

Armarea talpa fundatie cota -3.45

① 2x6025, L=11.25m - sus si jos

② 3016, L=10.25m - intermediar

scara 1:50

SH4
56x56

SH2
42x56

SH1
56x56

22020
(10)

6025
(9)

20020
(10)

6025
(9)

6025
(9)

6025
(9)

11) 2012/20

4) 2012/15

8020
(10)

vezi plan armare perete s+p
PSC 3 - pl. nr. R/24

12) 2x4etr. Ø10,
L=2.30m

13) 4etr. Ø10,
L=2.90m

14) 2x4etr. Ø10,
L=2.10m

15) 4etr. Ø10,
L=2.25m

16) 2x4etr. Ø10,
L=2.20m

4

2

1

Armare grinda fundatie cota -1.21

5) 2x4025, L=10.70m

6) 2020, L=10.70m

7) Ø12/20, L=10.20m

The technical drawing shows a cross-section of a reinforced concrete slab with three columns. Key features include:

- Columns:** Labeled 1, 2, and 4. Column 1 has a width of 72 cm. Columns 2 and 4 have widths of 96 cm.
- Slab Thickness:** Indicated as 220 mm at the top left.
- Reinforcement:** Top bars are S460 56x56. Bottom bars are S460 56x56. Reinforcement is detailed with diameters (e.g., $\phi 10/10$) and lengths (e.g., $L=1.15m$).
- Dimensions:** Total length is 985 cm. Distances between column centers are 380 cm (between 2 and 4) and 482 cm (between 1 and 2).
- Material Specifications:** Concrete strength C20/20, steel grade S460, and reinforcement type PSC 3 - pl. nr. R/24.
- Scale:** scara 1:50.

- R/13 - Plan cofraj fundatii si sectiuni
- R/55 - Elevatie si sectiuni perete structural PSI 7. Subsol si parter. Plan cofraj
- R/57 - Elevatie si sectiuni perete structural PSI 7. Plan cofraj
- R/58 - Elevatie si sectiuni perete structural PSI 7. Plan armare

[illegible]

The technical drawing shows a cross-section of a reinforced concrete slab with three columns. The columns are labeled 1, 2, and 4. The slab has a total width of 118 cm between the outer edges of the columns. The distance between the centerlines of the columns is 263 cm. The slab thickness is 20 cm. The reinforcement consists of top bars (SH4, SH2, SH1) and bottom bars (PSC 3 - pl. nr. R/24). The drawing also shows the distribution of reinforcement bars along the length of the slab.

R/66 - ELEVATIE SI SECTIUNI PERETE STRUCTURAL PSI 7 AX H/1 - 4 /										
PLAN ARMARE										
Marca	Φ	Buc.	Lung.	OB37		PC52				
				Φ 6	Φ 8	Φ 10	Φ 12	Φ 16	Φ 20	Φ 25
1	25	12	10.70							128.40
2	16	3	10.25					30.75		
3	16	132	1.70					224.40		
4	12	264	3.45				910.80			
5	25	8	10.70							85.60
6	20	2	10.70						21.40	
7	12	44	10.20				448.80			
8	10	102	0.60			61.20				
9	25	30	8.20							246.00
10	20	50	7.90						395.00	
11	12	50	7.45				372.50			
12	10	68	2.30			156.40				
13	10	34	2.90			98.60				
14	10	68	2.10			142.80				
15	10	34	2.25			76.50				
16	10	68	2.20			149.60				
17	10	40	1.15			46.00				
18	10	40	9.80			392.00				
19	8	117	0.30		35.10					
20	16	4	2.30					9.20		
21	16	2	2.90					5.80		
22	16	4	2.10					8.40		
23	16	2	2.25					4.50		
24	16	2	2.20					4.40		
Lungimi / ø	m			0.00	35.10	1123.10	1732.10	287.45	416.40	460.00
Masa totala / ml	m			0.222	0.395	0.617	0.888	1.578	2.466	3.853
Masa totala / ø	m			0.00	13.86	692.95	1537.78	453.69	1026.84	1772.38
TOTAL kg				5498.00						

BETON EGALIZARE : C4/5 (Bc5)
BETON ARMAT IN GRINDA DE FUNDATIE : C20/25 (Bc25)
BETON IN PERETI (PSC SI PSI) : C25/30 (Bc30)
ARMATURA : OB37, Pc52

1. Acoperirea cu beton si suprapunerea barelor pentru innadire in conformitate cu STAS 10107/0-90.
2. Barele se vor fasona numai dupa verificarea in teren a dimensiunilor efective ale peretilor, stalpilor si grinzilor existente.
3. Cotele etrierilor sunt date la interior.
4. Barele de armatura se vor innadi cu sudura prin petrecere pe o lungime de 20d. Se vor innadi maxim 2 bare intr-o sectiune.
5. Pregatirea suprafetei betonului existent se va face prin buciardare cu ciocan cap buciarda. Dupa buciardare se va uda din abundenta betonul existent.

VERIFICARE	Ing. M. Radu		A1, A2	384 / 02.2011
	NUME	SEMNAȚURA	CERINȚA	REFERAT NR./ DATA
PROIECTANT DE SPECIALITATE: S.C.PROCEMA Engineering S.R.L. 140/7772/2004			BENEFICIAR: PRIMARIA MUNICIPIULUI BUCUREȘTI	
PROIECTANT DE SPECIALITATE: S.C.PROCEMA Engineering S.R.L. 140/7772/2004			Project: MB 8642 / 2010	
SPECIFICATIE	NUME	SEMNAȚURA	SCARA 1:50	PROIECTARE LUCRARI DE CONSOLIDARE IMOBIL DE LOCUINȚE DIN Bld. M. KOGALNICEANU, NR. 30, SECTOR 5, BUCUREȘTI
SEF PROIECT	Ing. N. Stamate			Faza: P.T + D.E.
PROIECTAT	Ing. M. Costache			Plansa: R/56
DESENAT	Ing. A. Pruna		DATA: 2011	Corp A ELEVATIE ȘI SECȚIUNI PERETE STRUCTURAL PSI 7 AX H/ 14 X, SUBSOL ȘI PARTER -PLAN ARMARE -