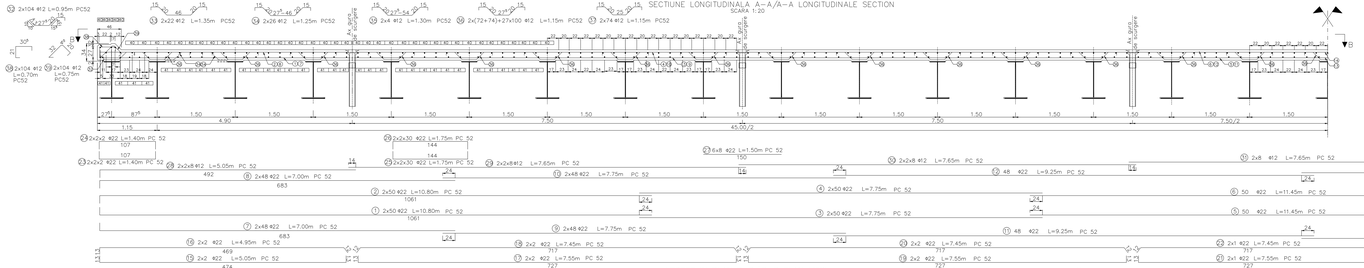
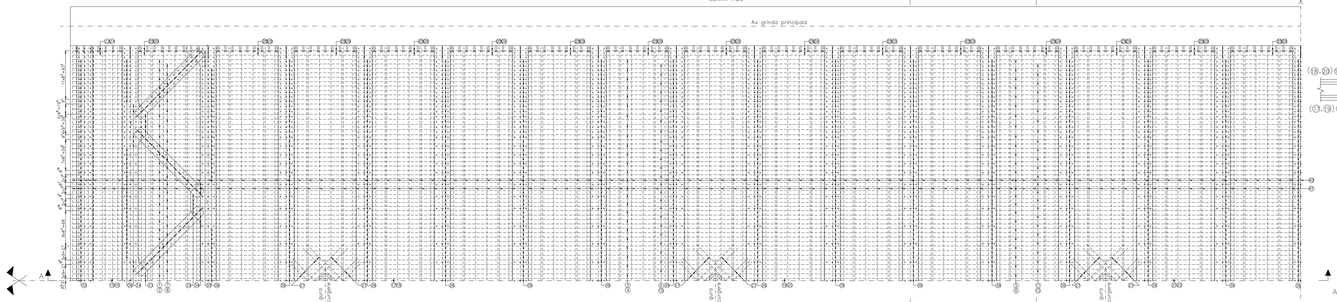
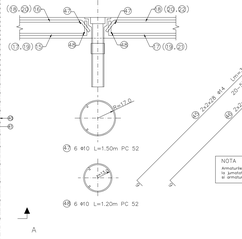
SECTIUNE LONGITUDINALA A–A/A–A LONGITUDINALE SECTION
SCARA 1:20



VEDERE IN PLAN B–B/B–B PLAN VIEW
SCARA 1:20



DETALIU GURA DE SCURGERE
SCARA 1:10

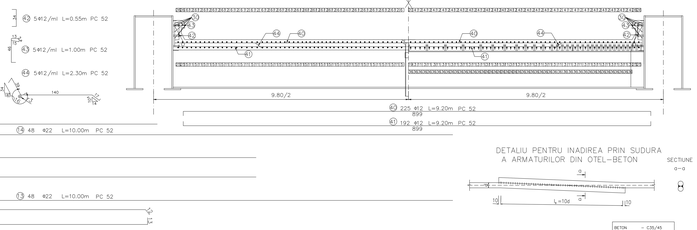


NOTA
Armatura, marca ⑤ si marca ⑥ vor fi dispuse suplimentar deasupra deliei armaturii superioare a armaturii inferioare, conform detaliului alaturat.

SECTIUNE TRANSVERSALA
CROSS SECTION
SCARA 1:20

IN CAMP C–C
C–C IN FIELD

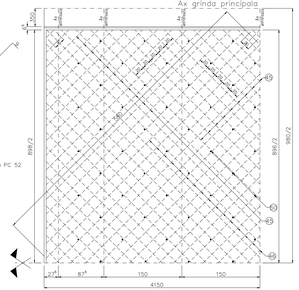
PE ANTRETOAZA D–D
D–D ON CROSS BARS



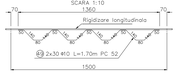
DETALIU PENTRU INADIREA PRIN SUDURA A ARMATURILOR DIN OTEL–BETON
SECTIUNE a–a

BETON CONCRETE	C35/45
ARMATURA REINFORCING BAR	22CrB, S235
ACOPERIRE COVERING	4cm

ARMAREA ZONEI DE CAPAT A CUVEI DE BALAST (ARMATURA MEDIANA)
SCARA 1:20



DETALIU DE ANCORARE PENTRU RIGIDIZARILE ORIZONTALE
SCARA 1:10



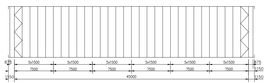
NOTA
1. Prezentul plan este conform cu conformitatea cu dispozitiile generale EA301/00SBRPVI00/30001 si planul general de cofraj EA301/00SBRPVI00/30150.
2. Armatura longitudinala se va innoda prin sudura conform Instructiunilor tehnice.
3. Gurile de scurgere si gaotor se vor monta inainte de turnarea betonului.
4. Sudarea armaturilor se va executa conform "Instructiunilor tehnice" C28–1983.

NOTE
The plan here shown up according to the General Layout EA301/00SBRPVI00/30001 and the drainage plan EA301/00SBRPVI00/30150.
1. The longitudinal reinforcing bars shall be bound by welding according to the detail in the plan.
2. The water discharge holes will be mounted before pouring the concrete.
4. The reinforcing bars shall be welded complying with the "Technical Instructions" C28/1983.

MASURATOAREA ARMATURII
MEASURING OF THE REQUIRED REINFORCEMENTS

Marca Mark	Lungime Length (m)	Numar Number	PC 52			
			S 215		S 235	
			Ø10	Ø12	Ø14	Ø22
1/Ø22	100	32.80				1080.00
2/Ø22	100	32.80				1080.00
3/Ø22	100	7.75				775.00
4/Ø22	100	7.75				775.00
5/Ø12	50	11.45				572.50
6/Ø12	50	11.45				572.50
7/Ø22	48	7.00				336.00
8/Ø22	96	7.00				672.00
9/Ø22	48	7.75				372.00
10/Ø22	48	7.75				372.00
11/Ø22	48	9.25				444.00
12/Ø22	48	9.25				444.00
13/Ø22	48	10.00				480.00
14/Ø22	48	10.00				480.00
15/Ø22	4	9.05				36.20
16/Ø22	4	9.05				36.20
17/Ø22	4	7.45				29.80
18/Ø22	4	7.45				29.80
19/Ø22	4	7.55				30.20
20/Ø22	4	7.55				30.20
21/Ø22	4	7.45				29.80
22/Ø22	4	7.45				29.80
23/Ø22	2	7.45				14.90
24/Ø22	2	7.45				14.90
25/Ø22	2	7.75				15.50
26/Ø22	2	7.75				15.50
27/Ø22	48	1.50				72.00
28/Ø22	48	1.50				72.00
29/Ø22	32	7.65	181.60			
30/Ø22	32	7.65	244.80			
31/Ø22	32	7.65	244.80			
32/Ø22	32	7.65	244.80			
33/Ø22	64	1.35	86.40			
34/Ø22	64	1.35	86.40			
35/Ø22	8	1.35	10.80			
36/Ø22	8	1.35	10.80			
37/Ø22	118	1.15	135.70			
38/Ø22	118	1.15	135.70			
39/Ø22	238	0.70	166.60			
40/Ø22	238	0.70	166.60			
41/Ø22	238	0.35	83.30			
42/Ø22	238	0.35	83.30			
43/Ø22	192	9.20	1766.40			
44/Ø22	192	9.20	1766.40			
45/Ø22	174	1.00	174.00			
46/Ø22	174	1.00	174.00			
47/Ø22	116	2.00	232.00	131.20		
48/Ø22	72	6.00		432.00		
49/Ø22	4	6.00	9.00			
50/Ø22	4	6.00	9.00			
51/Ø10	60	1.70	102.00			
52/Ø10	1500	0.25	375.00			
LUNGIME TOTAL (m)			10418.00	563.20	0.00	0.00
GREUTATE TOTALA (kg)			6510.63	1126.40	0.00	0.00
GREUTATE DE BAZA (kg)			6510.63	1126.40	0.00	0.00
TOTAL PE GRADE (kg)			9149.20	9149.20		
Greutate specifica Weight/diameter	(kg/m)		4.930.00			
Greutate specifica Weight/diameter	(kg/m)		2.000 kg			
TOTAL GENERAL			43707 kg			

SCHEMA DE DISTRIBUTIE A ARMATURILOR DE REZISTENTA IN LUNGUL CUVEI
SCARA 1:200



Se interdice copierea, difuzarea, imprumutarea sau utilizarea in alte scopuri, fara permisiunea firmei Liebherr Romania sau proprietar al desenului.
This drawing is forbidden to be copied, lent or used in other purposes than those previously approved by Rena Liebherr Company or its owner.

Rev.	Data Date	Modificare Modification	Proiectat Designed	Verificat Checked	Aprobat CHR Approved CHR
0					
0					
0					

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANTAT DE GUVERNUL ROMANIEI SI UNIUNEA EUROPEANA
EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

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

ZALKOR
ZALKOR MONTAJ SRL
JOINT VENTURE PARTNER

OBERMEYER
OBERMEYER INTERNATIONAL

TECHNIC
Consulting Engineers

CONSILIANT / CONSULTANT

			Semnat Signed
Director general / Director general	Ing. Liviu Ionescu		
Director general adjunct / Director general adjunct	Ing. Ion Ionescu		
Director Proiectare / Director Design	Ing. Cezar Ionescu		
Verificator de proiect / Design Checker	Ing. Ion Ionescu		
Coordonator proiectare / Design Coordinator	Ing. Victor Ionescu		
Expertizare / Expertise	Ing. Victor Ionescu		

SUBCONTRACTANT / SUBCONTRACTOR

Director Proiectare / Design Director	A.Manolo - Dinulescu	08.2012		
Verificator de proiect / Design Checker	Maria Cernaianu	08.2012		

Proiectul / Project
Drum feroviar public
Public railway road

Reabilitarea liniei de cale ferata Oravita – Simeria, parte componenta a coridorului IV Paneuropean – Secteurul Simeria – Sibiu, etapa I, lucrari de consolidare la km 144+000, km 150+000 si km 150+500, Simeria – Sibiu
Rehabilitation of the railway line Oravita – Simeria, component Part of the IV Pan-European Corridor, for the km 144+000, km 150+000 and km 150+500, Simeria – Sibiu
Beneficiar / Beneficiary: CNCF "CFR" SA

Faza / Phase
S.E. / E.D.

Denumire desen / Drawing Title

Pod km. 200+477,804 D=40.00m
Plan cofraj dala
Bridge km 200+477,804 D=40.00m
Slab reinforcement plans

Cod fisier / Cod desen	Scara / Scale	Data / Date	Ref. / Ref.	Nr. / No.
EA301/00SBRPVI00/30200	1:20			

Coordonare / Coordination System

EA301 01 B 24 00 PV 00 30 3 S 01B 0