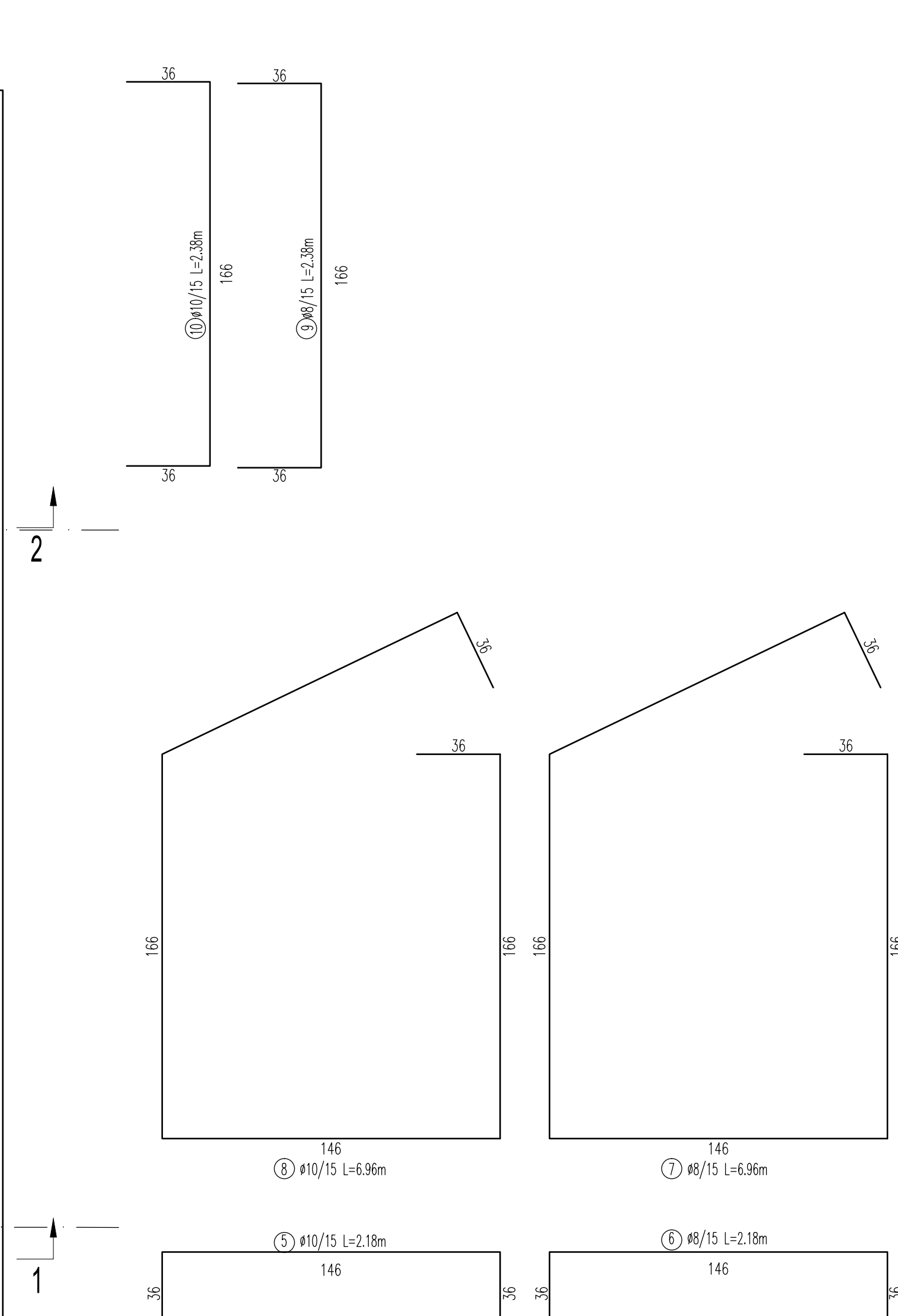
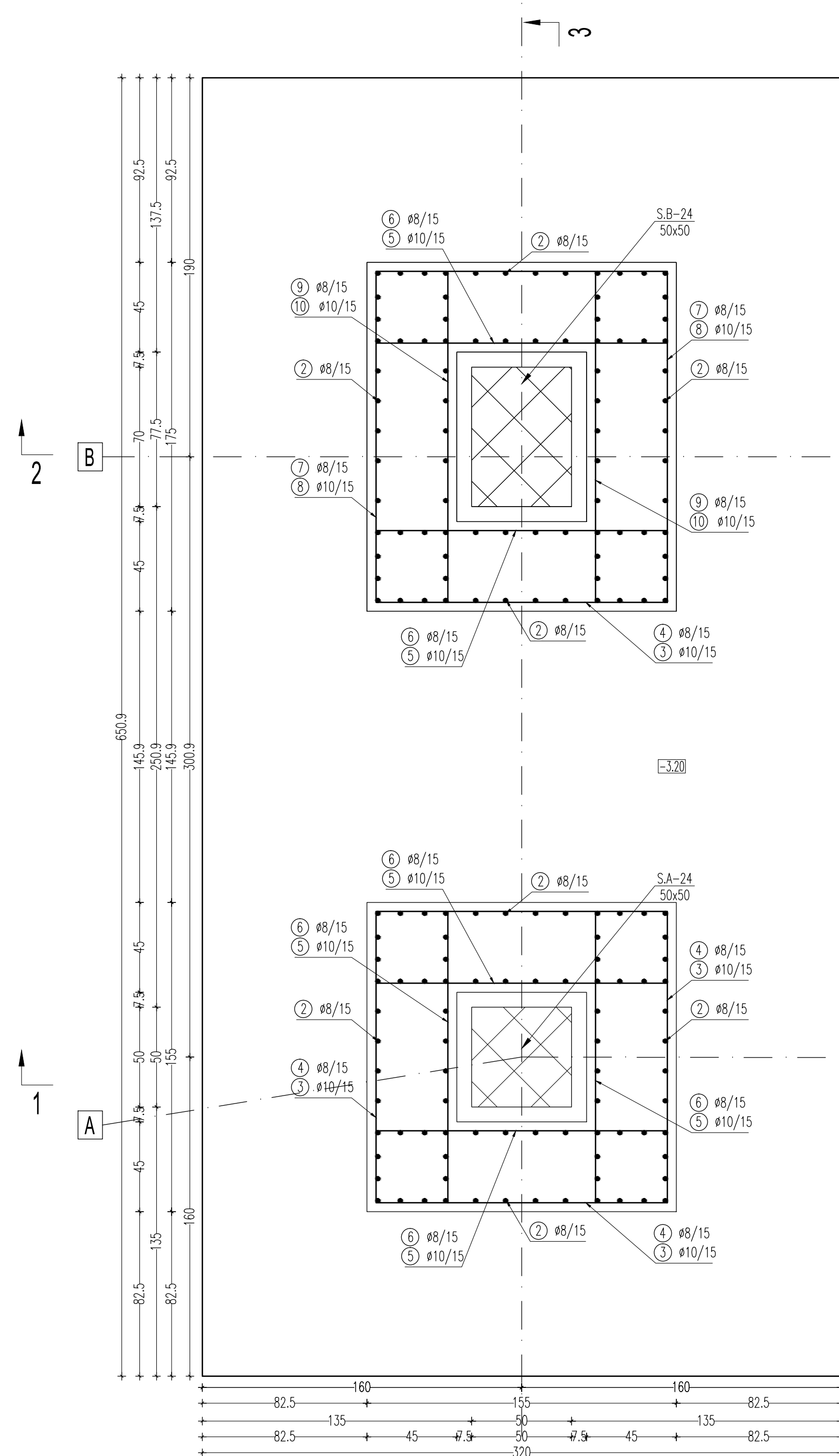


## scara. 1/20



SA-24  
50x50

⑤ #10/15

③ #10/15

⑥ #8/15

④ #8/15

beton monolitico C35/45

piso del gndio

② #8/15

① #16/15

② #8/15

③ #16/15

beton de egafizare C8/10

160

82.5

135

45

50

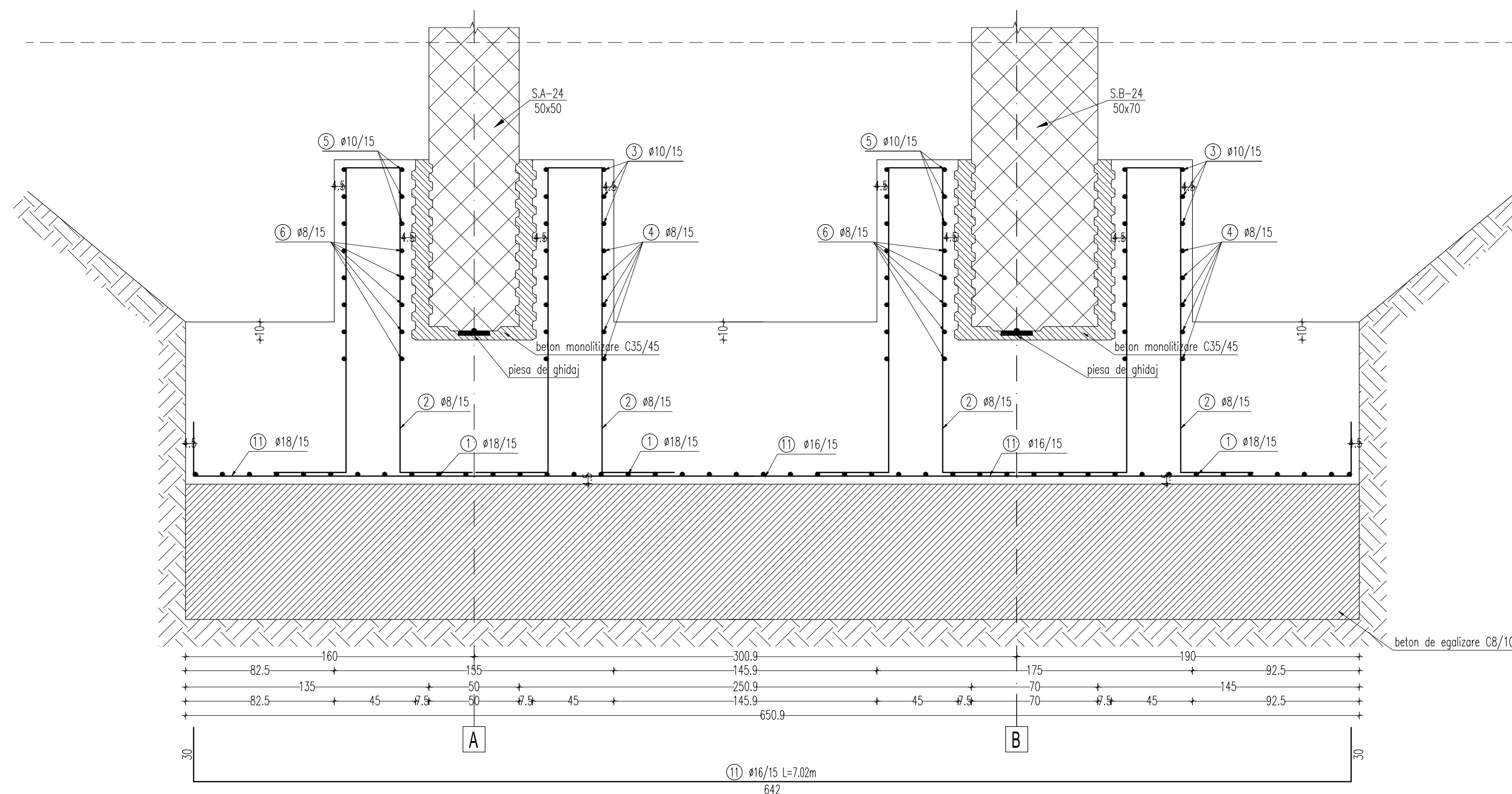
310

30

24

① #16/15 L=371m

311



Technical drawing of a reinforced concrete structure, likely a bridge pier or abutment, showing a cross-section with dimensions and reinforcement details.

**Dimensions:**

- Overall width: 311m
- Overall height: 3.71m
- Base slab thickness: 30cm
- Column height: 2.95m
- Column width: 1.35m
- Base slab width: 1.35m

**Reinforcement Details:**

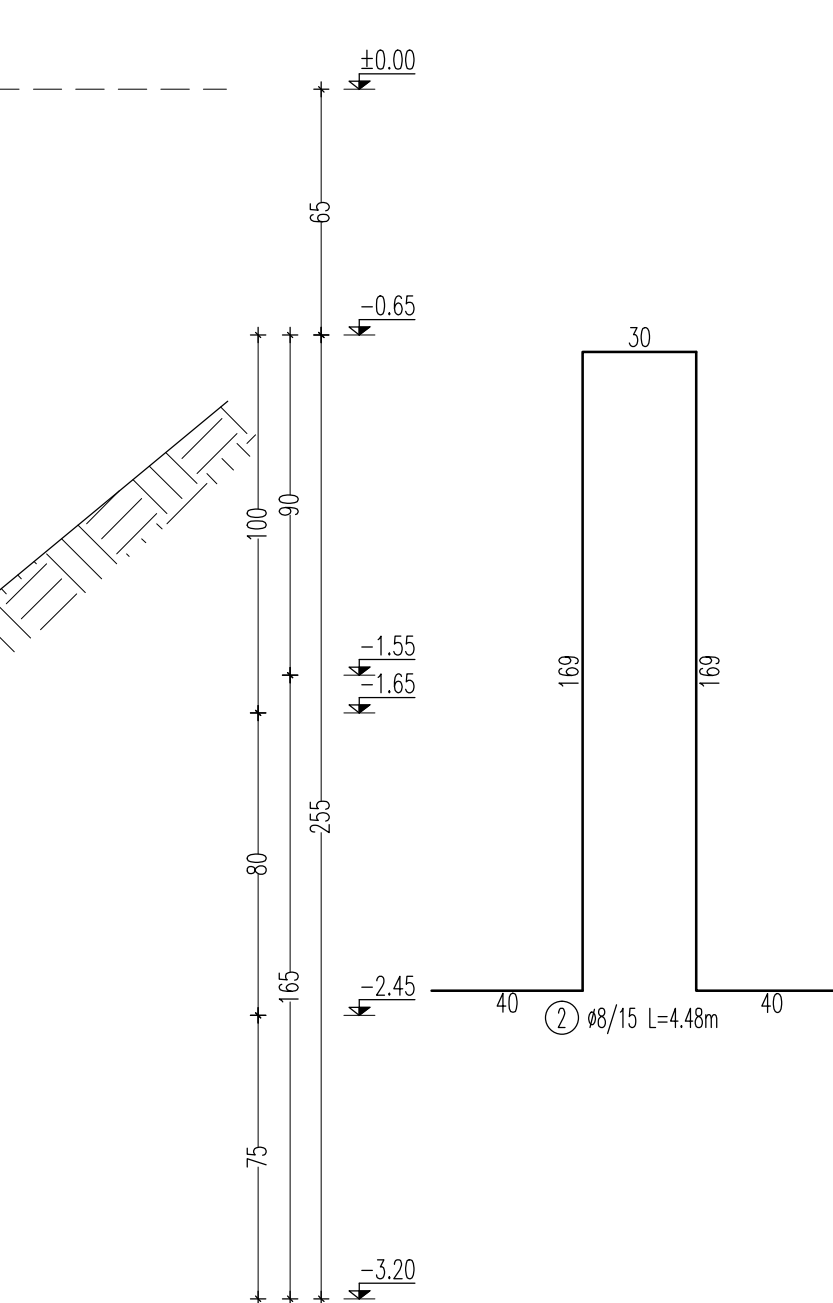
- Longitudinal bars: Ø18/15 (top and bottom), Ø16/15 (bottom)
- Transverse bars: Ø8/15 (top and bottom), Ø10/15 (top)
- Base slab reinforcement: Ø16/15 (longitudinal), Ø8/15 (transverse)
- Column reinforcement: Ø18/15 (longitudinal), Ø8/15 (transverse)

**Materials:**

- beton monolitizare C35/45 (column)
- beton de egalizare C8/10 (base slab)

**Other Labels:**

- S.B-24 50x70 (top reinforcement)
- piesa de ghidaj (guide piece)
- 24 (reinforcement bar number)



Element		Marca	$\Phi$	Element		Lungimea unei bare (m)	BST500S			
Den	Nr. Buc			intr-un element	in toate elementele		8	10	16	18
L 3.1	1	1	18	45	45	3.71				166.95
		2	8	82	82	4.48	367.36			
		3	10	3	3	6.56		19.68		
		4	8	5	5	6.56	32.80			
		5	10	18	18	2.18		39.24		
		6	8	30	30	2.18	65.40			
		7	8	5	5	6.96	34.80			
		8	10	3	3	6.96		20.88		
		9	8	20	20	2.38	47.60			
		10	10	6	6	2.38		14.28		
		11	16	22	22	7.02			154.44	
Total lungime (m)						547.96	94.08	154.44	166.95	
Greutate $\Phi$ /ml (kg/ml)						0.395	0.617	1.58	1.990	
Greutate $\Phi$ (kg)						216	58	244	332	
Total (kg)						851				
Total general(kg)						851				

- C20/25 - in fundatia pahar
- C8/10 - in betonul de egalizare
- C35/45 - beton de monolitizare

BETON MARCA:

- C35/45, dozaj minim de ciment: 360 kg/mc; T4-P4 I,II/A-S 32,5 R/0--16
- C20/25, dozaj minim de ciment: 290 kg/mc; raport A/C maxim 0.60 T4-P4 I,II/A-S 32,5 R/0--16
- C8/10, dozaj minim de ciment: 270 kg/mc; T3-III/A 5/0--31

OTEL BETON: B5T500S

Acoperirea cu beton -in fundatii: 4,5cm

- Imbinarea dintre stalp si fundatie se realizeaza prin betonarea spatiului din pahar.
- Betonul de monolitizare, de clasa C35/45, va avea dimensiuni maxime a agregatelor de 16 mm.
- Suprafetele stalpului si paharului se curata si se umezesc inainte de montarea in pahar si monolitizare.

Categoria de importanta "B"

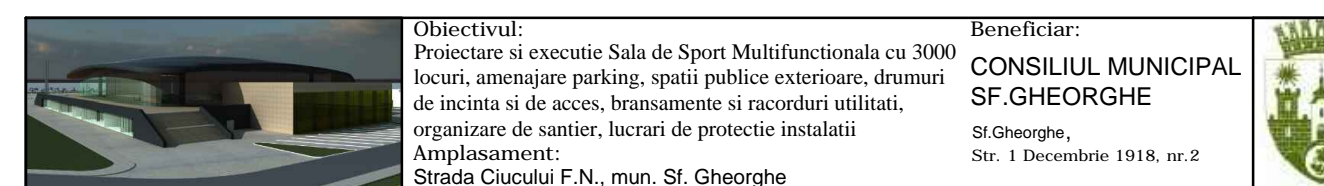
Clasa de importanta: II, conform STAS 10100/0 - 75

Riscul de incendiu : mic, conform capitol 2.1.3. din P118 - 1998

Gradul de rezistență la foc : I, conform P118 - 1999

Utilizarea se trebuie să se conformeze celui pentru care a fost elaborat. Documentul este valabil numai cu semnăturile și stampilele proiectanților în original.

Corelat cu:	Rezistența	Proiectat	nume	Semnatura
	Instalații	Proiectat		
Verificator atestat			Semnatura	Cerinta
	Prof. dr. ing. Petrina Mircea		A1; A2	Referat nr.



ASOCIATIA SUBCONTRACTANTI

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Atelier RVD

sc bogart construct srl

Cluj-Napoca Romania

RIBOLI DE ARHITECTURA SI URBANISM

DA

DIRECTOR DE PROIECT		SEF PROIECT	
ing. Bogdan PETRINA		arh. Rares V. DRAGAN	



Data	Scara	Format	Nr. proiect	Planşa nr.
10/2014	1-20	594x1100mm	23/2014	R\D.T.A.C.\030a