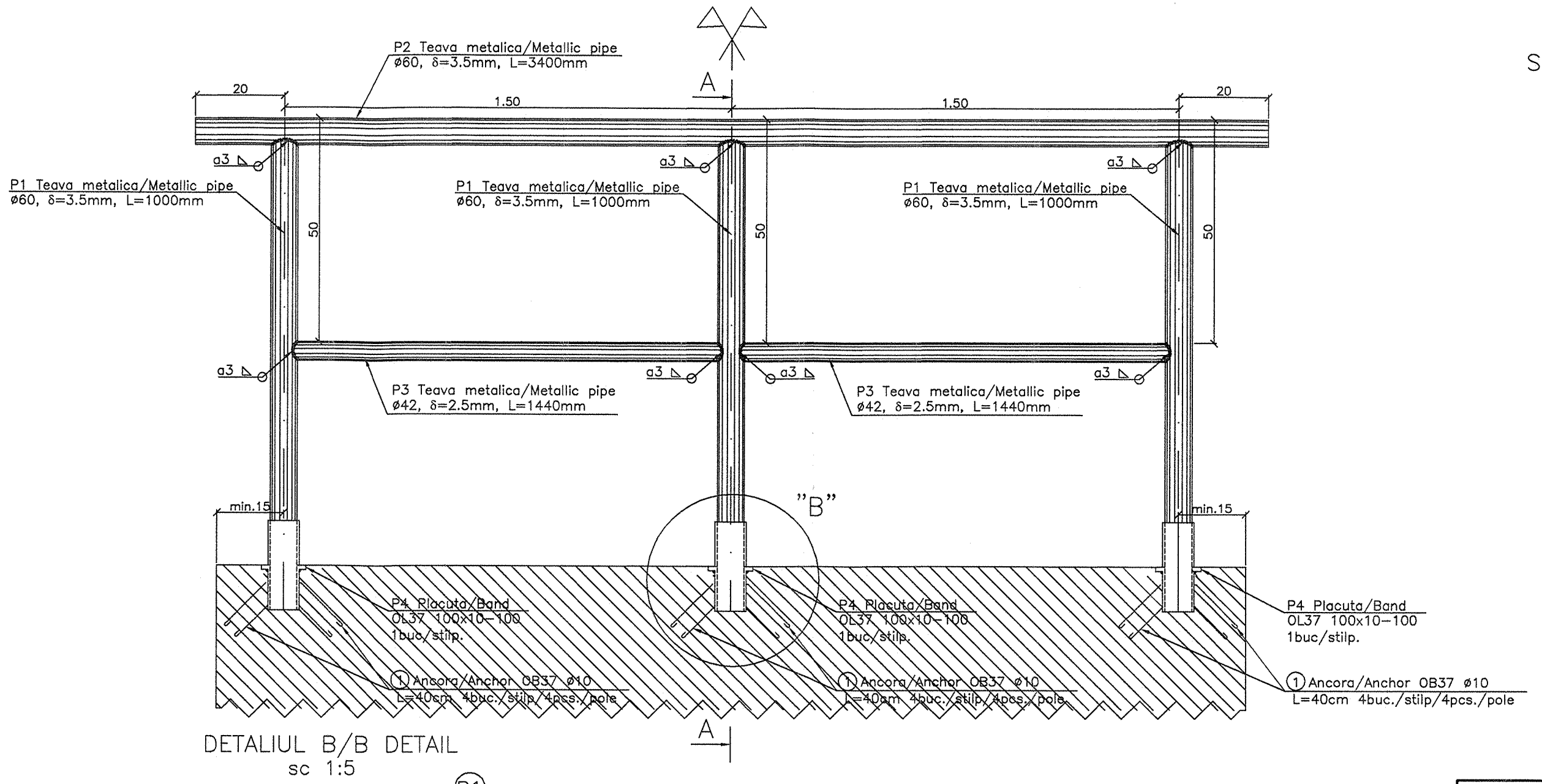
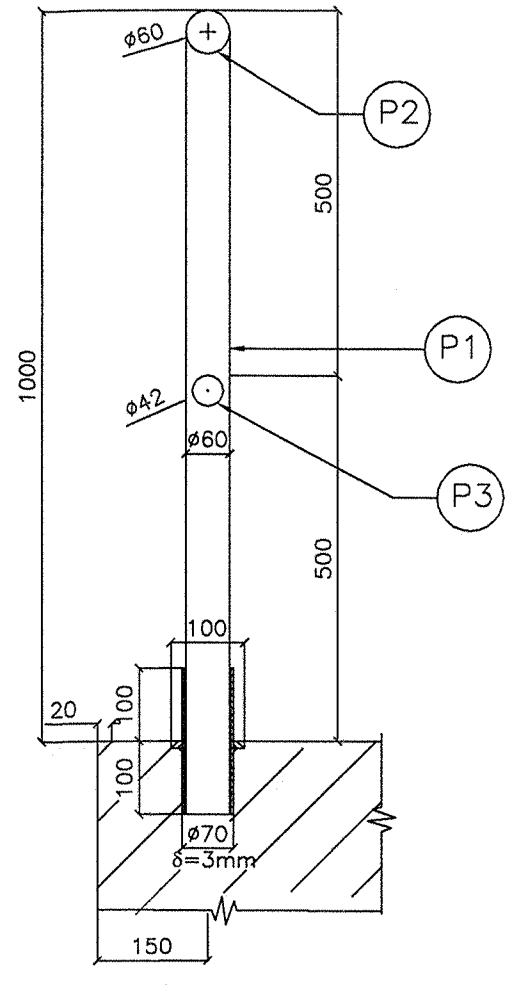
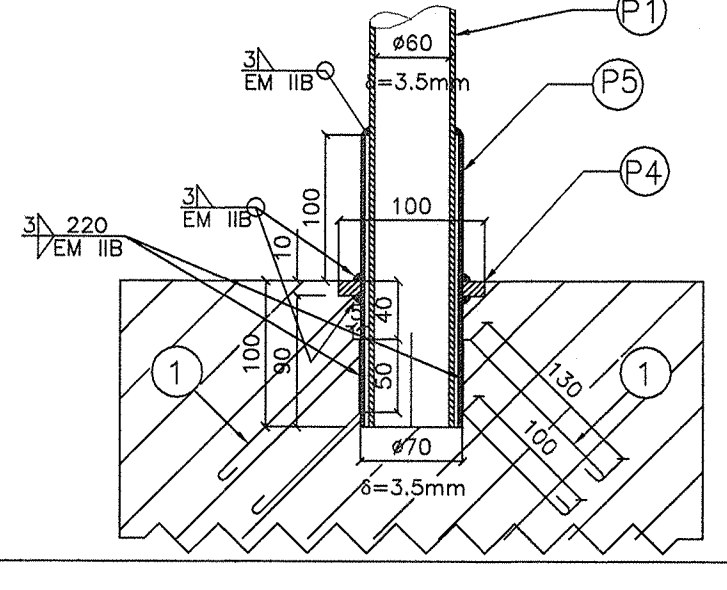
DETALIU PENTRU FIXAREA PARAPETULUI IN BETONUL NOU
FIXING THE HAND RAIL POLE IN THE NEW CONCRETE



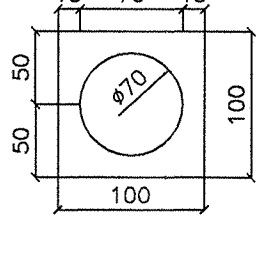
SECTIUNE A–A/SECTION A–A
sc 1:10



DETALIUL B/B DETAIL
sc 1:5

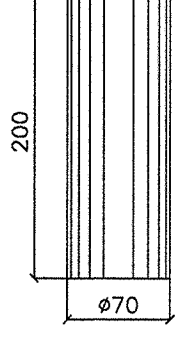


(P4) Placuta/Band100x10–100
3 buc./3 pcs,

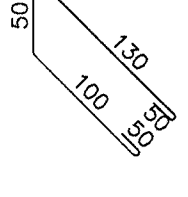


(P5) Teava pahar pentru pozarea stilpilor OLT35 ø70x3.5mm, L=20cm

Bowl pipe for poles laying OLT35 ø70x3.5mm, L=20cm



(1) Ancora/Anchor OB37 ø10
L=40cm 4 buc./stalp
/4 pcs./pole



OSERVATIE:
–Sudura rostului de montaj se va executa numai pe o parte, dupa pozarea elementelor trotuarului.
–Sudura pieselor P1 si P4, se va face pe santier in pozitie definitiva.

OBSERVATION:
–Welding the execution joint shall be executed only on one side, after laying the elements of the sidewalk.
–Welding pieces P1 and P4 shall be executed on site in final position.

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 according to the Technical Specifications:
– primary layer or the flat coat (min. 50µm);
– intermediary layer (min. 50µm);
– finishing layer (min. 75µm).

EXTRAS DE ARMATURA PENTRU UN PANOU DE PARAPET L=3.00m
REINFORCEMENT TABLE FOR ONE HANDRAIL PANEL L=3.00m

Marca/ Position	Diam.	Bucati/ Pieces	Lungime/ Length	Lungimi/Diametru Length/Diameter
				OB 37 Ø10
1	10	12	0.40	4.80
Total Lungime/Diametru Total Length/Diameter				4.80
Greutate/Lungime (kg/m) Weight/Length (kg/m)				0.616
Greutate/Diametru (kg) Weight/Diameter (kg)				3.00

EXTRAS DE MATERIAL METALIC PENTRU UN PANOU DE PARAPET L=3.00m
METALLIC MATERIAL TABLE FOR ONE HANDRAIL PANEL L=3.00m

Pozitia/ Position	Denumire/Denomination	Bucati/ Pieces	Dimensiuni/ Dimensions (mmxmm)	Lungime/Length (m)	Greutate/Weight OLT 35 kg/m	OLT 35 kg	OL 37-3k kg/m	OL 37-3k kg
1	Teava metalica/Metallic pipe	3	Ø60x3.5	1.00	4.877	14.63		
2	Teava metalica/Metallic pipe	1	Ø60x3.5	3.40	4.877	16.60		
3	Teava metalica/Metallic pipe	2	Ø42x2.5	1.44	2.43	7.00		
4	Placuta metalica/Metallic band	3	100x10	0.10			7.850	2.35
5	Teava pahar/Bowl pipe	3	Ø70x3.5	0.20	2.43	1.46		
Greutate tip otel / Weight for type of steel (KG)					39.70		2.50	
3% Sudura / Welding (KG)					1.20		0.10	
Greutate totala tip otel / Total weight for type of steel (KG)					40.90		2.60	
Greutate totala material metalic / Total weight for metallic material (KG)					43.50			

Ancorele cu placutele metalice se monteaza inainte de turnarea betonului.

The achors with the metallic plate have to be mounted before casting the concrete.

NOTA:
1. Pe toate piesele metalice se va aplica o protectie anticoroziva. Tehnologia de aplicare va respecta Ordinul MLPAT nr. 52/N/1998 "Ghid de proiectare, executie si exploatare privind protectia impotriva coroziunii a constructiilor metalice."

NOTE:
1. Will be applied anti–corosive protection on all metallic pieces. The technology for applying anti–corosive 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."

B						
A						
	Data / Date	Modificare / Modification / Revision				
BENEFICIAR/ BENEFICIARY: ROMANIAN RAILWAY NATIONAL COMPANY		AUTORITATEA DE IMPLEMENTARE/ IMPLEMENTUNG AUTHORITY: Ministerul Transporturilor / Ministry of Transports	AUTORITATEA CONTRACTANTA / CONTRACTING AUTHORITY: CFCU; Ministerul Economiei si Finantelor Oficiul de Plati si Contractare Phare / Ministry of Economy and Finances Phare Payments &Contracting Office			Contract/ Contracts: 1303/2007
prointec; CONSIS PROIECT			Proiect finantat de UNIUNEA EUROPEANA / Project financed by EUROPEAN UNION; POS Transport 2007- 2013			Faza / Phase: PTh+DDE/ TP+DD
Intocmit / Designed	Ing.Razvan Sterie		Scara / Scale : 1:10	PORTOFOLIU DE PROIECTE PHARE CES 2005 / PHARE CES 2005 PROJECTS PORTFOLIO LOT 1; Asistenta tehnica pentru pregatirea unor lucrari de reabilitare pentru tuneluri si poduri de cale ferata / Technical assistance for preparing rehabilitation works required by railway tunnels and bridges		
Verificat / Checked	Ing. Ioan Dachin		Data / Date : 05.2009	Denumire desen / Drawing Title : Sucursala RCF /Railway district IASI. Linia cf /Railway line Darmanesti-Dornisoara; Podet / Culvert km101+311; PARAPET METALIC/METALIC RAILING	Cod desen / Drawing Code: PT 241	Nr. / Nr: P10
Sef echipa / Team leader	Ing. Stelian Vara-Oros					

POPA V. NICOLAE ROMAN NR.74 INSINER VERIFICATOR FR