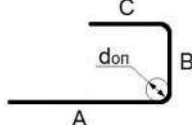
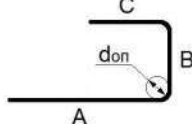
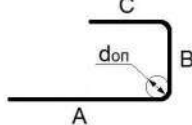
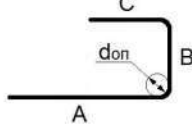
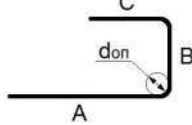
Nota:
Barele care intersecteaza goluri se taie si se intoaie in corpul planseului.

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	63
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Schema de armare a planseului la cota +3.570 (bare de consolidare)		
						PROJECT 345		

N. inv. original	
Stimnatura data	In schimb. nr.

Specificatia la schema de armare a planseului la cota +3.570					
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		<u>Detalii</u>			
1	SM SR EN 10080:2014	Ø 10 B500B Loδщ(мн)	2051,16	0,617	1265,57
2	SM SR EN 10080:2014	Ø 14 B500B L = 3270	1	3,96	3,96
3	SM SR EN 10080:2014	Ø 14 B500B L = 3020	8	3,65	29,2
4	SM SR EN 10080:2014	Ø 14 B500B L = 2800	4	3,39	13,56
5	SM SR EN 10080:2014	Ø 14 B500B L = 2600	11	3,15	34,65
6	SM SR EN 10080:2014	Ø 14 B500B L = 2500	2	3,02	6,04
7	SM SR EN 10080:2014	Ø 10 B500B L = 6900	26	4,26	110,76
8	SM SR EN 10080:2014	Ø 10 B500B L = 3200	70	1,98	138,6
9	SM SR EN 10080:2014	Ø 10 B500B L = 2200	8	1,36	10,88
10	SM SR EN 10080:2014	Ø 10 B500B L = 1850	4	1,15	4,6
11	SM SR EN 10080:2014	Ø 10 B500B L = 1800	20	1,12	22,4
12	SM SR EN 10080:2014	Ø 10 B500B L = 1700	8	1,05	8,4
Г13	SM SR EN 10080:2014	Ø 10 B500B L = 5930	15	3,66	54,9
Г14	SM SR EN 10080:2014	Ø 10 B500B L = 1530	8	0,95	7,6
Г15	SM SR EN 10080:2014	Ø 10 B500B L = 1395	7	0,87	6,09
Д16	ГОСТ P 52544-2006	Ø 10 B500 L = 1160	223	0,72	160,56
П17	SM SR EN 10080:2014	Ø 10 B500B Loδщ(мн)	1974,3 2	0,617	1218,16
П18	SM SR EN 10080:2014	Ø 14 B500B L = 3385	82	4,09	335,38
П19	SM SR EN 10080:2014	Ø 10 B500B L = 3955	7	2,45	17,15
П20	SM SR EN 10080:2014	Ø 10 B500B L = 3015	2	1,87	3,74
П21	SM SR EN 10080:2014	Ø 10 B500B L = 2715	3	1,68	5,04
П22	SM SR EN 10080:2014	Ø 10 B500B L = 2540	105	1,57	164,85
П23	SM SR EN 10080:2014	Ø 10 B500B L = 2535	4	1,57	6,28
		<u>Materiale</u>			
Planseu cota +3.570	SM EN 206:2013+A2:2021	Beton C20/25			29,78 м³

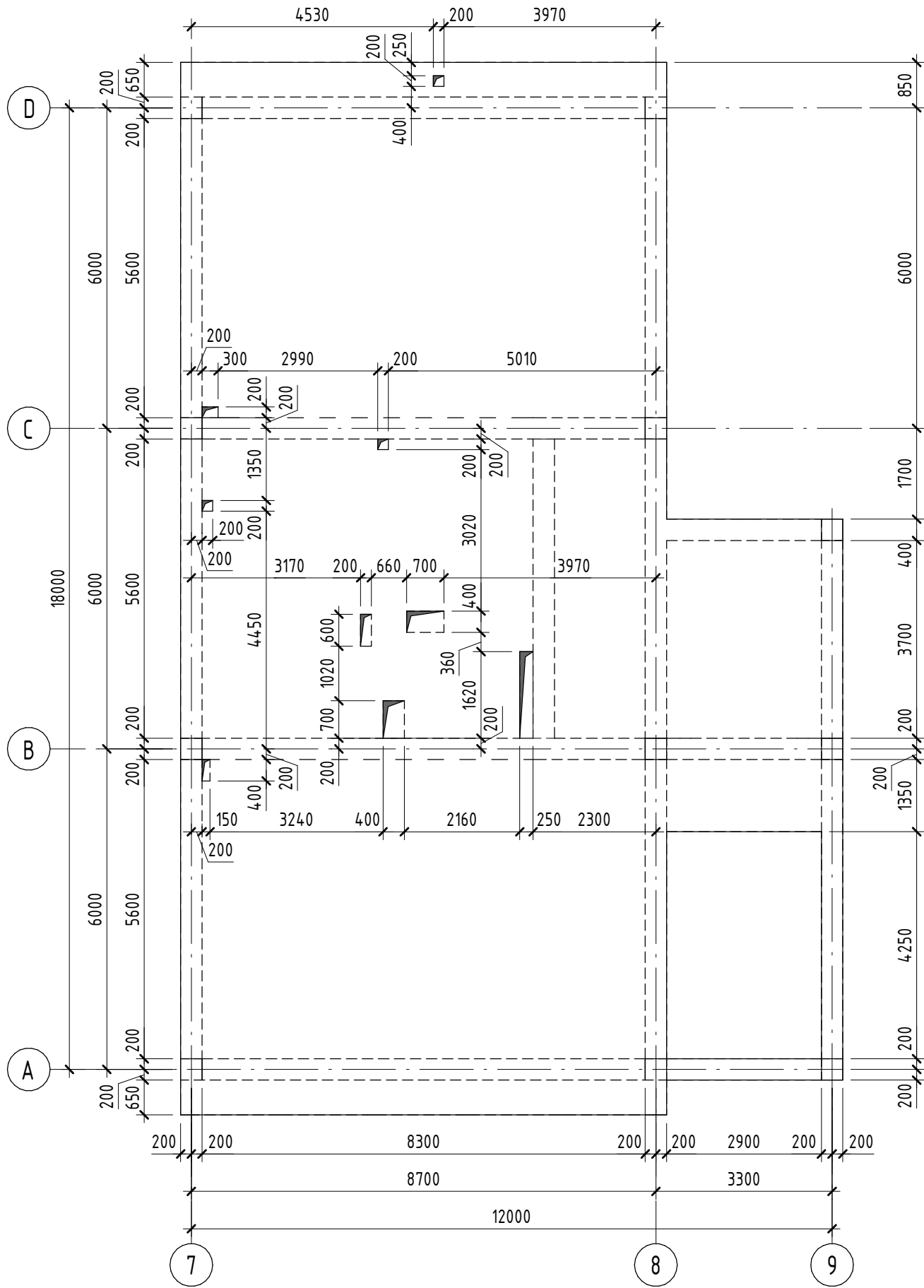
Borderou detalii	
Poz.	Schita
Г 13	 A=5800; B=155; α=90°; don=50
Г 14	 A=110; B=1445; α=90°; don=50
Г 15	 A=775; B=620; α=150,36°; don=50
Д 16	 A=350; B=100; C=350; α=90°; don=50
П 17	 A=110; C=110; α=90°; don=50

Borderou detalii	
Poz.	Schita
П 18	 A=115; B=3215; C=115; α=90°; don=70
П 19	 A=95; B=3810; C=95; α=90°; don=50
П 20	 A=1475; B=110; C=1475; α=90°; don=50
П 21	 A=1325; B=110; C=1325; α=90°; don=50
П 22	 A=110; B=2380; C=95; α=90°; don=50
П 23	 A=1225; B=130; C=1225; α=90°; don=50

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data			
Manager	Ghimisli I.				02/23	Bloc sportiv	Faza	Plansa
ISP	Orlic A.				02/23		PE	64
Inginer	Velesco A.				02/23			
						Specificatia la schema de armare a planseului la cota +3.570		PROJECT 345

N. inv. original	
Stimnatura data	In schimb. nr.

Schema de executie a planseului la cota +7.200

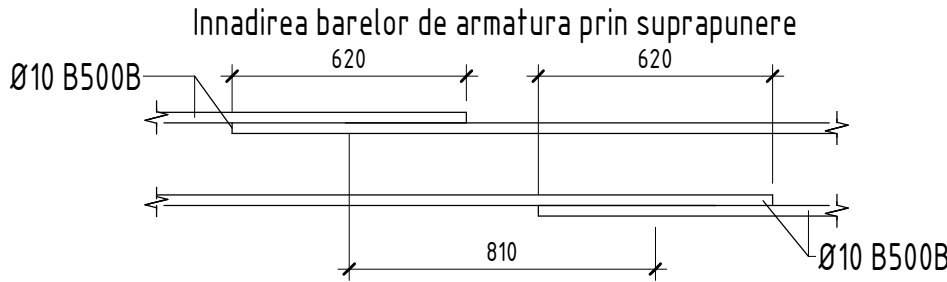


Borderou consum beton

		Materiale		
Planseu cota +7.200	SM EN 206:2013+A2:2021	Beton C20/25		29,22 m³

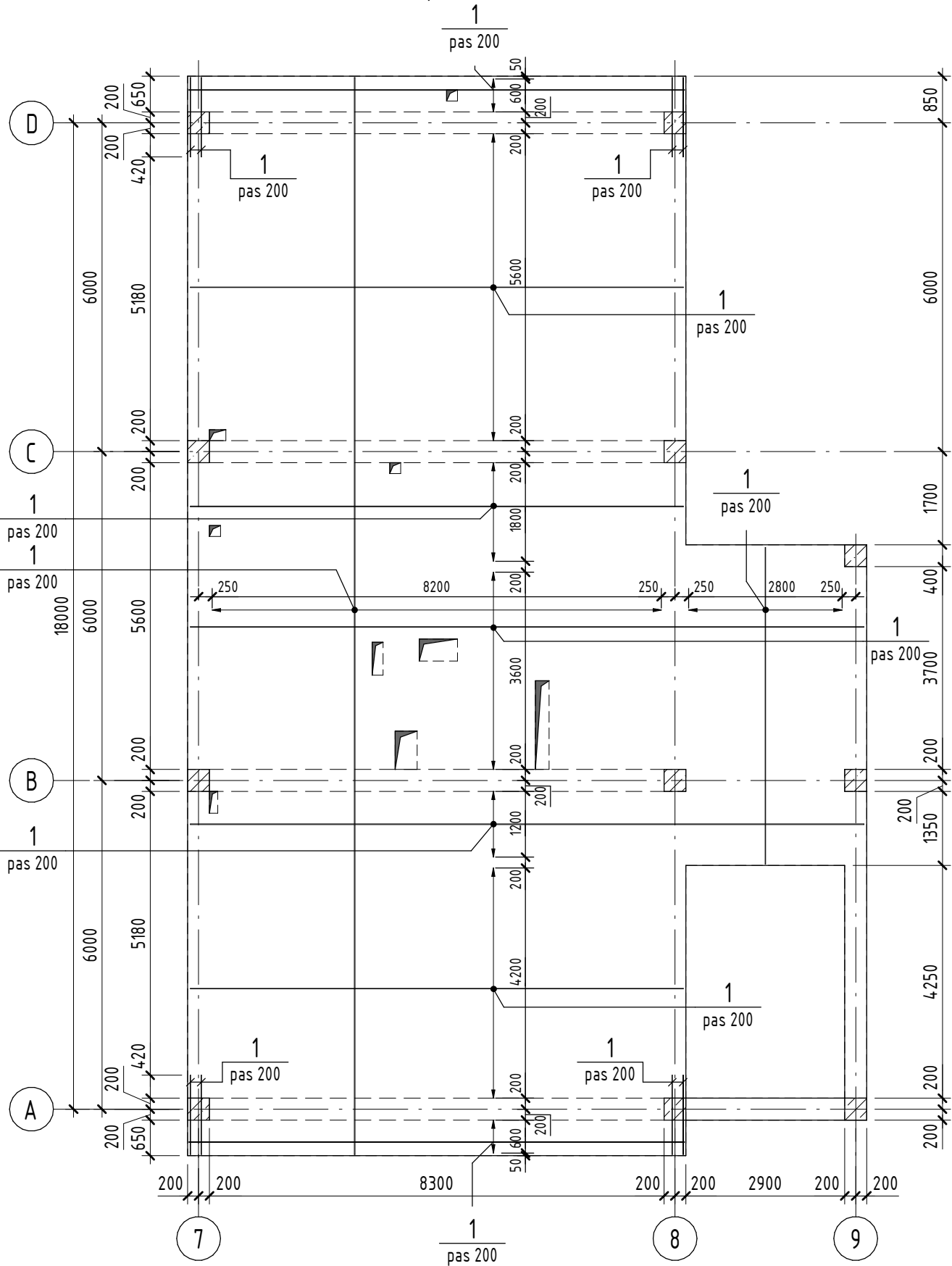
Borderou de consum otel

Marca elementului	Detalii din otel-beton			
	Otel-beton clasa			Total
	B500B			
	SM SR EN 10080:2014			
	Ø10	Ø14	Total	
Planseu cota +7.200	3232,76	452,5	3685,26	3685,26

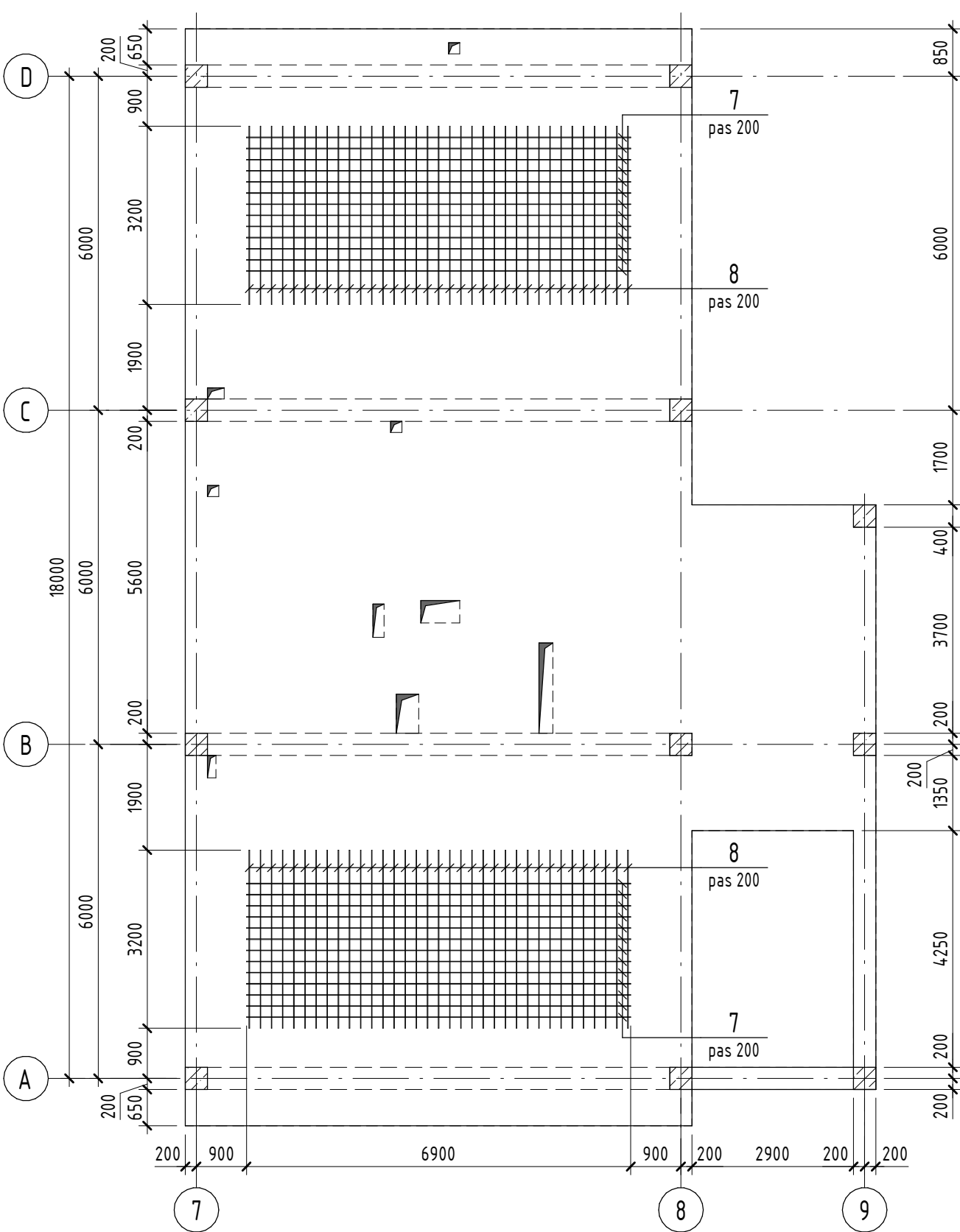


Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA					
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49					
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data						
Manager	Ghimisli I.				02/23	Bloc sportiv			Faza	Plansa	Planse
ISP	Orlic A.				02/23				PE	65	
Inginer	Velesco A.				02/23	Schema de executie a planseului la cota +7.200			PROJECT 345		

Schema de armare a a planseului la cota +7.200 (armare inferioara)



Schema de armare a a planseului la cota +7.200 (armare inferioara, bare suplimentare)



N. inv. original	Simnatura data	In schimb. nr.

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data				
						Bloc sportiv	Faza	Plansa	Planse
Manager	Ghimisli I.				02/23		PE	66	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23	Schema de armare a a planseului la cota +7.200 (armare inferioara)			

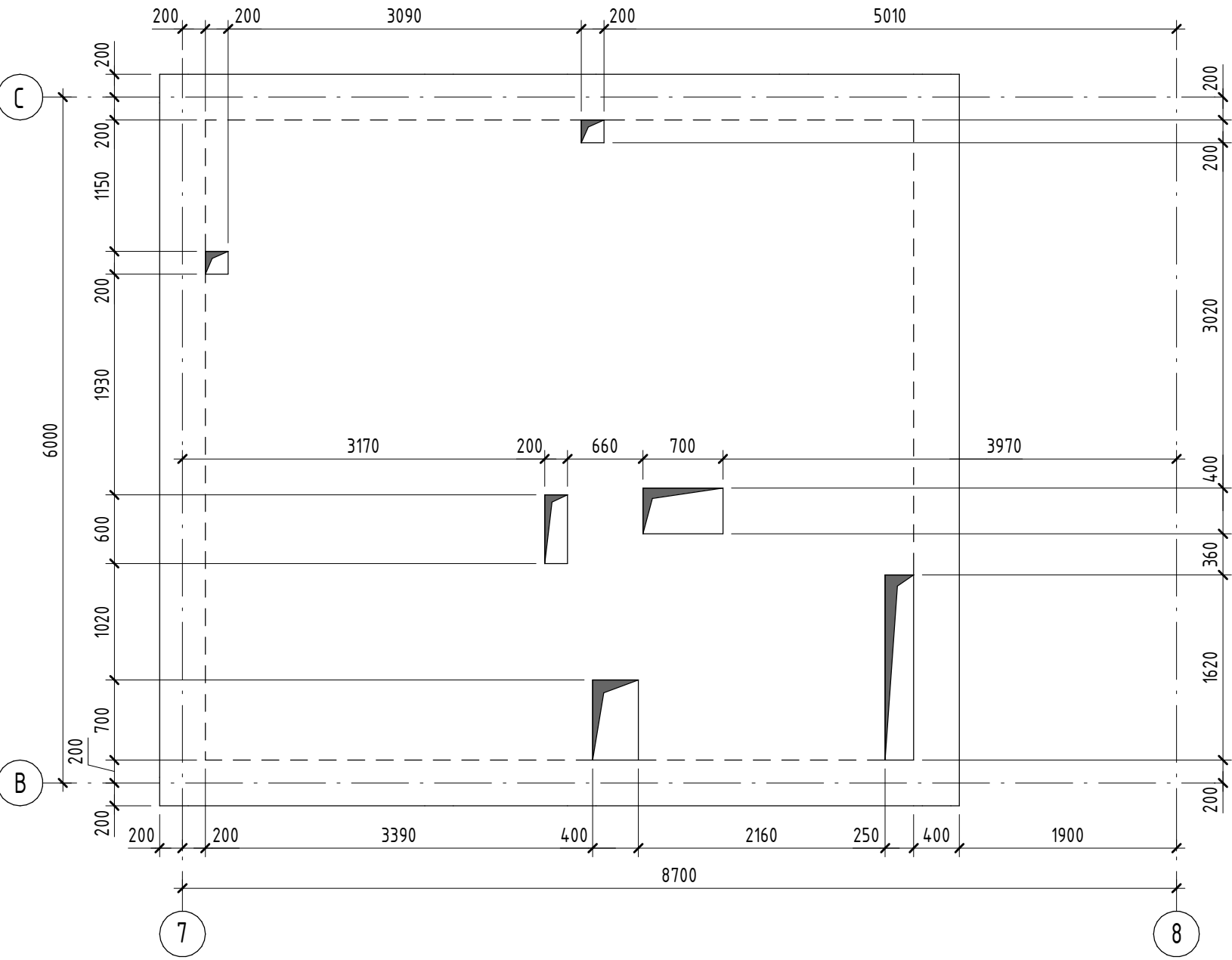
PROJECT 345

Specificatia la schema de armare a planseului la cota +7.200						
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota	
		<u>Detalii</u>				
1	SM SR EN 10080:2014	Ø 10 B500B Лодщ(мн)	2051,16	0,617	1265,57	
2	SM SR EN 10080:2014	Ø 14 B500B L = 4320	6	5,22	31,32	
3	SM SR EN 10080:2014	Ø 14 B500B L = 4020	4	4,86	19,44	
4	SM SR EN 10080:2014	Ø 14 B500B L = 3100	4	3,75	15	
5	SM SR EN 10080:2014	Ø 14 B500B L = 2800	4	3,39	13,56	
6	SM SR EN 10080:2014	Ø 14 B500B L = 2600	12	3,15	37,8	
7	SM SR EN 10080:2014	Ø 10 B500B L = 6900	26	4,26	110,76	
8	SM SR EN 10080:2014	Ø 10 B500B L = 3200	70	1,98	138,6	
9	SM SR EN 10080:2014	Ø 10 B500B L = 3160	4	1,95	7,8	
10	SM SR EN 10080:2014	Ø 10 B500B L = 2200	4	1,36	5,44	
11	SM SR EN 10080:2014	Ø 10 B500B L = 2000	12	1,24	14,88	
12	SM SR EN 10080:2014	Ø 10 B500B L = 1850	10	1,15	11,5	
13	SM SR EN 10080:2014	Ø 10 B500B L = 1800	20	1,12	22,4	
Г14	SM SR EN 10080:2014	Ø 10 B500B L = 5930	15	3,66	54,9	
Г15	SM SR EN 10080:2014	Ø 10 B500B L = 1530	8	0,95	7,6	
Д16	ГОСТ P 52544-2006	Ø 10 B500 L = 1160	223	0,72	160,56	
П17	SM SR EN 10080:2014	Ø 10 B500B Лодщ(мн)	1974,3 2	0,617	1218,16	
П18	SM SR EN 10080:2014	Ø 14 B500B L = 3385	82	4,09	335,38	
П19	SM SR EN 10080:2014	Ø 10 B500B L = 4335	2	2,68	5,36	
П20	SM SR EN 10080:2014	Ø 10 B500B L = 3955	7	2,45	17,15	
П21	SM SR EN 10080:2014	Ø 10 B500B L = 3335	1	2,06	2,06	
П22	SM SR EN 10080:2014	Ø 10 B500B L = 3015	2	1,87	3,74	
П23	SM SR EN 10080:2014	Ø 10 B500B L = 2815	4	1,74	6,96	
П24	SM SR EN 10080:2014	Ø 10 B500B L = 2715	3	1,68	5,04	
П25	SM SR EN 10080:2014	Ø 10 B500B L = 2585	105	1,6	168	
П26	SM SR EN 10080:2014	Ø 10 B500B L = 2535	4	1,57	6,28	
		<u>Materiale</u>				
Planseu cota +7.200	SM EN 206:2013+A2:2021	Beton C20/25			29,22 м³	

N. inv. original	
Stimnatura data	
In schimb. nr.	

Borderou detalii						
Poz.	Schita					
Г 14						

Schema de executie a planseului la cota +7.700



Borderou de consum otel

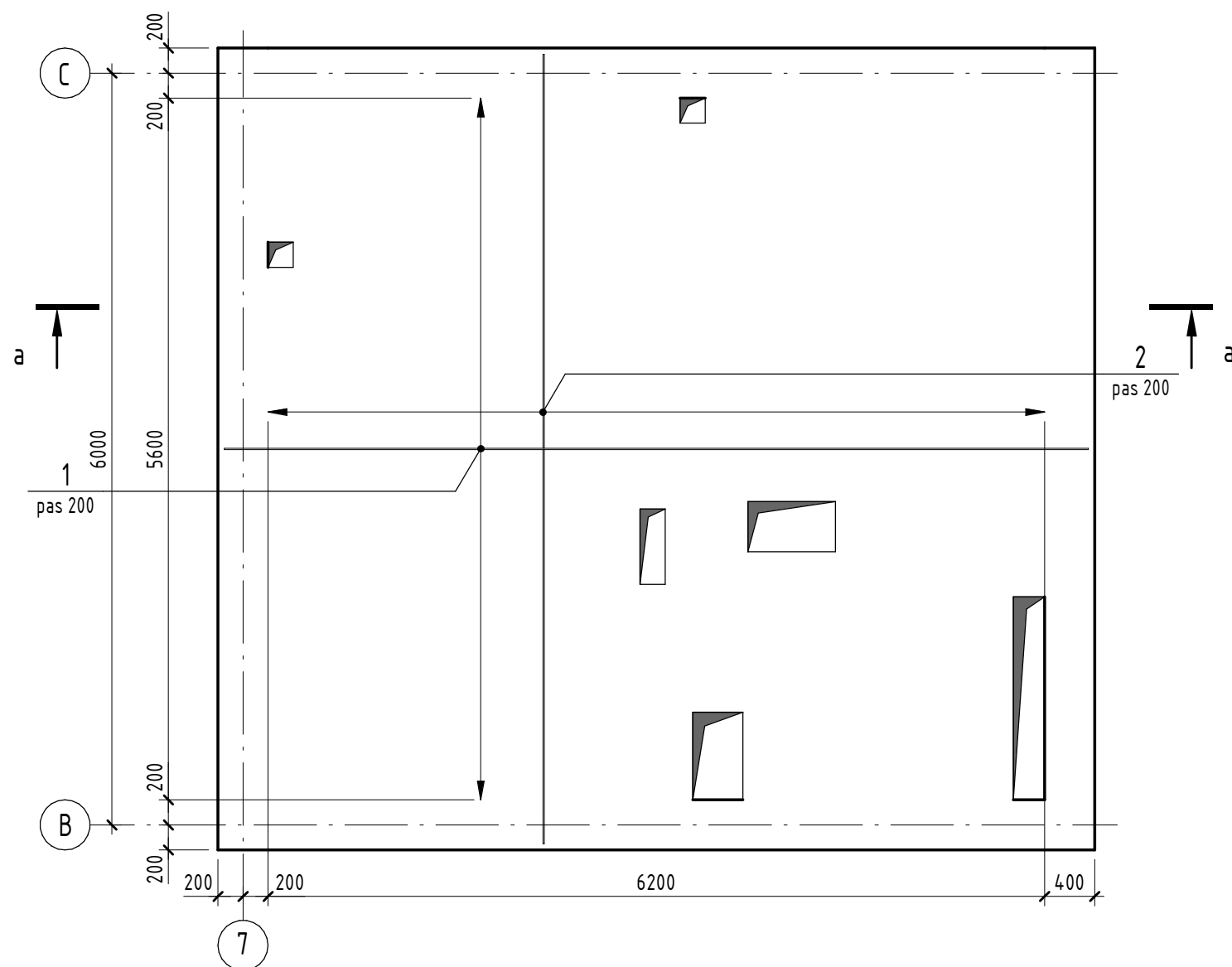
Marca elementului	Detalii din otel-beton		
	Otel-beton clasa		Total
	B500B		
	SM SR EN 10080:2014		
	Ø10	Total	
Planseu cota +7.700	632,68	632,68	632,68

Borderou consum beton

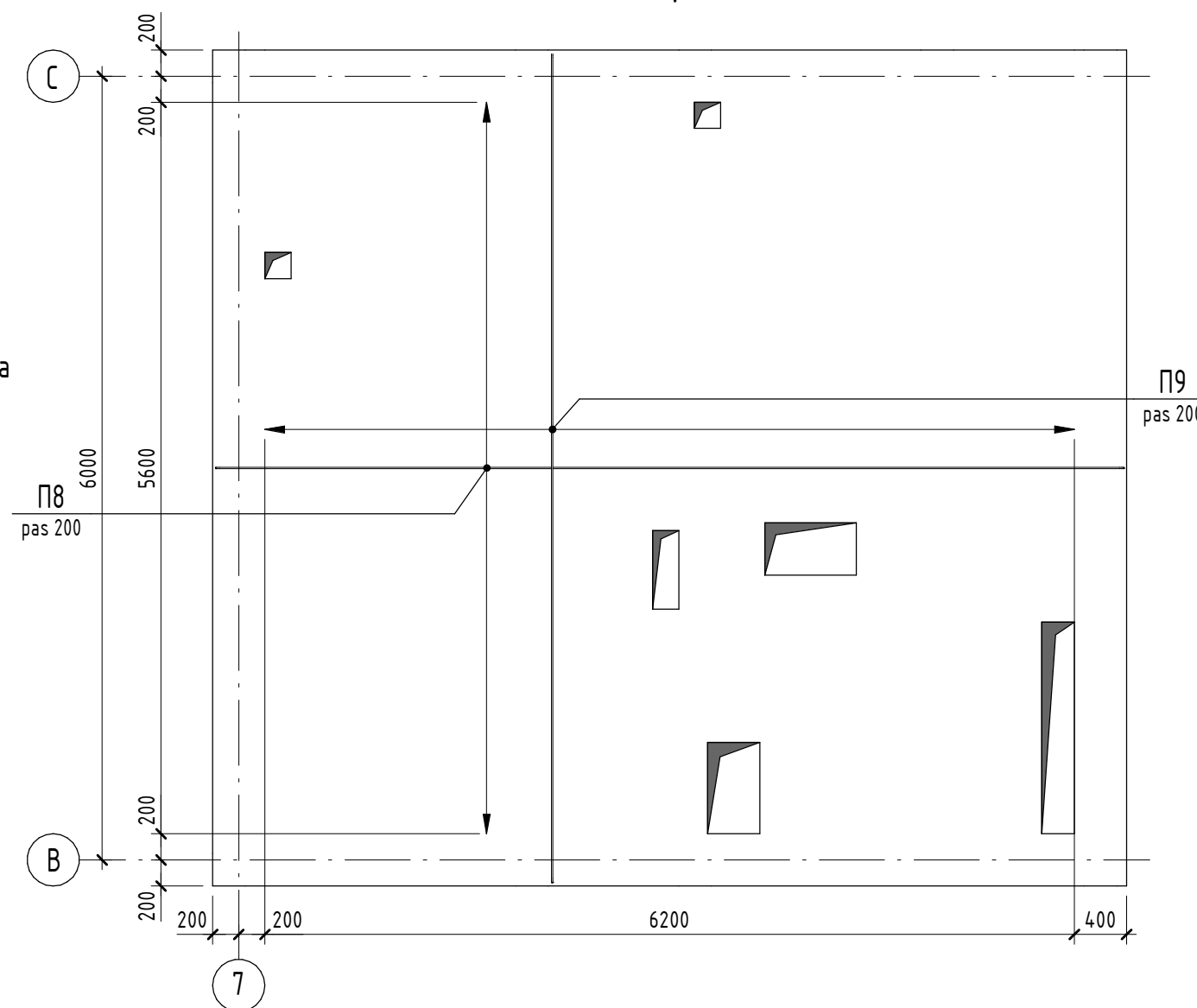
		Materiale		
Planseu cota +7.700	SM EN 206:2013+A2:2021	Beton C20/25		6,04 m³

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data				
Manager	Ghimisli I.				02/23	Bloc sportiv	Faza	Plansa	Planse
ISP	Orlic A.				02/23		PE	70	
Inginer	Velesco A.				02/23	Schema de executie a planseului la cota +7.700	PROJECT 345		

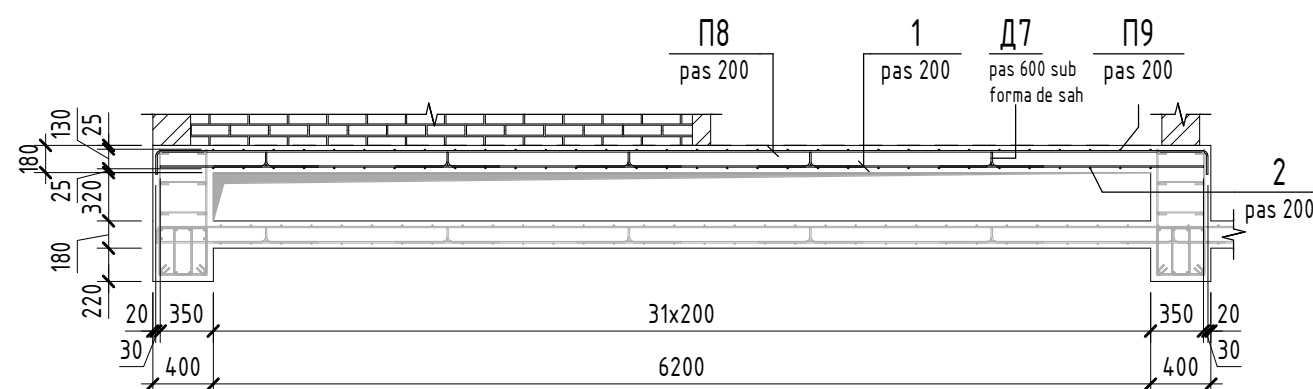
Schema de armare a a planseului la cota +7.700
(armare inferioara)



Schema de armare a a planseului la cota +7.700
(armare superioara)

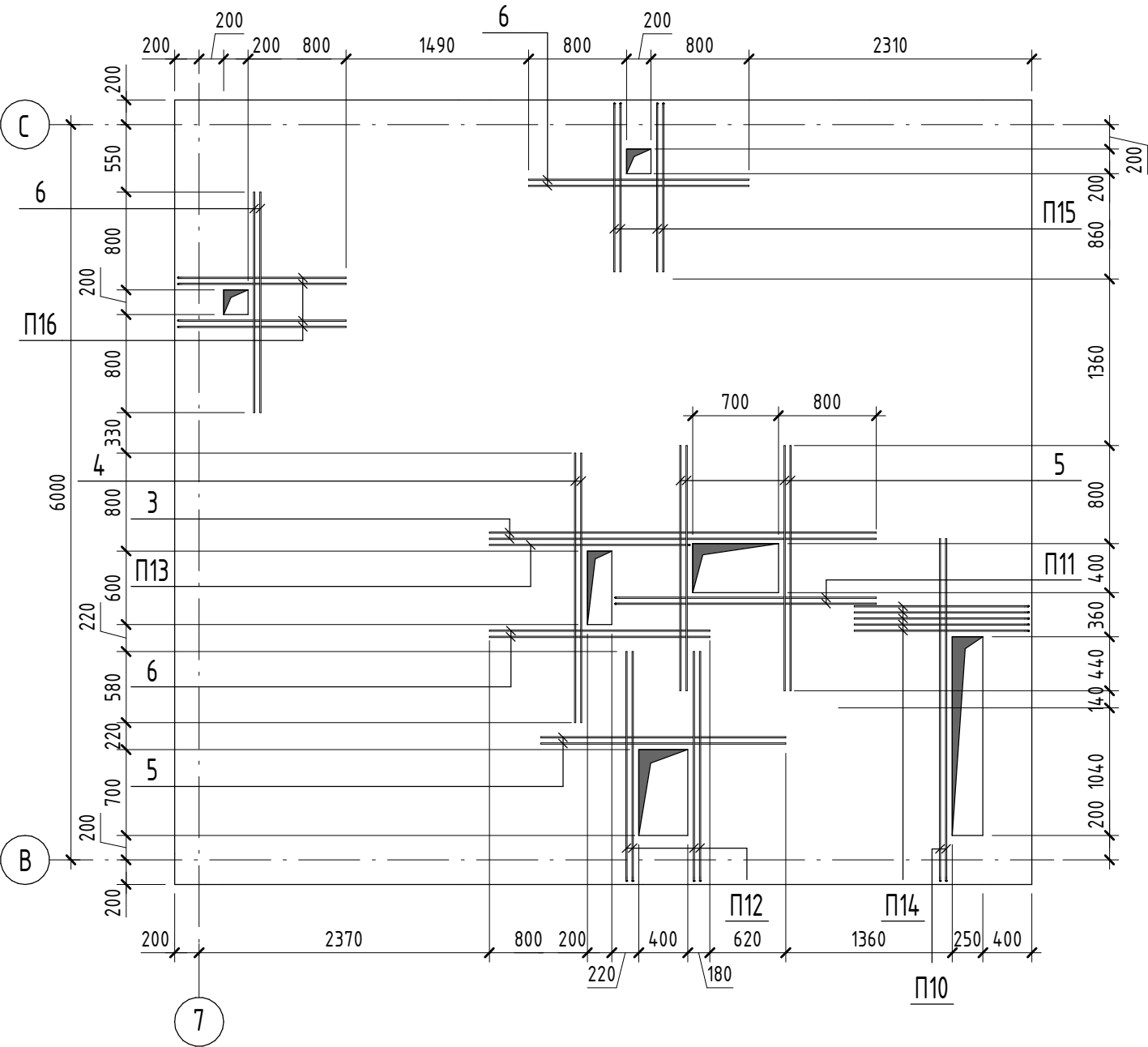


a-a

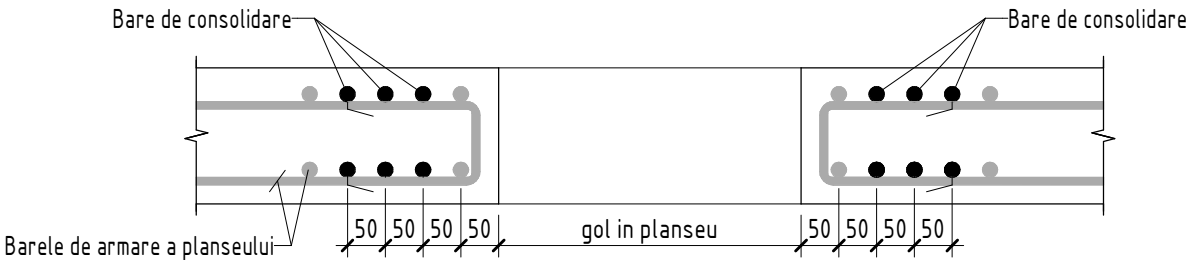


Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	71
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Schema de armare aplanseului la cota +7.700		
						PROJECT 345		

Schema de armare a a planseului la cota +7.700
(bare de consolidare)



Principiul de armare a golurilor in planseu

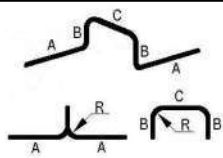
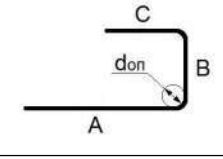
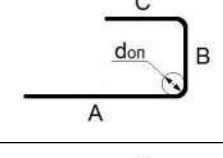
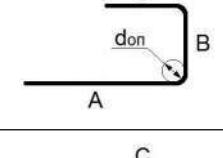
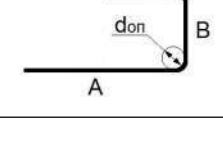


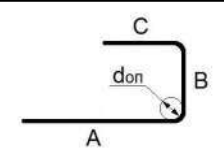
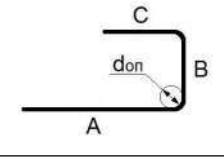
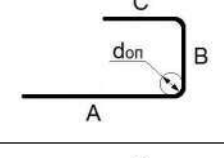
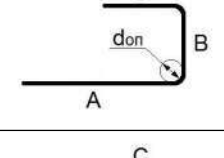
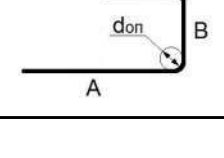
Nota:
Barele care intersecteaza goluri se taie si se indoaie in corpul planseului.

N. inv. original	Simnatura data	In schimb. nr.

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foaie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
							PE	72
Manager	Ghimisli I.				02/23			
ISP	Orlic A.				02/23	Schema de armare a planseului la cota +7.700 (bare de consolidare)	PROJECT 345	
Inginer	Velesco A.				02/23			

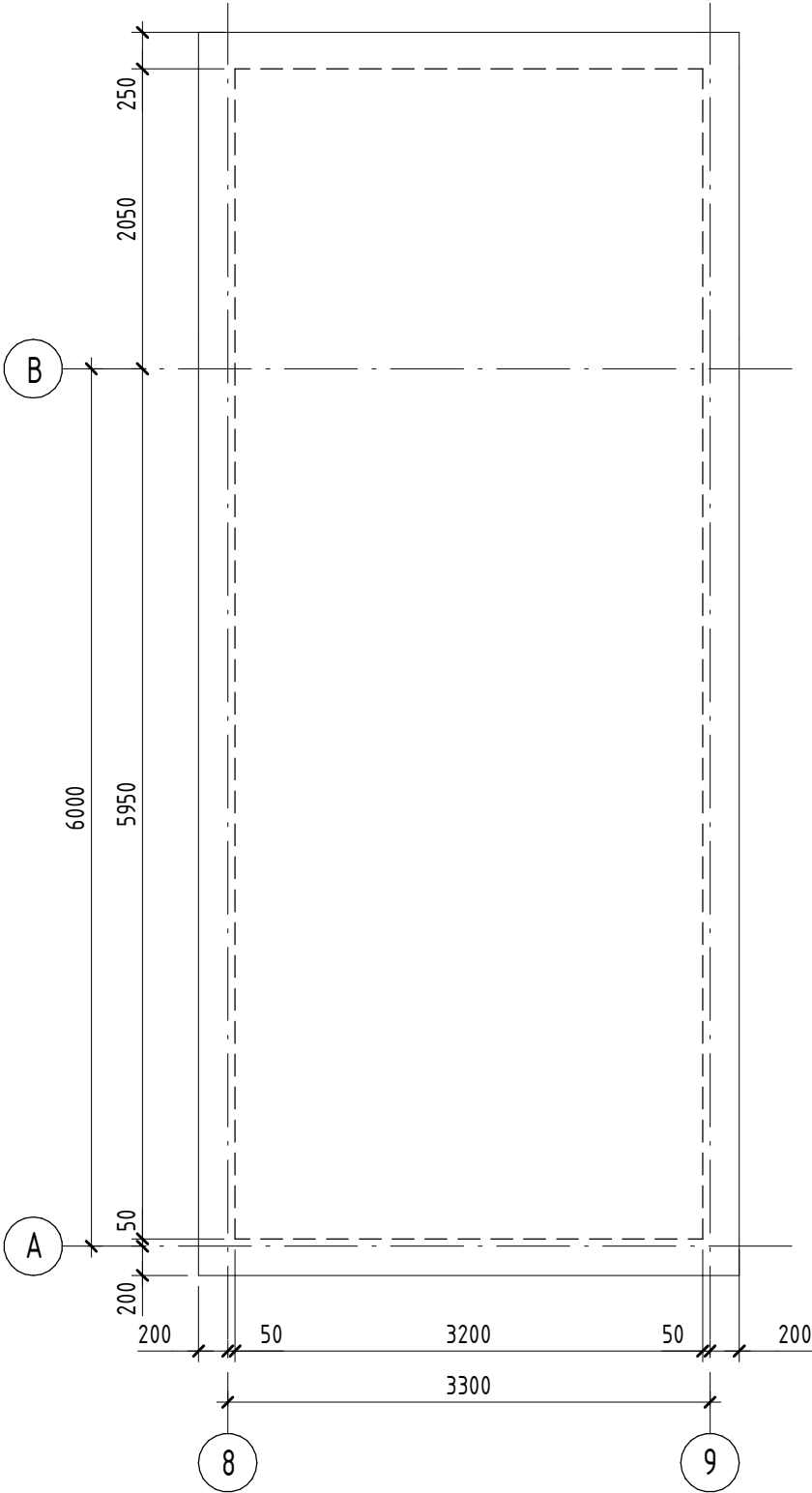
N. inv. original	Stimnatura data	In schimb. nr.

Borderou detalii	
Poz.	Schita
Д 7	 A=350; B=100; C=350; α=90°; don=50
П 8	 A=155; B=6960; C=155; α=90°; don=50
П 9	 A=155; B=6350; C=155; α=90°; don=50
П 10	 A=2795; B=130; C=2795; α=90°; don=50
П 11	 A=2135; B=110; C=2135; α=90°; don=50

Borderou detalii	
Poz.	Schita
П 12	 A=1875; B=130; C=1875; α=90°; don=50
П 13	 A=1635; B=110; C=1635; α=90°; don=50
П 14	 A=1425; B=110; C=1425; α=90°; don=50
П 15	 A=1375; B=130; C=1375; α=90°; don=50
П 16	 A=1375; B=110; C=1375; α=90°; don=50

Specificatia la schema de armare a planseului la cota +7.700					
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		Detalii			
1	SM SR EN 10080:2014	Ø 10 B500B L = 6900	29	4,26	123,54
2	SM SR EN 10080:2014	Ø 10 B500B L = 6300	32	3,89	124,48
3	SM SR EN 10080:2014	Ø 10 B500B L = 3160	4	1,95	7,8
4	SM SR EN 10080:2014	Ø 10 B500B L = 2200	4	1,36	5,44
5	SM SR EN 10080:2014	Ø 10 B500B L = 2000	12	1,24	14,88
6	SM SR EN 10080:2014	Ø 10 B500B L = 1800	12	1,12	13,44
Д7	ГОСТ P 52544-2006	Ø 10 B500 L = 1160	50	0,72	36
П8	SM SR EN 10080:2014	Ø 10 B500B L = 7225	29	4,46	129,34
П9	SM SR EN 10080:2014	Ø 10 B500B L = 6615	32	4,09	130,88
П10	SM SR EN 10080:2014	Ø 10 B500B L = 5675	2	3,51	7,02
П11	SM SR EN 10080:2014	Ø 10 B500B L = 4335	2	2,68	5,36
П12	SM SR EN 10080:2014	Ø 10 B500B L = 3835	4	2,37	9,48
П13	SM SR EN 10080:2014	Ø 10 B500B L = 3335	1		

Schema de executie a planseului la cota +9.980

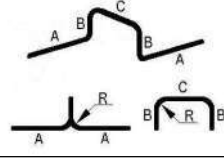
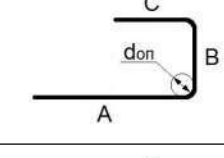
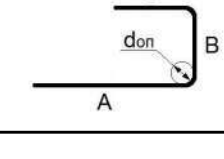


Specificatia la schema de armare a a planseului la cota +9.980

Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
Detalii					
1	SM SR EN 10080:2014	Ø 8 B500B L = 8400	17	3,32	56,44
2	SM SR EN 10080:2014	Ø 8 B500B L = 3600	41	1,43	58,63
Д3	ГОСТ P 52544-2006	Ø 10 B500 L = 1190	33	0,74	24,42
П4	SM SR EN 10080:2014	Ø 8 B500B L = 8820	17	3,49	59,33
П5	SM SR EN 10080:2014	Ø 8 B500B L = 4020	41	1,59	65,19
Materiale					
Planseu cota +9.980	SM EN 206:2013+A2:2021	Beton C20/25			4,61м³

Borderou de consum otel

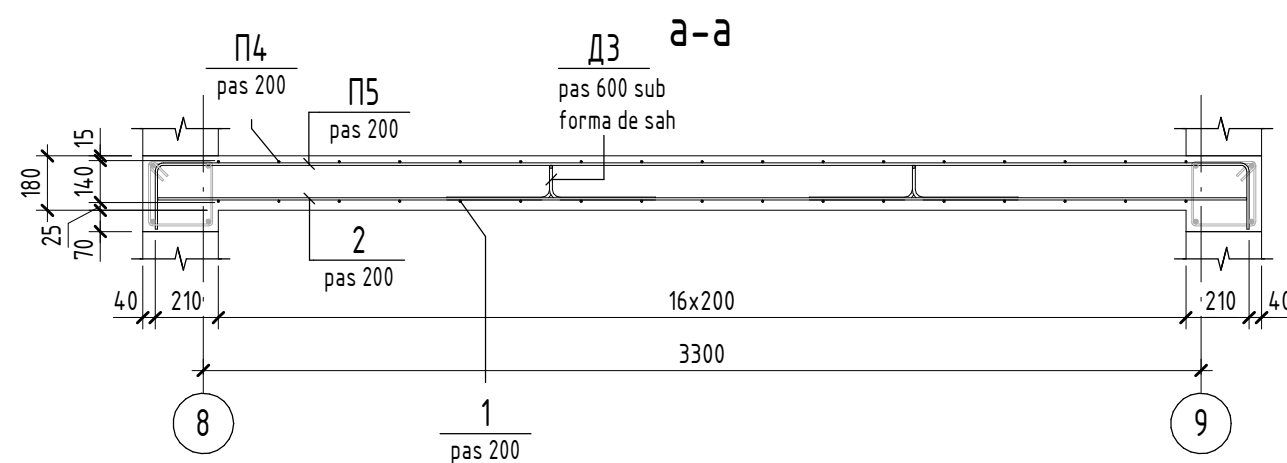
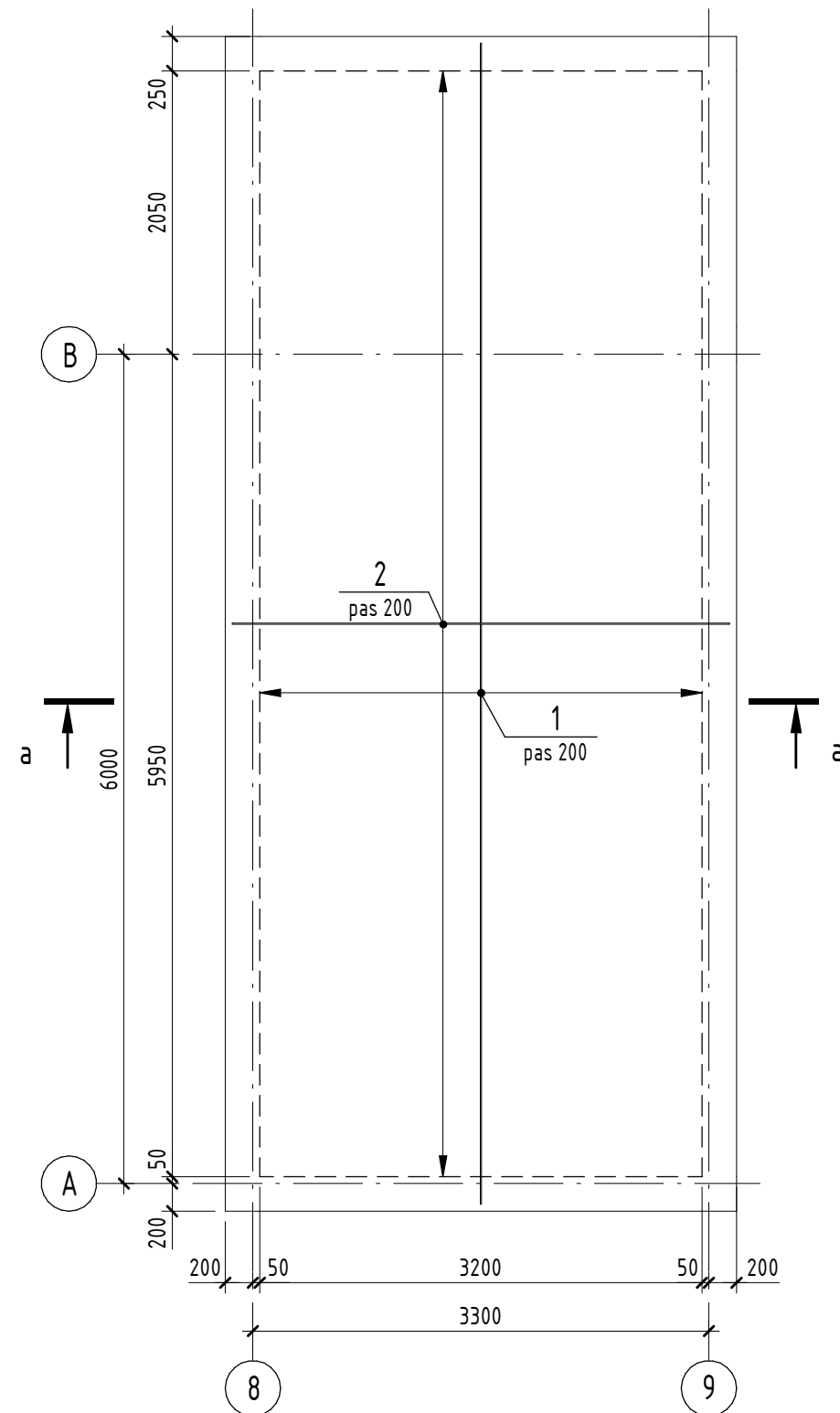
Borderou detalii

Poz.	Schita
Д 3	 A=350; B=115; C=350; α=90°; don=50
П 4	 A=220; B=8420; C=220; α=90°; don=40
П 5	 A=220; B=3620; C=220; α=90°; don=40

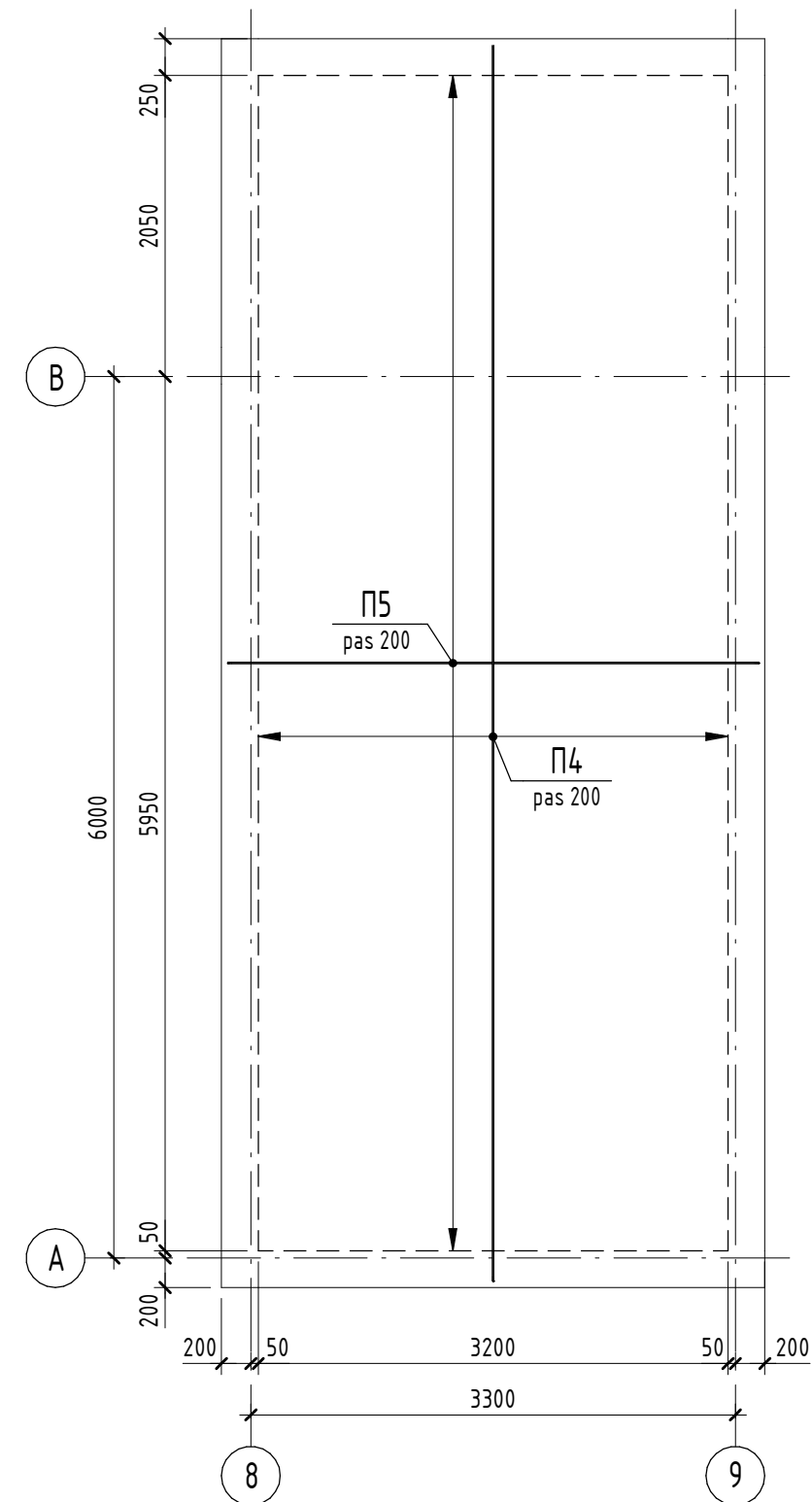
N. inv. original	In schimb. nr.
Stimnatura data	

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	74
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Schema de executie a planseului la cota +9.980		
						PROJECT 345		

Schema de armare a a planseului la cota +9.980
(armare inferioara)

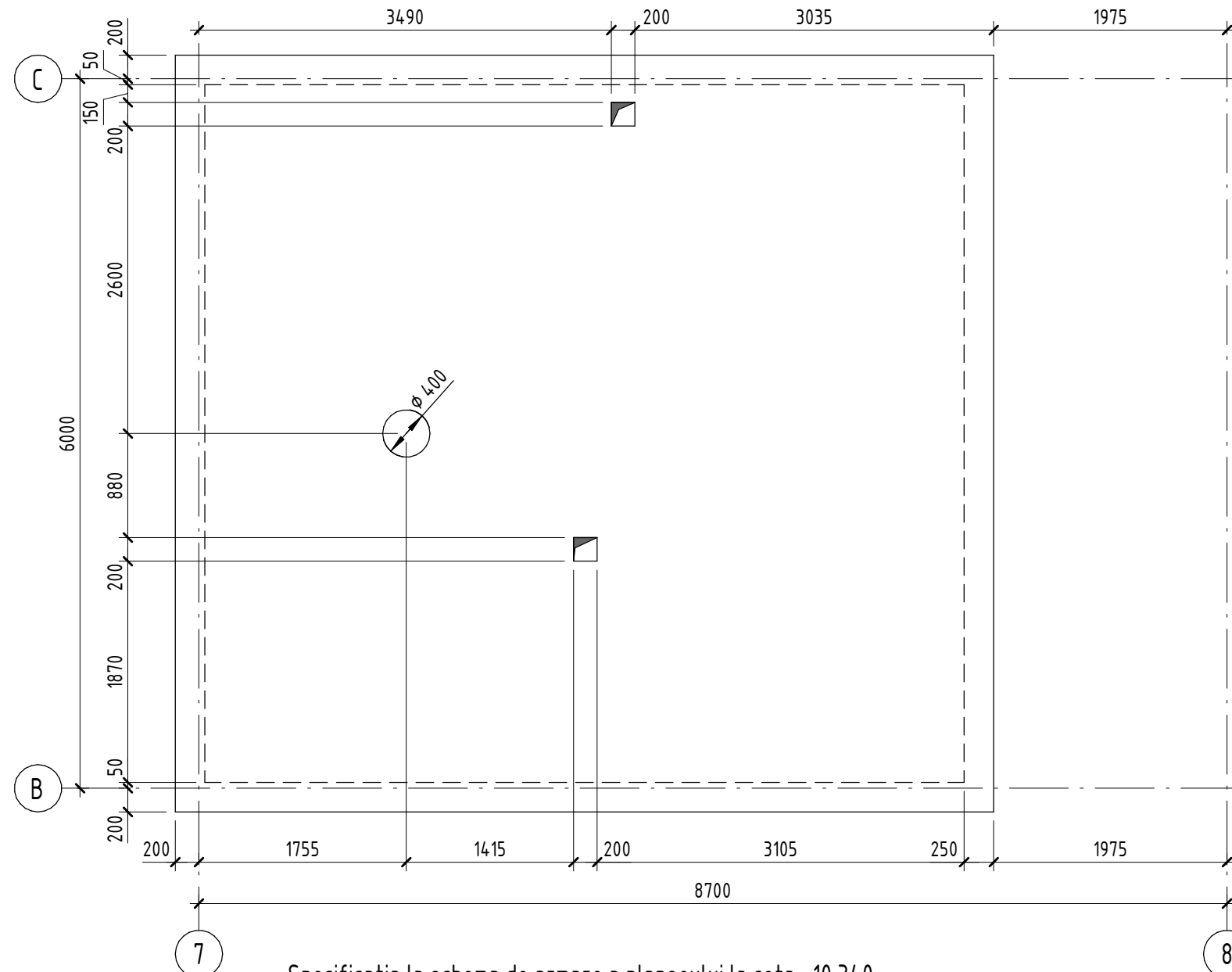


Schema de armare a a planseului la cota +9.980
(armare superioara)



Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data					
						Bloc sportiv		Faza	Plansa	Planse
Manager		Ghimisli I.			02/23			PE	75	
ISP		Orlic A.			02/23	Schema de armare a a planseului la cota +9.980		PROJECT 345		
Inginer		Velesco A.			02/23					

Schema de executie a planseului la cota +10.340



Borderou de consum otel

Marca elementului	Detalii din otel-beton			Total	
	Otel-beton clasa				
	B500B				
	SM SR EN 10080:2014				
	Ø8	Ø10	Total		
Planseu cota +10.340	358,78	34,5	393,28	393,28	

Borderou detalii

Poz.	Schita
Д 5	A=350; B=75; C=350; α=90°; don=50
П 6	A=220; B=6845; C=220; α=90°; don=40

Borderou detalii

Poz.	Schita
П 7	A=220; B=6320; C=220; α=90°; don=40
П 8	A=1225; B=100; C=1225; α=90°; don=40

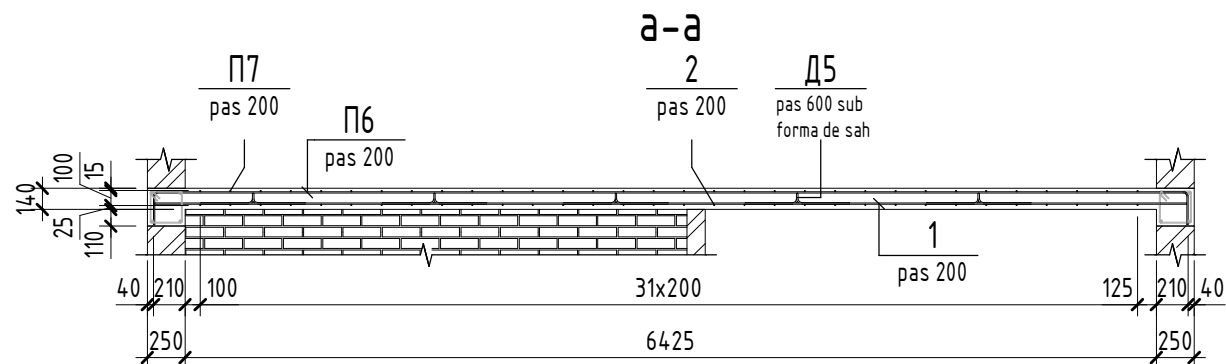
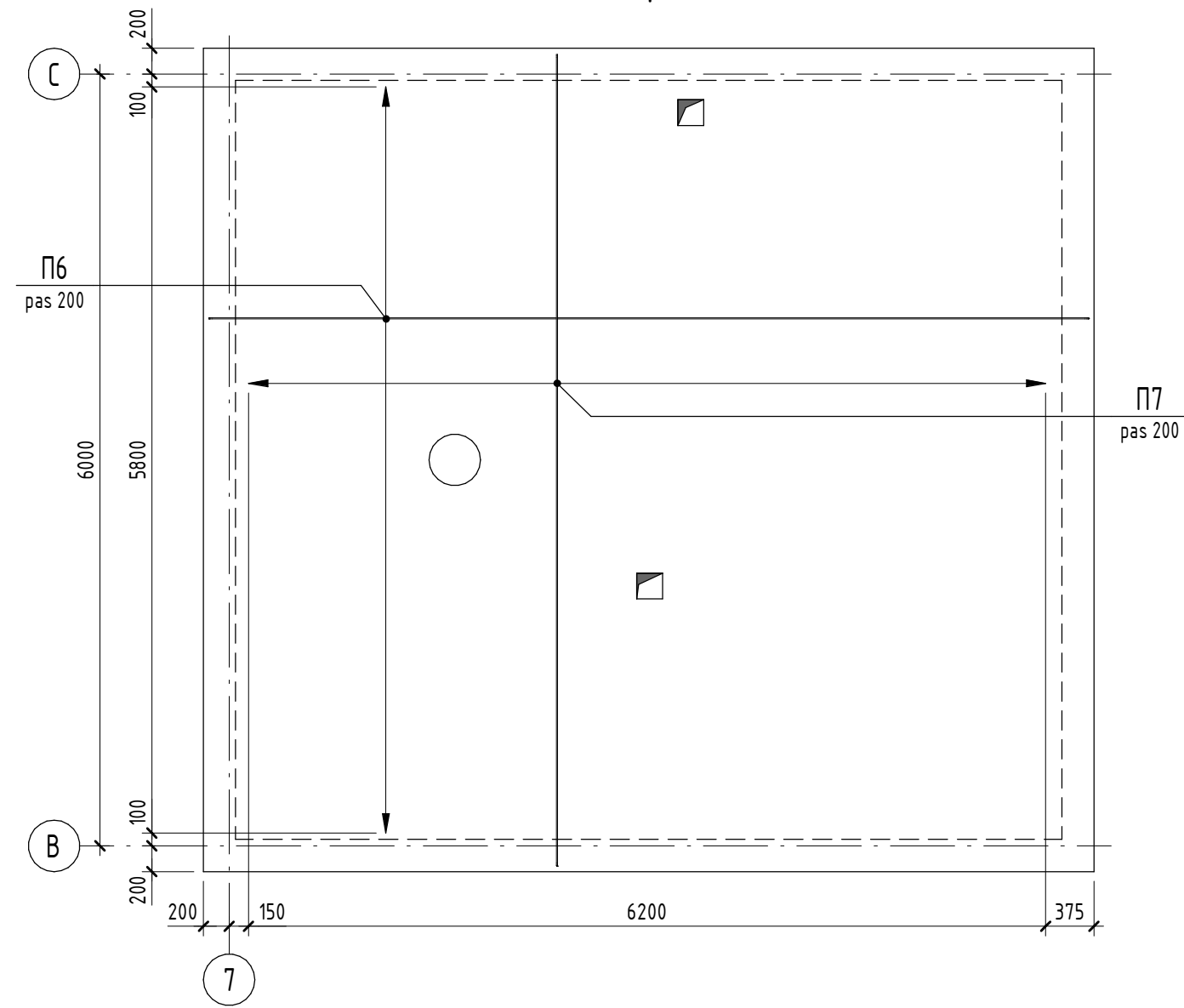
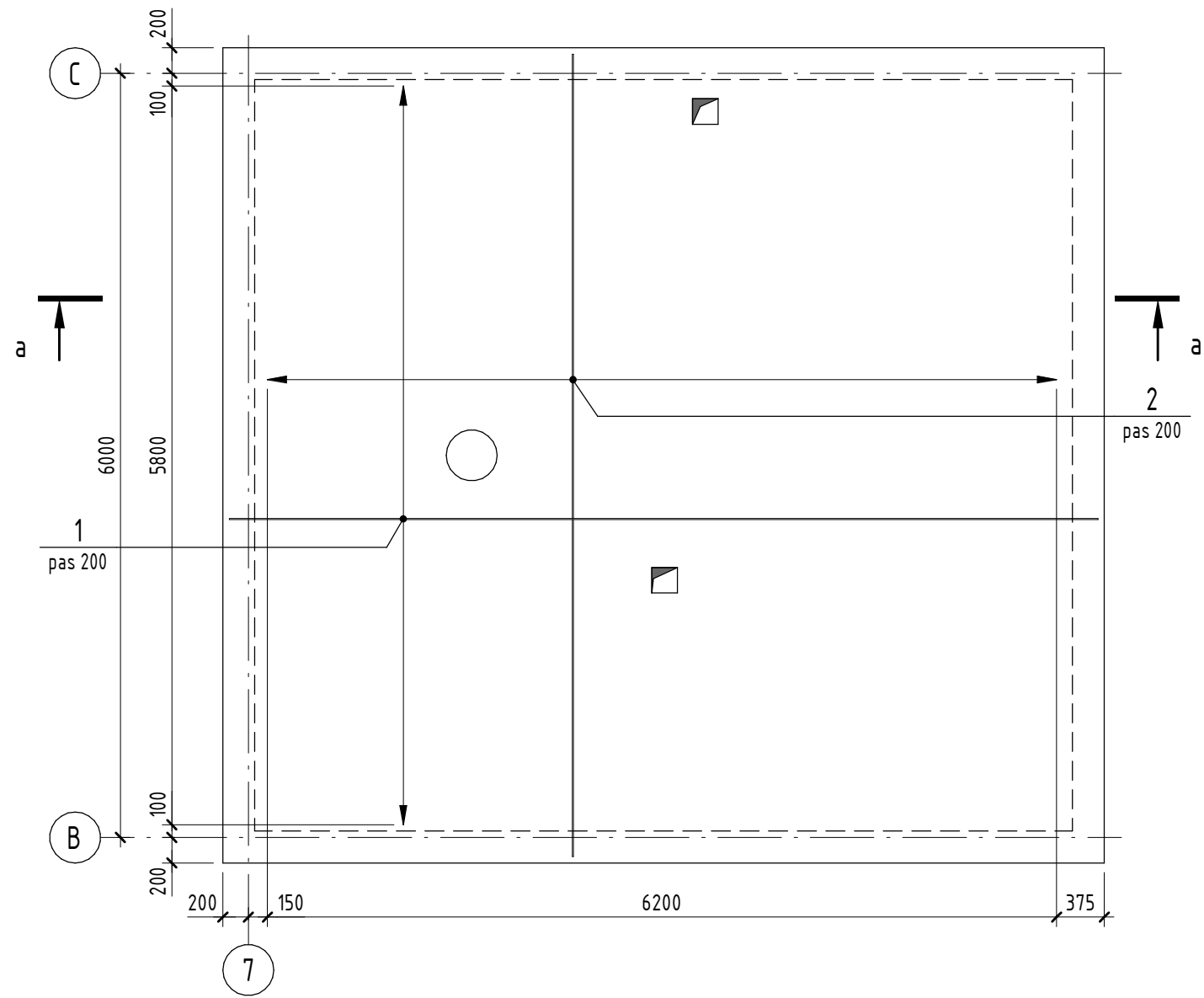
Specificatia la schema de armare a planseului la cota +10.340

Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		<u>Detalii</u>			
1	SM SR EN 10080:2014	Ø 8 B500B L = 6825	30	2,7	81
2	SM SR EN 10080:2014	Ø 8 B500B L = 6300	32	2,49	79,68
3	SM SR EN 10080:2014	Ø 8 B500B L = 1700	16	0,68	10,88
4	SM SR EN 10080:2014	Ø 8 B500B L = 1500	20	0,6	12
Д5	ГОСТ P 52544-2006	Ø 10 B500 L = 1110	50	0,69	34,5
П6	SM SR EN 10080:2014	Ø 8 B500B L = 7245	30	2,87	86,1
П7	SM SR EN 10080:2014	Ø 8 B500B L = 6720	32	2,66	85,12
П8	SM SR EN 10080:2014	Ø 8 B500B L = 2510	4	1	4
		<u>Materiale</u>			
Planseu cota +10.340	SM EN 206:2013+A2:2021	Beton C20/25			5,28 m³

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data			
Manager	Ghimisli I.				02/23	Bloc sportiv		
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Schema de executie a planseului la cota +10.340		
						Faza	Plansa	Planse
						PE	76	

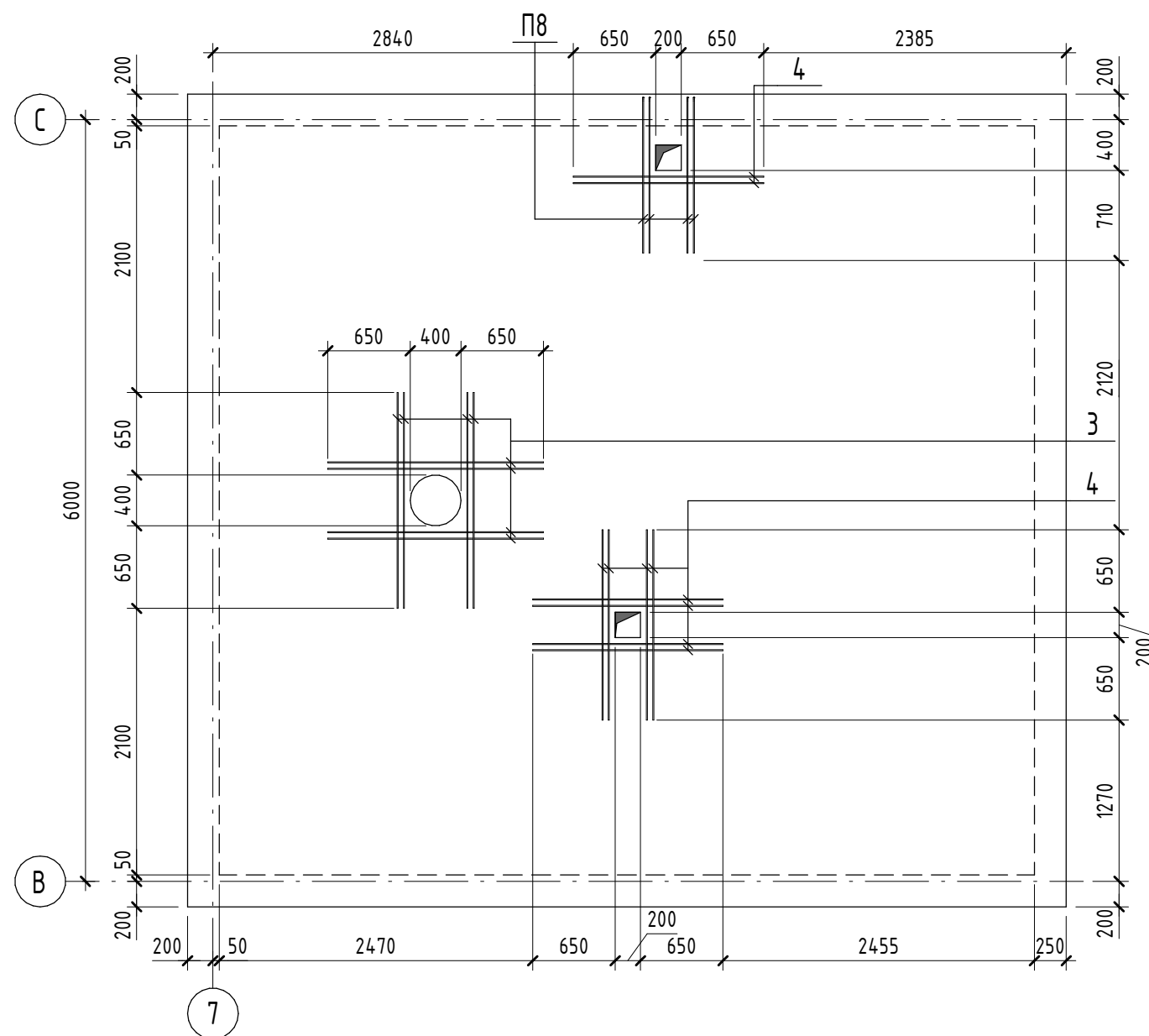
Schema de armare a a planseului la cota +10.340
(armare inferioara)

Schema de armare a a planseului la cota +10.340
(armare superioara)

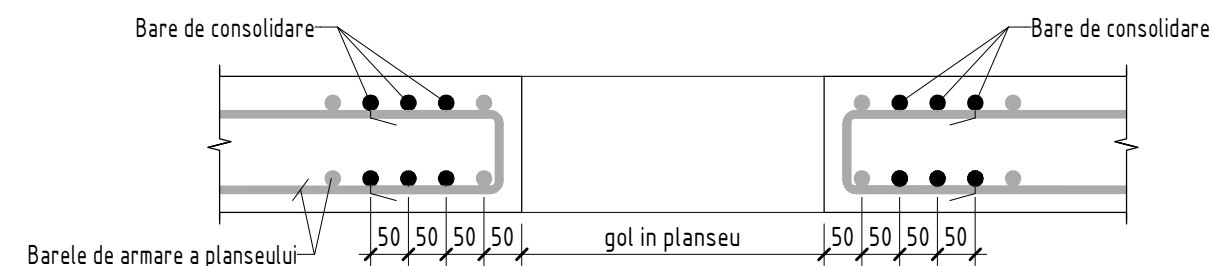


Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	77
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Schema de armare aplanseului la cota +10.340		
						PROJECT 345		

Schema de armare a planseului la cota +10.340 (bare de consolidare)



Principiul de armare a golurilor in planseu

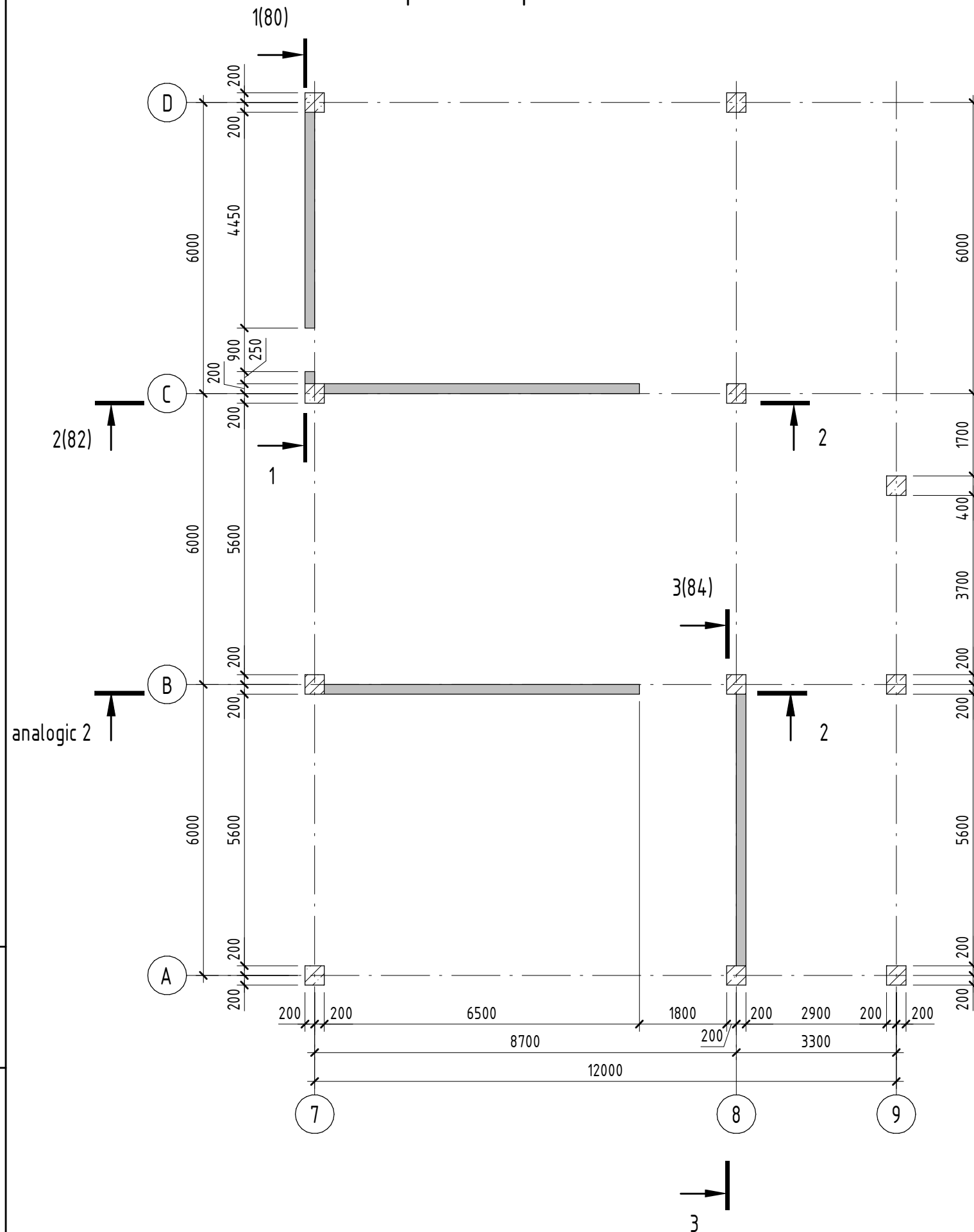


Nota:

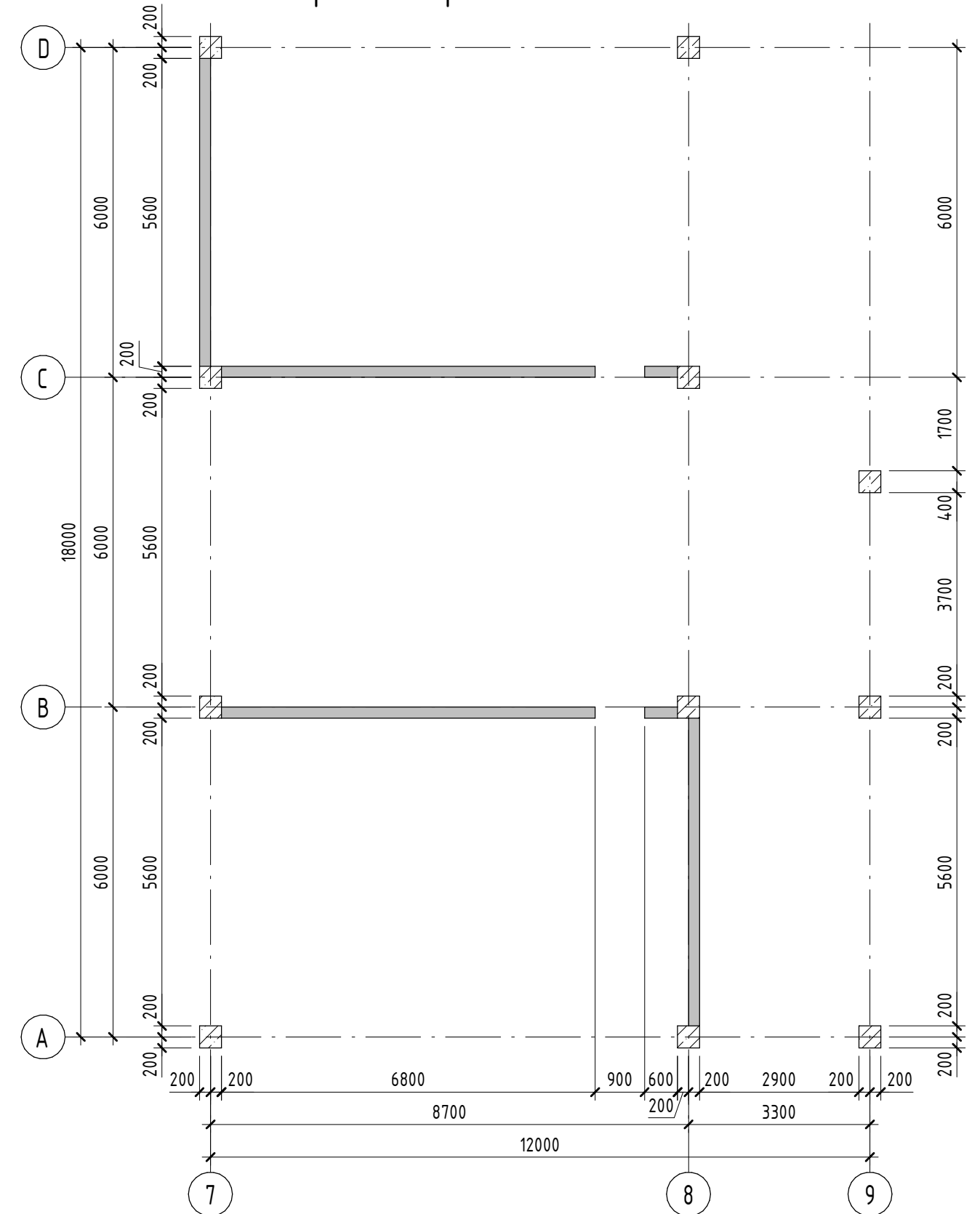
Barele care intersecteaza goluri se taie si se indoaie in corpul planseului.

N. inv. original	Simnatura data	In schimb. nr.

Schema de amplasare a peretilor din beton armat la cota -0.100

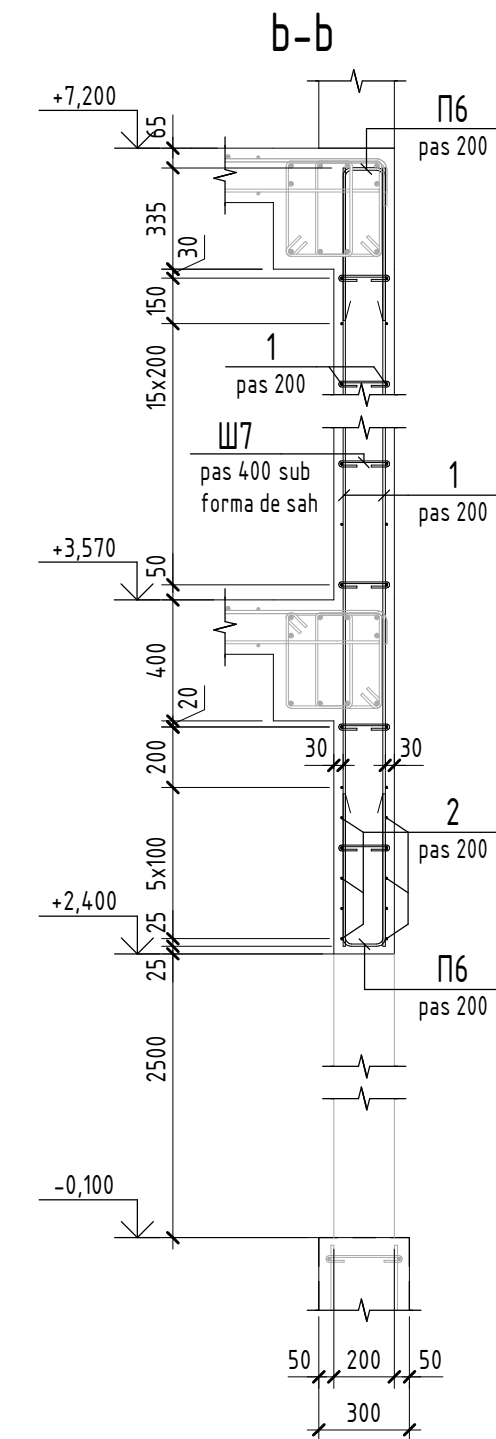
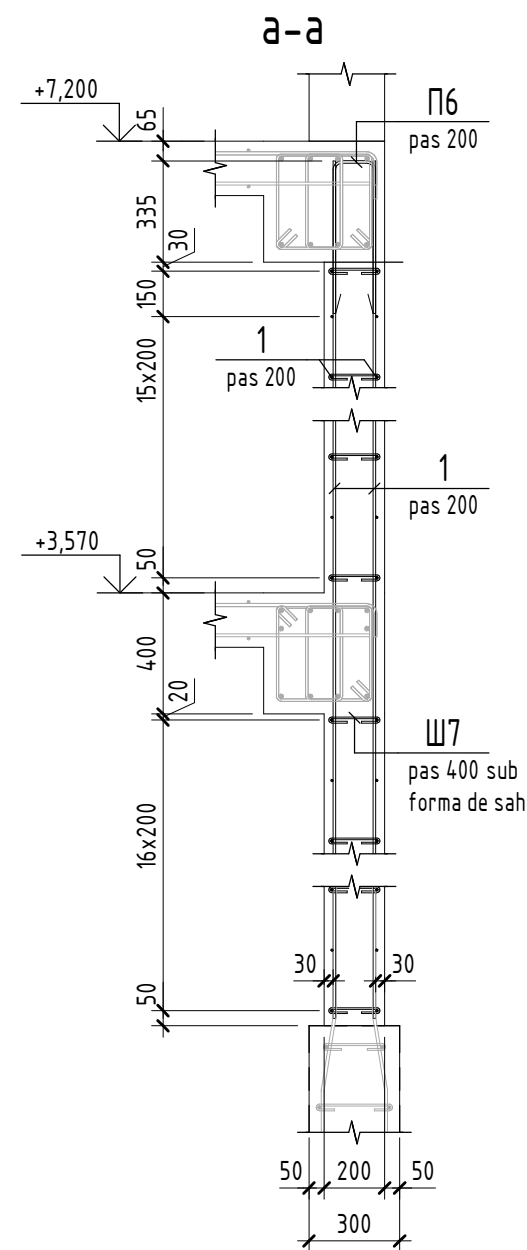
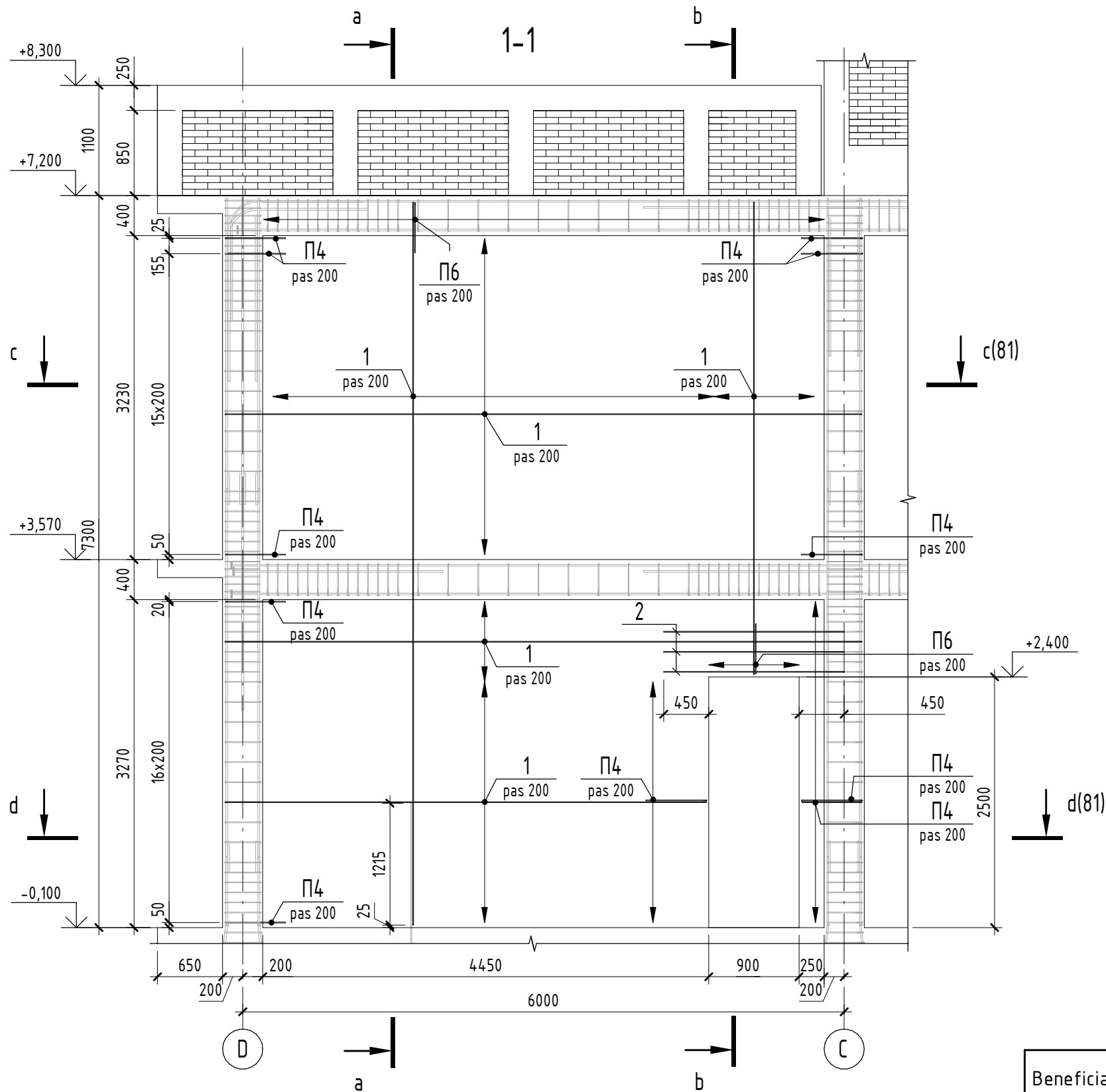


Schema de amplasare a peretilor din beton armat la cota +3.570



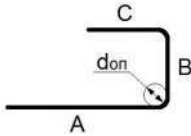
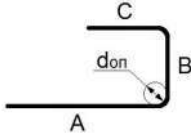
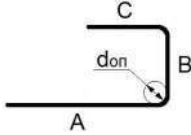
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
							PE	79
Manager	Ghimisli I.				02/23	Schema de amplasare a peretilor din beton armat	PROJECT 345	
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23			

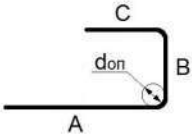
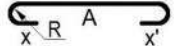
N. inv. original	Simnatura data	In schimb. nr.



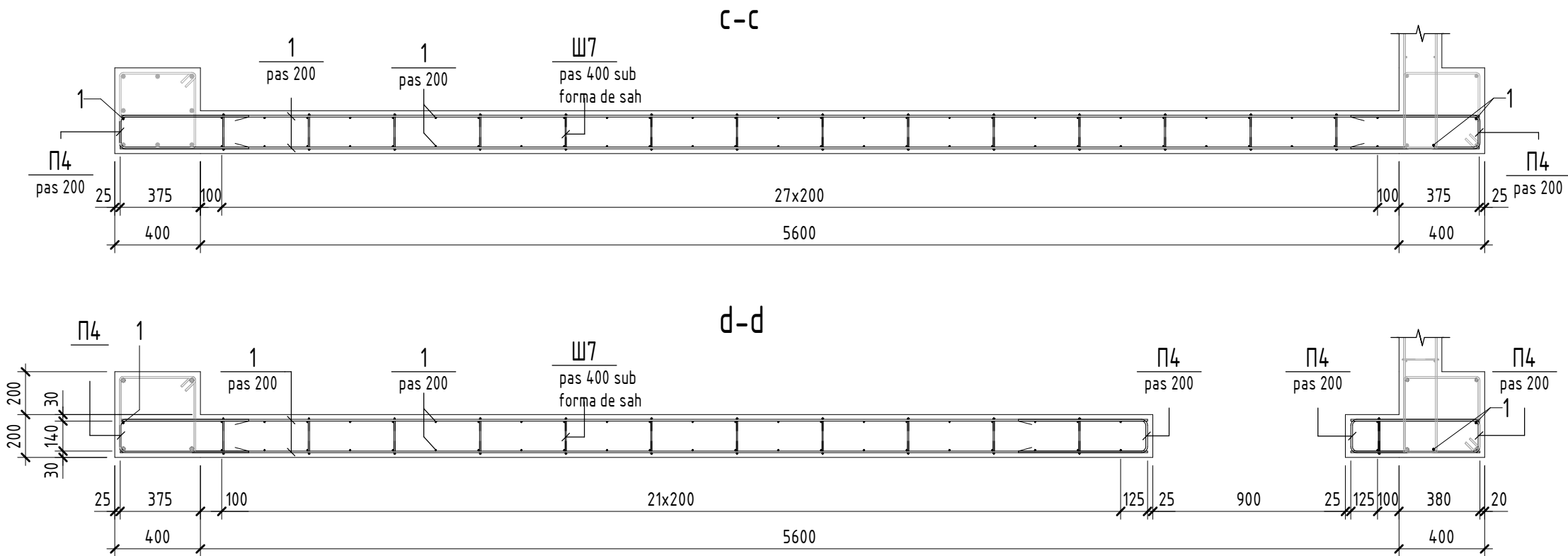
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
Manager	Ghimisli I.				02/23		PE	80	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23	Sectiunea 1-1 (armarea peretilor)		PROJECT 345	
						Формат А3			

N. inv. original	
Stimnatura data	
In schimb. nr.	

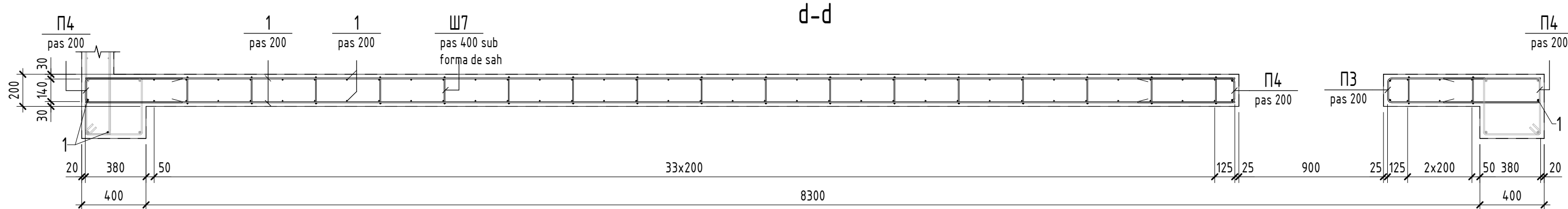
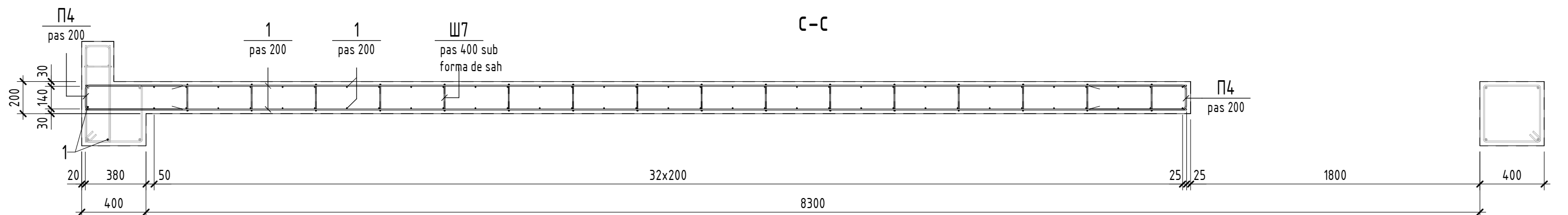
Borderou detalii	
Poz.	Schita
П 3	 A=955; B=155; C=955; $\alpha=90^{\circ}$; don=40
П 4	 A=605; B=155; C=605; $\alpha=90^{\circ}$; don=40
П 5	 A=605; B=140; C=605; $\alpha=90^{\circ}$; don=40

Borderou detalii	
Poz.	Schita
П 6	 A=505; B=140; C=505; $\alpha=90^{\circ}$; don=40
Ш 7	 A=156; x=60; x'=60; R=4; don=15

Specificatia la schema de armare a peretilor					
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
Detalii					
1	SM SR EN 10080:2014	Ø 8 B500B Лообщ(мм)	3935,76	0,395	1554,66
2	SM SR EN 10080:2014	Ø 8 B500B L = 1800	18	0,72	12,96
П3	SM SR EN 10080:2014	Ø 8 B500B L = 2025	24	0,8	19,2
П4	SM SR EN 10080:2014	Ø 8 B500B L = 1325	314	0,53	166,42
П5	SM SR EN 10080:2014	Ø 8 B500B L = 1310	10	0,52	5,2
П6	SM SR EN 10080:2014	Ø 8 B500B L = 1110	61	0,44	26,84
Ш7	SM SR EN 10080:2014	Ø 6 A240 L = 290	2066	0,07	144,62
Materiale					
Pereti	SM EN 206:2013+A2:2021	Beton C20/25			31,34 m³



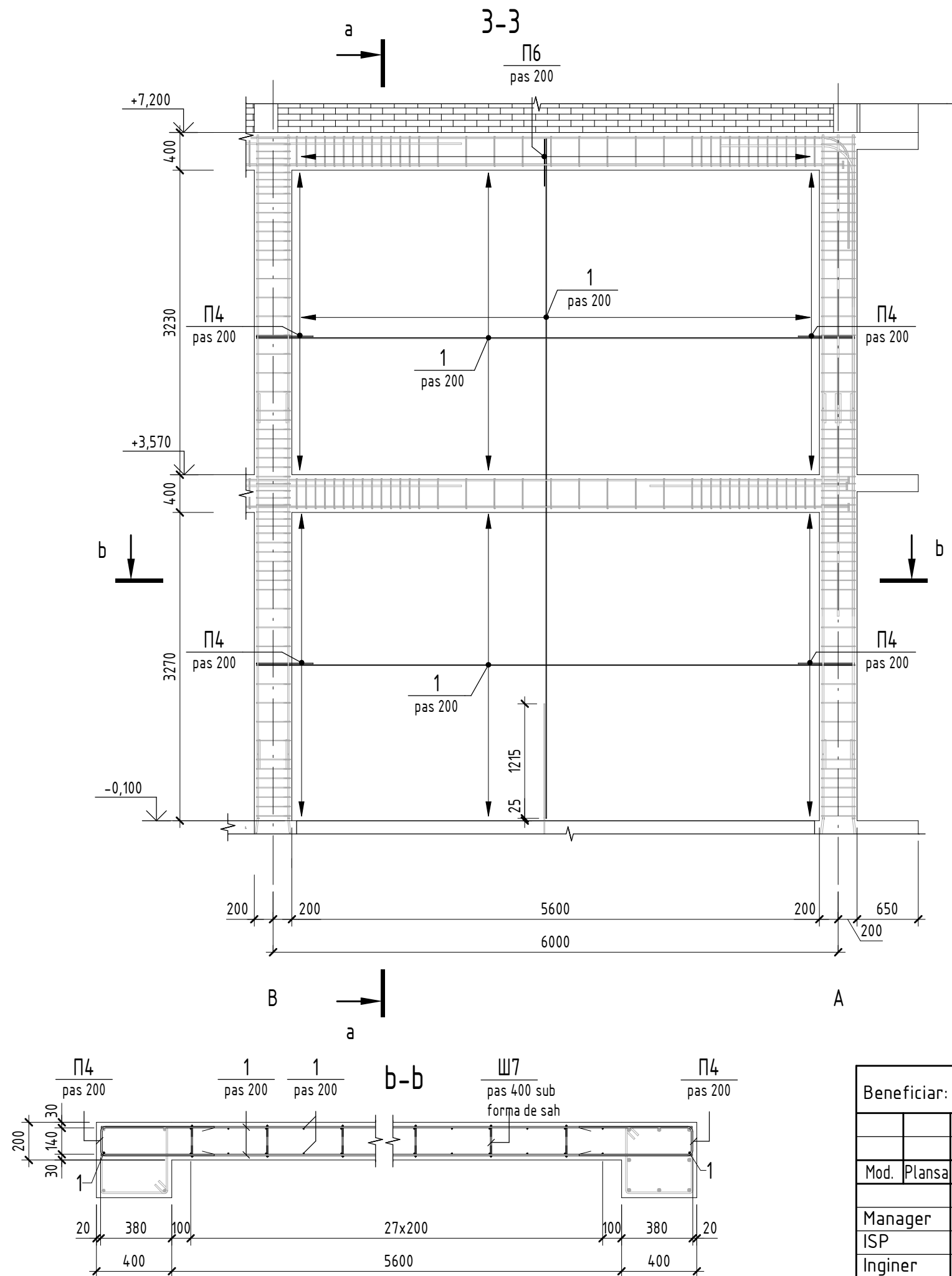
Borderou de consum otel						
Marca elementului	Detalii din otel-beton					
	Otel-beton clasa					



N. inv. original	Stimnatura data	In schimb. nr.

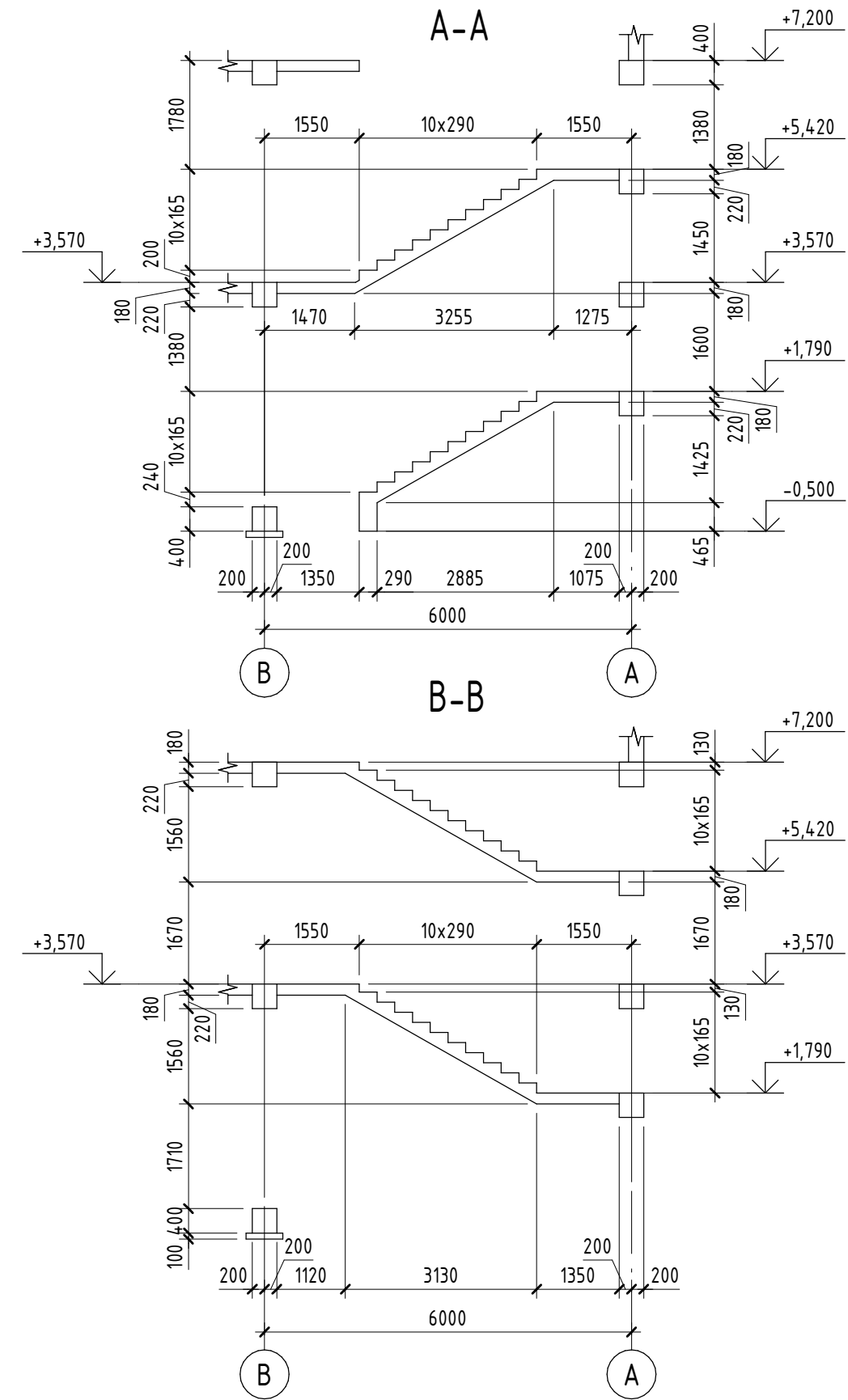
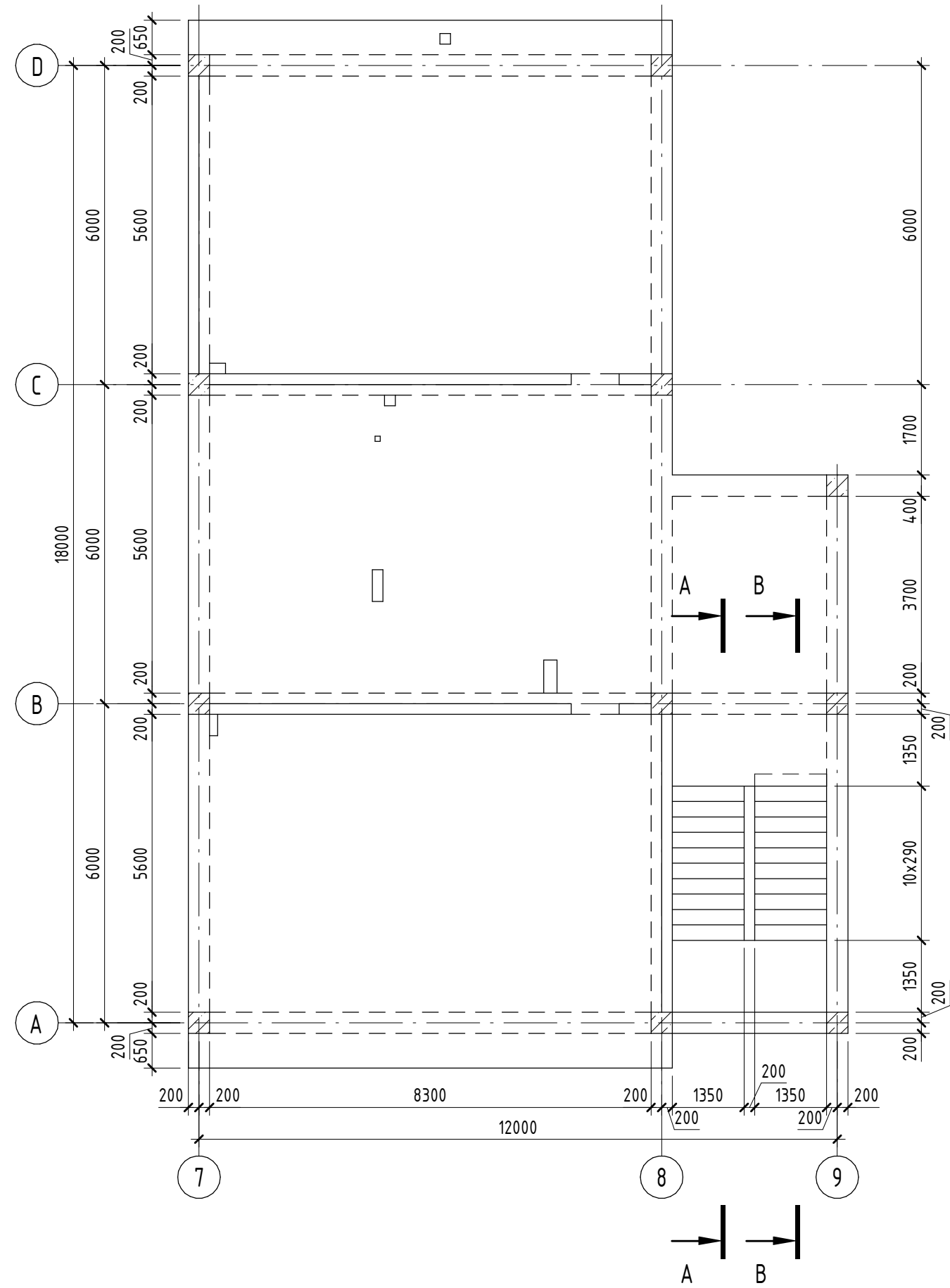
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA		
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49		
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa
Manager	Ghimisli I.				02/23		PE	83
ISP	Orlic A.				02/23			
Inginer	Velesco A.				02/23	Sectiunile c-c, d-d	PROJECT 345	

N. inv. original	Simnatura data	In schimb. nr.



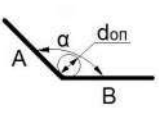
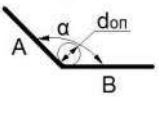
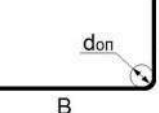
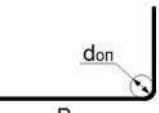
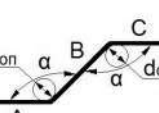
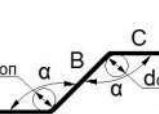
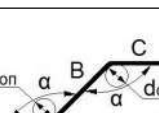
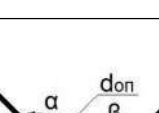
Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
Manager	Ghimisli I.				02/23		PE	84	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23	Sectiunea 3-3 (armarea peretilor)		PROJECT 345	
						Формат А3			

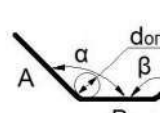
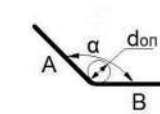
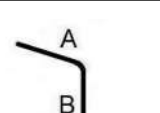
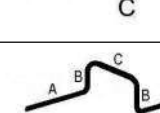
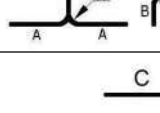
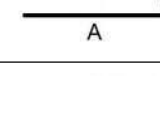
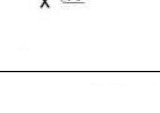
Schema de amplasare a scarii din beton armat



Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
Manager	Ghimisli I.				02/23		PE	85	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23	Schema de amplasare a scarii din beton armat		PROJECT 345	
						Формат А3			

N. inv. original	
Stimnatura data	In schimb. nr.

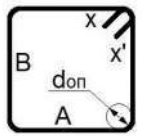
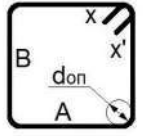
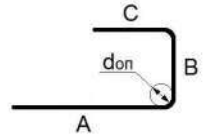
Borderou detalii	
Poz.	Schita
Г 4	 A=620; B=1575; $\alpha=150,36^{\circ}$; don=50
Г 5	 A=620; B=825; $\alpha=150,36^{\circ}$; don=50
Г 6	 A=1015; B=240; $\alpha=90^{\circ}$; don=50
Г 7	 A=475; B=275; $\alpha=90^{\circ}$; don=50
Д 8	 A=620; B=3845; C=1640; $\alpha=150,36^{\circ}$; don=50
Д 9	 B=3985; $\alpha=150,36^{\circ}$; don=50
Д 10	 A=805; B=3845; C=620; $\alpha=150,36^{\circ}$; don=50
Д 11	 A=425; B=3650; C=805; $\alpha=119,64^{\circ}$; $\beta=150,36^{\circ}$; don=50

Borderou detalii	
Poz.	Schita
Д 12	 A=320; B=3860; C=620; $\alpha=119,64^{\circ}$; $\beta=150,36^{\circ}$; don=50
Д 13	 A=620; B=1900; C=205; $\alpha=150,36^{\circ}$; don=50
Д 14	 A=625; B=555; C=240; D=580; $\alpha=118,07^{\circ}$; don=50
Д 15	 A=350; B=100; C=350; $\alpha=90^{\circ}$; don=50
П 16	 A=275; B=1685; C=205; $\alpha=90^{\circ}$; don=50
Ш 17	 A=220; x=60; x'=60; R=5; don=15
Ш 18	 A=80; x=30; x'=30; R=5; don=15

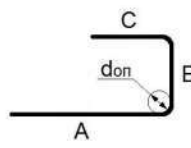
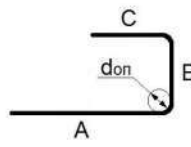
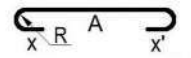
Specificatia la schema de armare a sacrii					
Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		<u>Detalii</u>			
1	SM SR EN 10080:2014	Ø 10 B5			

N. inv. original	
Stimnatura data	
In schimb. nr.	

Borderou detalii

Poz.	Schita
Д 2	 A=200; B=200; x=72; x'=72; $\alpha=90^\circ$; don=15
Д 3	 A=180; B=180; x=72; x'=72; $\alpha=90^\circ$; don=15
П 4	 A=1410; B=180; C=1410; $\alpha=90^\circ$; don=40

Borderou detalii

Poz.	Schita
П 5	 A=1230; B=180; C=1230; $\alpha=90^\circ$; don=40
П 6	 A=570; B=195; C=570; $\alpha=90^\circ$; don=40
Ш 7	 A=196; x=60; x'=60; R=4; don=15

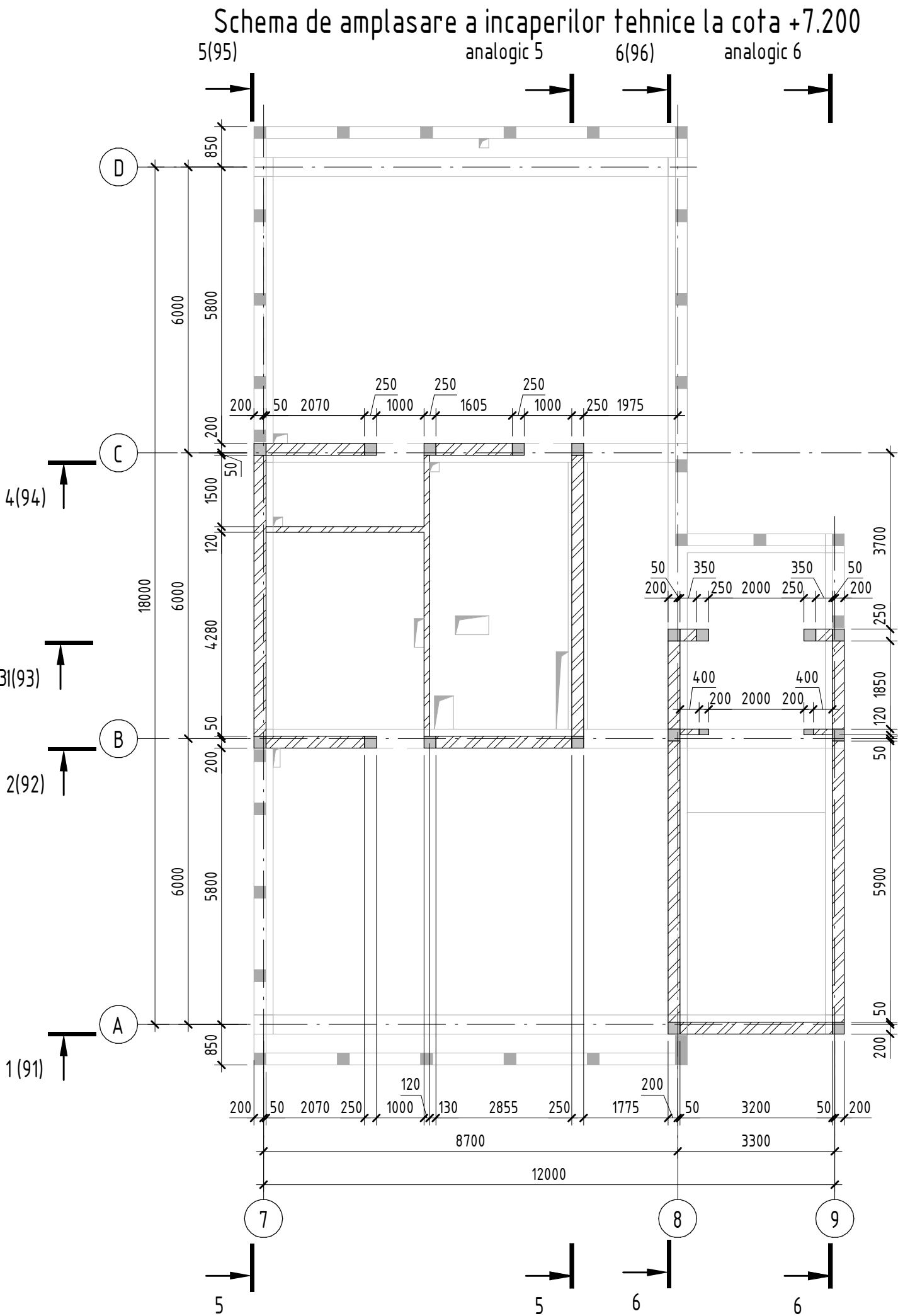
Specificatia la schema de armare a parapetului

Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
Detalii					
1	SM SR EN 10080:2014	Ø 8 B500B Loδщ(мн)	199,88	0,395	78,96
Д2	SM SR EN 10080:2014	Ø 6 A240 L = 955	203	0,22	44,66
Д3	SM SR EN 10080:2014	Ø 6 A240 L = 875	162	0,2	32,4
П4	SM SR EN 10080:2014	Ø 8 B500B L = 2960	32	1,17	37,44
П5	SM SR EN 10080:2014	Ø 8 B500B L = 2605	26	1,03	26,78
П6	SM SR EN 10080:2014	Ø 8 B500B L = 1305	12	0,52	6,24
Ш7	SM SR EN 10080:2014	Ø 6 A240 L = 330	6	0,08	0,48
Materiale					
Parapet	SM EN 206:2013+A2:2021	Beton C20/25			1,57 м³
Parapet	SM EN 206:2013+A2:2021	Beton C20/25			2,80 м³
Parapet		Caramizi pline 250x120x65			7,98 м³

Borderou de consum otel

Marca elementului	Detalii din otel-beton				Metal	Total
	Otel-beton clasa		Total	C245		
	B500B	A240				

N. inv. original	Stimnatura data	In schimb. nr.



Borderou consum beton si caramida

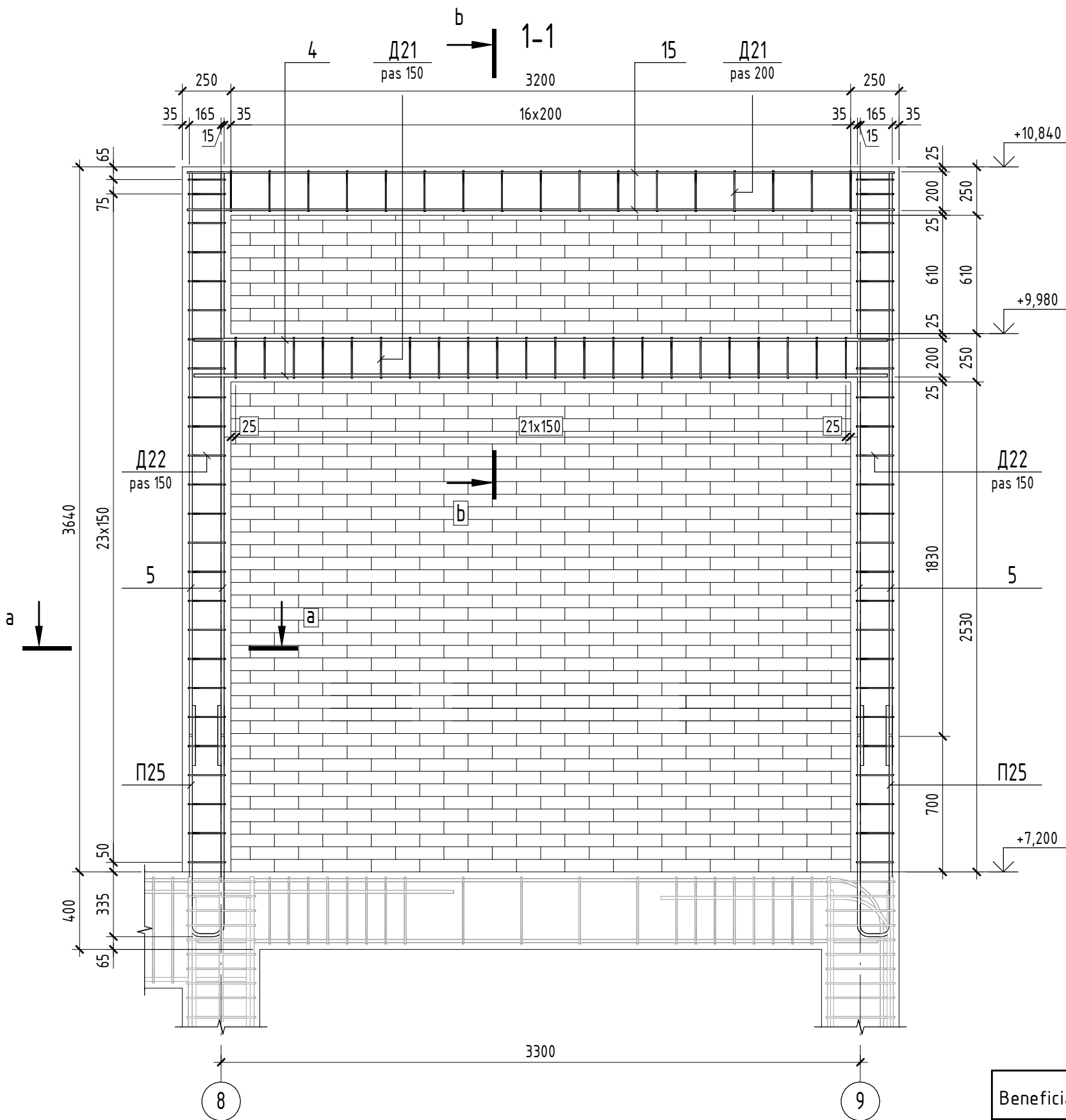
		Materiale		
Incaperi tehnice	SM EN 206:2013+A2:2021	Beton C20/25		12,86 m³
Incaperi tehnice		Caramizi pline 250x120x65		30,55 m³

Borderou de consum otel

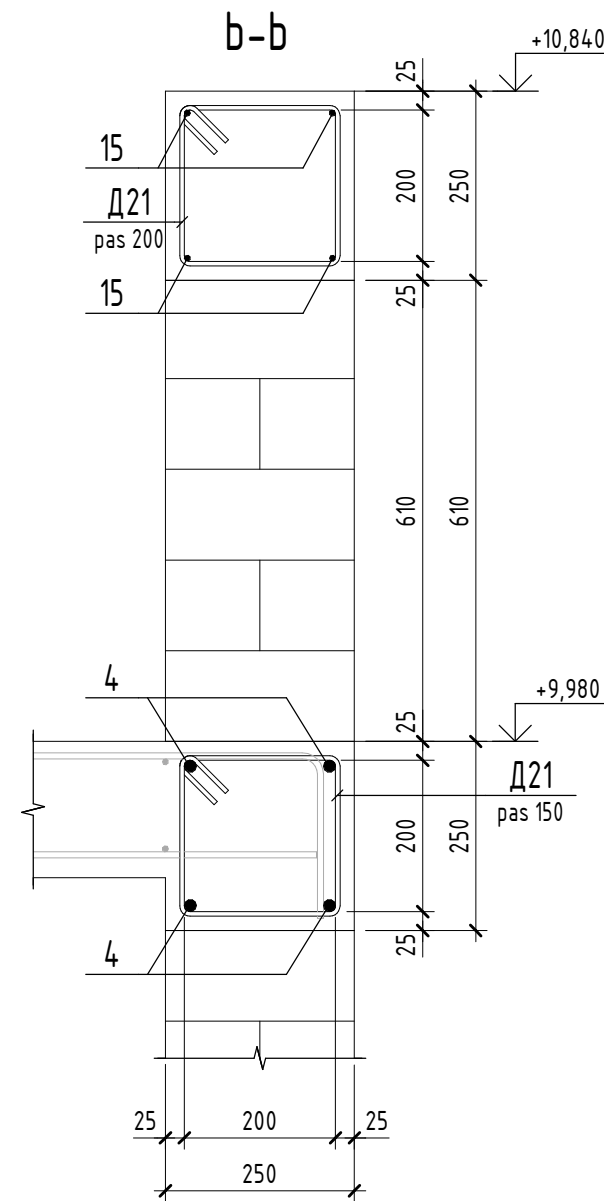
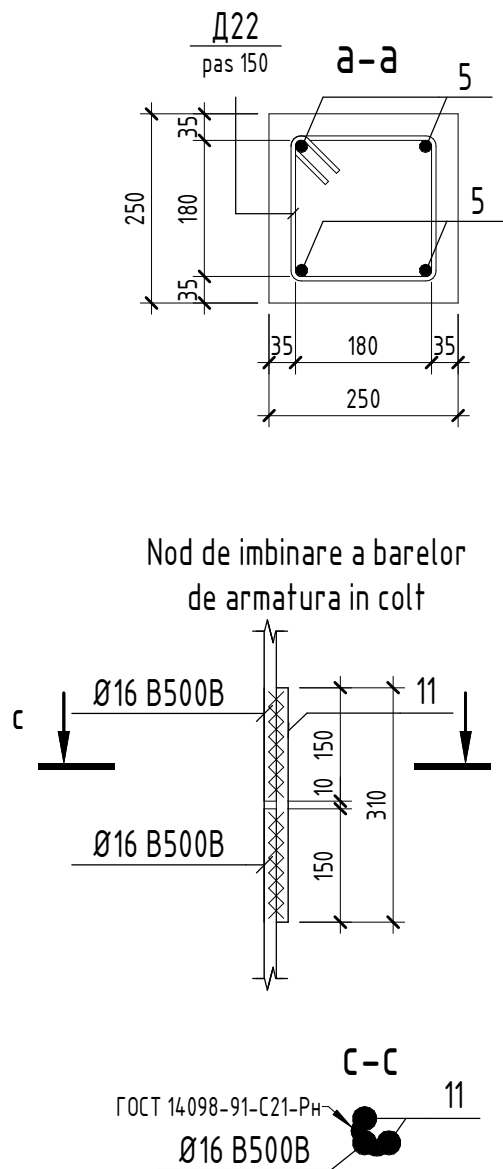
Marca elementului	Detalii din otel-beton						Metal			Total		
	Otel-beton clasa					Total	C245					
	B500B			A240								
	SM SR EN 10080:2014			SM SR EN 10080:2014								
	Ø8	Ø16	Total	Ø6	Total		Ø108x5,5	Ø159x8	4Bp-I 100x100			
Incaperi tehnice	157,28	778,26	935,54	195,2	195,2	1130,74	4,17	8,94	165,5	178,61		

Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA				
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49				
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data			Faza	Plansa	Planse
Manager	Ghimisli I.				02/23	Bloc sportiv		PE	90	
ISP	Orlic A.				02/23					
Inginer	Velesco A.				02/23	Schema de amplasare a incaperilor tehnice la cota +7.200		PROJECT 345		

N. inv. original	Simnatura data	In schimb. nr.

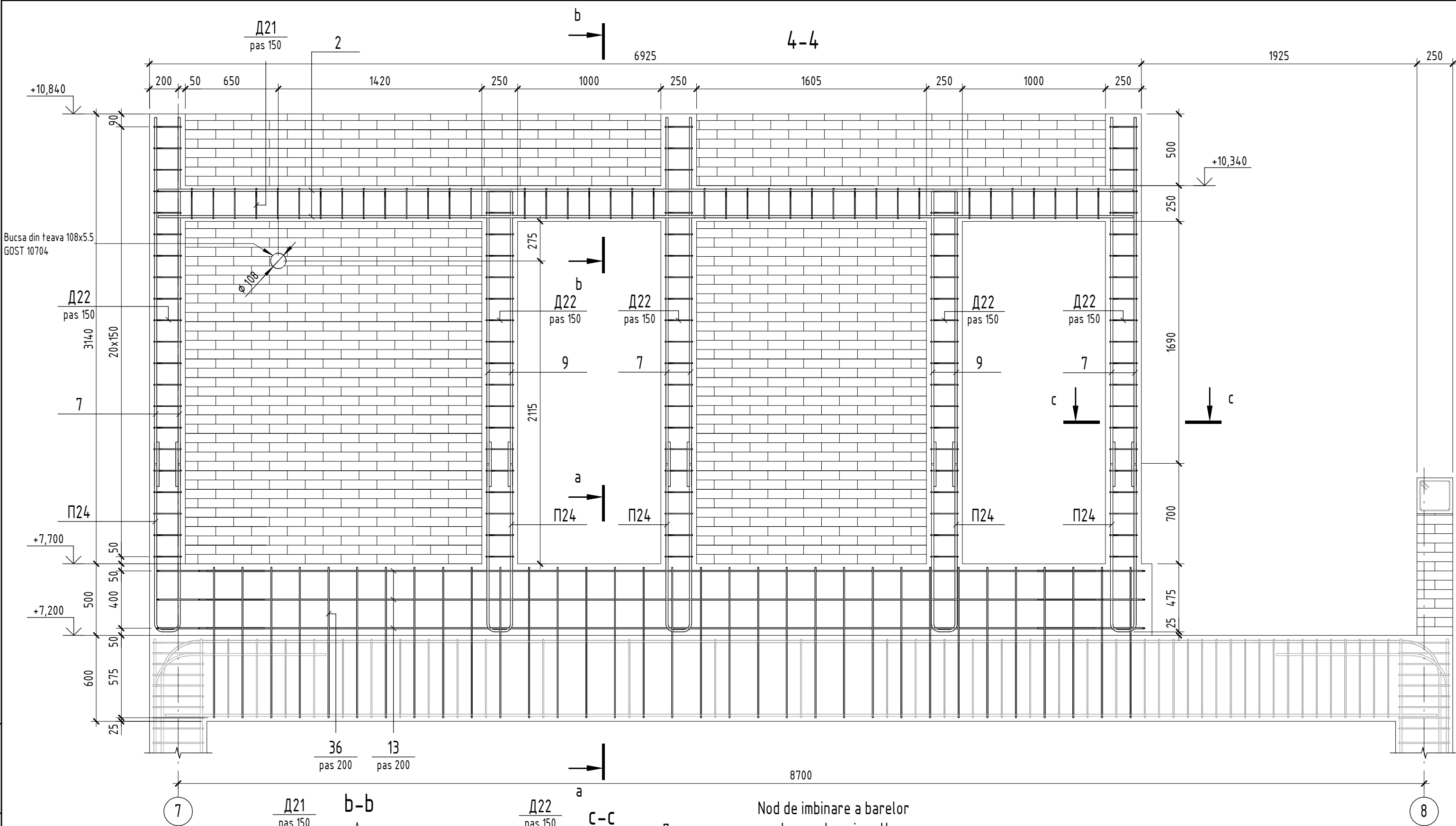


Nota:
Pereii structurali sunt alcatuiti de zidarie confinata din caramizi pline cu dimensiuni: 250x120x65 mm.
Zidaria este prevazuta cu elemente pentru confinare din beton armat dispuse vertical (stalpisori) si orizontal (centuri), pe toate cele patru laturi ale panoului, turnate dupa executarea zidariei.
In rosturile orizontale a zidariei de inglobat plase sudate 4Bp-I 100x100 la o distanta de 0,50 m pe verticala.
Plasele intersecta stalpisorii in colt fara intrerupere.

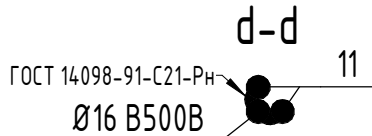
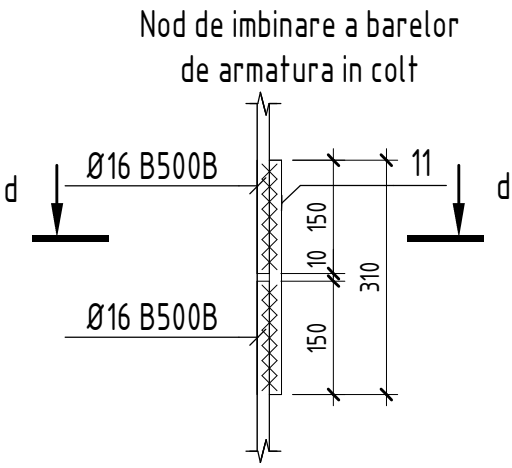
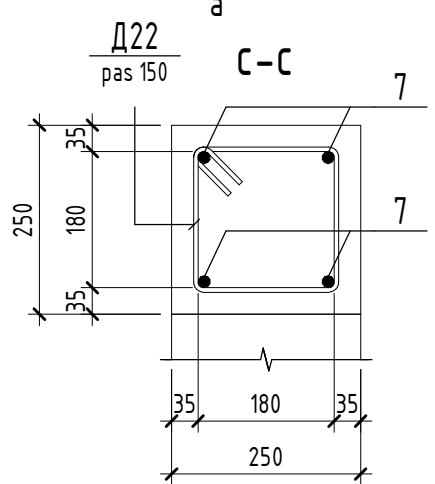
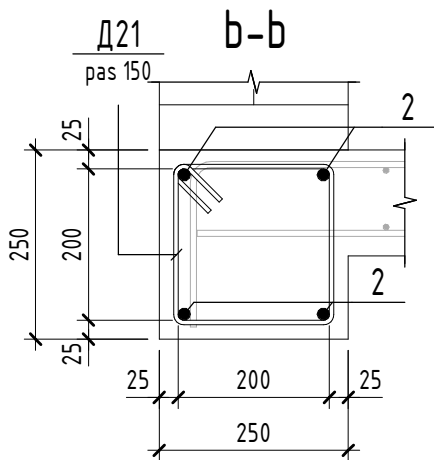
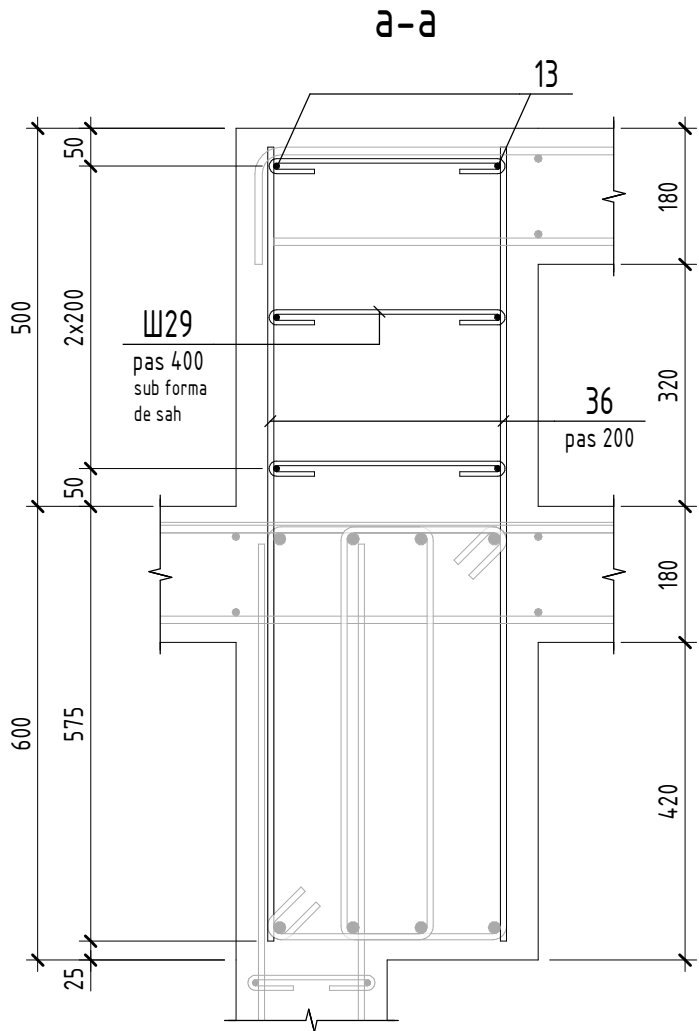


Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foai	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
Manager	Ghimisli I.				02/23		PE	91	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23				
						Sectiunea 1-1 (armarea incaperilor tehnici)		PROJECT 345	

N. inv. original	Stmatura data	In schimb. nr.

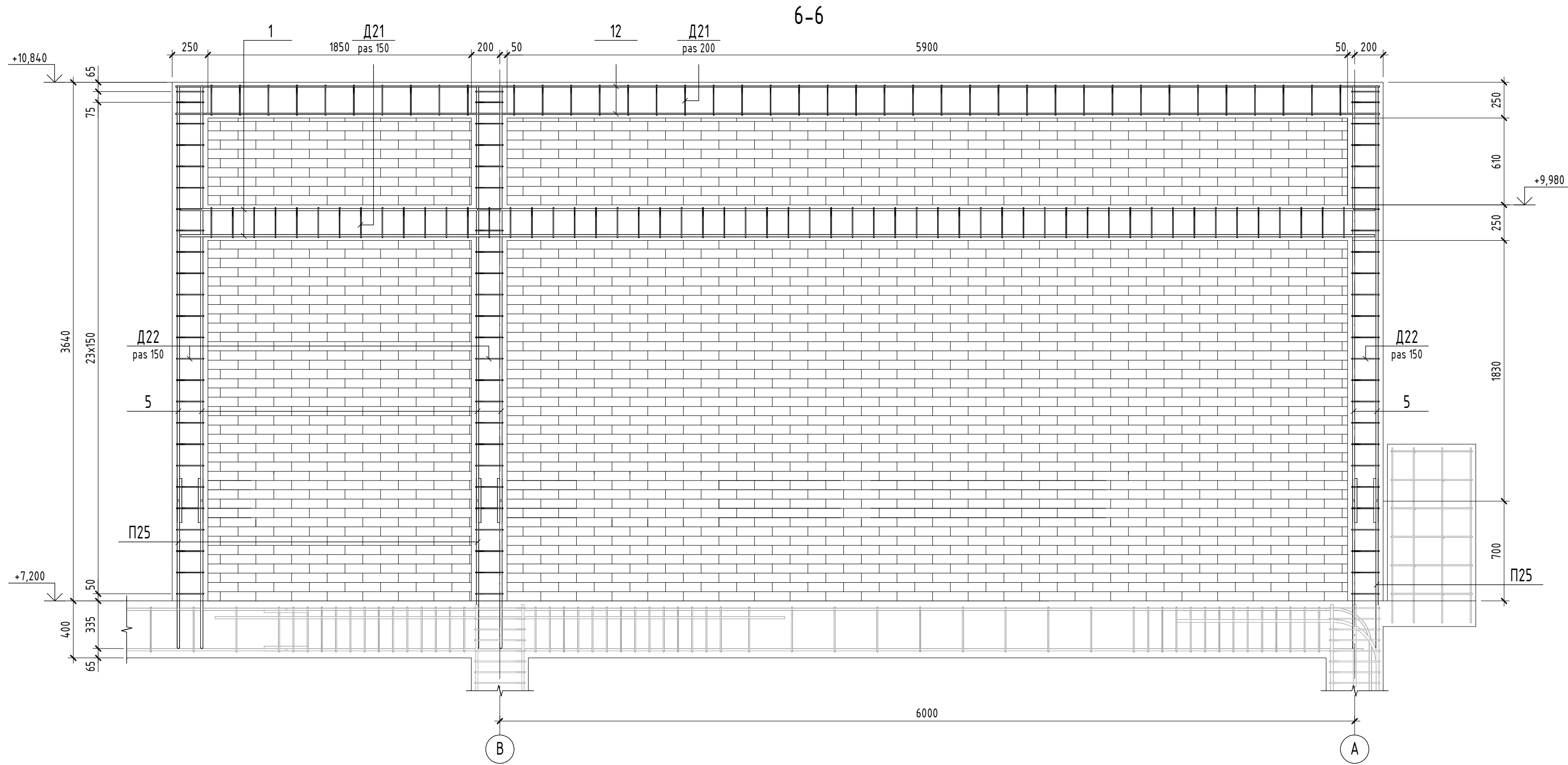


Nota:
Pereii structurali sunt alcatuiti de zidarie confinata din caramizi pline cu dimensiuni: 250x120x65 mm.
Zidaria este prevazuta cu elemente pentru confinare din beton armat dispuse vertical (stalpisori) si orizontal (centuri), pe toate cele patru laturi ale panoului, turnate dupa executarea zidariei.
In rosturile orizontale a zidariei de inglobat plase sudate 4Bp-I 100x100 la o distanta de 0,50 m pe verticala.
Plasele intersecta stalpisorii in colt fara intrerupere.



Beneficiar: IP LT Vasile Alecsandri						25/23 - CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (construcie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
							PE	94	
Manager	Ghimisli I.				02/23	Sectiunea 4-4 (armarea incaperilor tehnici)	PROJECT 345		
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23				

N. inv. original	Stmatura data	In schimb. nr.



Nota:
Pereii structurali sunt alcatuiti de zidarie confinata din caramizi pline cu dimensiuni: 250x120x65 mm.
Zidaria este prevazuta cu elemente pentru confinare din beton armat dispuse vertical (stalpisori) si orizontal (centuri), pe toate cele patru laturi ale panoului, turnate dupa executarea zidariei.
In rosturile orizontale a zidariei de inglobat plase sudate 4Bp-I 100x100 la o distanta de 0,50 m pe verticala.
Plasele intersecta stalpisorii in colt fara intrerupere.

Beneficiar: IP LT Vasile Alecsandri						25/23 – CBA			
						Construirea salii de sport aferent institutiei de invatamint, bloc sportiv (constructie tip P+1E) situat in mun. Ungheni, str. M. Eminescu 49			
Mod.	Plansa	Foie	Nºdoc.	Semn.	Data	Bloc sportiv	Faza	Plansa	Planse
Manager	Ghimisli I.				02/23		PE	96	
ISP	Orlic A.				02/23				
Inginer	Velesco A.				02/23	Sectiunea 6-6 (armarea incaperilor tehnici)			

Specificatia la schema de armare a incaperilor tehnice

Poz.	Indiciu	Denumire	Cant.	Masa buc.,kg	Nota
		Detalii			
1	SM SR EN 10080:2014	Ø 16 B500B L = 8380	8	13,23	105,84
2	SM SR EN 10080:2014	Ø 16 B500B L = 6805	8	10,74	85,92
3	SM SR EN 10080:2014	Ø 16 B500B L = 6280	8	9,91	79,28
4	SM SR EN 10080:2014	Ø 16 B500B L = 3580	8	5,65	45,2
5	SM SR EN 10080:2014	Ø 16 B500B L = 2905	24	4,59	110,16
6	SM SR EN 10080:2014	Ø 16 B500B L = 2450	4	3,87	15,48
7	SM SR EN 10080:2014	Ø 16 B500B L = 2415	24	3,82	91,68
8	SM SR EN 10080:2014	Ø 16 B500B L = 2045	8	3,23	25,84
9	SM SR EN 10080:2014	Ø 16 B500B L = 1915	8	3,03	24,24
10	SM SR EN 10080:2014	Ø 16 B500B L = 975	4	1,54	6,16
11	SM SR EN 10080:2014	Ø 16 B500B L = 310	136	0,49	66,64
12	SM SR EN 10080:2014	Ø 8 B500B L = 8450	8	3,34	26,72
13	SM SR EN 10080:2014	Ø 8 B500B L = 6200	12	2,45	29,4
14	SM SR EN 10080:2014	Ø 8 B500B L = 5600	12	2,22	26,64
15	SM SR EN 10080:2014	Ø 8 B500B L = 3650	12	1,45	17,4
16	SM SR EN 10080:2014	Ø 8 B500B L = 1665	8	0,66	5,28
17	SM SR EN 10080:2014	Ø 8 B500B L = 1050	66	0,42	27,72
18	SM SR EN 10080:2014	Ø 8 B500B L = 310	16	0,13	2,08
Г19	SM SR EN 10080:2014	Ø 8 B500B L = 1465	12	0,58	6,96
Г20	SM SR EN 10080:2014	Ø 8 B500B L = 1190	24	0,48	11,52
Д21	SM SR EN 10080:2014	Ø 6 A240 L = 955	441	0,22	97,02
Д22	SM SR EN 10080:2014	Ø 6 A240 L = 875	360	0,2	72
Д23	SM SR EN 10080:2014	Ø 6 A240 L = 595	52	0,14	7,28
П24	SM SR EN 10080:2014	Ø 16 B500B L = 2435	18	3,85	69,3