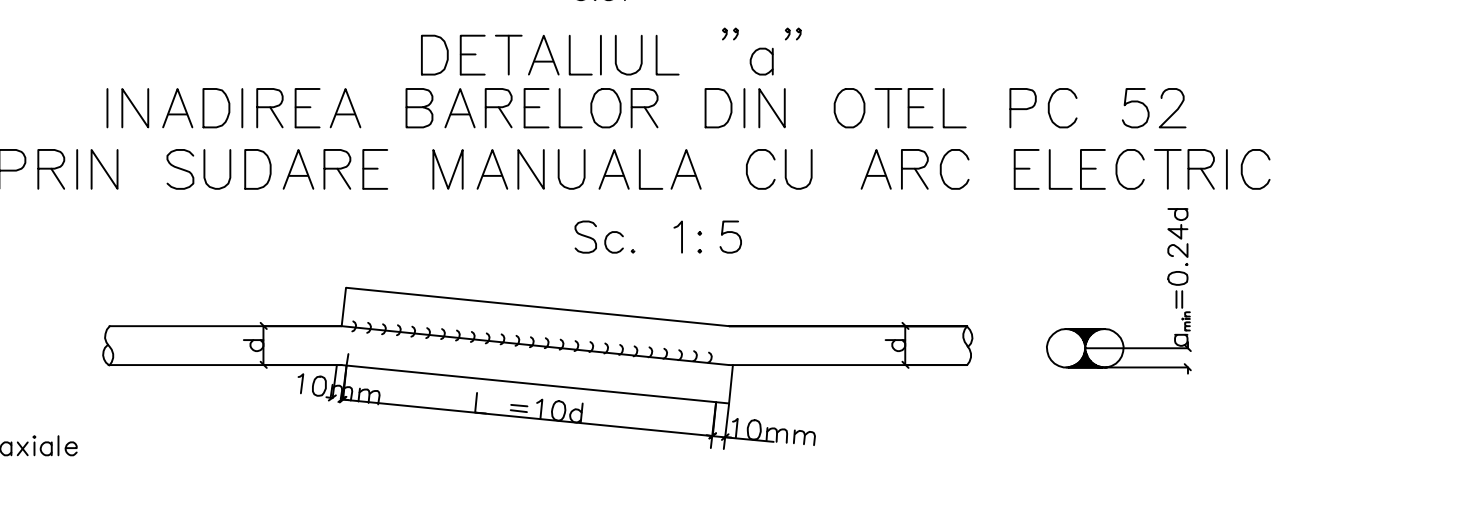


MASURATOAREA OTELULUI BETON NECESAR PENTRU ARMAREA RADIERULUI

Marca	Diametrul	Bucati asermeleg	Lungimi Totale			
			OB 37	S 255	S 355	S 345
			ø12	ø12	ø16	ø20
1	32	18	8.55			
1a	25	36	8.15			293.40
2	25	40	8.10			324.00
3	25	27	2.25			60.75
4	25	72	6.60			475.20
5	25	36	6.60			237.60
6	25	36	2.85			102.60
7	16	56	10.10		565.60	
8	16	104	7.45		774.80	
9	16	30	10.25		307.50	
10	16	30	5.60		168.00	
11	16	88	2.65		233.20	
11a	16	56	2.70		151.20	
12	12	10	3.40	34.00		
13	12	10	10.10	101.00		
14	12	6	26.00	156.00		
15	20	50	8.55		427.50	
16	32	72	6.45			464.40
Lungimi pe diametru			156.00	135.00	2200.30	1493.55
Greutate pe ml.			0.888	0.888	1.578	2.470
Greutate pe diam.			139	120	3473	1060
TOTAL			139		14313	14452
Sudura 2% (kg)					290	
Pierderi 5% (kg)					723	
GREUTATE TOTALA (kg)					15465	

PENTRU 2 RADIERE: 2x15465 kg =30930 kg



NOTA

- Prezentul plan s-a intocmit in conformitate cu planul de cofraj EA5101E16BBPV04220031, EA5101E16BCPV04220210.
- Innadiria barelor prin sudura, se va face in conformitate cu „Normativul C28-83”.
- 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 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:

- This drawing was drawn up according to the shuttering plan EA5101E16BBPV04220031, EA5101E16BCPV04220210.
- The bars will be joined by welding according to "Norm C28 - 83".
- The column reinforcing 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.

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D					
C					
B					
A					
Index	Date	Modificare	Proiectant	Aprobat Consultant	Aprobat CFR
		Modification/Revision	Designer	Approved Consultant	Approved CFR
GUVERNUL ROMANIEI ROMANIAN GOVERNMENT		PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT			
		<b>C.N.C.F. "C.F.R." - S.A.</b>			
CLIENT / CLIENT					
GRUPPO FERROVIE DELLO STATO Joint Venture leader		FLANEN + BERATEY GmbH		<b>TECNIC</b> Consulting Engineers	
CONSULTANT / CONSULTANT					
Aprobat	Set proiect				
Approved	Project manager				
Aprobat	Coordonator Sectiune 1				
Approved	Section 1 Coordinator				
Verificat	Expert Cheie				
Checked	Checking Expert				
SUBCONTRACTANT / SUBCONTRACTOR					
Aprobat	Responsabil Subcontractant				
Approved	Subcontractant Responsible				
Intocmit	Proiectant				
Elaborated	Designer				
Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteză maximă de 160 km/h, Tronsoanel : 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					
Denumire desen / Drawing Title : Acata - Vanatori Pod km. 270+262,470 D=18.00+45.00+18.00m Plan armare radier culisei calei duble Bridge km. 270+262,470 D=18.00+45.00+18.00m Plan for raft abutments reinforcement					
Codificare / Codification System		Scara / Scale		Nr. / No	
EA51 01 E 16 BC PV 04 2 2 024 0		1:50		01 / 01	