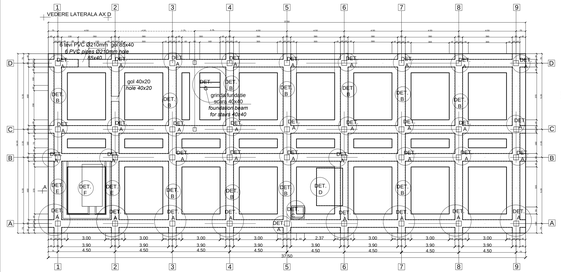

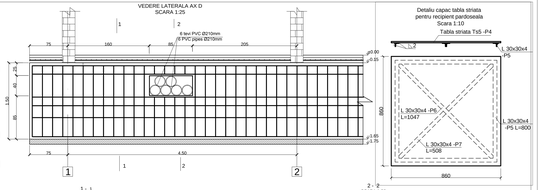

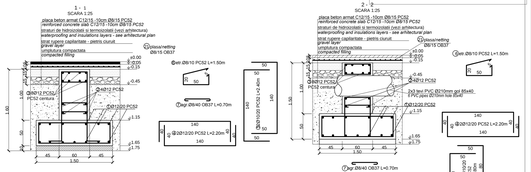

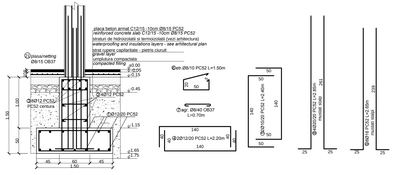

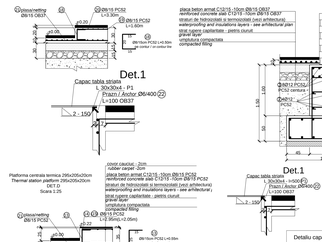

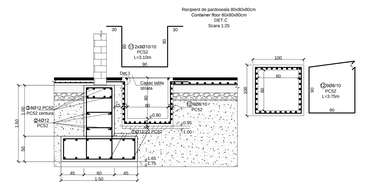

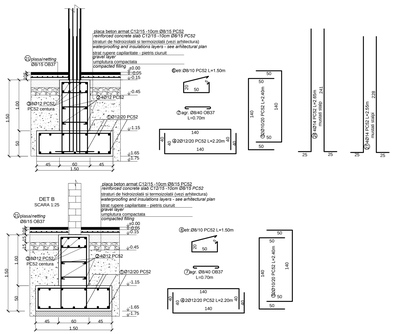

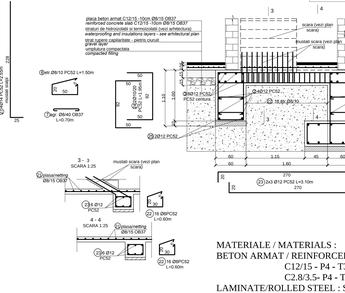

MATERIALE / MATERIALS :
BETON ARMAT / REINFORCED CONCRETE :
C12/15 - P4 - T3 - IIA - SR32.5;
C2.8/3.5- P4 - T3 - IIA - SR32.5;
LAMINATE/ROLLED STEEL : S235J2G3 (OL37)
OTEL BETON/ REINFORCEMENT :PC52,OB37;

EXTRAS DE ARMARE

MARCA	D	Nr. buc	Lungime	TIP ARMATURA OB37 8	PC52 8	10	12	14	16	20
1	12	13	gotear				4268.0			
2	12	5	gotear				1344.0			
3	12	13	gotear				2688.0			
4	12	280	2.40				7392.0			
5	8	1440	0.50		864.0					
6	8	5410	0.30		1715.0					
7	8	1760	0.70	1180.0						
8	20	144	2.80							415.4
9	16	48	2.80						763.2	
10	16	16	5.40				18.0			
11	16	18	5.70				30.8			
12	8	8	3.70	19.8						
13	8	67	0.55	36.9						
14	8	67	0.90	60.3						
15	8	16	2.95	47.2						
16	10	10	1.70				17.0			
17	16	6	18.00				108.0			
18	8	96	0.55	52.8						
19	8	96	0.90	86.4						
20	8	71	1.60	113.6						
21	8		7420.00							
22	8	18	0.60							
23	16	8	3.10					25.0		
24	12	48	1.90						91.2	
25	12	2	8.20						16.4	
26	16	4	2.60					10.4		
27	16	4	2.55					10.2		
Total lungime				8610.0	2579.4	8208.0	10792.0	35.6	763.2	415.4
kg / m				0.395	0.395	0.617	0.888	1.208	1.577	2.466
kg / t				3399	1018	5067	14586	43	1204	1023.8
TOTAL				3382			23401			

EXTRAS LAMINATE

Poziția Alveolar	Denumirea Profilului	Greutatea kg/m	Lățime mm	Lungime mm	Greutatea kg	Nr. Buc	Nr. Piese	Nr. Total Piese	Totala kg
P1	75x75x6	6.9	75	75	0.42	4	2	8	3.36
P2	75x75x6	6.9	75	160	0.90	4	2	8	7.20
P3	75x75x6	6.9	75	305	1.72	4	2	8	13.76
P4	100x100x8	12.1	100	160	1.92	4	2	8	15.36
P5	100x100x8	12.1	100	305	3.66	4	2	8	29.28
P6	100x100x8	12.1	100	1047	12.67	4	2	8	101.36
P7	100x100x8	12.1	100	908	10.99	4	2	8	87.92
TOTAL GREUTATE TABLA STRIATA NETRUNCHIATA NETA (kg)								52	258.24
GREUTATE ELECTRODE PE SUDURA 2% (kg)								2%	5.16
GREUTATE grund 0.4% (kg)									1.04
TOTAL GENERAL (kg)									264

D					
C					
B					
A					
Indice Index	Data Date	Modificare Modification	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFF Approved CFF

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

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

CONSULTANT / CONSULTANT

			Data Date	Semnătura Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza	12.2011	
Aprobat Approved	Coordonator Designer Design Coordinator	C. Gambelli	12.2011	
Verificat Checked	Verificator Verifier	Giuseppe Fioravanti	12.2011	

SUBCONTRACTANT / SUBCONTRACTOR

Aprobat Approved	Responsabil Subcontractor Subcontractor Responsible	A.Stanciu - Dendrotec	12.2011	
Întocmit Elaborated	Proiectant Designer	Georgiana Georgescu	12.2011	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h.
Secțiunea / Section : Brașov - Sighișoara
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
BRAMS/SIMFER-2005

Denumire desen / Drawing Title

CLADIREA STATIEI RACOS DETALII ARMARE FUNDATII
RACOS RAILWAY STATION BUILDING FOUNDATION REINFORCEMENT DETAILS

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

Codificare / Codification System: E A 5 1 | 0 1 | 0 | 1 1 | 0 2 | C C | 0 0 | 0 | 1 | 0 1 4 | 1

Scara / Scale: 1 : 25 | LGT / LGT | Nr / No: 01-14