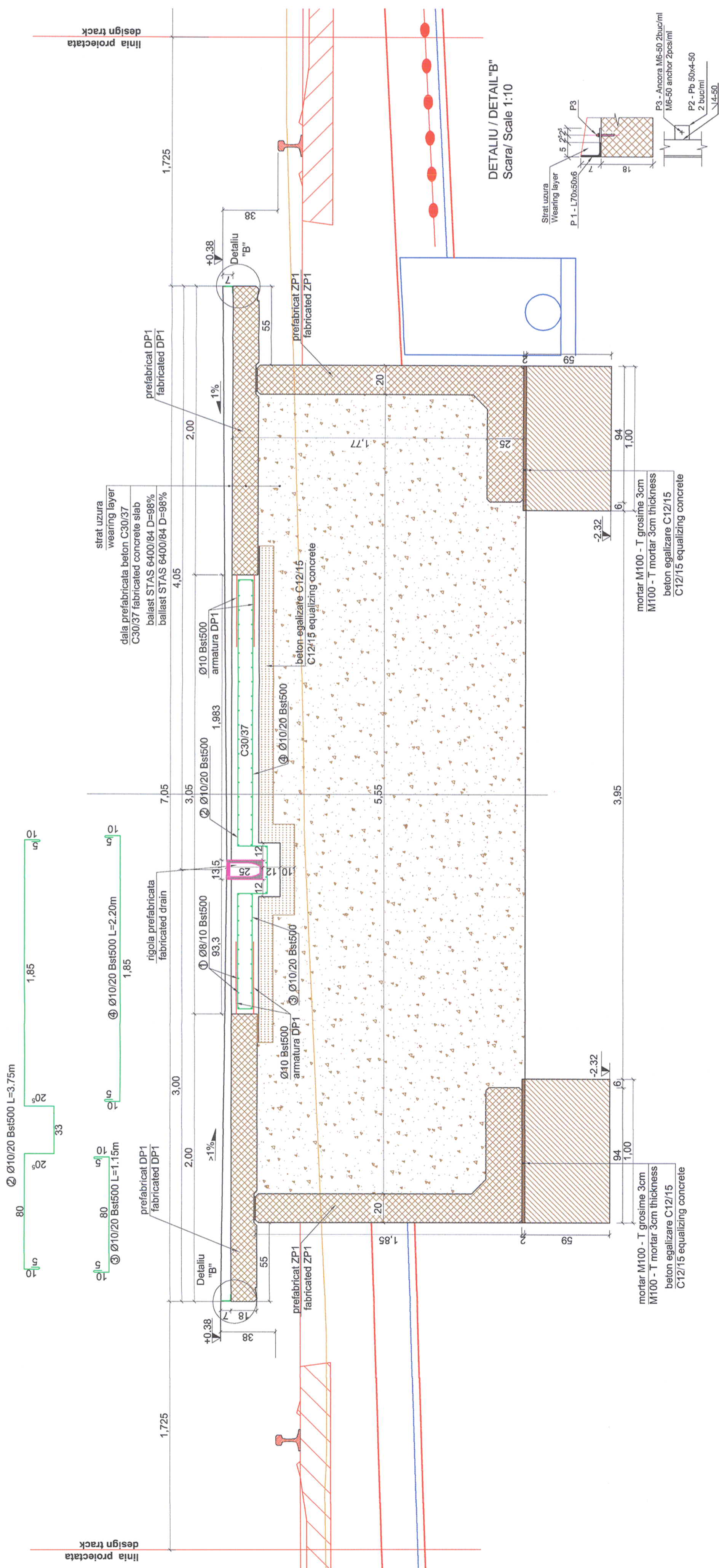


NOTA / NOTE:
Toate tipurile de oțel (în special Bst 500) vor avea obligatoriu clasa de ductilitate C.
All types of steel (especially Bst 500) will mandatory have the ductility class C.

Sectiune zona curenta peron linia II-4 h=0.38 m
Section current area of platform line II-4 h=0.38 m



MATERIALE:
Beton de egalizare C12/15 CEM III/A-S 32.5 N ; sort 0-31; A/C : 0.75 ;
Beton armat de monolitizare C30/37 CEM III/A-S 42.5 N; sort 0-16; A/C : 0.55;
Mortiar M100-T
Armatura Bst500
Clasa de expunere: XC4 , XD3 , XF4

MATERIALS:
Equalization concrete C12/15 CEM III/A-S 32.5 N ; sort 0-31; A/C : 0.75 ;
Reinforced concrete C30/37 CEM III/A-S 42.5 N; sort 0-16; A/C : 0.55;
Mortar M100-T
Reinforcement Bst500
Exposure class: XC4 , XD3 , XF4

Extras de laminat (pe ml de peron) / Rolled steel extract (by ml platform)						
Pozitie/ Position	Element/ Element	Lungime / Length [m]	Bucati/ Pieces	Greutate/Weight [Kg]		Calitate / Quality
				Pe U.M	Total	
P1	L70x50x6	1.00	2	5.41	10.82	S255JR
P2	Pb 50x4-50	0.05	4	1.57	0.314	S255JR
P3	M6-50	-	4	0.03	0.12	S255JR
Total / Total [Kg]				11.254		
Sudura / Welding (3%)				0.33762		
Greutate Totala / Total weight [Kg]				11.5916		

Extras de armatura / Reinforcement extract						
Element [pe ml de sectiune A-A]	Marca/ Mark	Diametru/ Diameter (mm)	Nr. Buc. No. of pieces	Lungime/ Length (m)	Bs1500 (S500)	
					φ8	φ10
1	8	60	1.00	60.00		
2	10	5	3.75	18.75		
3	10	5	1.15	5.75		
4	10	5	2.20	11.00		
Lungime totala pe diametre / Total length on diameter (m)				60.00	35.50	
Masa pe metru / Mass on meter (kg/m)				0.395	0.617	
Masa pe diametre / Mass on diameter (kg)				23.70	21.90	
Masa totala pe tip de oțel / Total mass on steel type (kg)				46.00		

NOTE 1:
The following technology will be applied in cases when the prefabricated elements from the line will be removed in order to execute the line works with heavy track machines:

- the asphalt uncovering in the concrete cast in position area between prefabricated elements (DP)
- removing the cast-in-place concrete
- cutting the reinforcements in the central area of the concrete cast in position (at min. 1.50 m from the platform edge)
- removing the prefabricated elements and storing them in the same section on the platform exterior side (the removed prefabricated unit is stored on the one which is not removed)
- track works execution
- renewing the platform by mounting prefabricated elements on the initial position
- while mounting the prefabricated elements on the platform it is ensured the continuity of reinforcement that were cut at point 3, by help of Bst500 welded fishplates having Ø 10mm and l = 250 mm
- the removed area is casted-in-place with concrete C-30/37 and the uncovered asphalt is renewed.

NOTE 1:
In situatia demontarii prefabricatelor dintr-o linie pentru executarea lucrarilor la linie cu masini grele de cale se va aplica urmatoarea tehnologie:

- Se decoperteaza asfaltul in zona monolitizarii dintre prefabricate (DP)
- Se demoleaza betonul de monolitizare.
- Se taie armaturile in zona centrala a monolitizarii (la min. 1.50m de la marginea peronului).
- Se demonteaza prefabricatele si se depoziteaza in aceeasi sectiune pe exteriorul peronului (prefabricatul demontat se depoziteaza pe cel care nu se demonteaza).
- Se executa lucrarile la cale.
- Se reface peronul prin montarea prefabricatelor pe pozitia initiala.
- Pe masura ce se monteaza elementele prefabricate de peron se asigura continuitatea armaturilor, taiate in faza 3 , cu ecilise din Bst500 Ø10mm l=250mm sudate.
- Se monolitizeaza cu beton C30/37 zona demolata si se reface asfaltul decoperat.

This layout plan canceled and replaced layout plan no. PT.02.04.12.RE.01.006 prepared on 01.2013.

PROIECTANT / DESIGNER: **POYRY**

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DATA / DATE: 01.2013

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PROIECTAT / DESIGNED: D. Oprescu

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PROIECTAT / DESIGNED: D. Oprescu

"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componenta a coridorului IV Tronsoanel 2 - B: Cap Y Barzava - Cap Y Iileu
"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 Barzava - End Y Iileu

Denumire desen / Drawing name:
Sectiune zona curenta peron h=0.38 m - Statiia Varadia/
Section current area of platform h=0.38 m- Varadia Station

Scara / Scale: 1:20;1:10
Revizia / Revision: 1/05.2013
Cod desen / Drawing Code: PT.2B.04.12.RE.01.006
Nr / No: 06/10