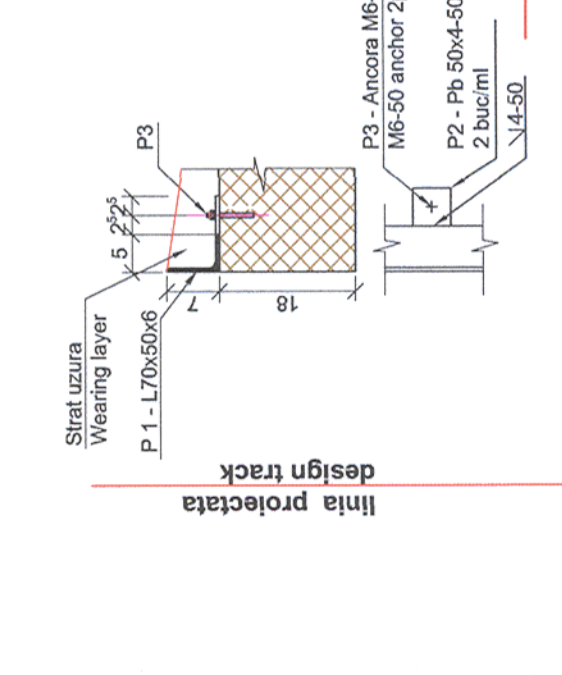
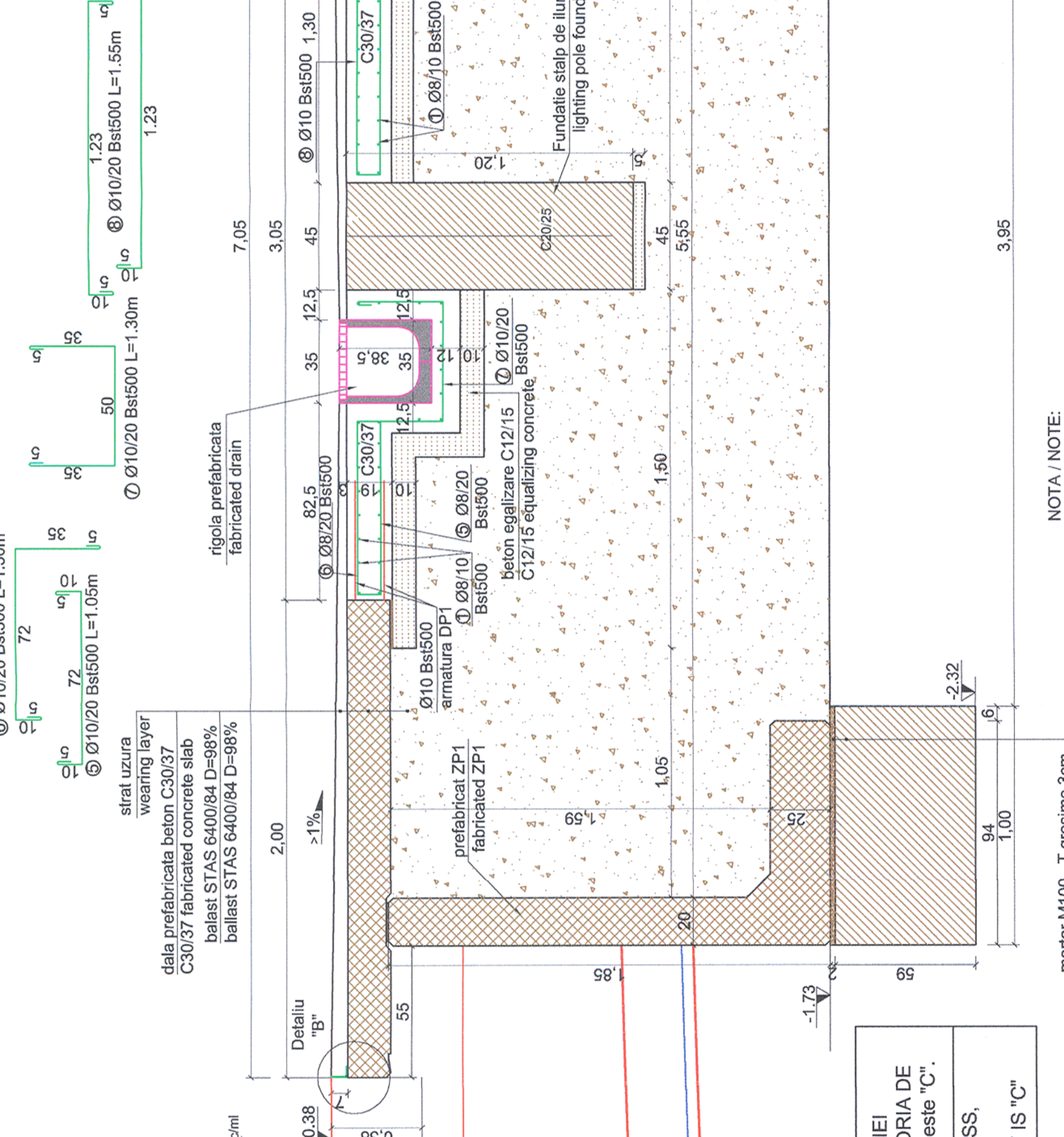


**DETALIU / DETAIL "B"**  
Scara / Scale 1:10



**SECTIUNE ZONA STALPI DE ILUMINAT PERON LII-4 h=0.38 m**  
Section lighting pole area of platform line II-4 h=0.38 m



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

mortar M100 - T grosime 3cm  
M100 - T mortar 3cm thickness  
beton egalizare C12/15  
C12/15 equalizing concrete

**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;  
Beton armat de monolitizare C20/25 CEM III/A-S 42.5 N; sort 0-16; A/C : 0.55

Mortar 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;  
Reinforced concrete C20/25 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 ARMATURA / REINFORCEMENT EXTRACT**

Element / Element	Lungime / Length [m]	Bucati / Pieces	Greutate / Weight [kg]	Pe Buc / Total	Calitate / Quality
P1	L70x50x6	2	5.41	5.41	S255JR
P2	Pb 50x4-50	4	1.57	0.785	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	Marca / Mark	Diametru / Diameter (mm)	Nr. Buc. / No. of pieces	Lungime / Length (m)	Bst500 (S550)
1		8	54	0.45	φ8
5		10	3	1.05	24.30
6		10	3	1.30	3.15
7		10	3	1.30	3.90
8		10	6	1.55	9.30
Lungime totala pe diametre / Total length on diameter (m)					24.30
Masa pe metru / Mass on meter (kg/m)					0.395
Masa pe diametre / Mass on diameter (kg)					9.60
Masa totala pe tip de otel / Total mass on steel type (kg)					23.00

**NOTE 1:**  
The following technology will be applied in case 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)

**NOTA1:**  
In situatia demontarii prefabricatelor din zona monolitizarii dintre prefabricate (DP) 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 ecile din Bst500 Ø10mm l=250mm sudate.
- Se monolitizeaza cu beton C30/37 zona demolata si se reface asfaltul decopertat.

Acest plan anuleaza si inlocuieste planul nr. PT.02.04.10.RE.01.008 elaborat la data 01.2013.

This layout plan canceled and replaced layout plan no. PT.02.04.10.RE.01.008 prepared on 01.2013.



**MINISTERUL TRANSPORTURILOR**  
BENEFICIAR / BENEFICIARY:  
COMPANIA NATIONALA DE CAI FERATE "CFR" SA

**PROIECTANT / DESIGNER:**  
C. Teodorescu  
R. Witan

**APROBAT / APPROVED:**  
01.2013  
**VERIFICAT / CHECKED:**  
01.2013

**Subcontractant / Subcontractor:**  
A.M. Baicu  
D. Oprea

**SEMNAȚURA / SIGNATURE:**  
08/10

**REABILITAREA LINIEI C.F. FRONTIERA - CURTICI - SIMERIA, PARTE COMPONENTA A CORIDORULUI IV PAN - EUROPEAN PENTRU CIRCULAȚIA TRENURILOR CU VITEZĂ MAXIMĂ DE 160 km/h**  
Tronsoanel 2 - B: Cap Y Bărzava - 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 Bărzava - End Y Iileu

**Denumire desen / Drawing name:**  
Secțiune F-F - Zonă stâlp de iluminat peron h= 0.38m l=7.05m - Stația Bărzava / Section F-F - Lighting pole area of platform h=0.38m l=7.05m - Bărzava Station

**Scara / Scale:** 1:10; 1:20  
**Revizia / Revision:** 1/05.2013  
**Cod desen / Drawing Code:** PT.2B.04.10.RE.01.008  
**Nr / No:** 08/10