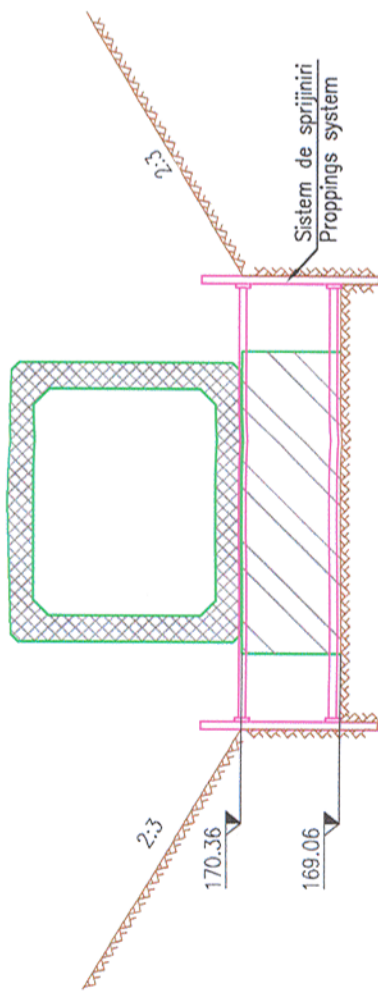


STRATUL DE FUND / BOTTOM LAYER      STRATUL DE MIJLOC / IN BETWEEN LAYER      STRATUL SUPERIOR / TOP LAYER

Sc. 1:500

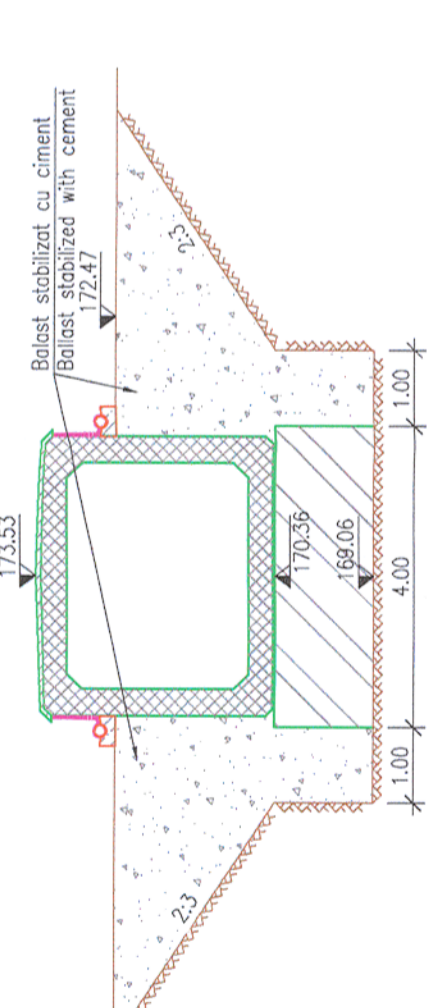
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Sc. 1:500



ETAPA I:

- Se executa sapatura cu sprijiniri pentru realizarea fundatiilor noi (podet si aripi);
  - Se betonaza fundatiile podetului nou si a arilor si se scot sprijinirile concomitent cu operatia de betonare;
  - Se pozeaza elementele prefabricate tip C3EN, si tip A3EN pe fundatiile monolite si se trateaza rosturile dintre elementele prefabricate conform detaliilor din proiect;
  - Pe suprafețele din beton in contact cu pamantul se vor aplica 2 straturi de emulsie din bitum filerizat;
- STAGE I:
- Making the excavation with propping for executing the new foundations (culvert and wings);
  - Concreting the foundations of the new culvert and of the wings and removing the proppings concomitently;
  - Laying-down the precast elements type C3EN and type A3EN on the cast-in-place foundations and treating the joints between the precast elements according to the details in the design;
  - Applying 2 layers of filler bitumen emulsion on the concrete surfaces coming in contact with earth;



ETAPA a-II-a:

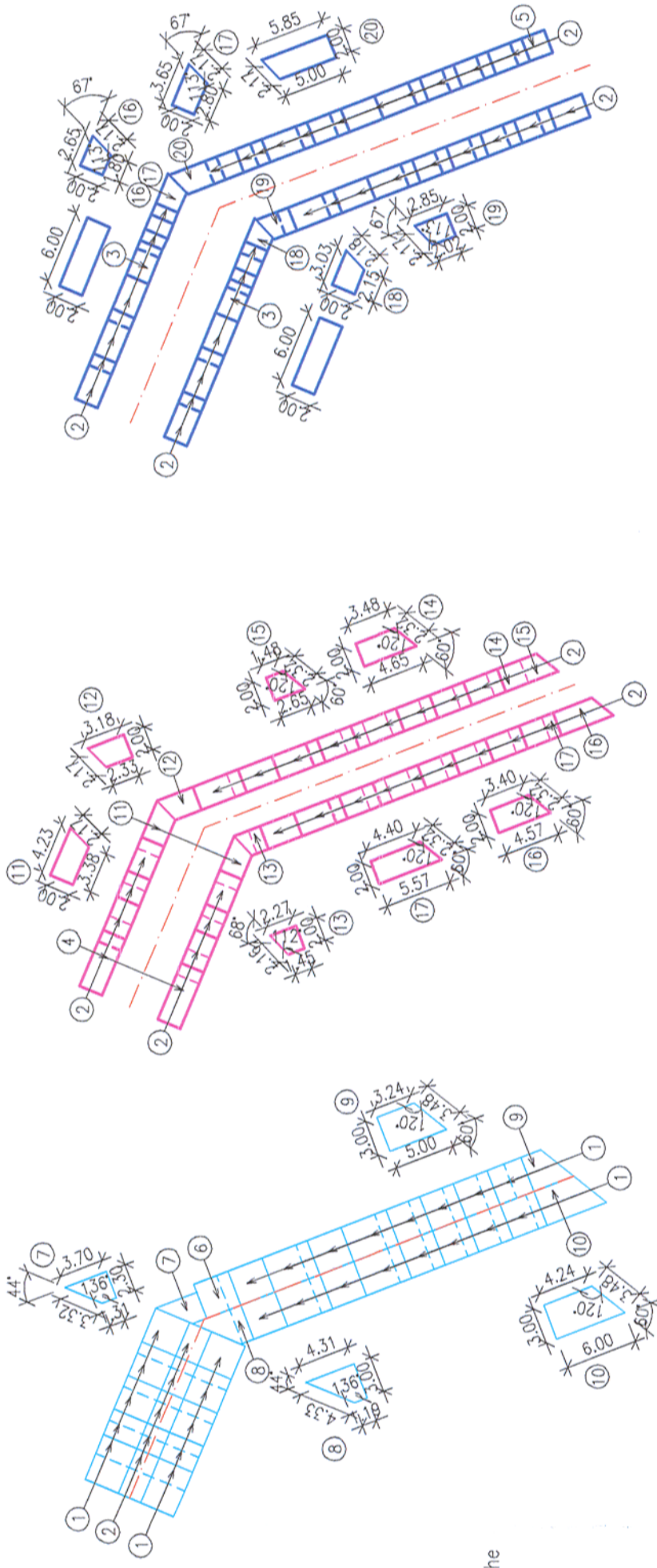
- Se executa sapatura necesara pentru pozarea elementelor prefabricate
  - Se executa umplutura din balast stabilizat cu ciment la cola;
  - Se executa hidroizolatia protejata de sapa hidrofuga la extradosul cadrelor;
  - Se executa fundatia drenului conform detaliilor din proiect;
  - Se executa sistemul drenant (geodren, geotextil si tub);
- STAGE II:
- Making the excavation for posting the precast elements;
  - Executing the filling made of ballast stabilized with cement at the dimension;
  - Executing the waterproofing protected by watertight blanket at the extrados of the frames;
  - Executing the foundation of the drain according to the details in the design;
  - Executing the draining system (geo-drain, geo-textile and tube);

TEHNOLOGIA DE POZARE A ELEMENTELOR PREFABRICATE:

- Pe betonul de fundatie intarit se astern 2cm de mortar de ciment pentru nivelare si 1cm pentru pozare;
- Prefabricatele se aseaza pe fundatia intarita, dupa care se ridica si se observa urma lasata pe stratul de mortar proaspăt. In cazul in care nu s-a realizat aseizarea pe toata suprafata, se completeaza cu mortar de ciment. Operatia se repeta pana cand se obtine rezemarea pe toata suprafata.

PREFABRICATED ELEMENTS LAYING TECHNOLOGY:

- 2cm of cement mortar for levelling and 1cm for laying are placed on the hardened concrete foundation.
- The prefabricated elements are placed on site, after than there are rising and track leaved on the fresh mortar layer is observed. If the laying is not done on the whole surface, cement mortar is cast on. The operation is repeated until the whole supporting surface is obtained.



Prezentul plan anuleaza si inlocuieste versiunea anterioara  
This plan cancels and replaces previous version

Verificator / Expert Checker / Expert	Cerinta Requirement	Semnatura Signature	Referat / Expertiza Report / Expertise
BENEFICIAR / BENEFICIARY: 		COMPANIA NATIONALA DE CAI FERATE "CFR" SA	

PROIECTANT / DESIGNER:			Semnatura Signature
Aprobat Approved	Sef de echipa Team leader	C. Teodorescu	01.2013
Verificat Checked	Expert Cheie Key Expert	R. Tudorascu	01.2013

Subcontractant / Subcontractor			
Aprobat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	01.2013
Proiectat Designed	Inginer Engineer	C. Onu	01.2013

"Reabilitarea liniei c.f. Frontiera - Curtici - Simeria, parte componenta a coridorului IV Pan - European pentru circulatia trenurilor cu viteza maxima de 160 km/h"		Project 9j 35311.1
"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"		Faza / Phase: PTH+CS / TD+TS

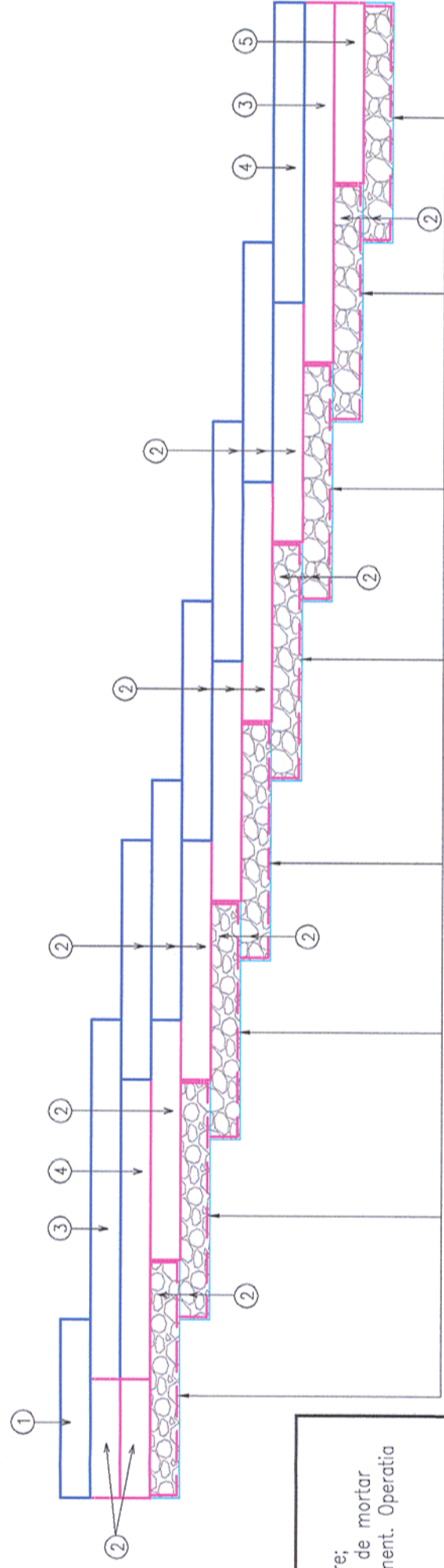
Denumire desen / Drawing name:		TEHNOLOGIE DE EXECUTIE / EXECUTION TECHNOLOGY	
PODET / CULVERT KM pr. 524+838		PODET / CULVERT KM pr. 524+838	

Scara / Scale 1:500, 1:100	Revizia / Revision 1 / 04.2013	Cod desen / Drawing Code PT.02.02.17.PO.13.04	Nr / No 04
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Tip/Type	Dimensiuni/Dimensions[mc]
1	4x3x0.5
2	4x2x0.5
3	6x2x0.5
4	5x2x0.5
5	3x2x0.5
6	3x3x0.5
7	5.65mpx0.5
8	8.26x0.5
9	12.36x0.5
10	15.36x0.5
11	7.61x0.5
12	5.5x0.5
13	3.72x0.5
14	8.13x0.5
15	4.13x0.5
16	4.45x0.5
17	6.45x0.5
18	5.18x0.5
19	4.87x0.5
20	10.85x0.5

SECTIUNE LONGITUDINALA AMENAJARE AMONTE / UPSTREAM ARRANGEMENT LONGITUDINAL SECTION

Sc. 1:100



Geotextil/Geotextile