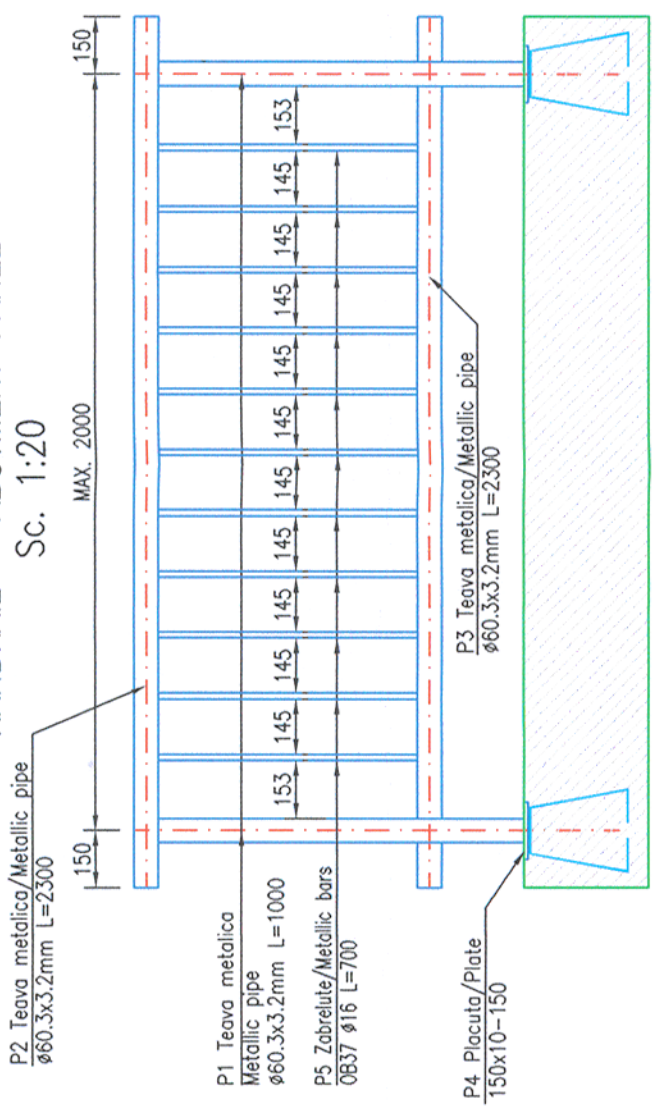


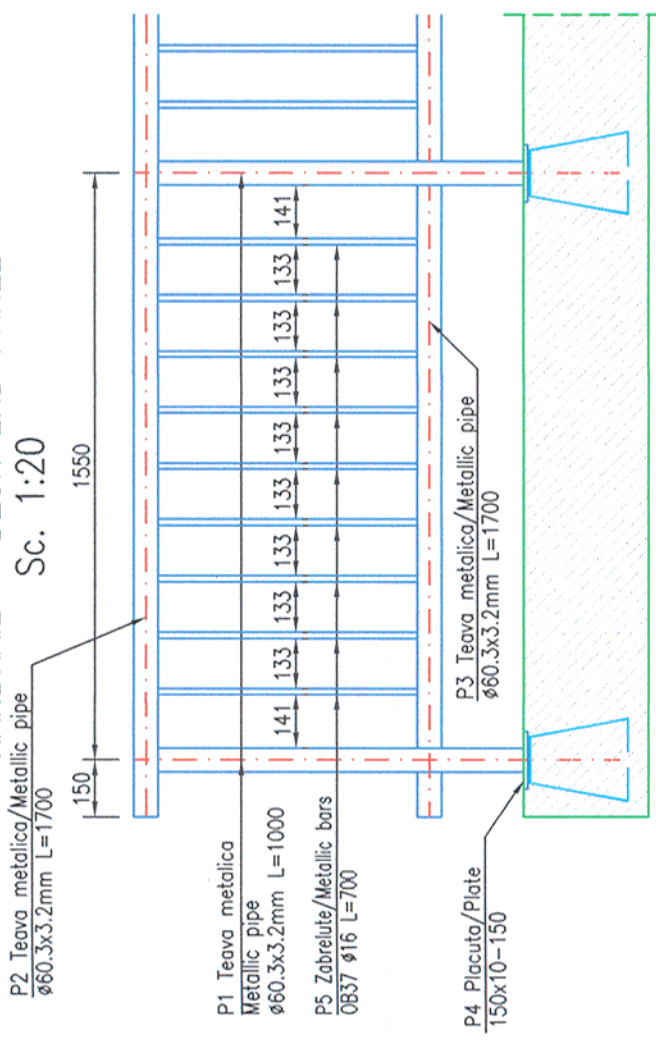
PARAPET – PANOU CULEEE
HANDRAIL – ABUTMENT PANEL
Sc. 1:20



EXTRAS DE MATERIAL METALIC PARAPET – PANOU CULEEE
METALLIC MATERIAL TABLE HANDRAIL – ABUTMENT PANEL

Pozitia/ Position	Denumire/Denomination	Bucati/ Pieces	Dimensiuni/ Dimensions (mmxmm)	Lungime/ Length (m)	Greutate/Weight		
					OLT 35 kg/m	OL 37-3k kg/m	
1	Teava metalica/Metallic pipe	2	Ø60.3x3.2	1.00	4.51	9.02	
2	Teava metalica/Metallic pipe	1	Ø60.3x3.2	2.30	4.51	10.37	
3	Teava metalica/Metallic pipe	1	Ø60.3x3.2	2.30	4.51	10.37	
4	Platbanda/ Tie plate	2	150x10	0.15	11.78	3.53	
Greutate totala tip otel / Total weight for type of steel (KG)					29.77	11.78	3.53
5	Zăbrele OB 37	11	Ø16	0.70	12.17	133.87	
2% Sudura / Welding (KG)					1.00		
Greutate totala material metalic / Total weight for metallic material (KG)						12.17	46.00

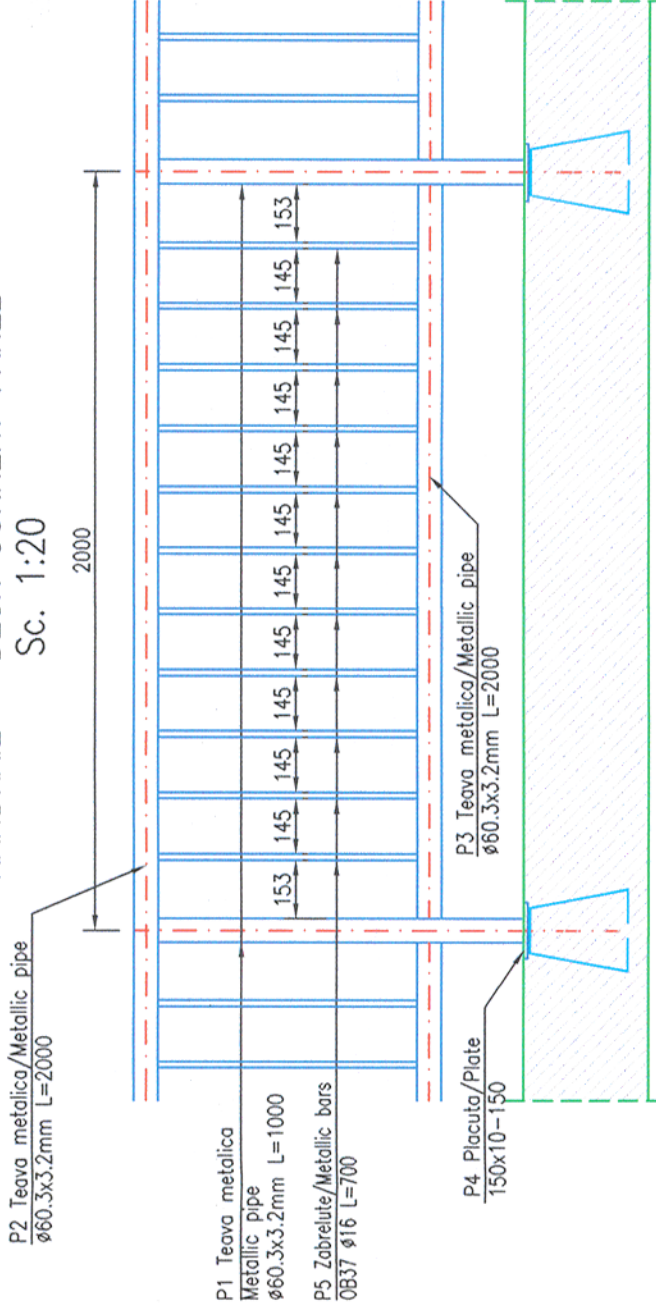
PARAPET – PANOU DE CAPAT TABLIER
HANDRAIL – DECK END PANEL
Sc. 1:20



EXTRAS DE MATERIAL METALIC PARAPET – PANOU CAPAT TABLIER
METALLIC MATERIAL TABLE HANDRAIL – DECK END PANEL

Pozitia/ Position	Denumire/Denomination	Bucati/ Pieces	Dimensiuni/ Dimensions (mmxmm)	Lungime/ Length (m)	Greutate/Weight		
					OLT 35 kg/m	OL 37-3k kg/m	
1	Teava metalica/Metallic pipe	2	Ø60.3x3.2	1.00	4.51	9.02	
2	Teava metalica/Metallic pipe	1	Ø60.3x3.2	1.70	4.51	7.67	
3	Teava metalica/Metallic pipe	1	Ø60.3x3.2	1.70	4.51	7.67	
4	Platbanda/ Tie plate	2	150x10	0.15	11.78	3.53	
Greutate totala tip otel / Total weight for type of steel (KG)					24.35	11.78	3.53
5	Zăbrele OB 37	9	Ø16	0.70	9.95	121.70	
2% Sudura / Welding (KG)					1.00		
Greutate totala material metalic / Total weight for metallic material (KG)						9.95	38.00

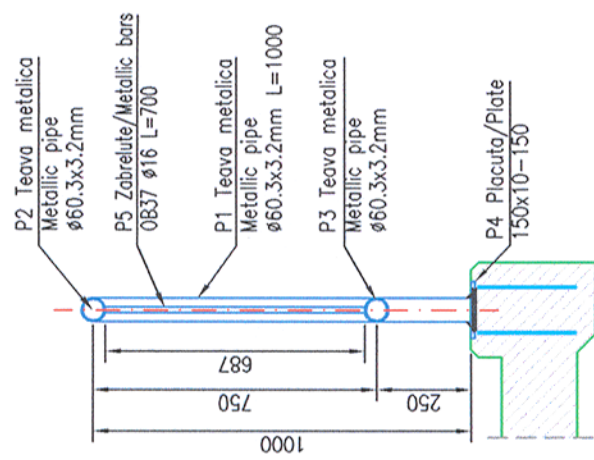
PARAPET – PANOU CURENT PE TABLIER
HANDRAIL – DECK CURRENT PANEL
Sc. 1:20



EXTRAS DE MATERIAL METALIC PARAPET – PANOU CURENT TABLIER
METALLIC MATERIAL TABLE HANDRAIL – DECK CURRENT PANEL

Pozitia/ Position	Denumire/Denomination	Bucati/ Pieces	Dimensiuni/ Dimensions (mmxmm)	Lungime/ Length (m)	Greutate/Weight		
					OLT 35 kg/m	OL 37-3k kg/m	
1	Teava metalica/Metallic pipe	2	Ø60.3x3.2	1.00	4.51	9.02	
2	Teava metalica/Metallic pipe	1	Ø60.3x3.2	2.00	4.51	9.02	
3	Teava metalica/Metallic pipe	1	Ø60.3x3.2	2.00	4.51	9.02	
4	Platbanda/ Tie plate	2	150x10	0.15	11.78	3.53	
Greutate totala tip otel / Total weight for type of steel (KG)					27.06	11.78	3.53
5	Zăbrele OB 37	11	Ø16	0.70	12.17	133.87	
2% Sudura / Welding (KG)					1.00		
Greutate totala material metalic / Total weight for metallic material (KG)						12.17	43.00

SECTIUNE TRANSVERSALA
CROSS SECTION
Sc. 1:20



Prezentul plan anuleaza si inlocuieste versiunea anterioara
This plan cancels and replaces previous version



MINISTERUL TRANSPORTURILOR

COMPANIA NATIONALA DE CAI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY

APROBAT / APPROVED: C. Teodorescu

VERIFICAT / CHECKED: R. Tudorascu

SEMNTURA / SIGNATURE: [Signature]

DATA / DATE: 01.2013

Subcontractor / Subcontractor: VIOTOP

APROBAT / APPROVED: A.M. Baicu

PROIECTAT / DESIGNED: T. Mihali

"Reabilitarea liniei c.f. Frontier - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h"

"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-B : end Y Bărzava - end Y Iltcu

Denumire desen / Drawing name: PARAPET METALIC PODURI, PE BETON METALLIC HANDRAIL FOR BRIDGES, ON CONCRETE

Scara / Scale: 1:20

Revizia / Revision: 1 / 04.2013

Cod desen / Drawing Code: PT.02.02.00.PO.24

Nr / No: 24