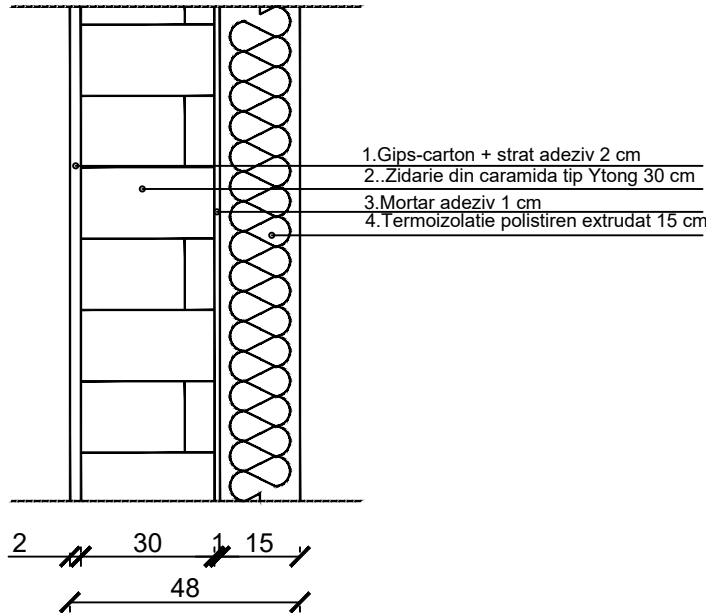
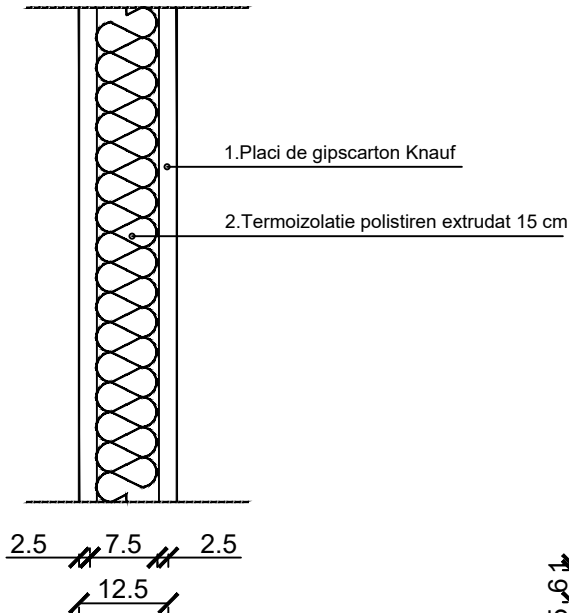


Detaliu 3- Atic la terasa necirculabilai

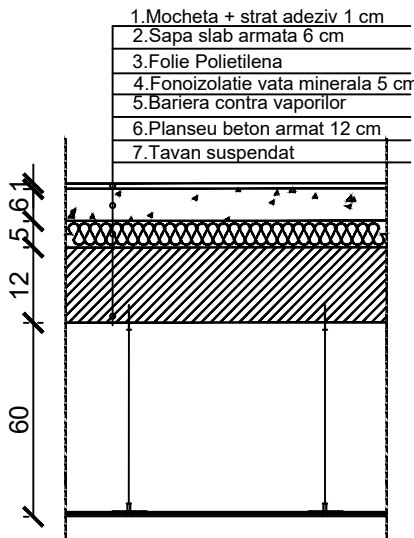
Detaliu 4- Pereti exteriori



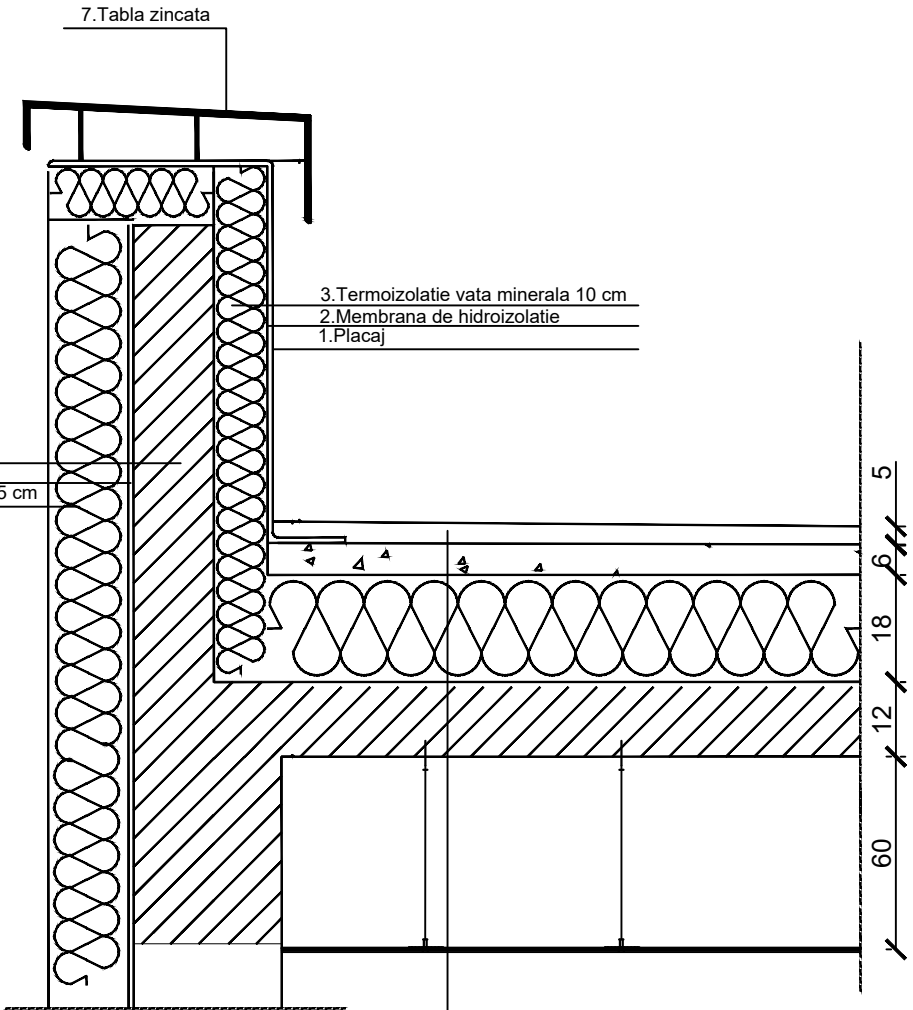
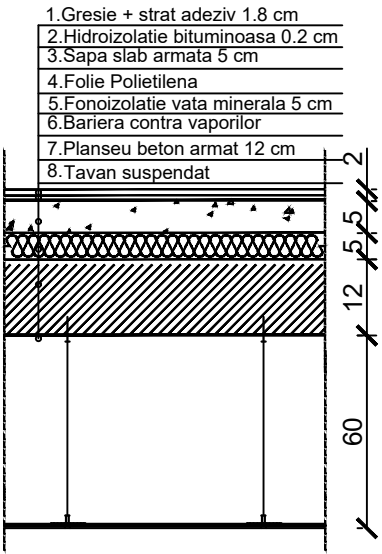
Detaliu 5 - Pereti despartitori
cu structura metalica si placare dubla



Detaliu 1- pardoseala calda



Detaliu 2- pardoseala rece



- 1.Strat de lestare pietris spalat 5 cm
- 2.Membrana de hidroizolatie
- 3.Termoizolatie vata minerala 18 cm
- 4.Folie Polietilena
- 5.Beton de panta
- 6.Bariera contra vaporilor
- 7.Planseu beton armat 12 cm
- 8.Tavan suspendat

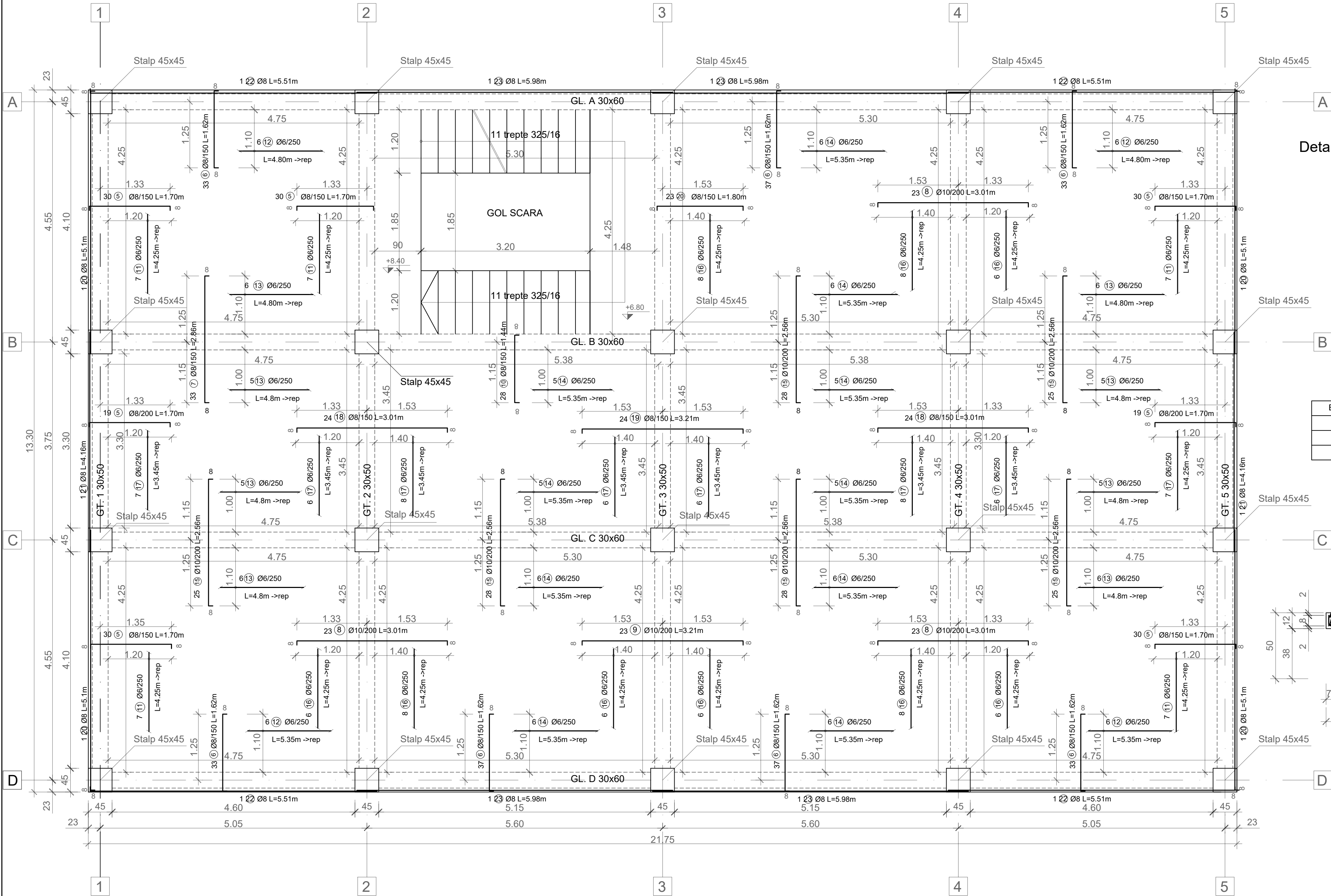
UNIVERSITATEA TEHNICA CLUJ-NAPOCA FACULTATEA DE CONSTRUCTII			FUNDATII Anul IV, Sectia:CCIA, Grupa 32401 An universitar 2020-2021		Plansa nr. 1
	Nume	Semnat	Scara 1:20 Data 23.10	DETALII EXECUTIE	
Poiectat	Ciobota Sergiu				
Desenat	Ciobota Sergiu				
Verificat	Jacint Virag				

Scara 1:50

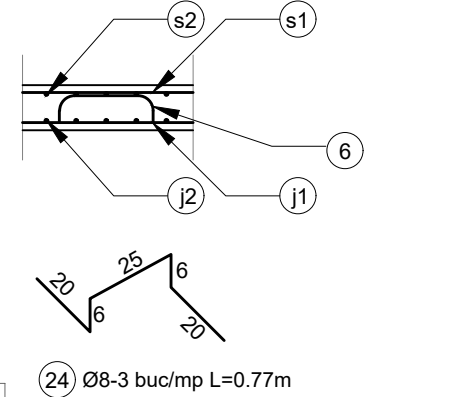


Plan cofraj si armare superioara placa cota +8.40

Scara 1:50

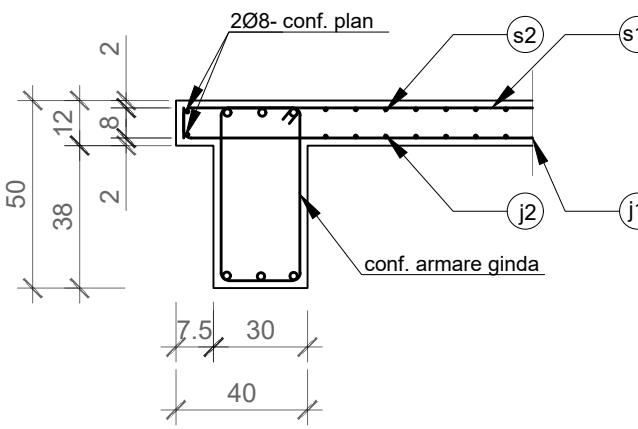


Detaliu dispunere armaturi
Scara 1:20



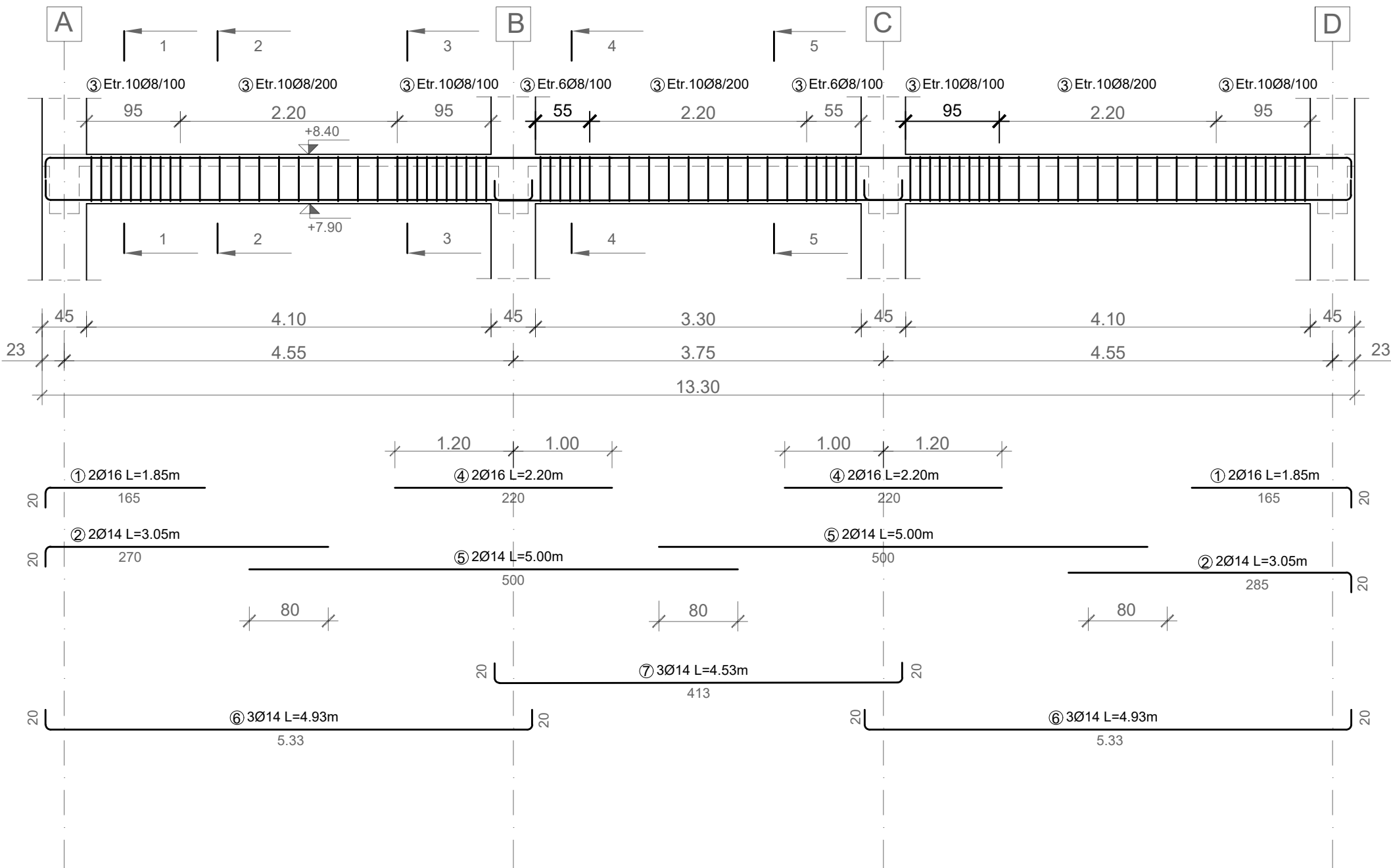
Beton C20/25, XC1, S2
Otel Bst500B
C _{nom} 20 mm
D _{g,max} 16 mm

Detaliu margine placa
Scara 1:20



UNIVERSITATEA TEHNICA CLUJ-NAPOCA FACULTATEA DE CONSTRUCTII			CONSTRUCTII DIN BETON ARMAT II Anul III, Sectia:CCIA, Grupa 32401 An universitar 2020-2021		Plansa nr.
	Nume	Semnat	Scara 1:50	PLAN ARMARE SUPERIOARA	
Poiectat	Ciobota Sergiu		Data 15.02 2021		
Verificat	Ciobota Sergiu				

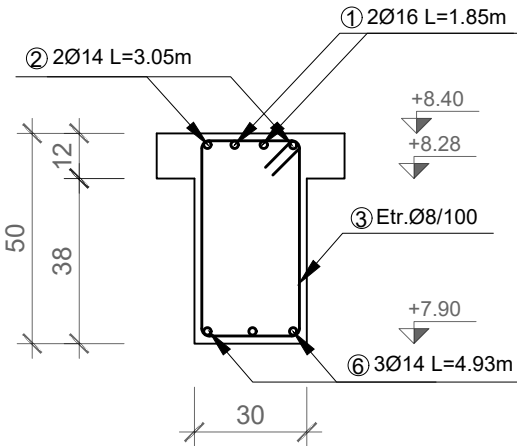
Plan cofraj si armare grinda transversala GT. 4 30x50
Scara 1:50



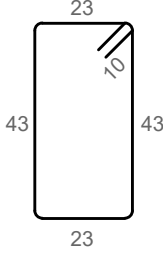
Marca	Ø	Lungime	Numar bare	ø8	ø14	ø16
1	16	1.85	4		29.6	7.4
2	14	3.05	4		12.2	
3	8	1.52	82	124.64		
4	16	2.2	6			13.2
5	14	5	4		20	
6	14	4.93	6		29.58	
7	14	4.53	6		27.18	
Lungime pe diametru				124.64	118.56	20.6
Greutate pe m				0.395	1.21	1.58
Greutate pe ø				49.2328	143.4576	32.548
Greutatea totala				225.2384		

Beton C25/30, XC1, S2
Otel Bst500B
C _{nom} 35 mm
D _{p,max} 16 mm

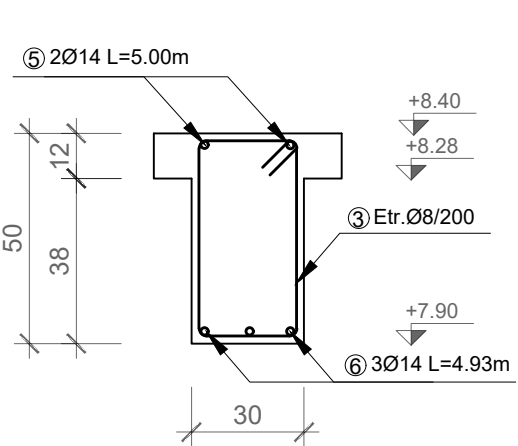
Sectiunea 1-1
Scara 1:20



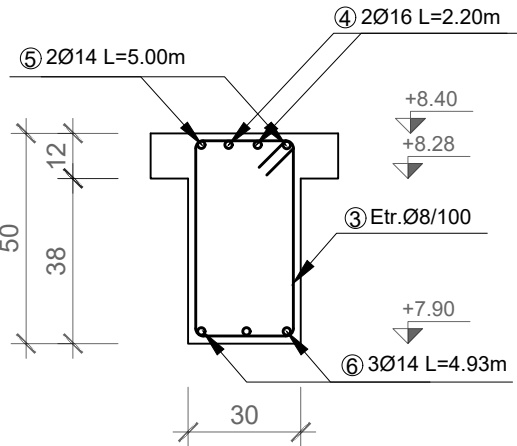
③ Etr.Ø8/100(200) L=1.52m



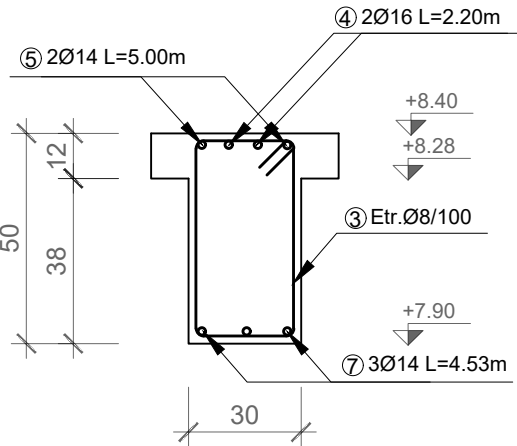
Sectiunea 2-2
Scara 1:20



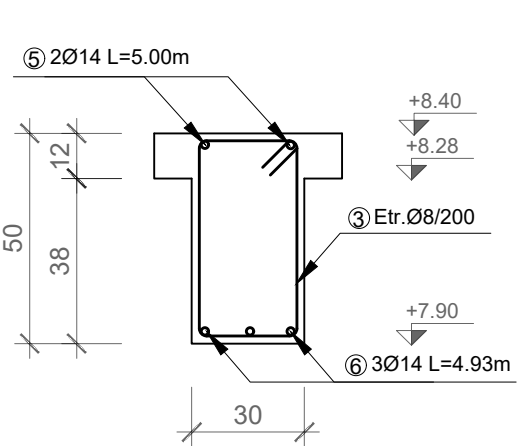
Sectiunea 3-3
Scara 1:20



Sectiunea 4-4
Scara 1:20

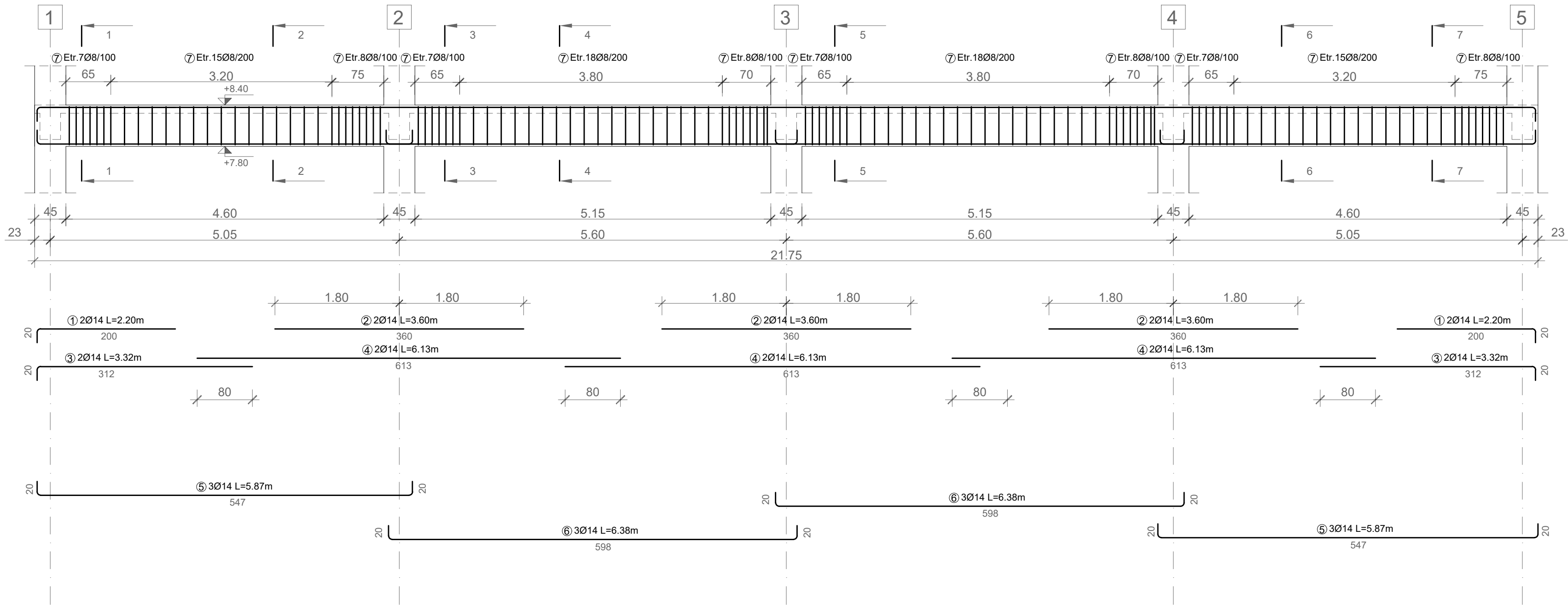


Sectiunea 5-5
Scara 1:20

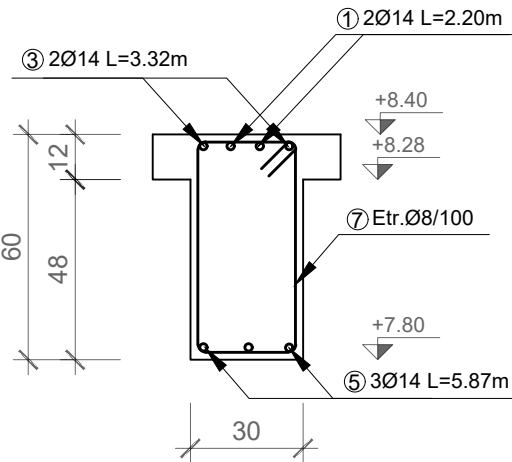


UNIVERSITATEA TEHNICA CLUJ-NAPOCA FACULTATEA DE CONSTRUCTII			CONSTRUCTII DIN BETON ARMAT II Anul III, Sectia:CCIA, Grupa 32401 An universitar 2020-2021		Plansa nr.
	Nume	Semnat	Scara 1:50	PLAN ARMARE Grinda transversala	
Poiectat	Ciobota Sergiu				
Desenat	Ciobota Sergiu		Data 15.02 2021		
Verificat					

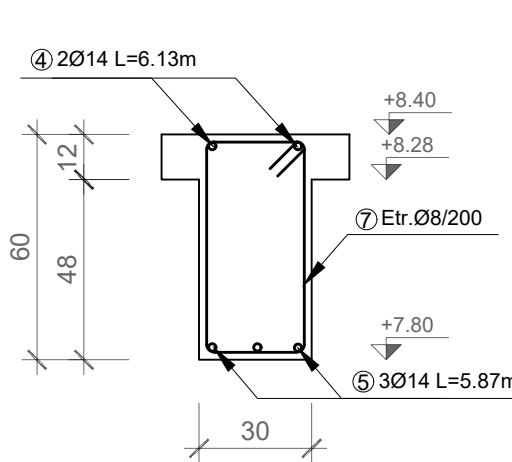
Plan cofraj si armare grinda longitudinala GL. C 30x60
Scara 1:50



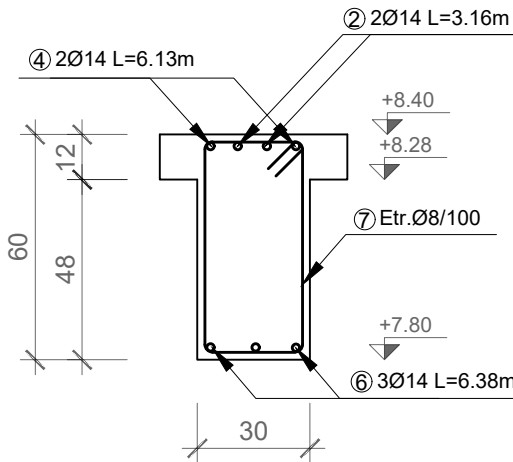
Sectiunea 1-1
Scara 1:20



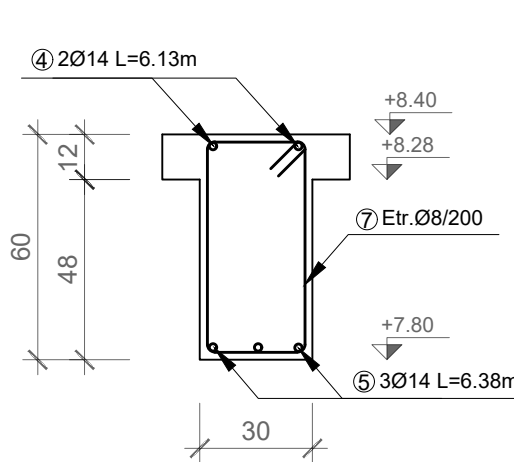
Sectiunea 2-2
Scara 1:20



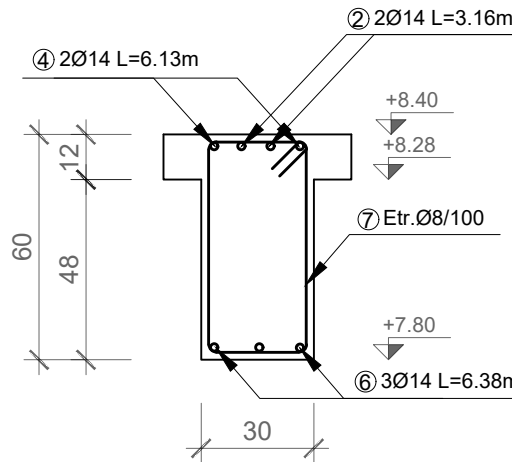
Sectiunea 3-3
Scara 1:20



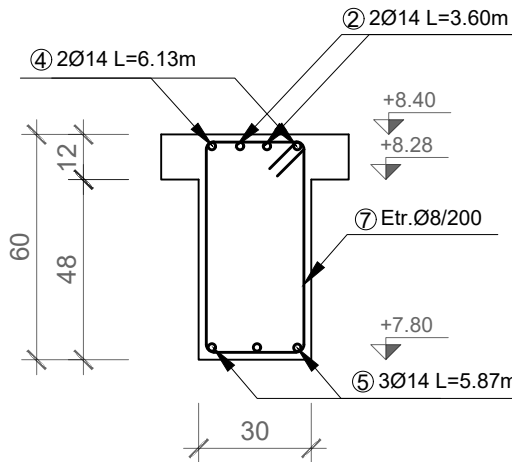
Sectiunea 4-4
Scara 1:20



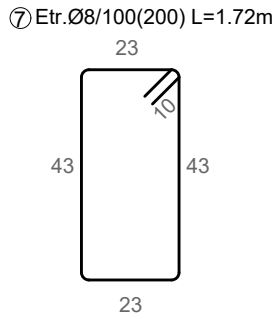
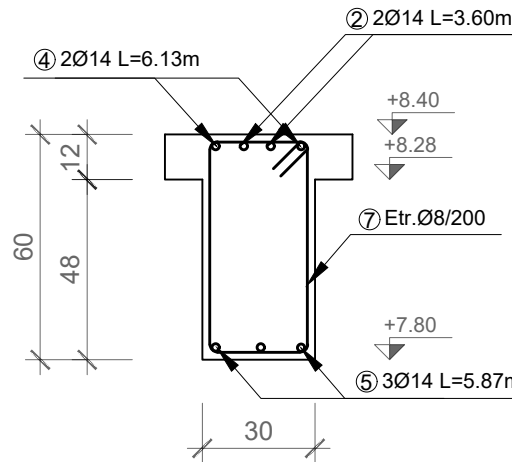
Sectiunea 5-5
Scara 1:20



Sectiunea 6-6
Scara 1:20



Sectiunea 7-7
Scara 1:20

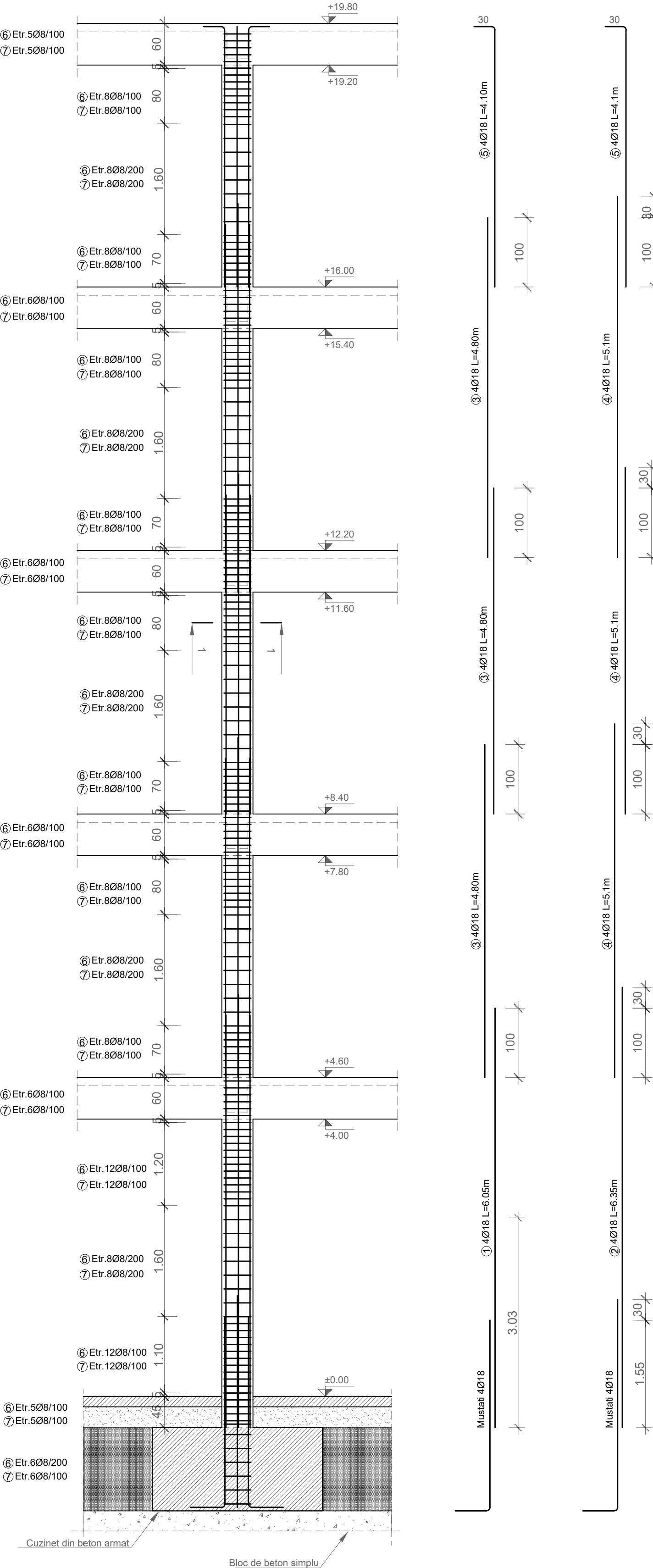


Marca	Q	Lungime	Numar bare	ø8	ø14
1	14	2.2	4		8.8
2	14	3.6	6		21.6
3	14	3.32	4		13.28
4	14	6.13	4		24.52
5	14	5.87	6		35.22
6	14	6.38	6		38.28
7	8	1.72	216		371.52
Lungime pe diametru				371.52	141.7
Greutate pe m				0.395	1.21
Greutate pe ø				146.7504	171.457
Greutatea totala					318.2074

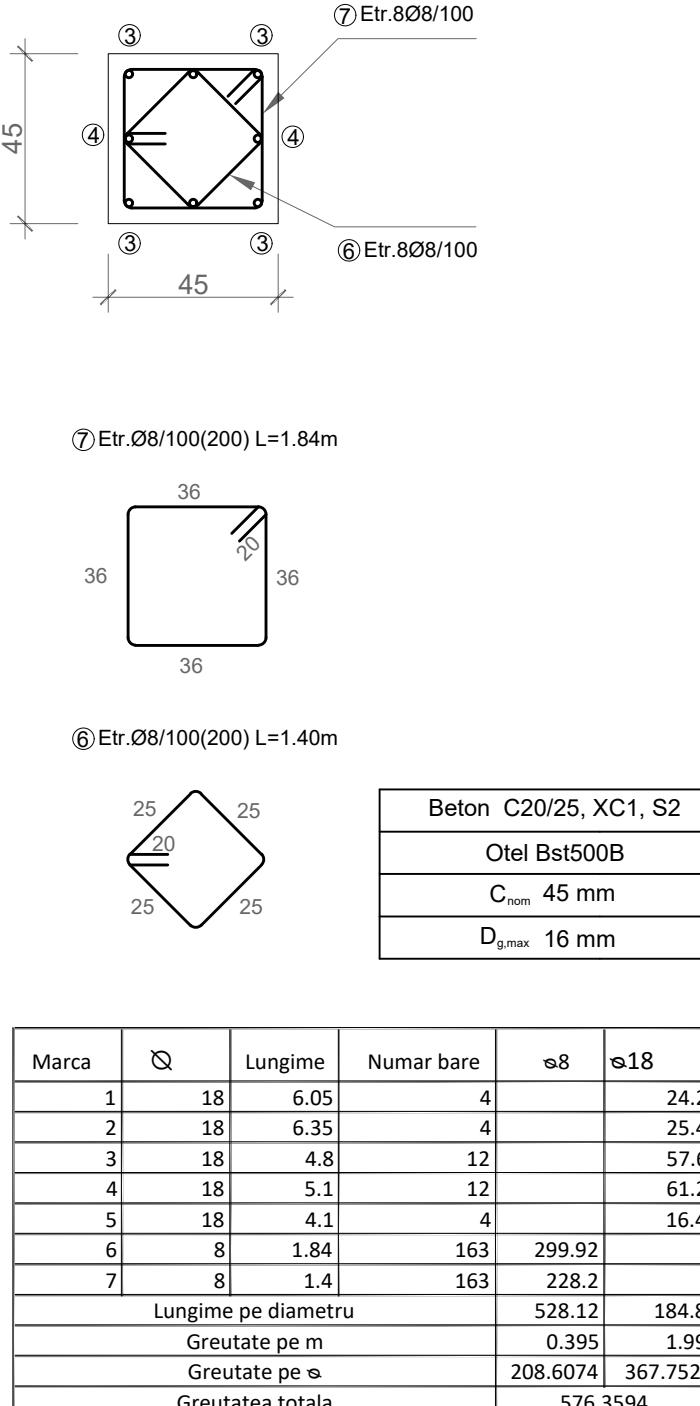
Beton C25/30, XC1, S2
Otel Bst500B
C _{nom} 35 mm
D _{g,max} 16 mm

UNIVERSITATEA TEHNICA CLUJ-NAPOCA FACULTATEA DE CONSTRUCTII			CONSTRUCTII DIN BETON ARMAT II Anul III, Sectia:CCIA, Grupa 32401 An universitar 2020-2021	Plansa nr.
	Nume	Semn	Scara 1:50	PLAN ARMARE Grinda longitudinala
Poiectat	Ciobota Sergiu			
Desenat	Ciobota Sergiu		Data 15.02 2021	
Verificat				

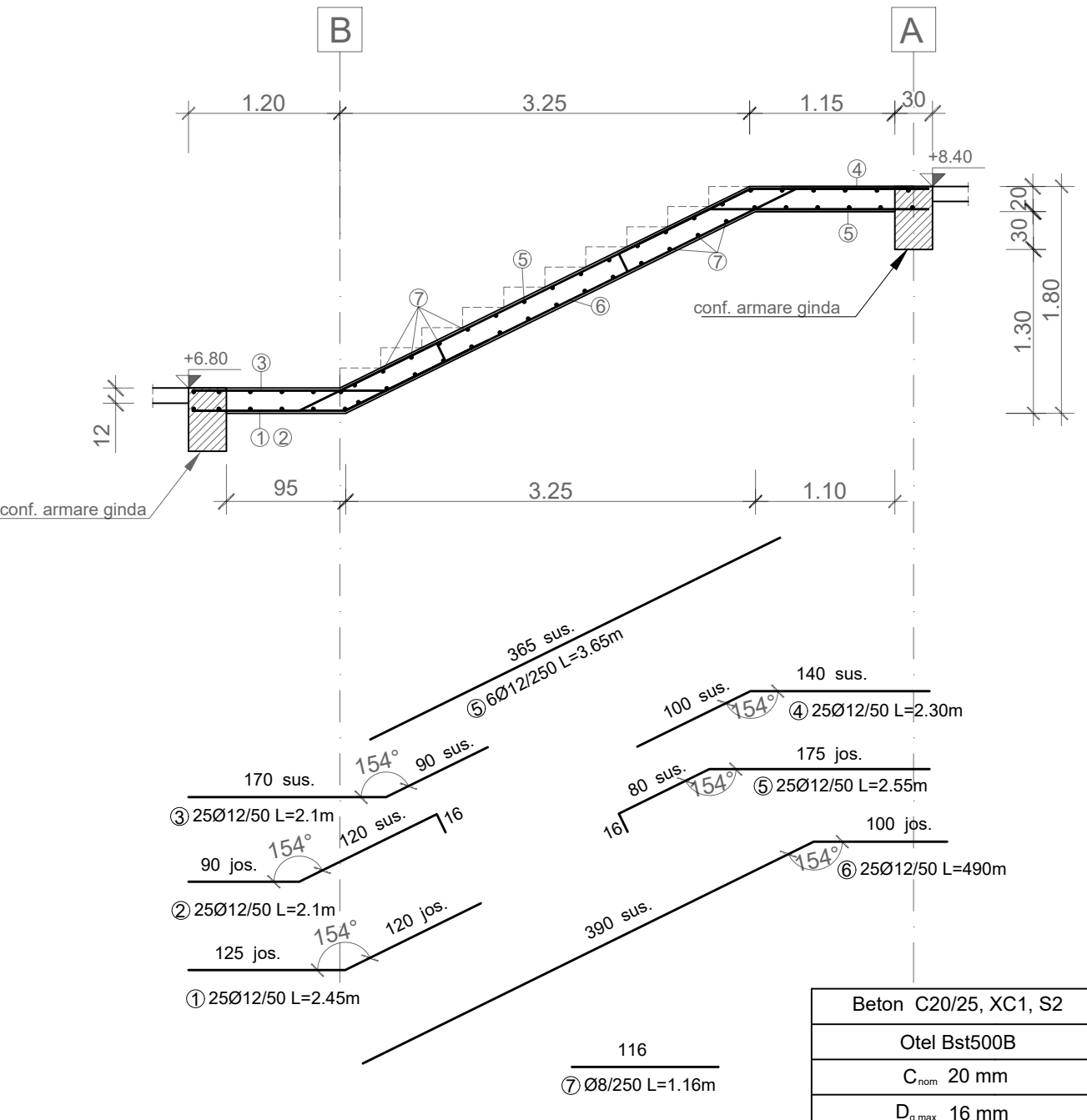
Plan cofraj si armare stalp
Scara 1:50



Scara 1:20



Plan cofraj si armare scara
Scara 1:50



UNIVERSITATEA TEHNICA CLUJ-NAPOCA FACULTATEA DE CONSTRUCTII			CONSTRUCTII DIN BETON ARMAT II Anul III, Sectia:CCIA, Grupa 32401 An universitar 2020-20121		Plansa nr.
	Nume	Semnat	Scara 1:50	PLAN ARMARE STALP+SCARA	
Poiectat	Ciobota Sergiu		Data 15.02		
Desenat	Ciobota Sergiu				
Verificat					

Marca	Ø	Lungime	Numar bare	ø6	ø8	ø10
1	6	5.44	138	750.72	491	491
2	6	4.96	278	1378.88	618	618
3	6	5	149	745	720	720
4	6	4.43	57	252.51		
5	8	1.7	180		306	
6	8	1.62	243		393.66	
7	8	2.86	66		188.76	
8	8	3.01	69		207.69	
9	10	3.21	23			73.83
10	10	1.44	28			40.32
11	6	4.25	56	238		
12	6	4.8	48	230.4		
13	6	4.8	24	115.2		
14	6	5.35	36	192.6		
15	10	2.56	134		343.04	
16	6	4.25	48	204		
17	6	3.95	56	221.2		
18	8	2.01	48		96.48	
19	8	3.21	24		77.04	
20	8	5.1	8		40.8	
21	8	4.16	4		16.64	
22	8	5.51	8		44.08	
23	8	5.98	8		47.84	
24	8	0.77	90		69.3	
Lungime pe diametru				3577.79	3169.33	1452.15
Greutate pe m				0.222	0.395	0.617
Greutate pe ø				794.2694	1251.885	895.9766
Greutatea totala				2942.13128		

UNIVERSITATEA TEHNICA CLUJ-NAPOCA FACULTATEA DE CONSTRUCTII			CONSTRUCTII DIN BETON ARMAT I Anul III, Sectia:CCIA, Grupa 32301 An universitar 2020-2021		Plansa nr.
	Nume	Semnat	Scara 1:50	EXTRAS DE ARMATURA	
Poiectat	Ciobota Sergiu				
Desenat	Ciobota Sergiu		Data 15.02 2021		
Verificat					