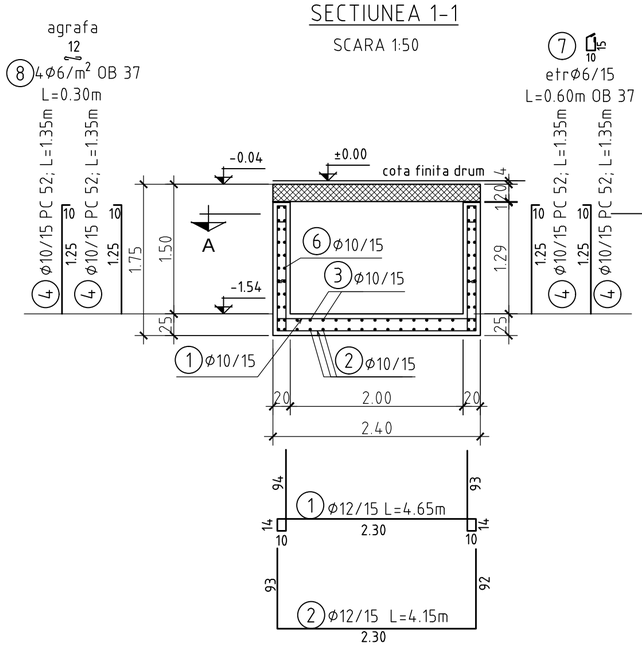
PLAN ARMARE CAMIN TIP 10

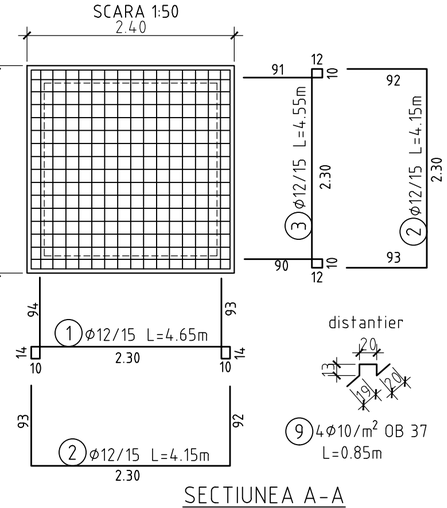
SECTIUNEA 1-1

SCARA 1:50



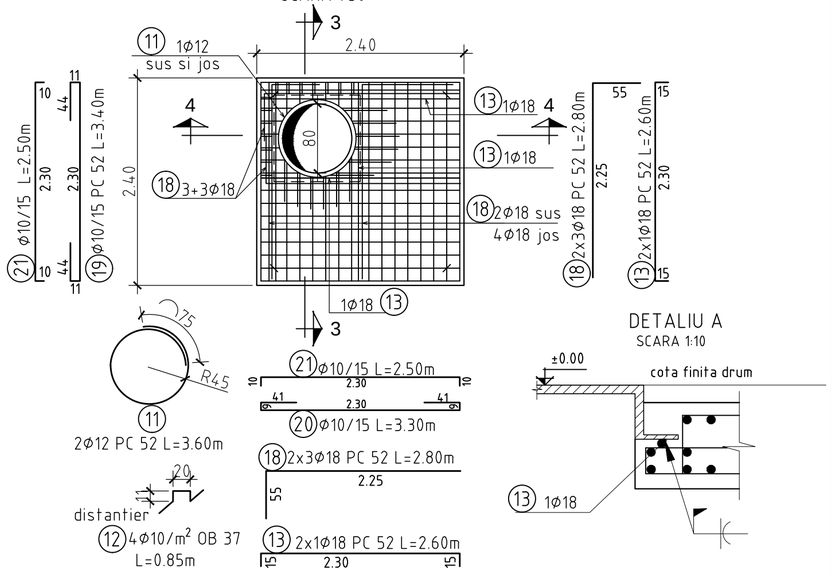
ARMARE RADIER

SCARA 1:50



ARMARE PLACA PREFABRICATA

SCARA 1:50

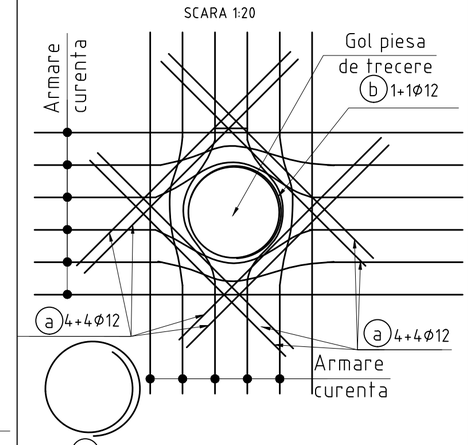


DETALIU A

SCARA 1:10

Detaliu armare goluri piese de trecere

SCARA 1:20

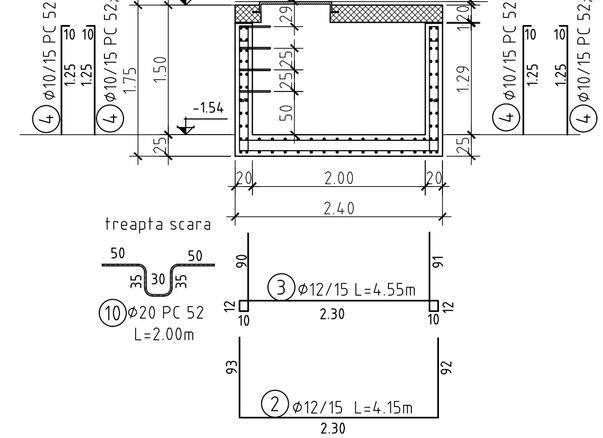


Lungimea si marcile barelor a si b

DN	Bara marca a		Bara marca b	
mm				
110	26	1.60	27	1.20
250	28	1.70	29	1.55

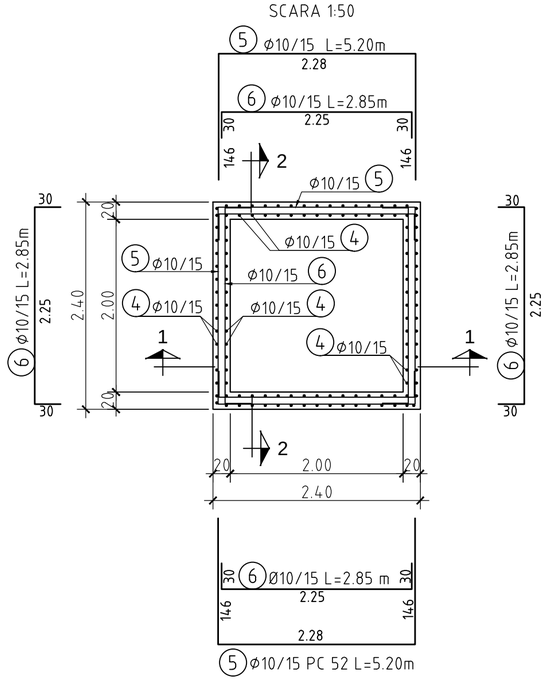
SECTIUNEA 2-2

SCARA 1:50



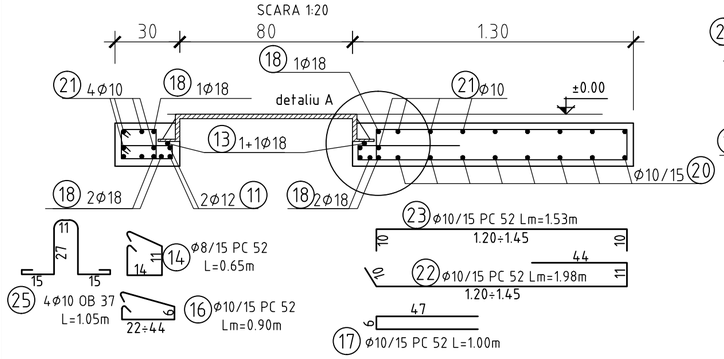
SECTIUNEA A-A

SCARA 1:50



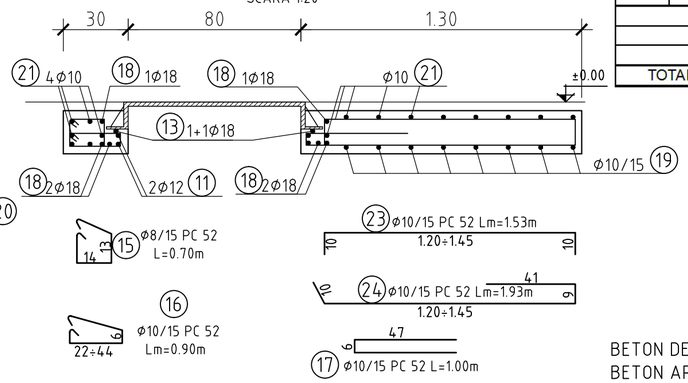
Sectiunea 3-3

SCARA 1:20



Sectiunea 4-4

SCARA 1:20



Extras de armatura

Marca	ø	Buc	Lungime	OB 37		PC52				
				ø 6	ø 10	ø 8	ø 10	ø 12	ø 18	ø 20
1	12	17	4.65					79.05		
2	12	34	4.15					141.10		
3	12	17	4.55					77.35		
4	10	120	1.35				162.00			
5	10	18	5.20				93.60			
6	10	36	2.85				102.60			
7	6	64	0.60	38.40						
8	6	50	0.30	15.00						
9	10	23	0.85		19.55					
10	20	4	2.00							8.00
11	12	2	3.60					7.20		
12	10	16	0.85		13.60					
13	18	4	2.60						10.40	
14	8	7	0.65			4.55				
15	8	7	0.70			4.90				
16	10	12	Lm=0.90			10.80	10.80			
17	10	12	1.00				12.00			
18	18	12	2.80						33.60	
19	10	10	3.40				34.00			
20	10	10	3.30				33.00			
21	10	26	2.50				65.00			
22	10	6	Lm=1.98				11.88			
23	10	12	Lm=1.53				18.36			
24	10	6	Lm=1.93				11.58			
25	10	4	1.05		4.20					
26	12	8	1.60					12.80		
27	12	2	1.20					2.40		
28	12	32	1.70					54.40		
29	12	4	1.55					6.20		
ml/ø				53.40	37.35	20.25	554.82	380.50	44.00	8.00
kg/ml				0.222	0.617	0.395	0.617	0.888	1.998	2.466
kg/ø				11.85	23.04	8.00	342.32	337.88	87.91	19.73
TOTAL		kg/buc		35		796				

NOTA:

-Acoperirea nominala cu beton a armaturilor este:
- -radier 45mm
- -pereti 40mm
- -placa interior 20mm
- exterior 30mm

-Zona superioara a caminului se va betona pana la cota 0.00(cota finita drum), daca partea carosabila nu este din asfalt.
-Prezenta plansa se va citi impreuna cu plansele de instalatii hidraulice.
-Capacul va fi carosabil cu rama patrata, clasa D 400.
-Dimensiunile partiale ale armaturilor sunt cotate la interior.

BETON DE EGALIZARE	C8/10,X0,Dmax 32,S3,CEM II B-M (S-LL) 32.5 R
BETON ARMAT	C 25/30,XC4,XF3,Cl0.2,Dmax 22,S3,P4,CEM II/A-S 32.5R
OTEL BETON	OB 37, PC 52

Rev	Nume	Ver	Aprb	Data	Descriere

Autoritatea contractanta: **S.C.AQUACARAS S.A. CARAS SEVERIN**

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Proiectant: **Consortiu S.C Eptisa Romania S.R.L si Eptisa Servicios de Ingeniería S.L.**

Şos. Dudeşti-Pantelimon nr. 42, RAMS center, et. 5, corp A, sector 3, Bucureşti
Tel+ 40 21 301 14 70
Fax: + 40 21 301 14 80
www.eptisa.com

Proiect:

MODERNIZAREA INFRASTRUCTURII DE APA SI APA UZATA IN JUDETUL CARAS SEVERIN - AGLOMERAREA RESITA

Plansa:

Retele apa
Camin tip 10-Plan Armare

Desenat:	Ing. B. Paraschiv	Data: Aprilie 2013
Verificat:	Ing. M. Serbanoiu	Data: Aprilie 2013
Aprobat:	Ing. D. Spiridon	Data: Aprilie 2013

Plansa nr. CS-RE-PT/DA-A-R-10.2

Revizia 0

Scara plansa: 1 :50 1:20 1:10