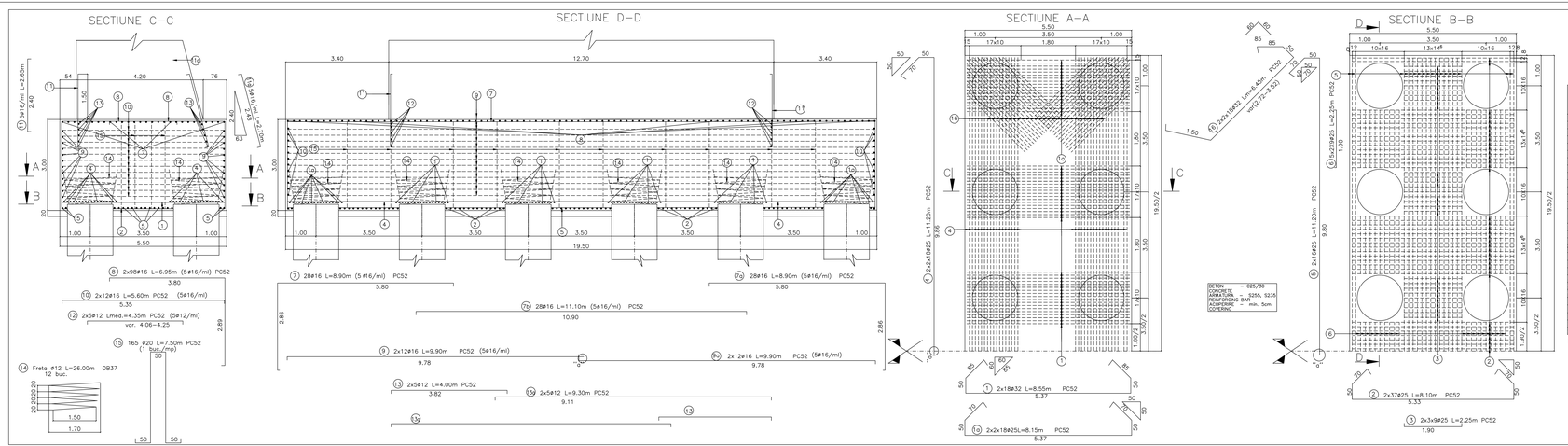

MASURATOAREA OTELULUI BETON NECESAR PENTRU ARMAREA RADIERULUI

Marca (Poz.Desen)	Nr. bare	Lungime bare	Greutate bare	Partiile	OB 37 S 255 Ø12	OB 37 S 355 Ø12	PC 52 S 355 Ø16	PC 52 S 345 Ø20	PC 52 S 345 Ø25	PC 52 S 335 Ø32
1	32	36	8.55							307.80
10	25	72	8.15						586.80	
2	25	74	8.10						599.40	
3	25	54	2.25						121.50	
4	25	72	11.20						806.40	
5	25	32	11.20						358.40	
6	25	90	2.25						202.50	
7	16	28	8.90			249.20				
7a	16	28	8.90			249.20				
7b	16	28	11.10			310.80				
8	16	196	6.95			1362.20				
9	16	24	9.90			237.60				
9a	16	24	9.90			237.60				
10	16	24	5.60			134.40				
11	16	105	2.65			278.25				
11a	16	64	2.70			172.80				
12	12	10	4.35		43.50					
13	12	10	4.00		40.00					
13a	12	10	9.30		93.00					
14	12	12	26.00	312.00						
15	20	165	7.50					1237.50		
16	32	72	6.45							464.40
Lungimi pe diameru				312.00	196.50	3232.05	1237.50	2675.00		772.20
Greutate pe ml.				0.888	0.888	1.578	2.470	3.853		6.313
Greutate pe diam.				277	175	5100	3057	10307		4875
Total pe calitate				277		23514				
TOTAL						23791				
Suduri 2%(kg)						476				
Pierderi 5%(kg)						1190				
GREUTATE TOTAL(kg)						25500				

PENTRU 2 RADIERE: 2x25500 kg =51000 kg

NOTA

1.Prezentul plan s–a întocmit în conformitate cu planul de cofraj EA5101E16BBPV03920031, EA5101E16BBPV03920041.
2.Innodirea barelor prin sudura, se va face în
3.Armarea coloanelor este cuprinsa in planul EA5101E16BBPV03920060.
4.Betonul din radier se va turna prin pompare.
5.La punerea in opera a betonului turnat prin pompare se vor lua toate masurile in aso fel incat:
–procesul de pompare sa se desfasoare continuu fara intreruperi;
–turnarea sa se faca in 3(trei) puncte si sa dureze max 6 ore;
–inaltimea libera de cadere a betonului sa fie de max 0.5m;
–betonul se va turna in straturi de max. 40cm grosime, pentru a permite o buna vibrare
–betonul sa fie bine compactat prin vibrare.

NOTE:

1.This drawing was drawn up according to the shuttering plan EA5101E16BBPV03920031, EA5101E16BBPV03920041.
2.The bars will be joined by welding according to "Norm C28 – 83".
3.The column reinforcing can be found in drawing EA5101E16BBPV03920060.
The concrete in the raft will be cast by pumping.
4.During pumped concrete placement, all measures will be taken so that:
–the pumping process will be continuous, without any interruption;
–the concrete will be cast in 3 (three) points and will last max. 6 hours;
–the free falling height of concrete will be max. 0.5m;
–the concrete will be cast in max. 40 cm thick layers to allow good vibration;
–the concrete will be well–compacted by vibration.

DETALIUL "a"
INADIREA BARELOR DIN OTEL PC 52 PRIN SUDARE MANUALA CU ARC ELECTRIC

Sc. 1:5

Innodire prin supraponere, cusatura pe ambele parti cu cusatura de recordare la barele necoaxiale Ø≥20, conf. C28/83.

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Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
D					
C					
B					
A					

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANTAT DE UNIUNEA EUROPEANA
EUROPEAN UNION FINANCED P

CLIENT / CLIENT

C.N.C.F. "C.F.R." - S.A.

ITALFERR GRUPPO FERROVIE DELLO STATO
Joint Venture leader
Sicon
Vibroseis
OBERMEYER PLANEN + BERATEN Gmbh
TECNIC Consulting Engineers

CONSULTANT / CONSULTANT

			Date Data	Semnatura Signature
Aprobat Approved	Şef proiect Project Manager	R. Luzza	03.2012	
Aprobat Approved	Coordonator Geologie 1 Section 1 Coordinator	C. Gianbelli	03.2012	
Verificat Checked	Expert Geotehnic Checking Expert	V. Kalidromitis	03.2012	

SUBCONTRACTANT / SUBCONTRACTOR ARex

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A.Stanciu - Dinulescu	03.2012	
Întocmit Elaborated	Proiectant Designer	Maria Campan	03.2012	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru creserea tranzitului cu viteza maxima de 160 km/h,
Tronsonul : Brasov - Sighisoara
Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Brasov - Sighisoara

Proiect/Project 200APCR01SPPA003

Faza / Phase: D.E. / E.D.

Denumire desen / Drawing Title : INTERVAL / SECTION ARCHITA-VANATORI

POD / BRIDGE Km 266+382.312 D=35.00m

Plan armare radier
Plan for raft reinforcement

Codificare / Codification System	Scara / Scale 1:50	LOT / LOT	Nr. / No. 01 / 01
E A 5 1 0 1 E 1 6 B C P V 0 3 9 2 0 0 7 0			

297x1560