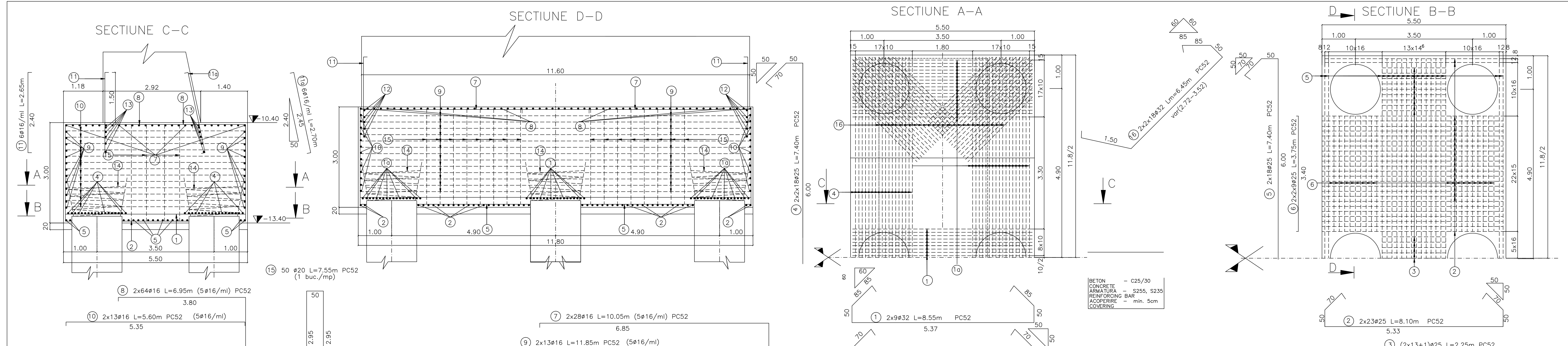

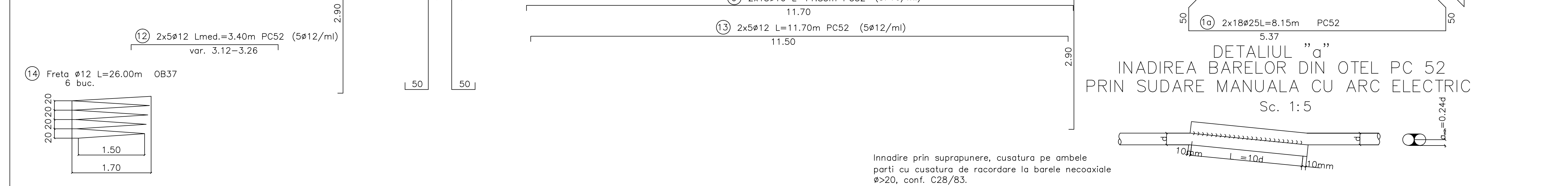

MASURATOAREA OTELULUI BETON NECESAR PENTRU ARMAREA RADIERULUI

Marca	Diametrul	Bucati asemenea	Partiale	Lungimi Totale: OB 37 S 255 ø12	PC 52 S 355 ø12	PC 52 S 345 ø16	PC 52 S 345 ø20	PC 52 S 345 ø25	PC 52 S 335 ø32
1	32	18	8.55						153.90
1a	25	36	8.15					293.40	
2	25	43	8.10					348.30	
3	25	27	2.25					60.75	
4	25	72	7.40					532.80	
5	25	36	7.40					266.40	
6	25	36	3.75					135.00	
7	16	56	10.05			562.80			
8	16	128	6.95			889.60			
9	16	26	11.85			308.10			
10	16	26	5.60			145.60			
11	16	105	2.65			278.25			
11a	16	70	2.70			189.00			
12	12	10	3.40		34.00				
13	12	10	11.70		117.00				
14	12	6	26.00	156.00					
15	20	65	7.55				490.75		
16	32	72	6.45						464.40
Lungimi pe diametru				156.00	151.00	2373.35	490.75	1636.65	618.30
Greutate pe ml.				0.888	0.888	1.578	2.470	3.853	6.313
Greutate pe diam.				139	135	3746	1213	6307	3904
Total pe calitate				139	15305				
TOTAL				15444					
Sudura 2%.(kg)				309					
Pierderi 5%.(kg)				773					
GREUTATE TOTALA(kg)				16526					

PENTRU 2 RADIERE: 2x16526 kg =33052 kg

NOTA

1.Prezentul plan s-a intocmit in conformitate cu planul de cofraj EA5101E11BBPV02120041, EA5101E11BCPV02100180.
2.Innadirea barelor prin sudura, se va face in conformitate cu ,,Normativul C28-83''.
3.Armarea coloanelor este cuprinsa in planul EA5101E11BCPV02120200.
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 asa 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 EA5101E11BBPV02120041, EA5101E11BCPV002100180.
2.The bars will be joined by welding according to "Norm C28 – 83".
3.The column reinforcing can be found in drawing EA5101E11BCPV02120200. 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.

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 FINANȚAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

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

ITALFERR GRUPPO FERROVIE DELLO STATO Joint Venture leader

Scott Wilson

OBERMEYER PLANEN + BERATEN GmbH

TECNIC Consulting Engineers

CONSULTANT / CONSULTANT

			Data Date	Semnătură Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Expert Cheie Checking Expert	V. Kallidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

AREX Lider COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A.Stanciu - Dinulescu	03.2012	
Întocmit Elaborated	Proiectant Designer	Olar Mihai	03.2012	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h, Tronsonul : Braşov - Sighişoara

Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Braşov - Sighişoara

Proiect/Project 2004/RO/16/P/PA/003

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

Denumire desen / Drawing Title :

Viaduct km. 220+762.028 D=2x55.00+80.00+55.00+11.70+2x18.00m
Plan armare radier culee Sighisoara
Bridge km. 220+762.028 D=2x55.00+80.00+55.00+11.70+2x18.00m
Plan for Sighisoara abutements raft reinforcement

Codificare / Codification System	Scara / Scale 1:50	LOT / LOT	Nr. / No 01 / 01

EA51 01 E 11 BC PV 02 1 2 022 0

297x1300