

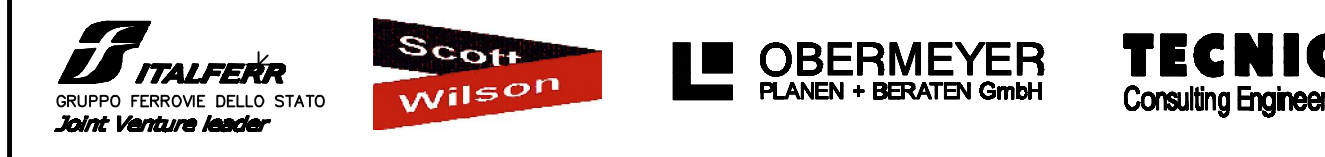
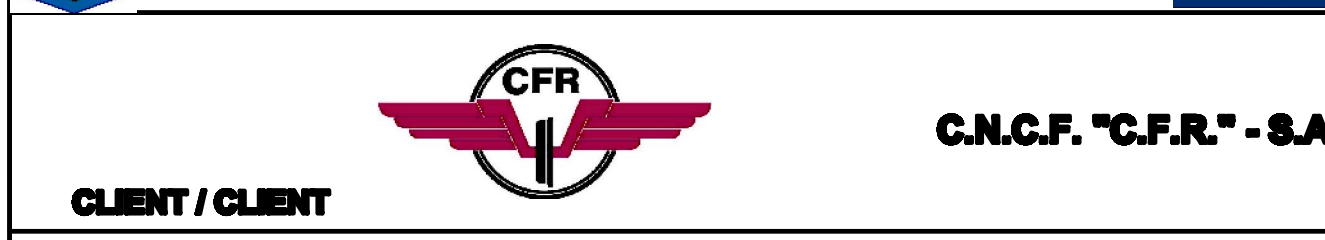
### MASURATOAREA OTELULUI BETON NECESAR PENTRU ARMAREA RADIERULUI

Marca	Diametrul	Bucsi / Bsmenea	Lungimi Totale					
			Partiale	PC 52				
			S 255	S 355	S 345	S 335		
			Ø12	Ø12	Ø16	Ø20	Ø25	Ø32
1	25	36	8.15				293.40	
2	25	20	8.10				162.00	
3	25	18	2.25				40.5	
4	25	36	8.65				311.40	
5	25	18	8.60				154.80	
6	25	18	2.65				47.70	
7	16	58	7.10		411.80			
8	16	62	8.90		551.80			
9	16	30	6.10		183.00			
10	16	30	5.60		168.00			
11	16	74	2.65		196.10			
11a	16	35	2.75		96.25			
12	12	10	3.50	35.00				
13	12	10	5.80	58.00				
14	12	4	26.00	104.00				
15	20	30	8.55		256.50			
16	32	72	6.45				464.40	
Lungimi pe diametru			104.00	93.00	1606.95	256.50	1009.80	464.40
Greutate pe ml.			0.888	0.888	1.578	2.470	3.853	6.313
Greutate pe diam.			93	83	2536	634	3891	2932
Total pe calitate			93		10076			
TOTAL					10169			
Sudura 2%(kg)					204			
Pierderi 5%(kg)					509			
GREUTATE TOTALA(kg)					10900			

PENTRU 2 RADIERE: 2x10900 kg =21800 kg

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D	C	B	A
Indice	Date	Modificari	Proiectant
Index	Date	Modification/Revision	Designer
			Approved Consultant
			Approved CFR



CONSULTANT / CONSULTANT		Date	Semnatura
Aprobat	Şef proiect	R. Liuzza	03.2012
Aprobat	Coordonator Sectiune 1	C. Gambelli	03.2012
Verificat	Expert Cheie	V. Kallidromitis	03.2012
Elaborat	Proiectant		

SUBCONTRACTANT / SUBCONTRACTOR		Date	Semnatura
Aprobat	Responsabil Subcontractant	A.Stanciu - Dinulescu	03.2012
Elaborat	Proiectant	Totan Ciprian	03.2012

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteză 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

**Derumire desen / Drawing Title :** INTERVAL/SECTION ARCHITA-VANATORI  
 Pod Km 270+262.472 D=18.00m+45.00m+18.00m  
 Plan armare radiera cului cale simple  
 Bridge Km 270+262.472 D=18.00m+45.00m+18.00m  
 Plan for simple railroad abutments foundations reinforcement

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr. / No
EA51 01 E 16 BC PV 04 2 2 025 0	1:50		01 / 01

### NOTA

- Prezentul plan s-a intocmit in conformitate cu planul de cofraj EA5101E16BBPV04220031, EA5101E16BBPV04220041.
- Armarea coloanelor este cuprinsa in planul EA5101E16BCPV04220230.
- Betonul din radier se va turna prin pompare.
- La punerea in opera a betonului turnat prin pompare se vor lua toate masurile:
  - 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:

- This drawing was drawn up according to the shuttering plan EA5101E16BBPV04220031, EA5101E16BBPV04220041.
- The column reinforcement can be found in drawing EA5101E16BCPV04220230.
- The concrete in the raft will be cast by pumping.
- 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.