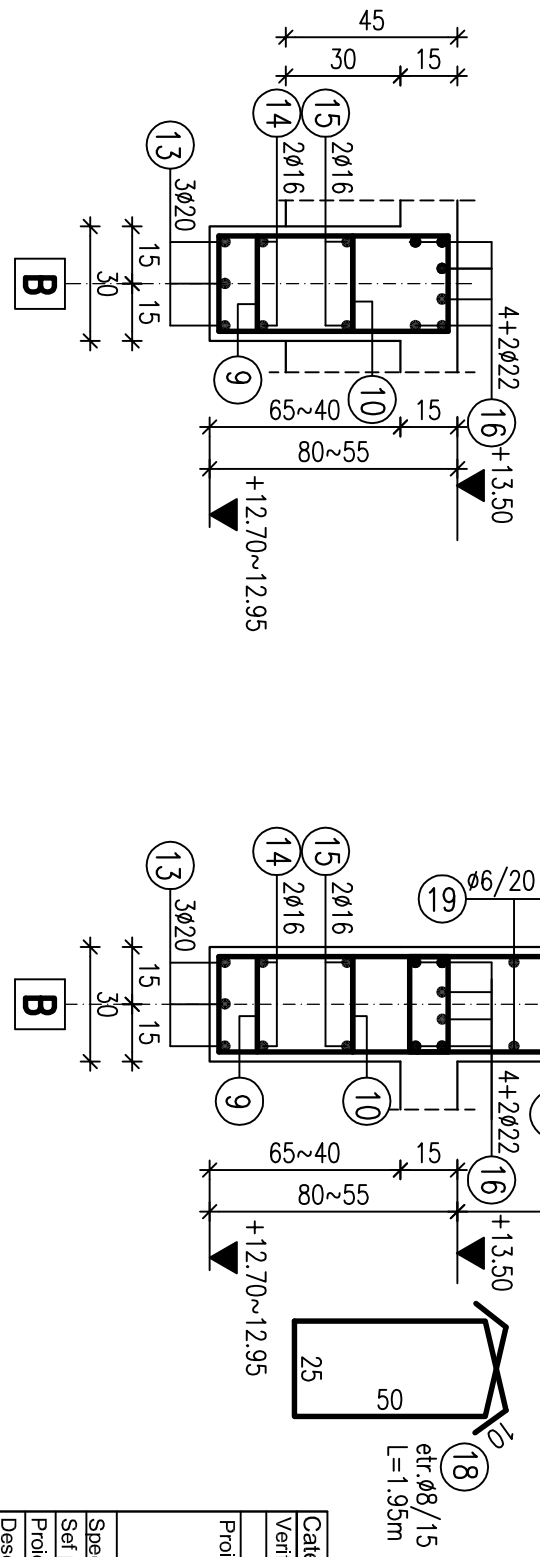
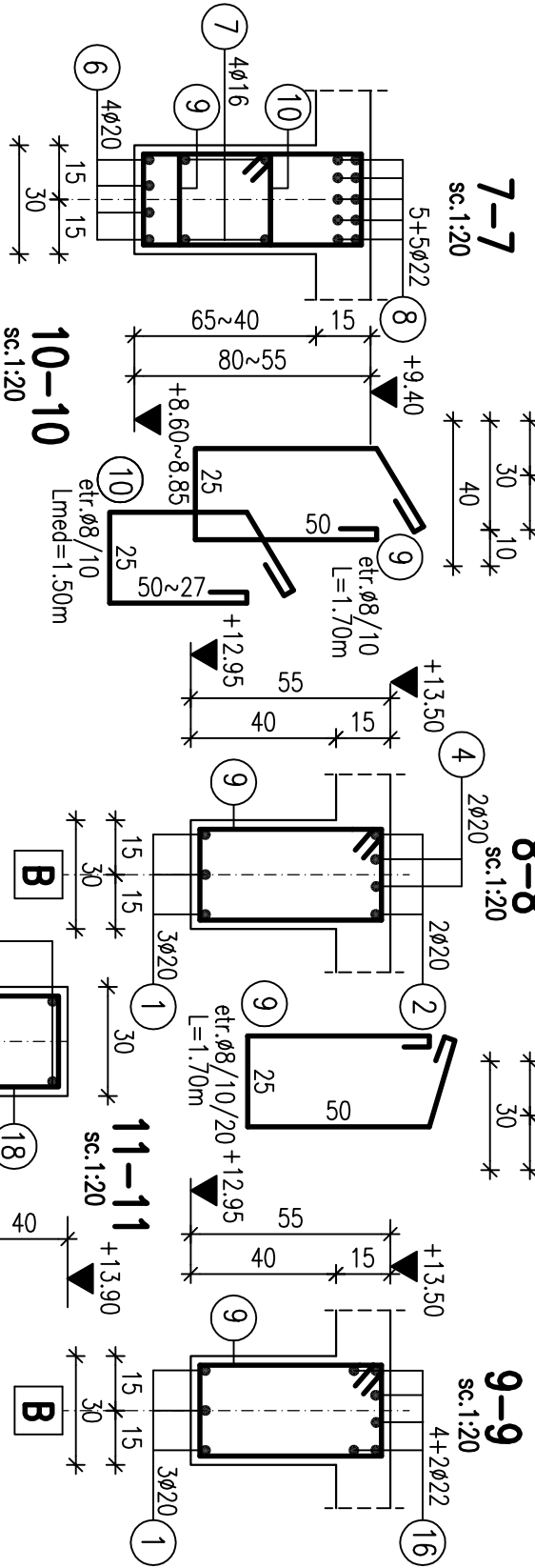
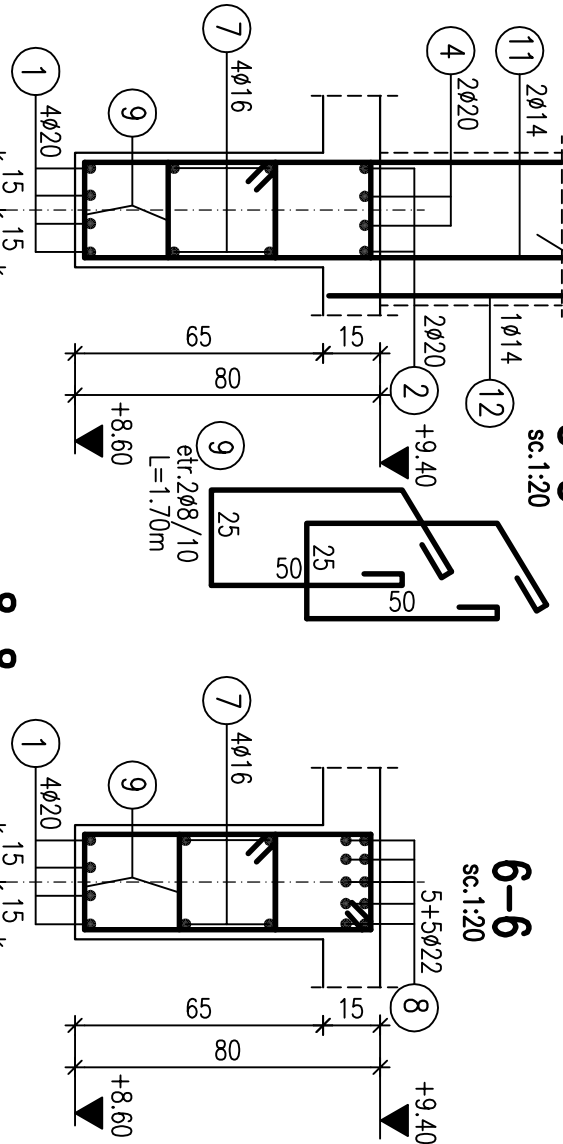
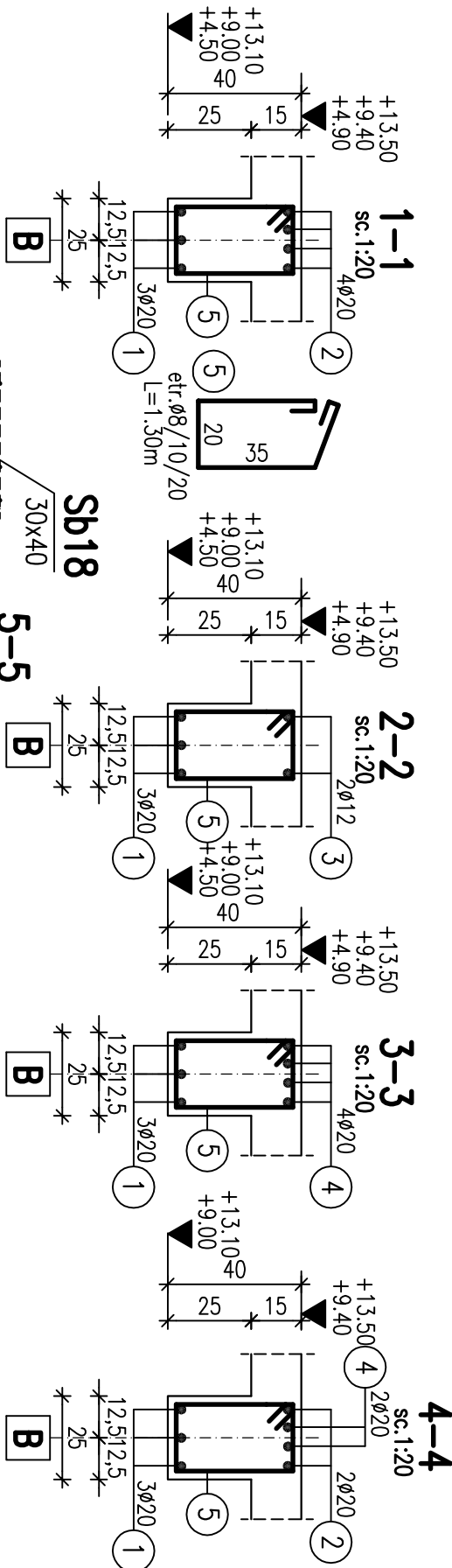


EXTRAS DE ARMATURA

Elem.	Marca	Ø [mm]	Bucati	Lung. [m]	Lungimi in ml/Ø					
					Ø6	Ø8	Ø12	Ø14	Ø16	S500 Ø20 Ø22
	120	42	7.05							296.10
	220	24	2.70							64.80
	312	24	2.40				57.60			
	420	44	4.20						184.80	
	585	40	1.30			702.00				
	620	4	5.25						21.00	
	716	4	10.95						43.80	
	822	10	9.45							94.50
	988	231	1.70			392.70				
	1088	66	1.50			99.00				
	1114	2	3.05					6.10		
	1214	1	2.35					2.35		
	1320	3	4.40						13.20	
	1416	2	4.10						8.20	
	1516	2	5.30						10.60	
	1622	6	8.60							51.60
	1716	2	2.44						4.88	
	1888	9	1.95			17.55				
	1966	1	18.00							
	Lungimi in ml/Ø				18.00	1211.25	57.60	8.45	67.48	579.90
	Greutate in kg/ml				0.222	0.395	0.888	1.208	1.578	2.466
	Greutate in kg/Ø				4.00	478.50	51.15	10.50	106.48	1430.03
	TOTAL (kg)					534.00		11.00		1973.00



NOTA:

- Prezentă planşa se va citi cu planşa R19.

BETON
C20/25-CEM II/A-32.5R/(0-16) S2
OTEL BETON :
ØB 37, PC 52, S 500(Bst 500S)

Categoria de importanta: "C"				A	
Verificator	ing. Popoca A	Semnatura		Cerinta	
Verificator/expert Nume					
Proiectant general:				Beneficiar:	
S.C. PROIECTANTUL S.A. CLUJ-NAPOCA				I.N.C.D.T.I.M - CLUJ NAPOCA	
str. Deva nr.1-7, tel./fax 0264-595264				str.Donat, nr.67-103, municipiul Cluj Napoca, jud. Cluj	
Specificatie	Nume	Semnatura	Scara:	Titlu proiect:CENTRUL DE CERCETARE SI TEHNOLOGII AVANSATE PENTRU ENERGII ALTERNATIVE	
Seif proiect	ing. Baraian Daniela		1:20	str.Donat, nr.67-103, municipiul Cluj Napoca, jud Cluj	
Proiectat	ing. Aldica Mariana		Data:	Titlu planşa:	
Desenat	ing. Aldica Mariana		04. 2014	Detalii armare grinzi cadru ax B	
				Faza: PT+DE	
				Planşa nr: R20	
				Proiect nr: 01/2014	