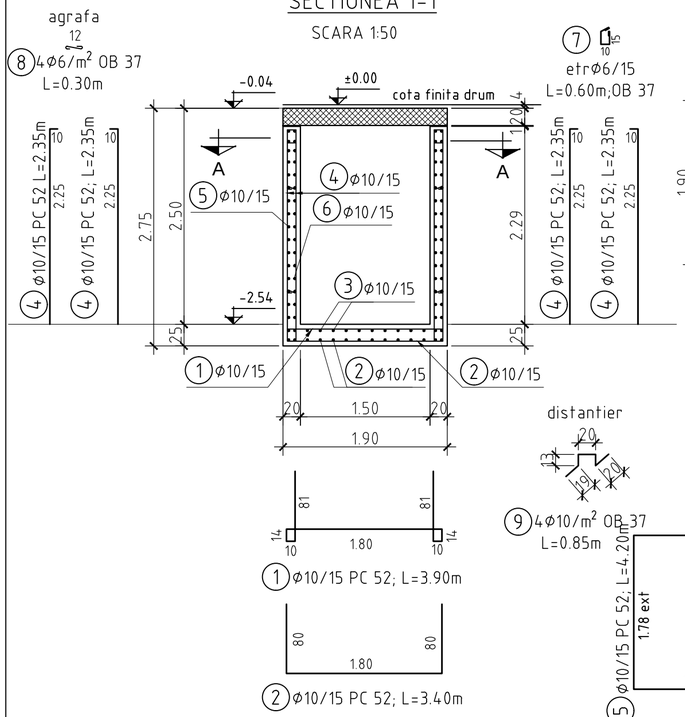
# PLAN ARMARE CAMIN TIP 5

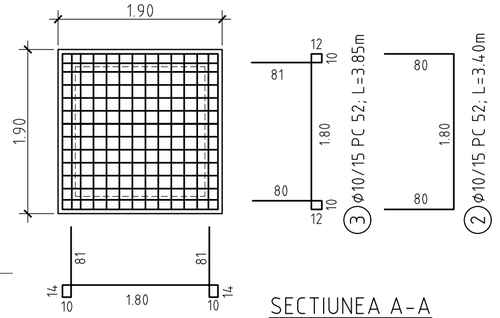
## SECTIUNEA 1-1

SCARA 1:50



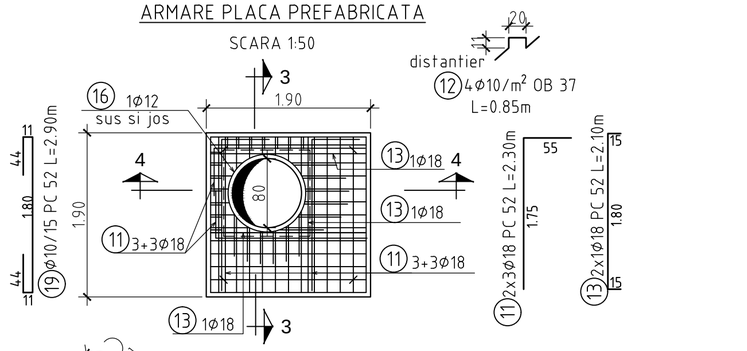

## ARMARE RADIER

SCARA 1:50



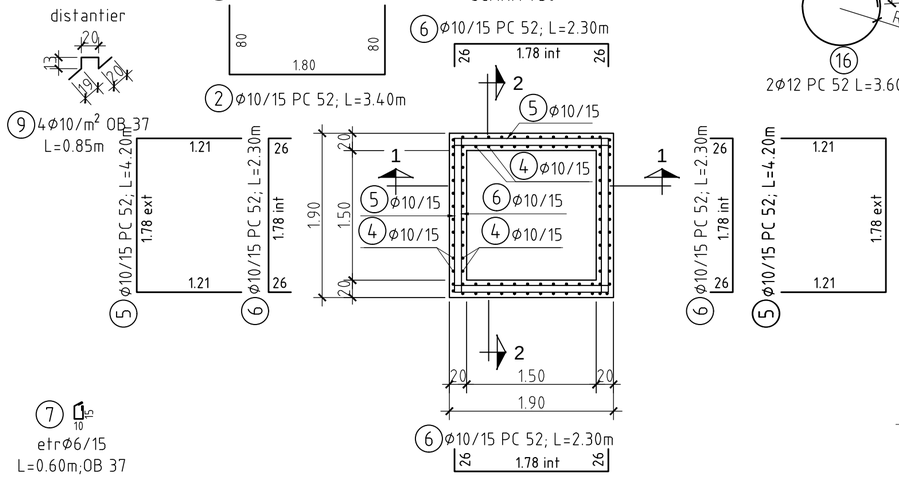

## ARMARE PLACA PREFABRICATA

SCARA 1:50



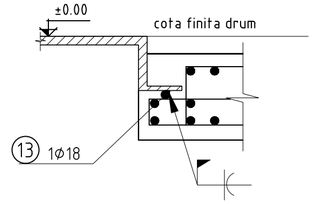

## SECTIUNEA A-A

SCARA 1:50



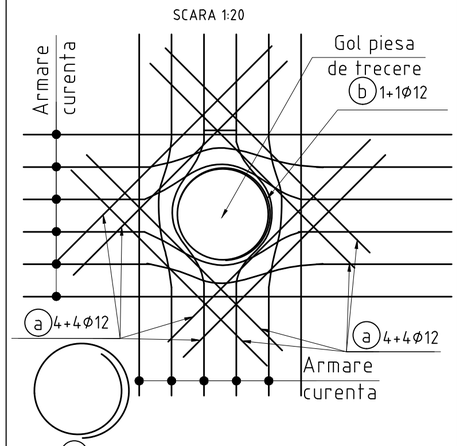

## DETALIU A

SCARA 1:10




## Detaliu armare goluri piese de trecere

SCARA 1:20

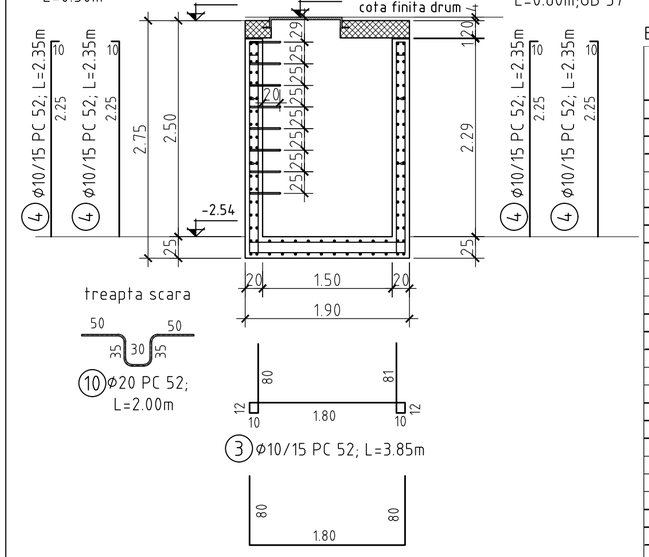



Lungimea si marcile barelor a si b

| DN | Bara marca a | | Bara marca b | |
|---|---|---|---|---|
| mm | | | | |
| 110/160/200 | 26 | 1.65 | 27 | 1.45 |

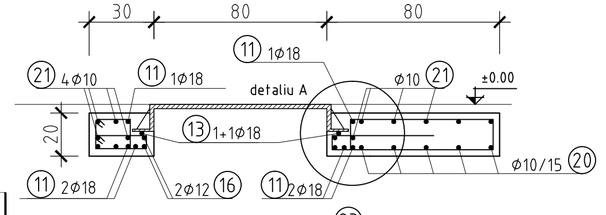
## SECTIUNEA 2-2

SCARA 1:50



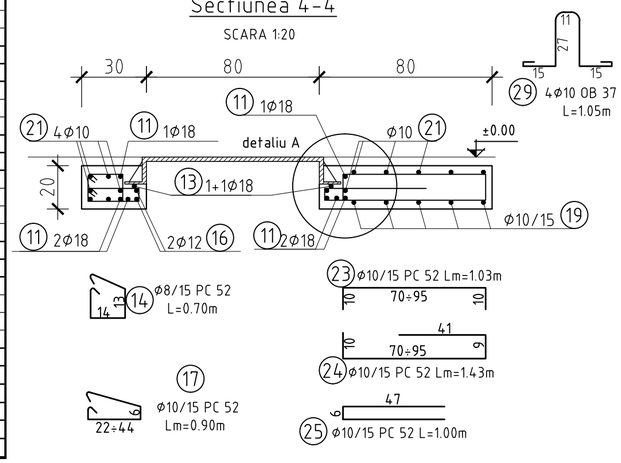

## Sectiunea 3-3

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 | 10 | 14 | 3.90 | | | | 54.60 | | | |
| 2 | 10 | 28 | 3.40 | | | | 95.20 | | | |
| 3 | 10 | 14 | 3.85 | | | | 53.90 | | | |
| 4 | 10 | 96 | 2.35 | | | | 225.60 | | | |
| 5 | 10 | 32 | 4.20 | | | | 134.40 | | | |
| 6 | 10 | 64 | 2.30 | | | | 147.20 | | | |
| 7 | 6 | 48 | 0.60 | 28.80 | | | | | | |
| 8 | 6 | 70 | 0.30 | 21.00 | | | | | | |
| 9 | 10 | 9 | 0.85 | | 7.65 | | | | | |
| 10 | 20 | 8 | 2.00 | | | | | | | 16.00 |
| 11 | 18 | 12 | 2.30 | | | | | | 27.60 | |
| 12 | 10 | 9 | 0.85 | | 7.65 | | | | | |
| 13 | 18 | 4 | 2.10 | | | | | | 8.40 | |
| 14 | 8 | 7 | 0.70 | | | 4.90 | | | | |
| 15 | 8 | 7 | 0.65 | | | 4.55 | | | | |
| 16 | 12 | 2 | 3.60 | | | | | 7.20 | | |
| 17 | 10 | 12 | Lm=0.90 | | | | 10.80 | | | |
| 18 | 10 | 4 | 1.05 | | 4.20 | | | | | |
| 19 | 10 | 7 | 2.90 | | | | 20.30 | | | |
| 20 | 10 | 7 | 2.80 | | | | 19.60 | | | |
| 21 | 10 | 20 | 2.00 | | | | 40.00 | | | |
| 22 | 10 | 6 | Lm=1.48 | | | | 8.88 | | | |
| 23 | 10 | 12 | Lm=1.03 | | | | 12.36 | | | |
| 24 | 10 | 6 | Lm=1.43 | | | | 8.58 | | | |
| 25 | 10 | 12 | 1.00 | | | | 12.00 | | | |
| 26 | 12 | 48 | 1.65 | | | | | 79.20 | | |
| 27 | 12 | 6 | 1.45 | | | | | 8.70 | | |
| ml/ø | | | | 49.80 | 19.50 | 9.45 | 843.42 | 95.10 | 36.00 | 16.00 |
| kg/ml | | | | 0.222 | 0.617 | 0.395 | 0.617 | 0.888 | 1.998 | 2.466 |
| kg/ø | | | | 11.06 | 12.03 | 3.73 | 520.39 | 84.45 | 71.93 | 39.46 |
| TOTAL kg/buc | | | | 23 | | | 720 | | | |

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.

-Capacul va fi carosabil cu rama patrata, clasa D 400.

-Dimensiunile partiale ale armaturilor sunt cotate la interior.

-Prezenta plansa se va citi impreuna cu plansele de instalatii hidraulice.

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| 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 5-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-5.2

Revizia 0

| | |
|---|---|
| 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 |

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