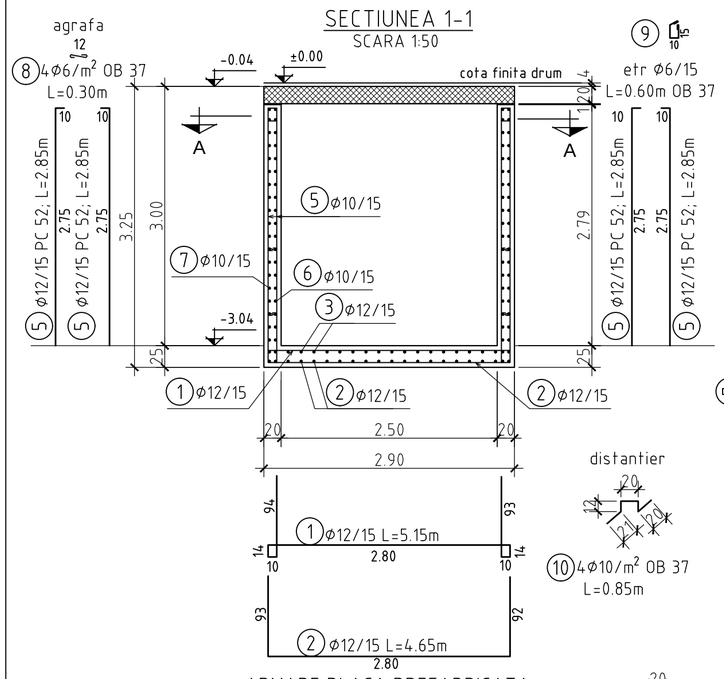
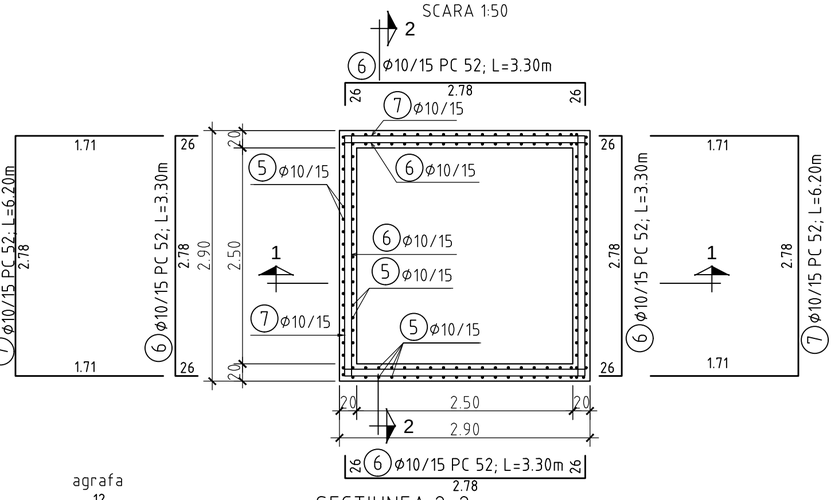
PLAN ARMARE CAMIN TIP 19

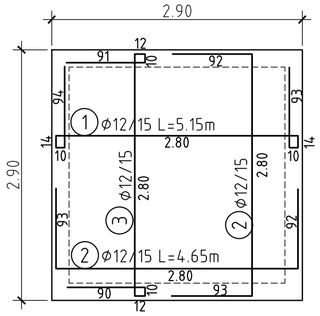
SECTIUNEA 1-1
SCARA 1:50



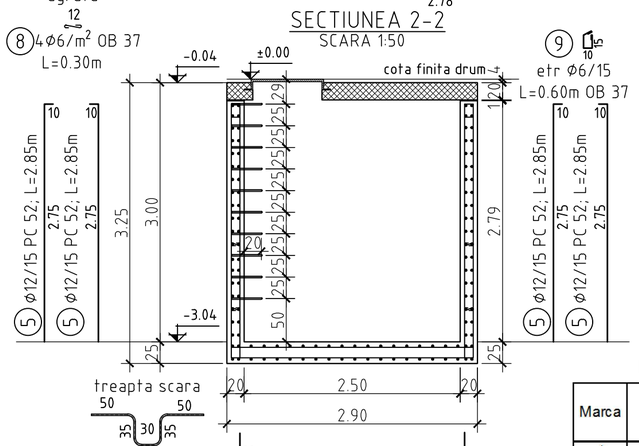
SECTIUNEA A-A
SCARA 1:50



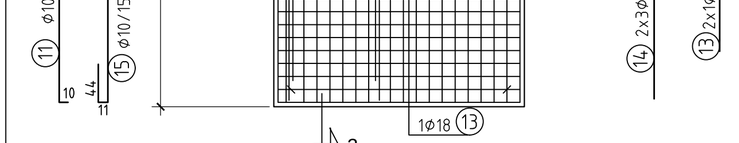
ARMARE RADIER
SCARA 1:50



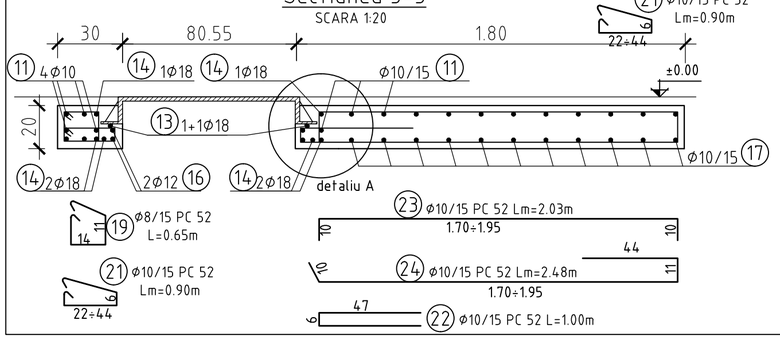
SECTIUNEA 2-2
SCARA 1:50



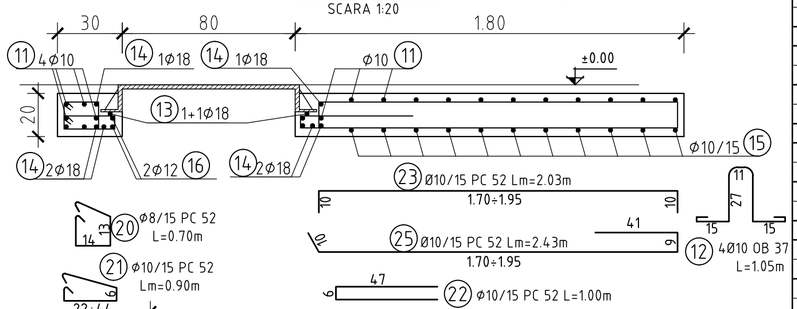
ARMARE PLACA PREFABRICATA
SCARA 1:50



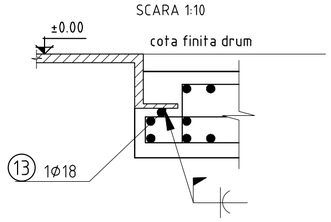
Sectiunea 3-3
SCARA 1:20



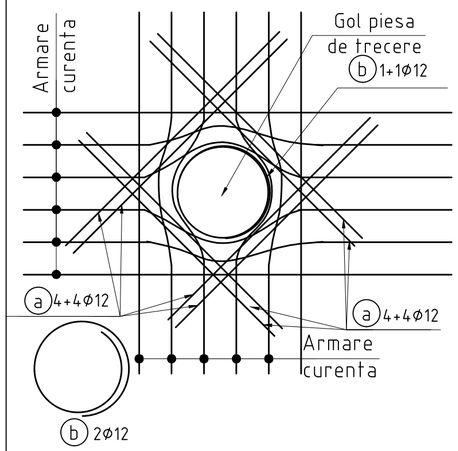
Sectiunea 4-4
SCARA 1:20



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				
400	26	1.85	27	2.00

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.

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	21	5.15					108.15		
2	12	42	4.65					195.30		
3	12	21	5.05					106.05		
4	20	10	2.00							20.00
5	10	152	2.85				433.20			
6	10	76	3.30				250.80			
7	10	38	6.20				235.60			
8	6	94	0.30	28.20						
9	6	78	0.60	46.80						
10	10	34	0.85		28.90					
11	10	32	3.00				96.00			
12	10	4	1.05		4.20					
13	18	4	2.40						9.60	
14	18	12	3.30						39.60	
15	10	13	3.90				50.70			
16	12	2	3.60					7.20		
17	10	13	3.80				49.40			
18	10	34	0.85		28.90					
19	8	7	0.65			4.55				
20	8	7	0.70			4.90				
21	10	12	Lm=0.90			10.80	10.80			
22	10	12	1.00				12.00			
23	10	12	Lm=2,03				24.36			
24	10	6	Lm=2.48				14.88			
25	10	6	Lm=2,43				14.58			
26	12	48	1.80					86.40		
27	12	6	1.75					10.50		
ml/ø				75.00	62.00	20.25	1192.32	513.60	49.20	20.00
kg/ml				0.222	0.617	0.395	0.617	0.888	1.998	2.466
kg/ø				16.65	38.25	8.00	735.66	456.08	98.30	49.32
TOTAL kg/buc				55		1347				

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**
Adresa: P-ta Republicii, nr. 7, Resita
Jud. Caras Severin
Tel.: +40 255 212 458
Fax.: +40 255 214 421
E-mail:office@aquacaras.ro

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 19-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-19.2
Revizia: 0

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