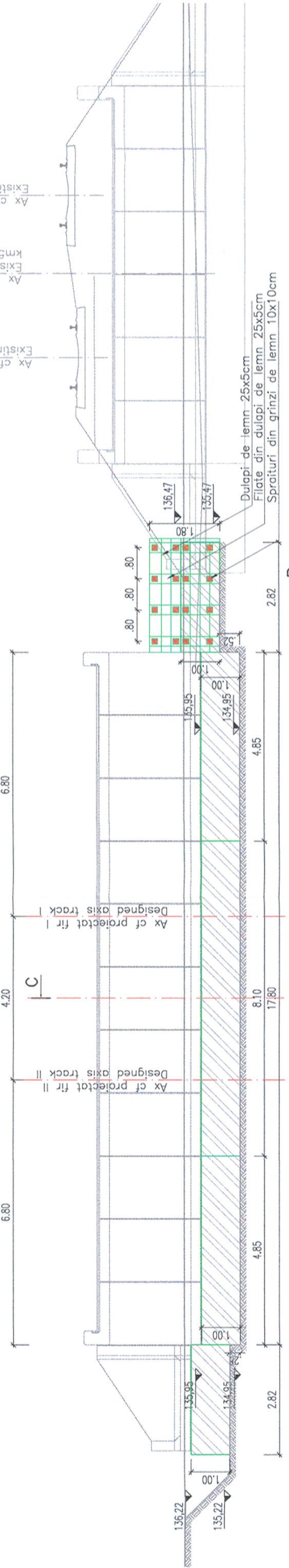
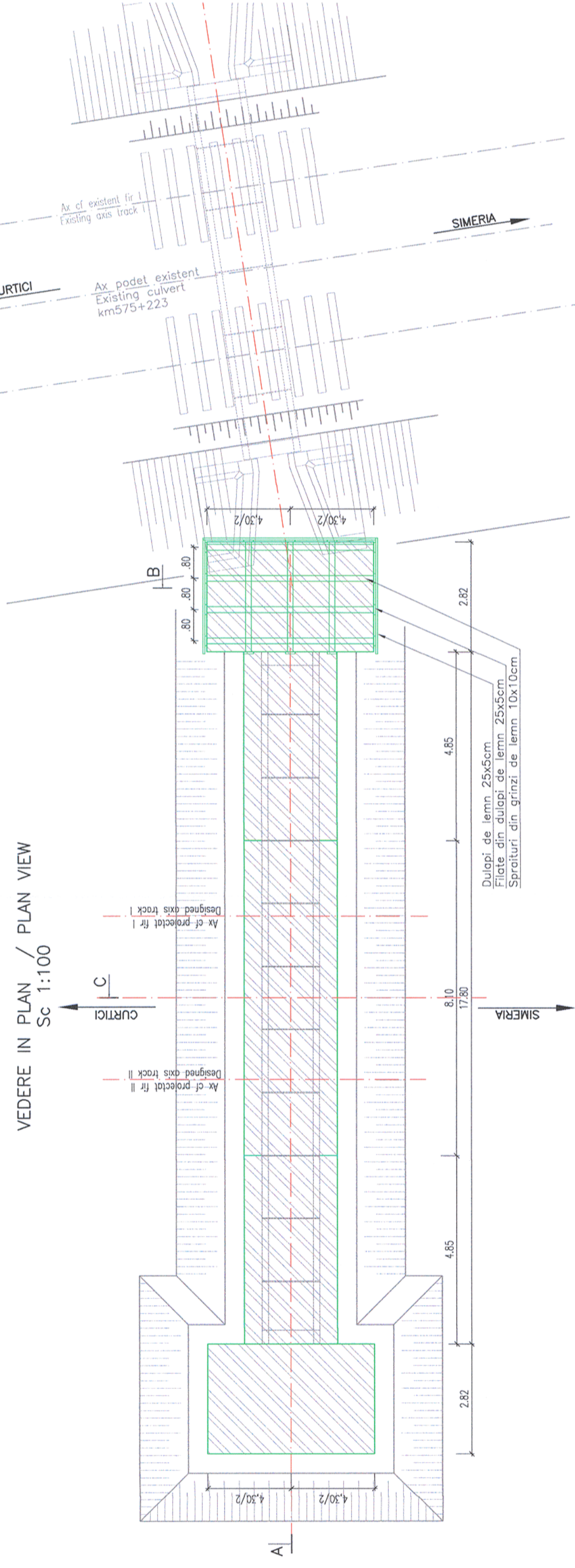


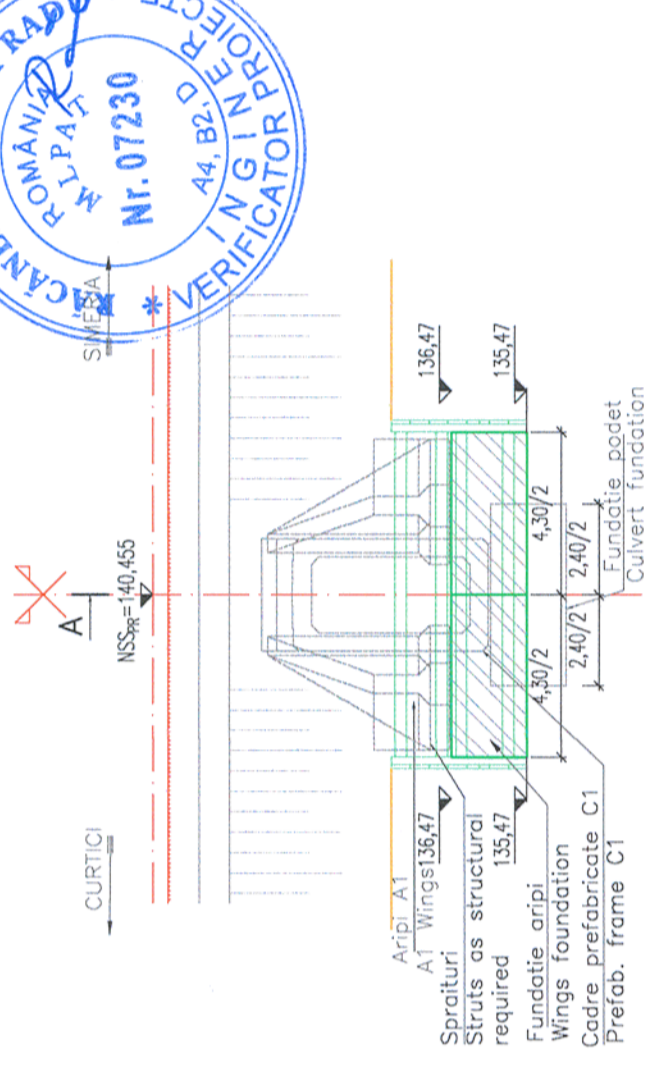
SECTIUNE LONGITUDINALA / LONGITUDINAL SECTION A-A
Sc 1:100



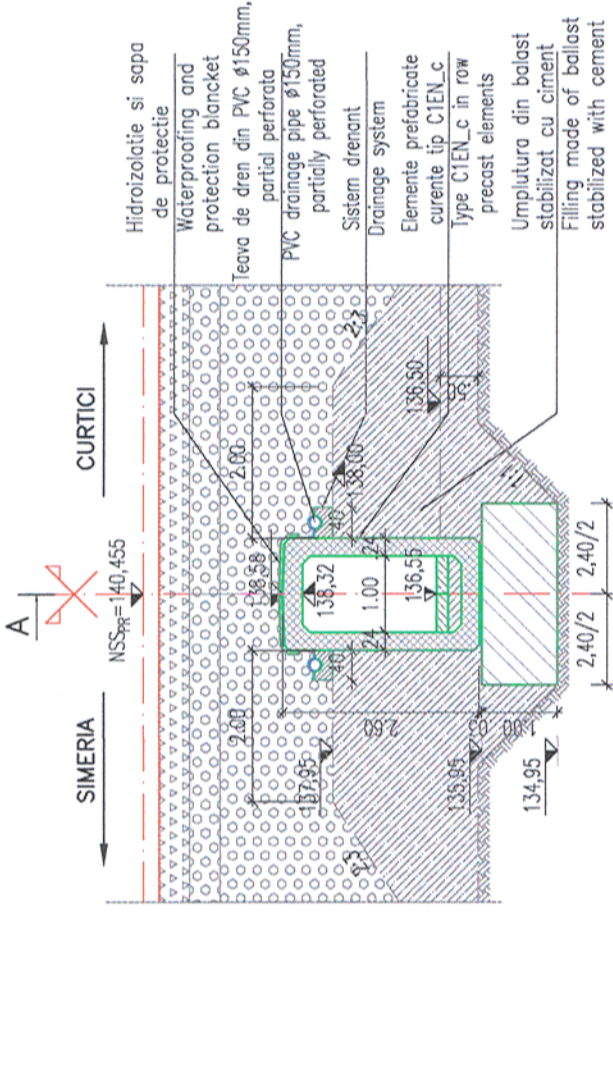
VEDERE IN PLAN / PLAN VIEW
Sc 1:100



SECTIUNE B-B/ B-B SECTION
Sc 1:100



SECTIUNE C-C/ C-C SECTION
Sc 1:100



TEHNOLOGIA DE POZARE A ELEMENTELOR PREFABRICATE:
1. Pe betonul de fundatie intarit se astern 3cm de mortar de ciment
(2cm pentru nivelare si 1cm pentru pozare).
2. Prefabricatele se aseaza in amplasament, dupa care se ridica si se observa urma lasata pe stratul de mortar proaspalt. In cazul in care nu s-a realizat asezarea pe toata suprafata, se completeaza cu mortar de ciment de poză. Operatia se repeta pana cand se obtine rezemarea pe toata suprafata.

PREFABRICATED ELEMENTS LAYING TECHNOLOGY:
1. 3cm of cement mortar are placed on the hardened concrete foundation
(2cm for levelling and 1cm for laying).
2. The prefabricated elements are placed on site, after than there are rising and the 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 till the whole supporting surface is obtained.

- TEHNOLOGIE DE EXECUTIE
- FAZA I – LUCRARI PREGATOARE:
1. Se amenajeaza drumul de acces, platforma tehnologica si organizarea de santier.
2. Se executa lucrari de pichetare, de protectie si/sau deviere instalatii semnalizare si telecomunicatii din zona lucrarilor.
- FAZA II – EXECUTIE PODET NOU :
Faza II – circulatie cu viteza normala
Faza II – circulatie cu viteza normala
1. Se asigura tranzitarea apelor pe zona podetului.
2. Se executa sapatura deschisa pentru realizarea fundatiilor noi (podet si arpi oval).
3. Se betonizeaza fundatiile podetului si arpiilor oval, iar in rosturile dintre fundatii se introduce doua foi de carton bitumat.
4. Se demoleaza partial arpiile avol la podetului existent.
5. Se executa sapatura cu sprinjiri pentru realizarea fundatiilor noi la arpiile amonte.
6. Se betonizeaza fundatiile arpiilor amonte, iar in rosturile dintre fundatii se introduce doua foi de carton bitumat.
7. Se pozaza elementele prefabricate tip CIEN si elementele prefabricate tip AIEN, pe fundatiile monolite si se trateaza rosturile dintre elementele prefabricate conform detaliilor din proiect.
8. Se executa umplutura in spatiele podetului, conform coteiului de sacri.
9. Se executa trenurile laterale la cota, conform detaliilor din proiect.
10. Se monteaza hidroizolatia si sapa de protectie a hidroizolatiei.
11. Se completeaza umplutura, conform coteiului de sacri, se executa terasamentul si calea in zona podetului contori proiectate.
- FAZA III – ALTE TIPURI LUCRARI:
Sub circulatie cu viteza normala pe ambele linii
1. Se monteaza parapetul de protectie metalic.
2. Se executa pereli in podet si intre arpi.
3. Se executa scariile de acces pe terasament.
4. Se executa saltielele din amonamente de la capetele podetului.
5. Se calibreaza cubia in amonante si oval de podet conform proiectului.
6. Se desliniteaza organizarea de santier si platforma de lucru.
- EXECUTION TECHNOLOGY
- STAGE I – PRELIMINARY WORKS:
During normal speed traffic on both lines
1. Arranging the access road, the technological platform and the site organization.
2. Executing pegging-out, protection and/or deviation works for signalling and telecommunication installations.
- STAGE II – EXECUTION OF NEW CULVERT
Track II – normal speed traffic
1. Ensuring the water transit on the culvert area.
2. Executing open excavation to execute the new foundations (culvert and downstream wings).
3. Concreting the foundations of the culvert and downstream wings and introducing two asphalt board falls into the joints between foundations.
4. Partially demolishing the downstream wings of the existing culvert.
5. Executing propped-up excavation to execute new foundations at the upstream wings.
6. Concreting the foundations of the upstream wings and introducing two asphalt board falls into the joints between foundations.
7. Laying-down the precast elements type CIEN and the precast elements type AIEN on monolith foundations and treating the joints between the precast elements according to the design details.
8. Executing the filling behind the culvert, according to the technical specifications.
9. Executing the lateral drains at quota, according to the technical specifications.
10. Placing the waterproofing and the protection blanket of the waterproofing.
11. Completing the filling, according to the technical specifications, executing the embankment and the track in the area of the culvert according to the design quotas.
- STAGE III – OTHER TYPES OF WORKS:
During normal speed traffic on both lines:
1. Mounting the metallic guard rails.
2. Executing the pitching in the culvert and between the wings.
3. Executing the access stairs to the embankment.
4. Executing the riprap mattresses at the ends of the culvert.
5. Calibrating the riverbed from upstream and downstream culvert according to the design.
6. Removing the site organization and the work platform.

<p>Prezentul plan anuleaza si inlocuieste versiunea anterioara This plan cancels and replaces previous version</p>		<p>MINISTERUL TRANSPORTURILOR</p>	<p>European Investment Bank</p>	<p>ROMANIA</p>	<p>CFR ROMANIA</p>	
<p>Verificator / Expert Checker / Expert</p>	<p>Cerinta Requirement</p>	<p>Semnatura Signature</p>	<p>Refugiu / Expertiza Report / Expertise</p>	<p>PROIECTANT / DESIGNER: PÖYRY</p>		
<p>Aprobat Approved</p>	<p>Sef de echipa Team leader</p>	<p>Data Date</p>	<p>Semnatura Signature</p>	<p>COMPANIA NATIONALA DE CAI FERATE "CFR" SA</p>		
<p>Verificat Checked</p>	<p>Expert Cheie Key Expert</p>	<p>01.2013</p>	<p>C. Teodorescu</p>	<p>PROIECTANT / DESIGNER: PÖYRY</p>		
<p>Subcontractant / Subcontractor</p>	<p>Expert Cheie Key Expert</p>	<p>01.2013</p>	<p>R. Tudorascu</p>	<p>COMPANIA NATIONALA DE CAI FERATE "CFR" SA</p>		
<p>Aprobat Approved</p>	<p>Adjunct Sef de echipa Deputy Team leader</p>	<p>01.2013</p>	<p>A.M. Baicu</p>	<p>PROIECTANT / DESIGNER: PÖYRY</p>		
<p>Proiectat Designed</p>	<p>Inginer Engineer</p>	<p>01.2013</p>	<p>V. Aldescu</p>	<p>COMPANIA NATIONALA DE CAI FERATE "CFR" SA</p>		
<p>"Reabilitarea liniei c.f. Curtici - Simeria, parte componenta a coridorului IV Pan - European pentru circulatia trenurilor cu viteza maxima de 160 km/h"</p>		<p>01.2013</p>		<p>PROIECTANT / DESIGNER: PÖYRY</p>		
<p>"Reabilitarea liniei c.f. Curtici - Simeria, parte componenta a coridorului IV Pan - European pentru circulatia trenurilor cu viteza maxima de 160 km/h"</p>		<p>01.2013</p>		<p>COMPANIA NATIONALA DE CAI FERATE "CFR" SA</p>		
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<p>Denumire desen / Drawing name: TEHNOLOGIE DE EXECUTIE / EXECUTION TECHNOLOGY PODET / CULVERT KM pr. 571+686 (KM ex. 575+223)</p>		<p>01.2013</p>		<p>COMPANIA NATIONALA DE CAI FERATE "CFR" SA</p>		
<p>Scara / Scale 1:100</p>	<p>Revizita / Revision 1 / 04.2013</p>	<p>Cod desen / Drawing Code PT.02.02.09.PO.04.04</p>	<p>Nr / No 04</p>	<p>COMPANIA NATIONALA DE CAI FERATE "CFR" SA</p>		

