

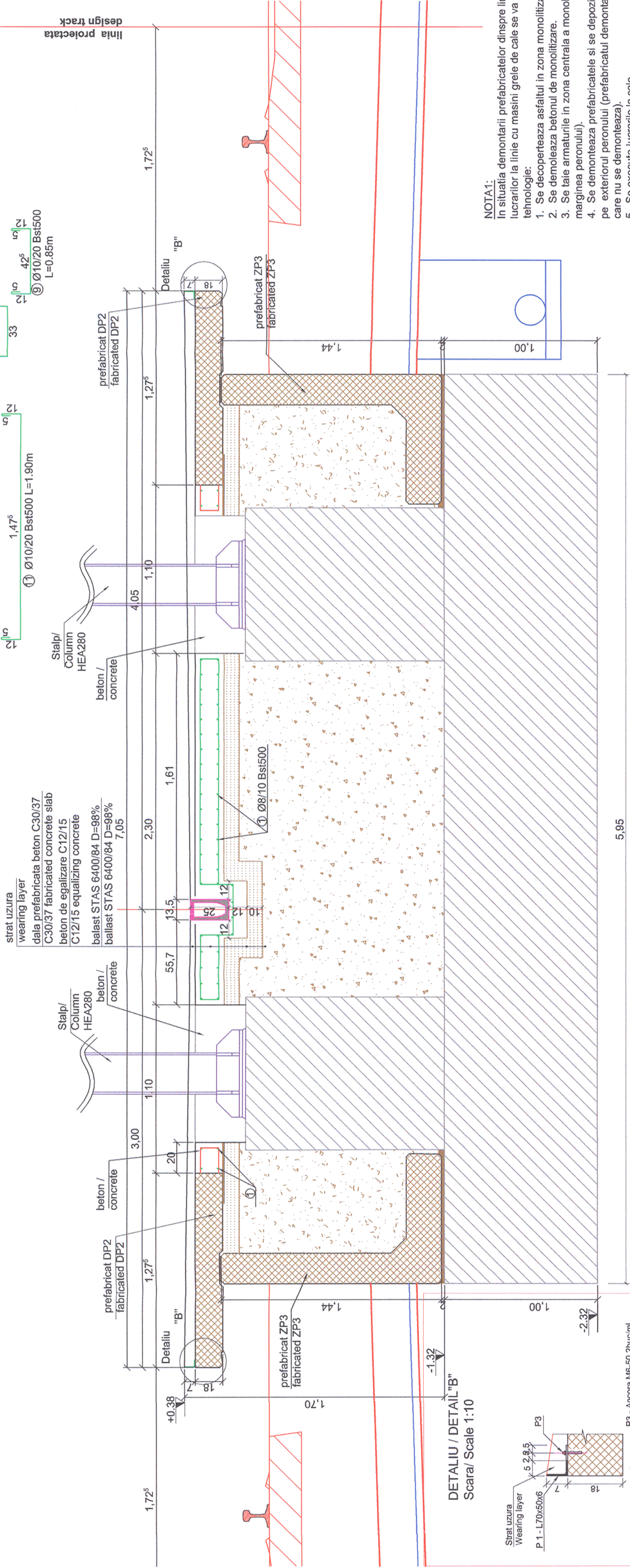
Sectiune zona stalpi de copertina peron linia II-4 h=0.38 m  
Section canopy poles area of platform line II-4 h=0.38 m

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;  
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;  
Mortar M100-T  
Reinforcement Bst500  
Exposure class: XC4 , XD3 , XF4

Acest plan anuleaza si inlocuieste planul nr. PT.02.04.18.RE.01.007 elaborat la data 01.2013.

This layout plan canceled and replaced layout plan no. PT.02.04.18.RE.01.007 prepared on 01.2013.



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.

CLASA DE IMPORTANTA A CONSTRUCTIEI  
CONFORM P100/1-2006 ESTE III; CATEGORIA DE  
IMPORTANTA CONFORM H.G. nr. 766/97 este "C".  
  
THE CONSTRUCTION IMPORTANCE CLASS,  
ACCORDING TO P100/1-2006, IS III;  
  
CATEGORY, ACCORDING TO H.G. 766/97 IS "C"

- NOTA1:  
In situatia demontarii prefabricatelor dinspre linie pentru executarea lucrarilor la linie cu masini grele de cale se va aplica urmatoarea tehnologie:
1. Se decoperteaza asfaltul in zona monolitizarii dintre prefabricate (DP)
  2. Se demoleaza betonul de monolitizare.
  3. Se taie armaturile in zona centrata a monolitizarii (la min.1.50m de la marginea peronului).
  4. Se demonteaza prefabricatele si se depoziteaza in aceeasi sectiune pe exteriorul peronului (prefabricatul demontat se depoziteaza pe cel care nu se demonteaza).
  5. Se executa lucrarile la cale.
  6. Se reface peronul prin montarea prefabricatelor pe pozitia initiala.
  7. Pe masura ce se monteaza elementele prefabricate de peron se asigura continuitatea armaturilor, taiate in faza 3 , cu eclise din S420 Ø10mm l=250mm sudate.
  8. Se monolitizeaza cu beton C30/37 zona demolata si se reface asfaltul decopertat.

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:

1. the asphalt uncovering in the concrete cast in position area between prefabricated elements (DP)
2. removing the cast-in-place concrete
3. cutting the reinforcements in the central area of the concrete cast in position (at min.1.50 m from the platform edge)
4. 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)
5. track works execution
6. renewing the platform by mounting prefabricated elements on the initial position
7. while mounting the prefabricated elements on the platform it is ensured the continuity of reinforcement that were cut at point 3, by help of S420 welded fishplates having Ø 10mm and l = 250 mm
8. the removed area is casted-in-place with concrete C 30/37 and the uncovered asphalt is renewed.

| Extras de laminate (pe ml de peron)/<br>Rolled steel extract (by ml platform) |                     |                         |                      |         |                    |
|-------------------------------------------------------------------------------|---------------------|-------------------------|----------------------|---------|--------------------|
| Pozitie/<br>Position                                                          | Element/<br>Element | Lungime /<br>Length [m] | Greutate/Weight [kg] |         | Calitate / Quality |
|                                                                               |                     |                         | Pe U.M               | Total   |                    |
| P1                                                                            | L70x50x6            | 1.00                    | 2                    | 5.41    | 10.82              |
| P2                                                                            | Pb 50x4-50          | 0.05                    | 4                    | 0.0785  | 0.314              |
| P3                                                                            | M6-50               | -                       | 4                    | 0.03    | 0.12               |
| Total / Total (kg)                                                            |                     |                         |                      | 11.254  |                    |
| Sudura / Welding (3%)                                                         |                     |                         |                      | 0.33762 |                    |
| Greutate Totala / Total weight (kg)                                           |                     |                         |                      | 11.5916 |                    |

| Extras de armatura / Reinforcement extract                    |                |                       |                              |
|---------------------------------------------------------------|----------------|-----------------------|------------------------------|
| Element                                                       | Marca/<br>Mark | Nr. Buc./<br>Diameter | Lungime/<br>No. of<br>pieces |
|                                                               |                |                       |                              |
| [pe bucată]<br>[Section C-C]                                  | 1              | 8                     | 46                           |
|                                                               | 9              | 10                    | 5                            |
|                                                               | 10             | 10                    | 5                            |
|                                                               | 11             | 10                    | 5                            |
| Lungime totala pe diametre /<br>Total length on diameter (m)  |                |                       | 41.40                        |
| Masa pe metru /Mass on meter (kg/m)                           |                |                       | 0.395                        |
| Masa pe diametre /Mass on diameter (kg)                       |                |                       | 16.35                        |
| Masa totala pe tip de otel /<br>Total mass on steel type (kg) |                |                       | 35.00                        |

|                                          |                                           |                               |                                               |
|------------------------------------------|-------------------------------------------|-------------------------------|-----------------------------------------------|
|                                          |                                           |                               |                                               |
|                                          |                                           |                               |                                               |
|                                          |                                           |                               |                                               |
| Verificator / Expert<br>Checker / Expert | Semnatura<br>Requirement                  | Semnatura<br>Signature        | Referat / Explicatii<br>Report / Explanations |
|                                          |                                           | MINISTERUL<br>TRANSPORTURILOR |                                               |
|                                          | BENEFICIAR / BENEFICIARY :<br>            |                               |                                               |
|                                          | COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA |                               |                                               |

PROIECTANT / DESIGNER:



Aprobat  
Approved

Verificat  
Checked

Subcontractant / Subcontractor

Șef de echipă  
Team leader

Expert Cheie  
Key Expert

C. Teodorescu

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