

MATERIALS:

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

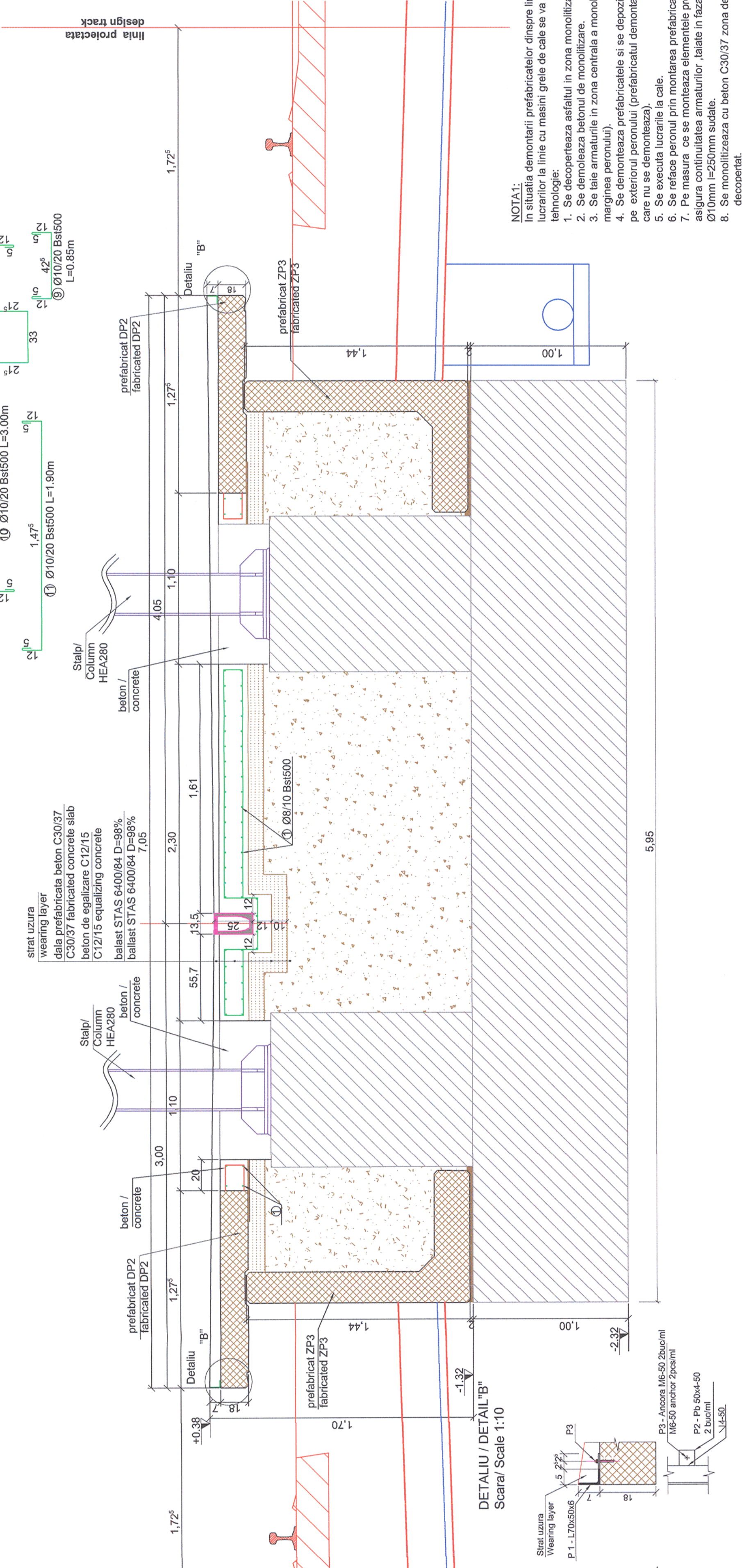
MATERIALS:

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

Sectiune zona stalpi de acoperinta peron Il-4 h=0.38 m
 Section canopy poles area of platform line Il-4 h=0.38 m

Positie/ 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		

Element	Marca/ Mark	Diametrul/ Nr. Buc./ Diameter No. of pieces	Lungime/ Length (m)	Bst500 (\$500)	
				ϕ 8	ϕ 10
1	8	46	0.90	41.40	4.25
9	10	5	0.85		15.00
10	10	5	3.00		9.50
11	10	5	1.90		28.75
Lungime totala pe diametre / Total length on diameter (m)				41.40	0.617
Masa pe metru / Mass on meter (kg/m)				16.35	17.74
Masa pe diametre / Mass on diameter (kg)					35.00
Masa totala pe tip de otel / Total mass on steel type (kg)					



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.

NOTA 1:
 In situatia demontarii prefabricatelor din zona monolitizarii dintre prefabricatele (DP) lucrarilor la linie cu masini grele de cale se va aplica urmatoarea tehnologie:
 1. Se demonteaza asfaltul in zona monolitizarii dintr-o pozitie (DP)
 2. Se demoleaza betonul de monolitizare.
 3. Se taie armaturile in zona centrala 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 peronii 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 Bst500 Ø10mm l=250mm sudate.
 8. Se monolitizeaza cu beton C30/37 zona demolata si se reface asfaltul decoperat.

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 Bst500 welded fishplates having Ø10mm and l = 250 mm
 8. the removed area is casted-in-place with concrete C 30/37 and the uncovered asphalt is renewed.

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"

PROIECTANT / DESIGNER:

APROBAT / APPROVED
 Șef de echipă / Team leader
 Verificat / Checked
 C. Teodorescu
 R. Witan

SEMĂNĂTURĂ / SIGNATURE
 01.2013
 01.2013

YIOTOP

COMPANIA NAȚIONALĂ DE CAI FERATE "CFR" SA

MINISTERUL TRANSPORTURILOR
 BENEFICIAR / BENEFICIARY:

EUROPEAN INVESTMENT BANK

VERIFICATOR / EXPERT CHECKER / EXPERT

SEMĂNĂTURĂ / SIGNATURE

VERIFICATOR / EXPERT CHECKER / EXPERT

SEMĂNĂTURĂ / SIGNATURE

VERIFICATOR / EXPERT CHECKER / EXPERT

SEMĂNĂTURĂ / SIGNATURE

VERIFICATOR / EXPERT CHECKER / EXPERT

Acest plan anuleaza si inlocuieste planul nr. PT.02.04.12.RE.01.007 elaborat la data 01.2013.
 This layout plan canceled and replaced layout plan no. PT.02.04.12.RE.01.007 prepared on 01.2013.

Scara / Scale: 1:20;1:10
 Revizia / Revision: 1/05.2013
 Cod desen / Drawing Code: PT.2B.04.12.RE.01.007
 Nr / No: 07/10

Denumire desen / Drawing name:
 Sectiune E-E - Zona stalp de acoperinta peron h=0.38m l=7.05m - Statia Varadia
 Section E-E - Conopy pole area of platform h=0.38m l=7.05m - Varadia Station

Project 91
 35311.1
 Faza / Phase: PTh+CS / TD+TS