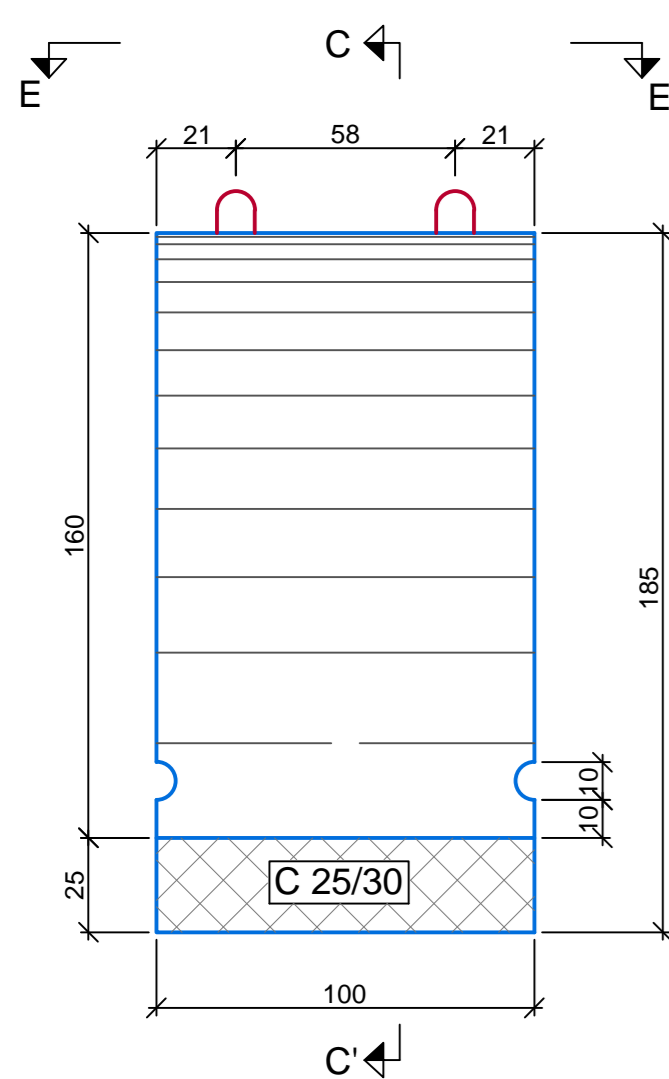
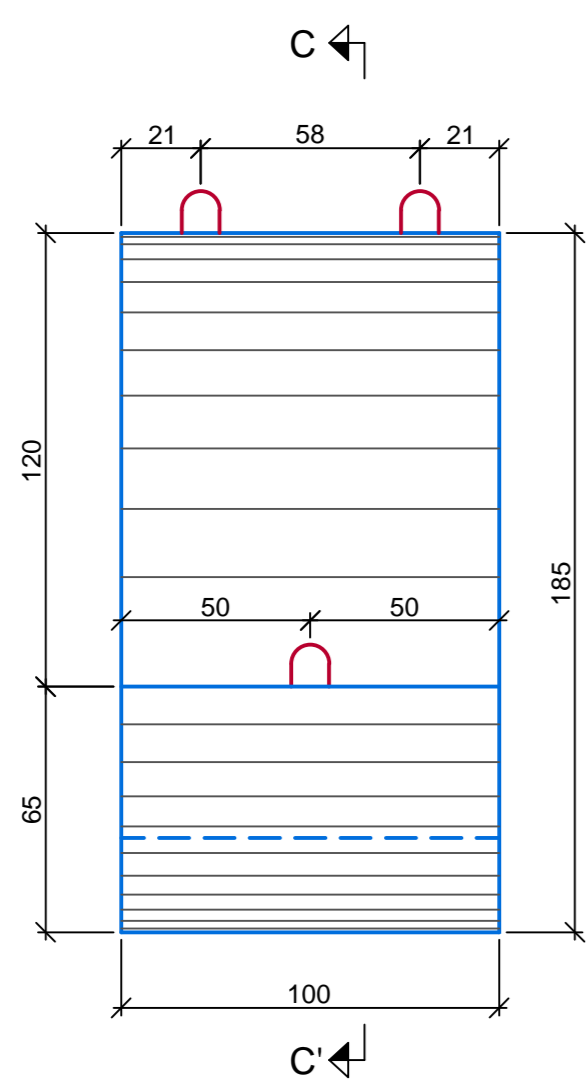


PLAN COFRAJ  
SHUTTERING PLAN

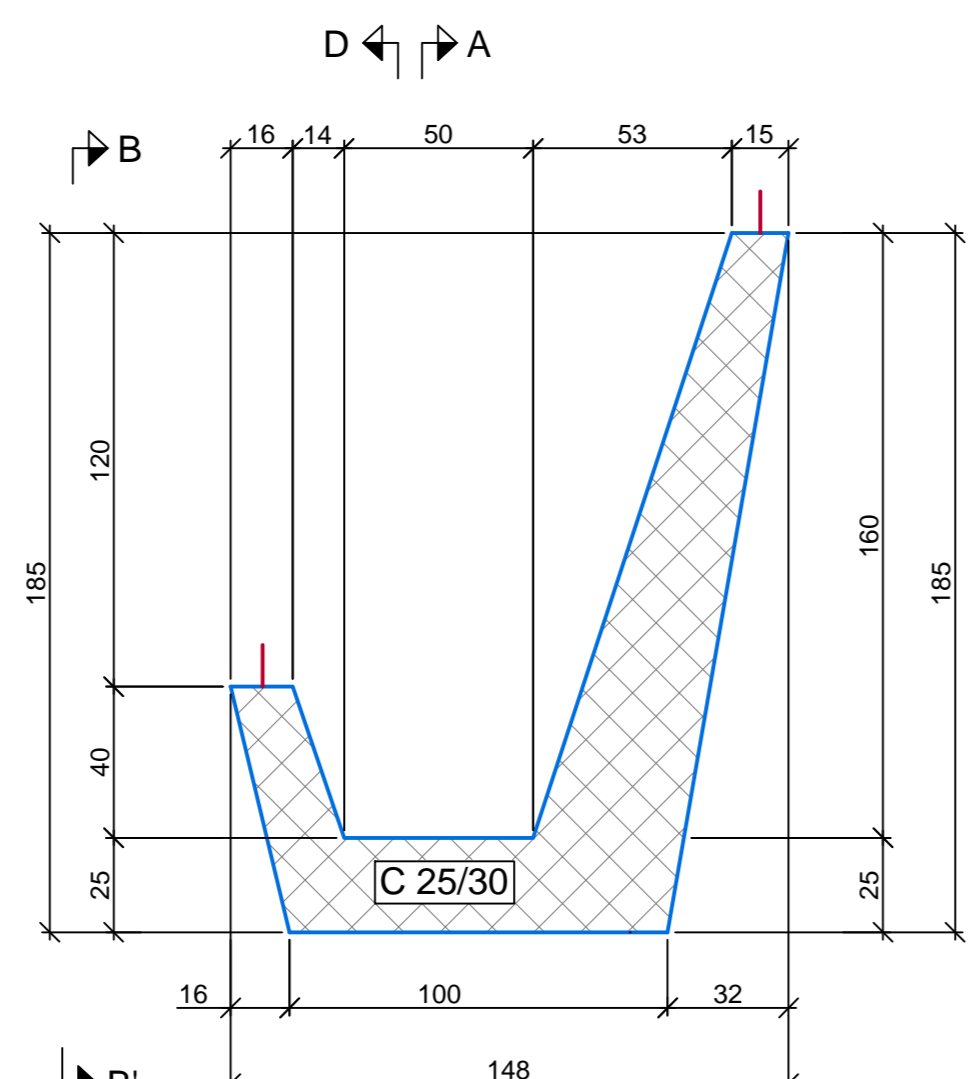
SECȚIUNE A - A'  
SECTION A - A'



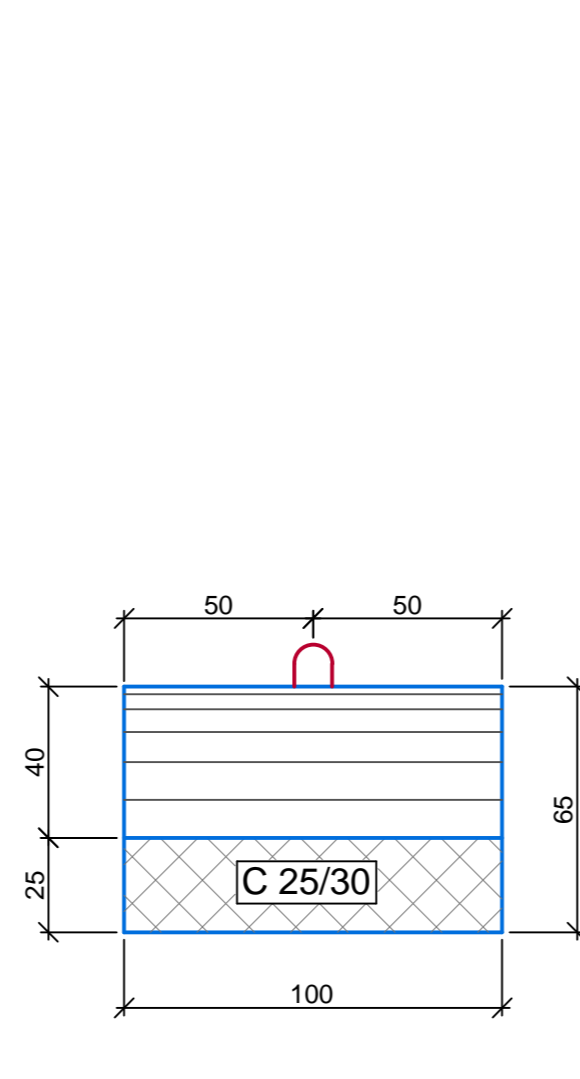
VEDERE B - B'  
VIEW B - B'



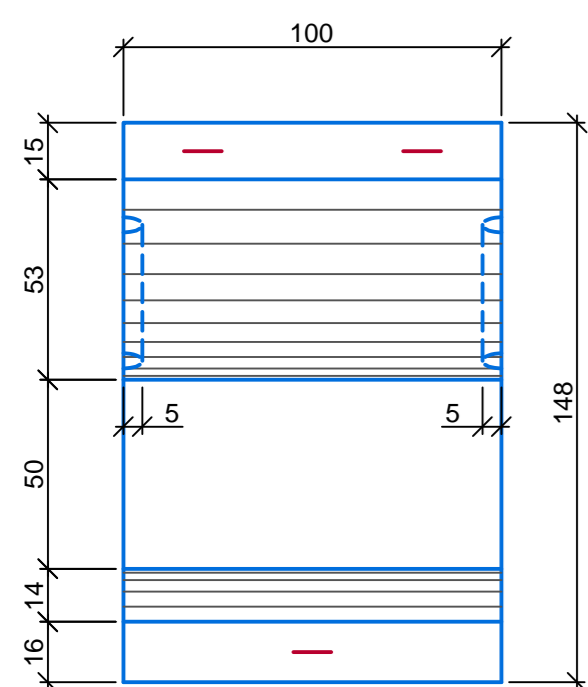
SECȚIUNE C - C'  
SECTION C - C'



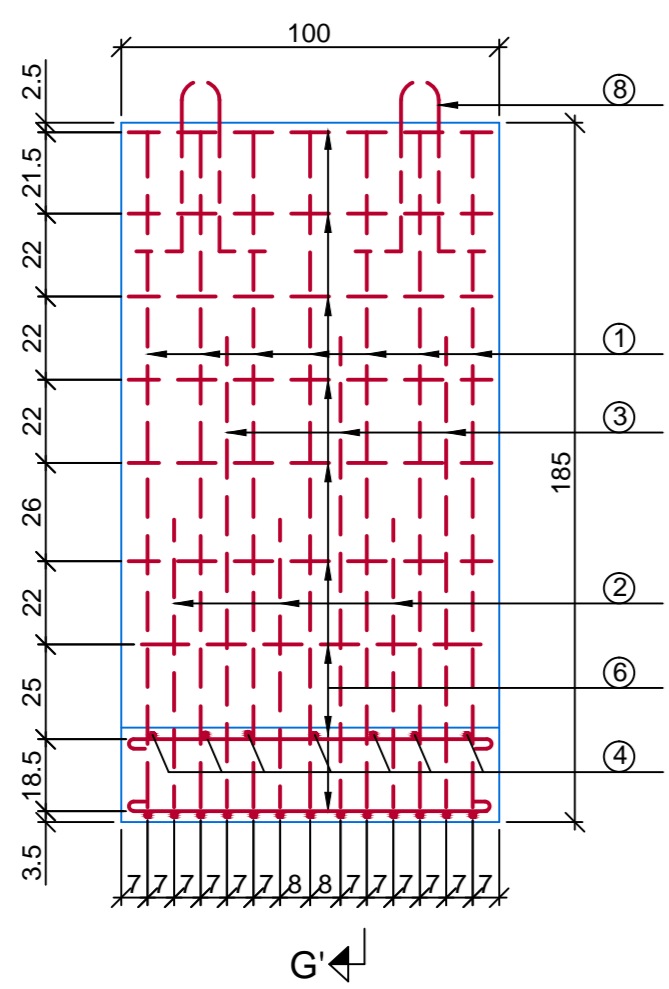
SECȚIUNE D - D'  
SECTION D - D'



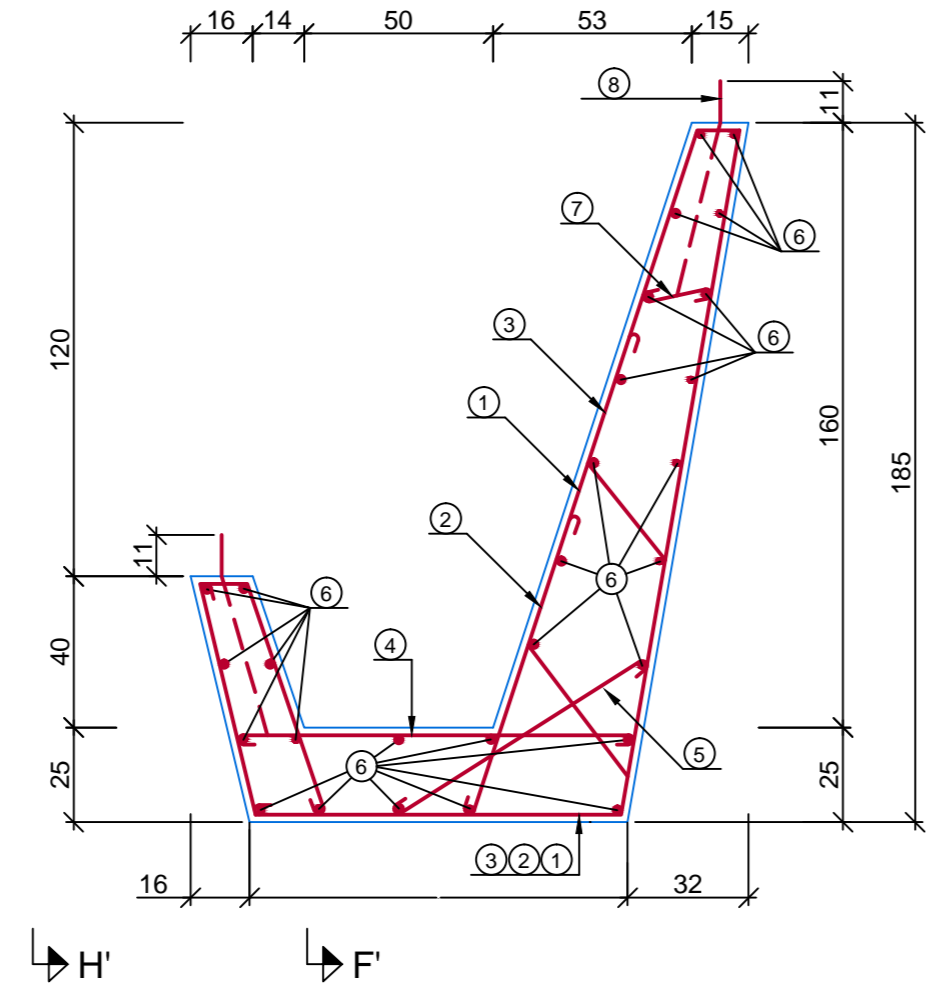
VEDERE E - E'  
VIEW E - E'



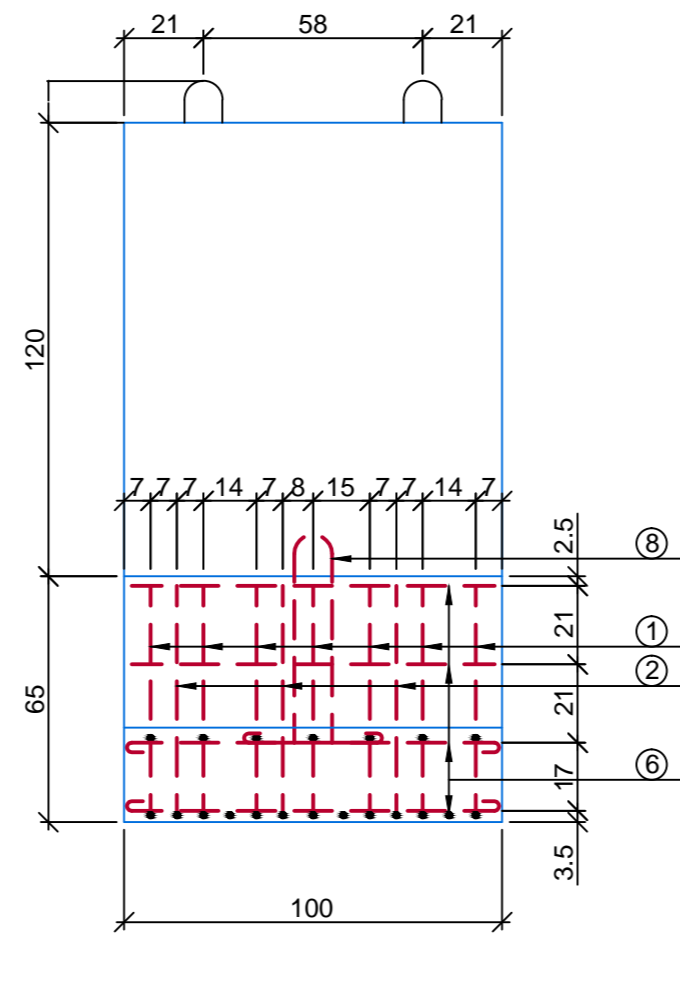
SECȚIUNE F - F'  
SECTION F - F'



SECȚIUNE G - G'  
SECTION G - G'



SECȚIUNE H - H'  
SECTION H - H'

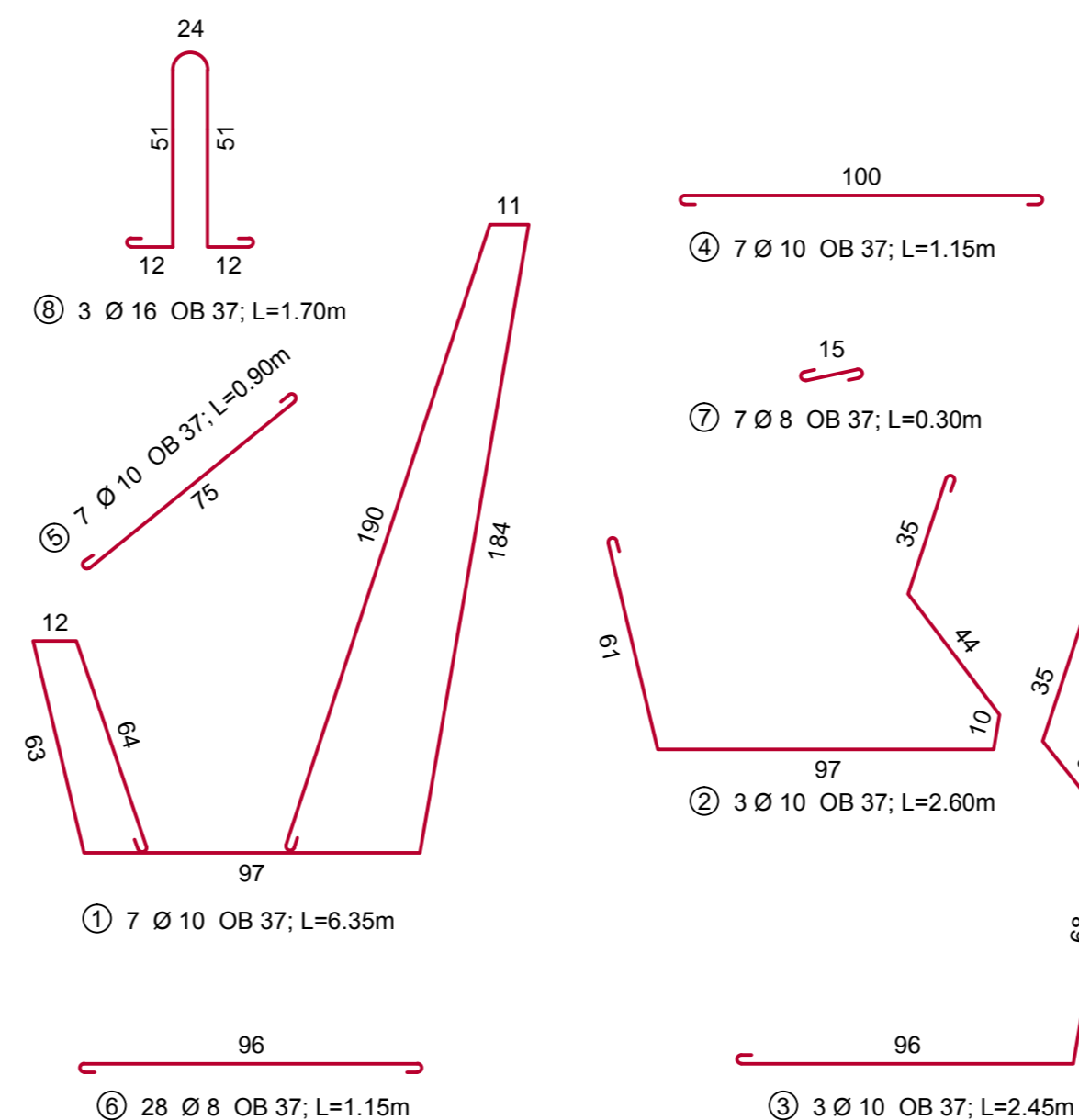


EXTRAS DE ARMATURA  
PENTRU UN TRONSON DE 1.00 ML  
LIST OF THE REINFORCING BARS  
FOR 1.00 LM SECTION

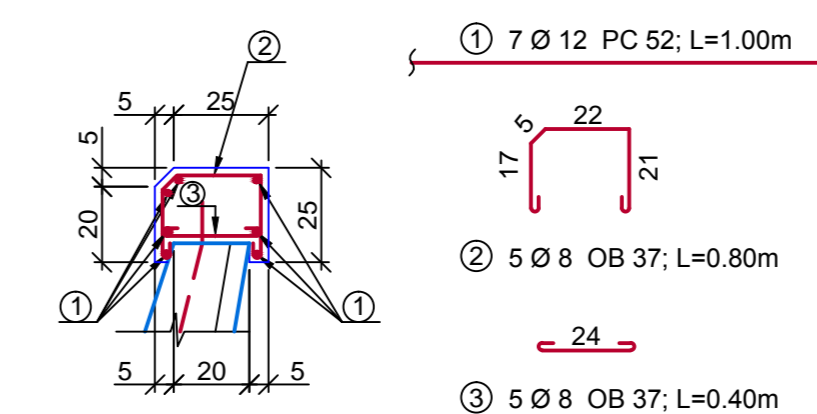
MARCA TYPE	Ø	BUC. PIECE	L/BUC L/PIECE	L/Ø		
				Ø 8	Ø 10	Ø 16
1	10	7	6.35	-	44.45	-
2	10	3	2.60	-	7.80	-
3	10	3	2.45	-	7.35	-
4	10	7	1.15	-	8.05	-
5	10	7	0.90	-	6.30	-
6	8	28	1.15	32.20	-	-
7	8	8	0.30	2.40	-	-
8	16	3	1.70	-	-	5.10
TOTAL LUNGIMI / Ø TOTAL LENGTHS / Ø				34.60	73.95	5.10
GREUTATE / Ø / M.L. WEIGHT / Ø / M.L.				0.395	0.617	1.578
TOTAL GREUTATI / Ø TOTAL WEIGHT / Ø				13.67	45.63	8.05
TOTAL GREUTATI TOTAL WEIGHT				67.4 kg		

Beton clasa / concrete class C 25/30 - S3 - P8 - G100 - EN 206-1 - CEM II/A-S 32,5N - 0/16  
Armături / Reinforcing bars OB 37  
Acoperire / Covering: 2.0 cm

Volum beton: 0.78 m<sup>3</sup> /tronso de 1.00 ml  
Concrete volume: 0.78 m<sup>3</sup> /1.00 lm section  
Greutate element: 2.0 t/buc  
Element weight: 2.0 t/pc



DETALII DE ARMARE CORONAMENT  
CROWN REINFORCING BARS DETAILS



EXTRAS DE ARMATURA  
PENTRU 1.00 ML CORONAMENT  
LIST OF THE REINFORCING BARS  
FOR 1.00 LM CROWN

MARCA TYPE	Ø	BUC. PIECE	L/BUC L/PIECE	L/Ø	
				Ø 8	Ø 12
1	12	7	1.00	-	7.00
2	8	5	0.80	4.00	-
3	8	5	0.40	2.00	-
TOTAL LUNGIMI / Ø TOTAL LENGTHS / Ø				6.00	7.00
GREUTATE / Ø / M.L. WEIGHT / Ø / M.L.				0.395	0.888
TOTAL GREUTATI / Ø TOTAL WEIGHT / Ø				2.37	6.22
TOTAL GREUTATI TOTAL WEIGHT				8.60 kg	

Beton clasa / concrete class C 25/30 - S3 - P8 - G100 - EN 206-1 - CEM II/A-S 32,5N - 0/16  
Armături / Reinforcing bars OB 37 și / and PC 52  
Acoperire / Covering: 2.0 cm

Volum beton: 0.065 m<sup>3</sup> /tronso de 1.00 ml  
Concrete volume: 0.065 m<sup>3</sup> / 1.00 lm section

4	4	4	4	4	4	4	4
1	2	1	3	1	2	1	3
1	2	1	3	1	2	1	3

4	4	4	4	4	4	4	4
1	2	1	3	1	2	1	3
1	2	1	3	1	2	1	3

D					
C					
B					
A					
Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR



CLIENT / CLIENT  
**C.N.C.F. "C.F.R." - S.A.**



CONSULTANT / CONSULTANT			Data Date	Semnătură Signature
Aprobat Approved	Șef proiect Project manager	R. Liuzza	dec. 2011	<i>[Signature]</i>
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli	dec. 2011	<i>[Signature]</i>
Verificat Checked	Expert Cheie Key Expert	A. Troiano	dec. 2011	<i>[Signature]</i>

SUBCONTRACTANT / SUBCONTRACTOR			Data Date	Semnătură Signature
Aprobat Approved	Responsabil Subcontractant Subcontractant Responsible	A. Stanciu - Dinulescu		<i>[Signature]</i>
Întocmit Elaborated	Proiectant Designer	S. Enache		

Reabilitarea liniei de cale ferată Brașov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteză maximă de 160 km/h,  
**Tronsoanel: Brașov - Sighișoara**  
Rehabilitation of the railway line Brașov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,  
**Section: Brașov - Sighișoara**

Denumire desen / Drawing Title :  
Șanț ranforsat prefabricat tip 2 / Prefabricated reinforced ditch type 2  
Plan cofraj și detalii de armare / Formwork plan and reinforcing bars details

Codificare / Codification System	Scara / Scale 1:20	LOT / LOT	Nr. / No 01 / 01
EA51 01 E 00 QC CT 00 0 5 014 1			