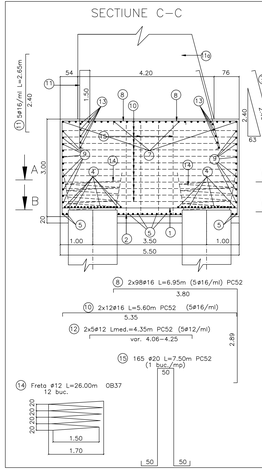
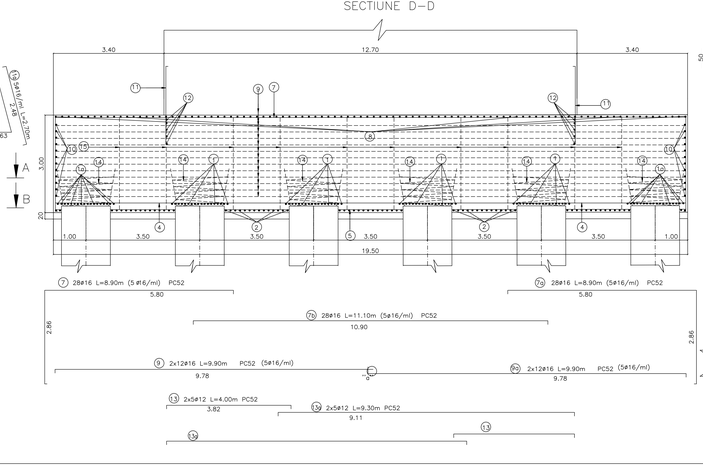
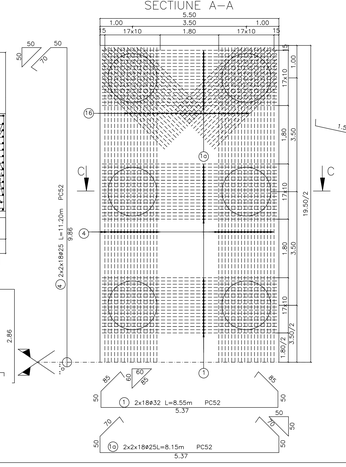
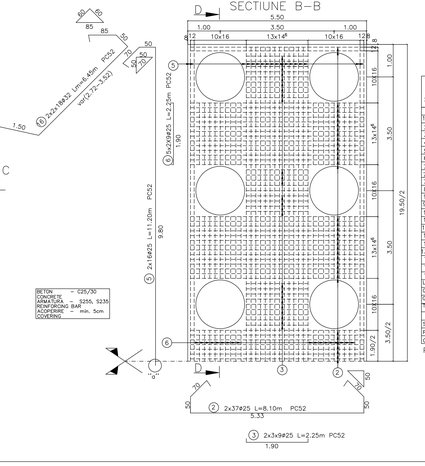








BETON – C25/30
CONCRETE
ARMATURA – PC52, 1235
REINFORCING BAR
ACOPERIRE – min. 5cm
COVERING

MASURATOAREA OTELULUI BETON NECESAR
PENTRU ARMAREA RADIERULUI

Marca	Elemente identice	Nr. bucăți	Lungimi Totale					
			OB 37	PC 52				
			Profilate S 255	S 355 Ø12	S 355 Ø16	S 345 Ø20	S 345 Ø25	S 335 Ø32
1	32	36	8.55					307.80
10	25	72	8.15				586.80	
2	25	74	8.15				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			
8	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				
14	12	10	9.30	93.00				
15	12	12	26.00	312.00				
15	20	165	7.50			1237.50		
16	32	72	6.45					464.40
Lungimi pe diametru			312.00	196.50	5232.00	1237.50	2675.00	772.20
Greutate pe mt.			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

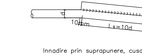
1.Prezentul plan s–a intocmit in conformitate cu planul de cofraj EA5101E16BBPV03820031, EA5101E16BBPV03820041.
2.Innodirea barelor prin sudura, se va face in .
3.Armarea colanelor este cuprinsa in planul EA5101E16BBPV03820060.
4.Betonul din radier se va turna prin pompare.
5.La punerea in opera a betonului turnat prin pompare se vor lua toate masurile in ass 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 EA5101E16BBPV03820031, EA5101E16BBPV03820041.
2.The bars will be joined by welding according to "Norm C28 – 83"
3.The column reinforcing can be found in drawing EA5101E16BBPV03820060.
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 suprapunere, cusutura pe ambele parti cu cusutura de racordare la barele necoxoxiale Ø>20, cont. C28/83.

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

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANTAT DE UNIUNEA EUROPEANA
EUROPEAN UNION FINANCED P

CFR

CLIENT / CLIENT — **C.N.C.F. "C.F.R." - S.A.**

IMPREGILO S.p.A. Milano, Piazza Grandi Lavori, 20124 — Joint Venture leader
Salini Costruttori S.p.A. Roma, Via Dei Giornalisti, 132 — Joint Venture leader
OBERMEYER PLANEN + BERATEN GmbH
TECNIC Consulting Engineers

CONSULTANT / CONSULTANT

			Data Date	Semnătură Signature
Aprobat Approved	Şef proiect Project Manager	R. Liuzza	03.2012	
Aprobat Approved	Coordonator Sectiune 1 Section 1 Coordinator	C. Gambelli	03.2012	
Verificat Checked	Expert Oseta Checking Expert	V. Kalitkorodnis	03.2012	

SUBCONTRACTANT / SUBCONTRACTOR AreX

Aprobat Approved	Responsabil Subcontractori Subcontractors Responsible	A.Stanciu - Dinulescu	05.2012	
Întocmit Elaborated	Proiectant Designer	Maria Campan	05.2012	

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

Proiect/Project
2004RO16PPA003

FAZA / Phase:
D.E. / E.D.

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

POD / BRIDGE Km 265+233.972 D=35.00m
Plan armare radier
Plan for raft reinforcement

Codificare / Codification System																Nr. / Nr. 01 / 01
																LOT / LOT
E	A	5	1	0	1	E	1	6	B	C	P	V	0	3	8	2	0	0	7	0

297x1560