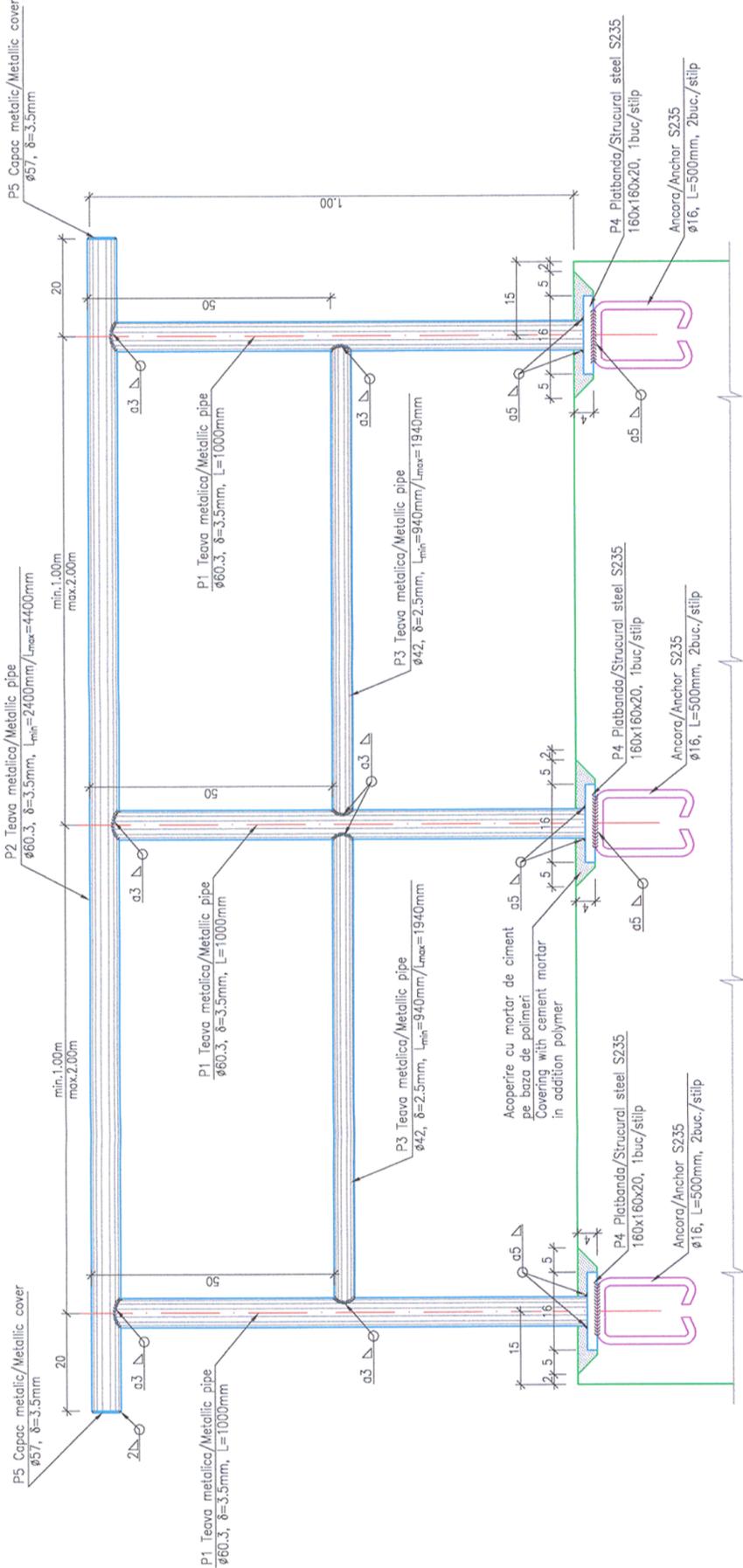


DETALIU PENTRU FIXAREA PARAPETULUI IN BETONUL NOU
FIXING THE HAND RAIL POLE IN THE NEW CONCRETE



- NOTA:
1. Ancorele cu placutele metalice se monteaza inainte de turnarea betonului.
 2. Stalpii se sudeaza la minim 7 zile de la fixarea placutei in beton.
 3. Dupa sudarea stipurilor pe placute, acestea se vor acoperi cu mortar de ciment.
 4. Pe toate piesele metalice se va aplica o protectie anticoroziva. Tehnologia de aplicare va respecta Ordinul MLPAT nr. 52/N/1998 "Chid de proiectare, executie si exploatare privind protectia impotriva coroziunii a constructiilor metalice."

- NOTA:
1. The anchors with the metallic plate have to be mounted before casting the concrete.
 2. The poles shall be welded at minimum 7 days after fixing the plate into the concrete.
 3. After welding the poles on the plates, all these shall be covered with cement mortar.
 4. Will be applied anti-corrosive protection on all metallic pieces. The technology for applying anti-corrosive protection will respect the Order MLPAT no. 52/N/1998 "Guide for provision, execution and exploitation concerning the protection against corrosion for the buildings made of steel."

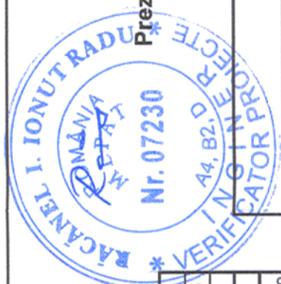
- Sistemul de protectie anticoroziv se compune din 3 straturi, conform Caietului de Sarcini:
- stratul primar sau grundul (min. 50µm);
 - stratul intermediar (min. 50µm);
 - stratul de finisare (min. 75µm).
- The protection system is composed by 3 layers, in accordance to the Technical Specifications:
- primary layer or the flat coat (min. 50µm);
 - intermediary layer (min. 50µm);
 - finishing layer (min. 75µm).

EXTRAS DE MATERIAL METALICPENTRU PARAPET L_{min}=2.00m
MATERIAL METALLIC TABLE FOR HANDRAIL L_{min}=2.00m

NR. /NO	DENUMIRE REPER/PIECE NAME	SECTIUNEA/ SECTION mm	L mm	BUC. /PCS.	GREUTATE/WEIGHT	
					/m	/buc./pcs
1	Teava metalica / Metallic pipe	60.3x3.5	1000	3	4.903	14.708
2	Teava metalica / Metallic pipe	60.3x3.5	2400	1	4.903	11.766
3	Teava metalica / Metallic pipe	42x2.5	940	2	2.435	4.578
4	Capac metalic / Metallic cover	56	3.5	2	19.335	0.135
5	Platbanda / Tie plate	160x20	160	3	25.120	12.058
6	Ancora / Anchor	16	500	6	1.578	4.735
Greutate pe tipuri de otel (kg)						47.981
3% sudura, suruburi etc. (kg)						1.439
Greutate totala pe tipuri de otel (kg)						50
Total weight on type of steel (kg)						50

EXTRAS DE MATERIAL METALICPENTRU PARAPET L_{max}=4.00m
MATERIAL METALLIC TABLE FOR HANDRAIL L_{max}=4.00m

NR. /NO	DENUMIRE REPER/PIECE NAME	SECTIUNEA/ SECTION mm	L mm	BUC. /PCS.	GREUTATE/WEIGHT	
					/m	/buc./pcs
1	Teava metalica / Metallic pipe	60.3x3.5	1000	3	4.903	14.708
2	Teava metalica / Metallic pipe	60.3x3.5	4400	1	4.903	21.572
3	Teava metalica / Metallic pipe	42x2.5	1940	2	2.435	9.449
4	Capac metalic / Metallic cover	57	3.5	2	20.031	0.140
5	Platbanda / Tie plate	160x20	160	3	25.120	12.058
6	Ancora / Anchor	16	500	6	1.578	4.735
Greutate pe tipuri de otel (kg)						62.662
Weight on type of steel (kg)						1.880
3% sudura, suruburi etc. (kg)						65
Greutate totala pe tipuri de otel (kg)						65
Total weight on type of steel (kg)						65



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

Verificator / Expert Checker / Expert

Cerinta Requirement

Semnatura Signature

Referat / Expertiza Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER:

PÖYRY

Aprobat Approved

Verificat Checked

Sef de echipa Team leader

Expert Cheile Key Expert

C. Teodorescu

R. Tudorascu

Subcontractant / Subcontractor

VIOTOP

Aprobat Approved

Proiectat Designed

Adjunct Sef de echipa Deputy Team leader

Inginer Engineer

A.M. Baicu

F. Ioanidi

01.2013

01.2013

01.2013

01.2013

"Reabilitarea liniei c.f. Frontier ă - Curtici - 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 : km 614 - Gurasada

Denumire desen / Drawing name:

Detailiu parapet metalic
Detail for metallic handrail

Scara / Scale 1:20

Revizia / Revision 1/05.2013

Cod desen / Drawing Code PT.02.02.00.PO.003

Nr / No 03

Project 91
35311.1

Faza / Phase:
PTH+CS / TD+TS