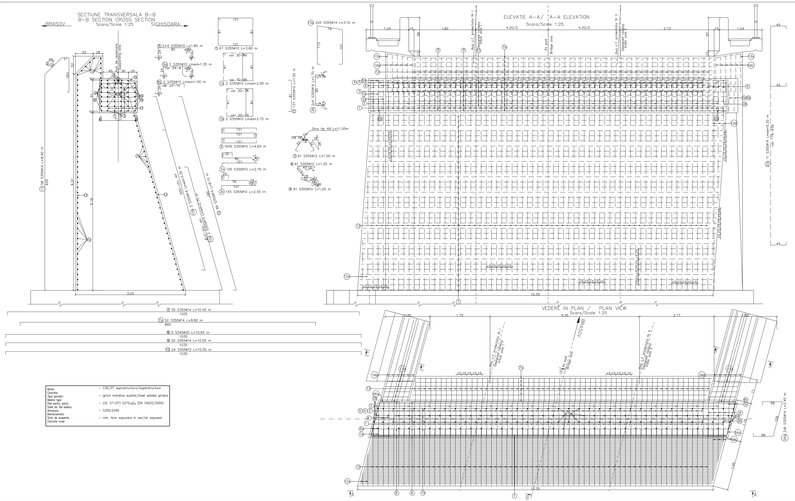

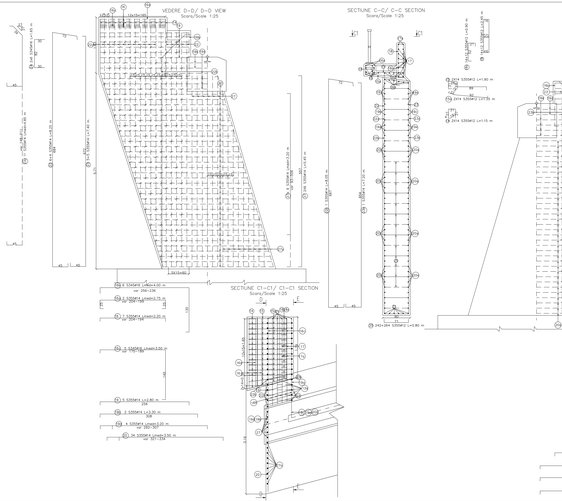

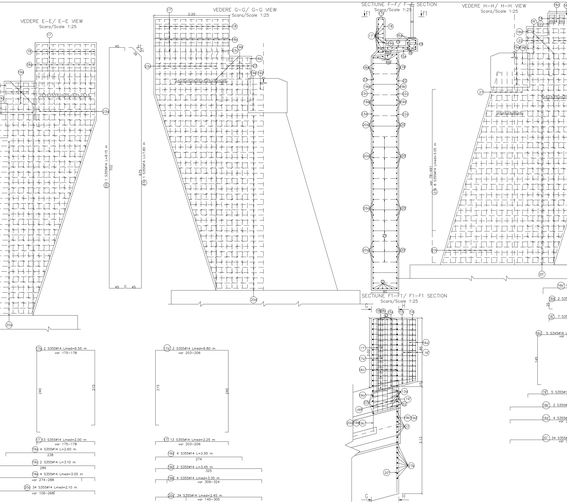

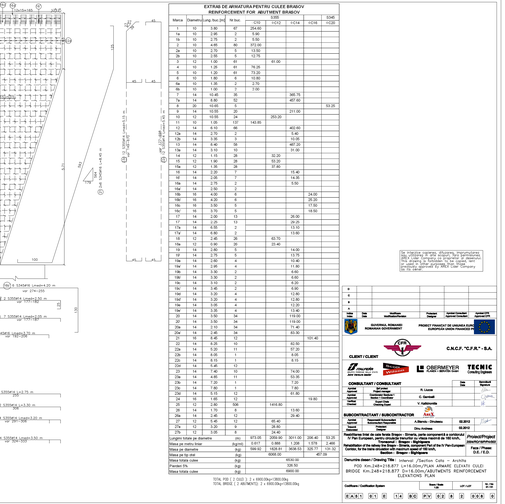

EXTRAS DE ARMATURA PENTRU CULEE BRAŞOV
REINFORCEMENT FOR ABUTMENT BRANCH

Marca	Diameter	Long. bar [m]	Nr bar	S355				S345
				L=12	L=12	L=24	L=18	L=36
1	10	0.80	47	39.00				
1a	10	0.80	2	1.60				
1b	10	2.75	12	9.50				
2	10	4.65	80	372.00				
3a	10	0.70	5	1.75				
3b	10	1.00	5	10.00				
4	12	1.20	61		61.00			
5	12	1.20	61	76.25				
6	10	1.20	61	73.20				
7	14	1.40	2	2.80				
8a	10	1.30	2	1.30				
8b	10	1.30	2	2.60				
7	14	16.40	36			295.75		
7a	14	8.60	52			447.60		
8	14	10.00	20					50.00
8	14	10.00	28			280.00		
10	12	10.55	24		253.20			
11	12	1.55	127	140.60				
12	14	6.10	66			403.40		
13	14	6.40	2			12.80		
13a	14	6.40	3			19.40		
13	14	6.40	58			447.20		
13a	14	6.40	10			31.00		
14	12	1.15	28		32.20			
14a	12	1.15	28		32.20			
15	12	1.15	7		57.95			
15	14	2.20	7			15.40		
16	14	2.05	7			14.35		
18a	14	2.75	2			5.50		
18a	14	2.75	2					
18b	14	4.00	6				24.00	
18b	14	4.00	6				24.00	
19a	14	5.00	5				25.00	
19b	14	3.75	5				18.75	
17	14	2.25	12			26.50		
17a	14	2.25	12			26.25		
17a	14	6.50	2			13.10		
17a	14	6.50	2			13.00		
18	12	0.40	26		62.70			
18	12	0.40	26		31.40			
19	14	1.00	8			14.00		
19f	14	2.75	5			13.75		
19e	14	2.75	5			13.40		
19e	14	2.60	4			11.00		
19d	14	3.50	4			14.00		
19d	14	3.50	2			4.00		
19c	14	3.10	2			6.20		
19c	14	3.10	2			6.20		
19b	14	3.20	4			12.80		
19af	14	3.20	4			12.80		
19a	14	3.25	4			13.00		
19a	14	3.25	4			13.40		
20	14	3.50	24			118.00		
20	14	3.50	24			118.00		
20a	14	2.10	34			71.40		
21	14	6.40	12			43.30		
21	16	6.40	12				153.40	
22a	12	0.35	11			42.10		
22b	12	0.35	11			37.20		
23b	14	6.95	1			6.95		
23	14	8.15	1			8.15		
23d	14	5.45	1					
23c	14	4.90	1			14.30		
23b	14	4.95	1			15.35		
23a	14	7.20	1			7.20		
23a	14	7.60	1			7.60		
23d	14	5.15	12			61.80		
24	12	0.80	20				16.00	
25	12	2.65	326		1 043.80			
26	14	1.70	8			13.60		
26a	14	2.00	12			24.40		
27	12	5.40	12			65.40		
27a	12	5.40	12			65.40		
27b	12	0.08	8			24.40		
Lungime totala pe diametru	m	873.35	3359.90	3011.00	256.40	3132.35		
Greut. pe metru liniar	kg/m	0.617	0.889	1.208	1.578	1.208		
Greut. pe diametru	kg	538.92	1426.91	3636.53	404.73	3781.25		
Greutate totala	kg	5965.65						
Greut. totala cuiere	kg			1031.03				
Plasele	kg			326.50				
Greut. totala cuiere	kg			6992.68				

TOTAL PE2 [ ] (50) [ ] = 690.05kg/1380.09kg
TOTAL BREE2 [ ] BEWEHRUNG [ ] = 1050.06kg/1050.06kg

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3					
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Ed.	Poz.	Modificare / Modification	Verificare / Checked	Verificare / Checked	Aprobat / Approved
01	01	Emitere / Issued			

BENEFICIAR / BENEFICIARY: GENERAL ROMANO ROMANIAN GOVERNMENT

PROIECT FINANCIAT DE UNIUNEA EUROPEANA / EUROPEAN UNION FINANCED

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

CLIENT / CLIENT

CONSULTANT / CONSULTANT

Director Director	Ing. Cristian Ciocan	R. Lucia	
Verificator Verificator	Ing. Cristian Ciocan	C. Germell	
Verificator Verificator	Ing. Cristian Ciocan	V. Gabriela	
Proiectant Designer	Ing. Cristian Ciocan		

SUBCONTRACTANT / SUBCONTRACTOR

Director Director	Ing. Constantin Chiperceanu	A.Marcu - Dinulescu	02.2012
Verificator Verificator	Ing. Constantin Chiperceanu	Dita Ivănuse	02.2012

Responsabilitatea ofertei de catre Antreprenor / Offer's responsibility of the Contractor

Contract nr. / Contract number: 2012/S 062-096 000 / 2012/S 062-096 000 / 2012/S 062-096 000

Proiectant / Designer: TECNIC CONSULTING

Proiectant / Designer: OBERMEYER PLANUNG UND BERATUNG