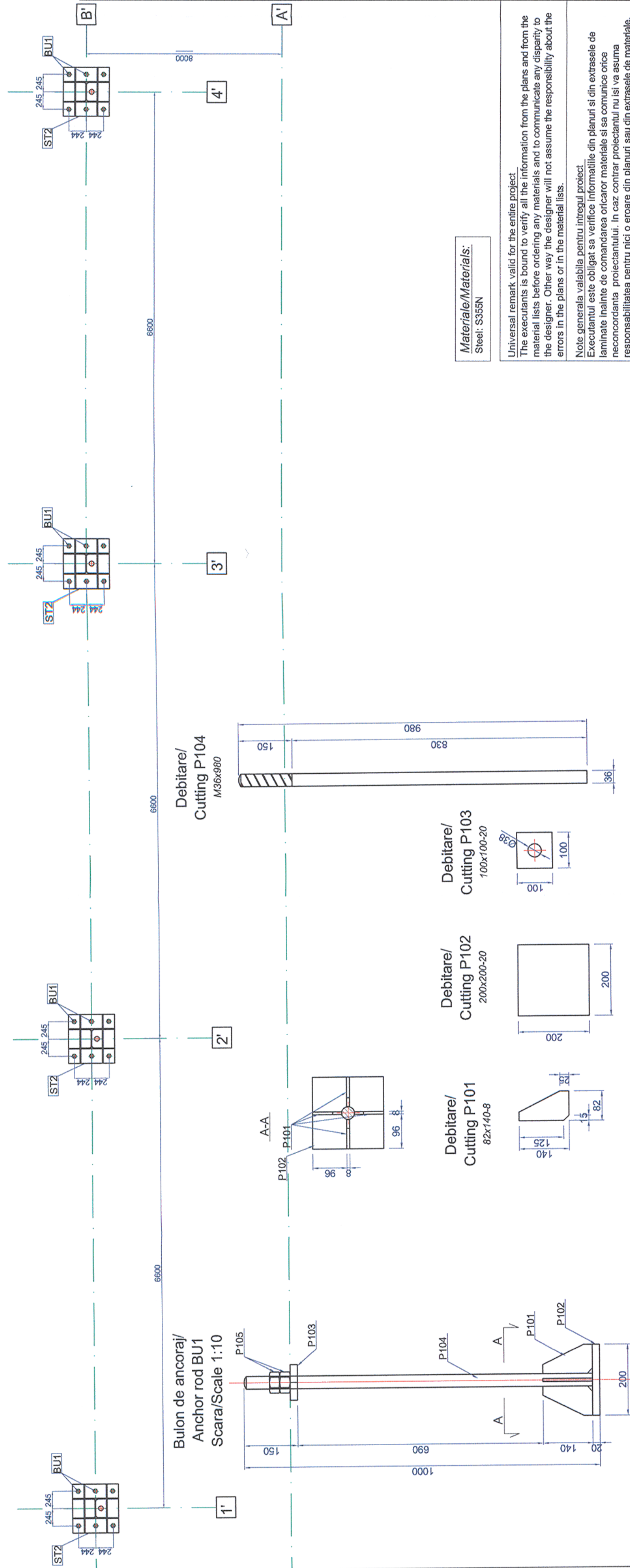


Acest plan anuleaza si inlocuieste planul nr. PT.02.04.02.RE.05.009 elaborat la data 01.2013.
This layout plan canceled and replaced layout plan no. PT.02.04.02.RE.05.009 prepared on 01.2013.

PLAN AMPLASARE BULOANE DE ANCORAJ
Anchor rods plane
Scara 1:50/ Scale 1:50



ANCHOR RODS STEEL EXTRACT

Poz	Sectiunea		Lungime	Buc/ elem	Nr. elem	Buc total	G/ml	G/buc	G/elem	G total	Calitate																																																											
	Tg	x																																																																				
P101	8	82	140	4	24	96	5.15	0.72	2.88	69.2106	S355N																																																											
P102	20	200	200	1	24	24	31.40	6.28	6.28	150.72	S355N																																																											
P103	20	100	100	1	24	24	15.70	1.57	1.57	37.68	S355N																																																											
P104	M36		980	1	24	24	7.99	7.83	7.83	187.925	S355N																																																											
P105	piuilita IP-M36 STAS 8796/2-77 gr.6			2	24	48	0.37	0.37	0.74	17.71	S355N																																																											
<table border="1"> <tr> <td>Tg = tabla groasa</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>19.30</td> <td></td> <td>463.25</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>electrozi</td> <td></td> <td>6.95</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>grund</td> <td></td> <td>1.88</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>TOTAL</td> <td></td> <td>19.67</td> <td>472.08</td> </tr> </table>											Tg = tabla groasa																				19.30		463.25										electrozi		6.95										grund		1.88										TOTAL		19.67	472.08
Tg = tabla groasa																																																																						
								19.30		463.25																																																												
								electrozi		6.95																																																												
								grund		1.88																																																												
								TOTAL		19.67	472.08																																																											

Materiale/Materials:
Steel: S355N

Universal remark valid for the entire project.
The executants is bound to verify all the information from the plans and from the material lists before ordering any materials and to communicate any disparity to the designer. Other way the designer will not assume the responsibility about the errors in the plans or in the material lists.

Note generata variabila pentru intregul proiect.
Executantul este obligat sa verifice informatiile din planuri si din extrasele de laminate inainte de comandarea oricaror materiale si sa comunice orice neconcordanta proiectantului. In caz contrar proiectantul nu isi va asuma responsabilitatea pentru nici o eroare din planuri sau din extrasele de materiale.

Toate sudurile nemarcate vor fi de colt si se vor realiza 0.7 tmin
All the unmarked welds will be corner welds and will have 0.7 tmin

- The adopted anticorrosive protection is an alkylid system.
- The primer will laid on surfaces prepared according too the Technical Specifications in 30-40 µm thickness.
- The intermediary layer will be 50-60 µm thickness.
- The finishing layer will be 70-85 µm thickness.
- The measurement of the dried layer r thickness will be made with the elcometer.
- The result of the last measurement must be between 150-185 µm thickness.

- Sistemul de protectie anticoroziva va fi de tip alchidic.
- Grundul se va aplica pe suprafata receptionata, conform Caietului de Sarcini, in doua straturi, masurand 30-40 µm.
- Stratul intermediar de vopsea va masura 50-60 µm grosime.
- Stratul de finisare va masura 70-85 µm grosime.
- Masurarea grosimilor straturilor uscate se va face cu elcometrul.
- Ultima masuratoare va trebui sa evedenteze o grosime cuprinsa intre 150-185µm.

CLASA DE IMPORTANTA A CONSTRUCTIEI CONFORM P100/1-2006 ESTE (III)
CATEGORIA DE IMPORTANTA CONFORM HG nr. 766/97 este (C)
THE CONSTRUCTION IMPORTANCE CLASS, ACCORDING TO P.100/1-2006, IS (III)
THE IMPORTANCE CATEGORY, ACCORDING TO HG 766/97 IS "C"

Verificator / Expert Checker / Expert	Cerinta Requirement	Semnatura Signature	Referat / Expertiza Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

CFR

COMPANIA NATIONALA DE CAI FERATE "CFR" SA

PROIECTANT / DESIGNER:

PÖYRY

Aprobat Approved	Sef de echipa Team leader	C. Teodorescu	Data Date	01.2013	Semnatura Signature	
Verificat Checked	Expert Cheie Key Expert	R. Witan		01.2013		

Subcontractant / Subcontractor		VIOTOP	
Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	01.2013
Proiectat Designed	Inginer Engineer	G. Paţileja	01.2013

"Reabilitarea liniei c.f. Frontier ă - Curtici - Simeria, parte componentă a coridorului IV
Pan - European pentru circulaţia trenurilor cu viteză maximă de 160 km/h"
Tronsoanel 2 - A: km 614 - Cap Y Bărzava

"Rehabilitation of the Railway Line Border - Curtici - Simeria, component Part of the IV
Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h"
Section 2 - A: km 614 - End Y Bărzava

Denumire desen / Drawing name:
Copertină ax B' - Plan amplasare buloane de ancoraj - Sta ția Ghioroc
Canopy ax B' - Anchor rods plan - Ghioroc Station

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:10; 1:50	1/05.2013	PT.2A.03.02.RE.05.009	09 /09