



Beton armat/Reinforced concrete: - C35/45 bancheta/bench
 - C25/30 elevatie/elevation
 Armatura / reinforcement: -S355 (PC 52; #10-#14)
 -S345 (PC 52; #16)
 -S345, S335
 Strat de acoperire/concrete cover - min. 4cm expunere in aer/air exposed

NOTA/NOTE
 Pentru mentinerea pozitiei corecte in timpul betonarii, se vor monta distanterii minim 4buc./m². Distanterii trebuie legati cu sarma de carcasa de armatura.
 In order to maintain the correct position during concreting, minimum 4pcs./m² distance pieces shall be mounted. The distance pieces shall be connected to the reinforcing framework, using wire.

NOTA
 Prezentul plan s-a intocmit in conformitate cu dispozitia generala EA5101C14PAPV03100021 si planul planului de cofraj EA5101E14BBPV03120041, EA5101E13BBPV03120061
 NOTE
 This plan was drawn up according to the General Layout EA5101C14PAPV03100021 and Shuttering Plan EA5101E14BBPV03120041, EA5101E13BBPV03120061

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EXTRAS DE ARMATURA PENTRU O PILA REINFORCEMENT FOR ONE CELL

MARCA	DIAM.	NR.BUC.	L/BUCL.	LUNGIMI PE DIAMETRU PC 52					
				S 355	#12	#14	#16	#22	S 335
1	16	84	2.05	-	-	-	172.00	-	-
2	16	52	2.90	-	-	-	150.80	-	-
3	10	40	6.95	278.00	-	-	-	-	-
4	10	64	5.20	332.80	-	-	-	-	-
5	10	48	1.50	72.00	-	-	-	-	-
6	12	180	4.35	-	624.66	-	-	-	-
7	12	288	2.65	-	763.20	-	-	-	-
8	10	48	2.30	110.40	-	-	-	-	-
9	22	8	8.80	-	-	-	-	70.40	-
9a	22	28	6.95	-	-	-	-	194.60	-
10	22	2	6.55	-	-	-	-	13.10	-
10a	12	12	6.40	-	76.80	-	-	-	-
10b	12	2	5.95	-	11.90	-	-	-	-
10c	12	2	5.50	-	11.00	-	-	-	-
10d	22	2	5.20	-	-	-	-	10.40	-
11	12	16	8.65	-	95.15	-	-	-	-
12	12	12	6.50	-	78.00	-	-	-	-
12a	12	4	6.10	-	24.40	-	-	-	-
12b	12	4	5.45	-	21.80	-	-	-	-
12c	12	12	4.15	-	49.80	-	-	-	-
13	12	12	4.85	-	58.20	-	-	-	-
14	12	14	6.75	-	94.50	-	-	-	-
15	12	21	7.70	-	161.70	-	-	-	-
16	10	20	3.15	63.00	-	-	-	-	-
17	10	16	0.75	12.00	-	-	-	-	-
18	10	18	0.85	15.30	-	-	-	-	-
19	32	4	2.80	-	-	-	-	-	11.20
20	14	76	6.65	-	505.40	-	-	-	-
21	14	82	8.10	-	664.20	-	-	-	-
22	14	82	6.25	-	512.50	-	-	-	-
LUNGIMI PE DIAMETRE (m)				892.50	2071.11	1682.10	322.80	288.50	11.20
GREUTATI PE M.L. (kg/ml)				0.62	0.89	1.21	1.58	2.984	6.313
GREUTATI PE DIAMETRE(kg/buc)				553.35	1843.30	2035.40	510.00	860.90	70.70
TOTAL				5873.65					
PIERDERI 5% (kg)				293.70					
TOTAL (kg)				6200					

TOTAL: 3 PILE x 6200kg = 18600kg
 TOTAL: 3 CELLS x 6200kg = 18600kg

D					
C					
B					
A					
Index	Date	Modification	Projector	Approved Consultant	Approved CFR
GUVERNUL ROMANIEI ROMANIAN GOVERNMENT		PROIECT FINANȚAT DE UNIUNEA EUROPEA EUROPEAN UNION FINANCED BY			
CFR		C.N.C.F. "C.F.R." - S.A.			
CLIENT / CLIENT		CONSULTANT / CONSULTANT			
ITALFER		TECNIC			
OBERMEYER		CONSULTING ENGINEERS			
CONSULTANT / CONSULTANT		Date		Signature	
Approved		Project manager		R. Luiza	
Approved		Coordinator Section 1		C. Gambell	
Verified		Expert Check		V. Kallidromitis	
SUBCONTRACTOR / SUBCONTRACTOR		Date		Signature	
Approved		Subcontractor Responsible		A.Stancu - Dinulescu	
Approved		Subcontractor Designer		Marius Campen	
Reabilitarea liniei de cale ferata Braşov - Simeria, parte component 8 a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h, Tronsoanel: Braşov - Sighişoara		2024/01/16		Project/Project	
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		2024/01/16		Faza / Phase: P.Th. / T.D. D.E./E.D.	
Denumire desen / Drawing Title: INTERVAL / SECTION CATA-ARCHITA					
Viaduct Km 252+525.747 - D= 4x30.00m					
PLAN ARMARE PILE / REINFORCEMENT PLAN CELLS					
Codificare / Codification System		Scara / Scale		Lot / Lot	
EA51		1:2		1/1	
01		E		14	
BC		P.V		03	
1		2		009	
0		0		0	