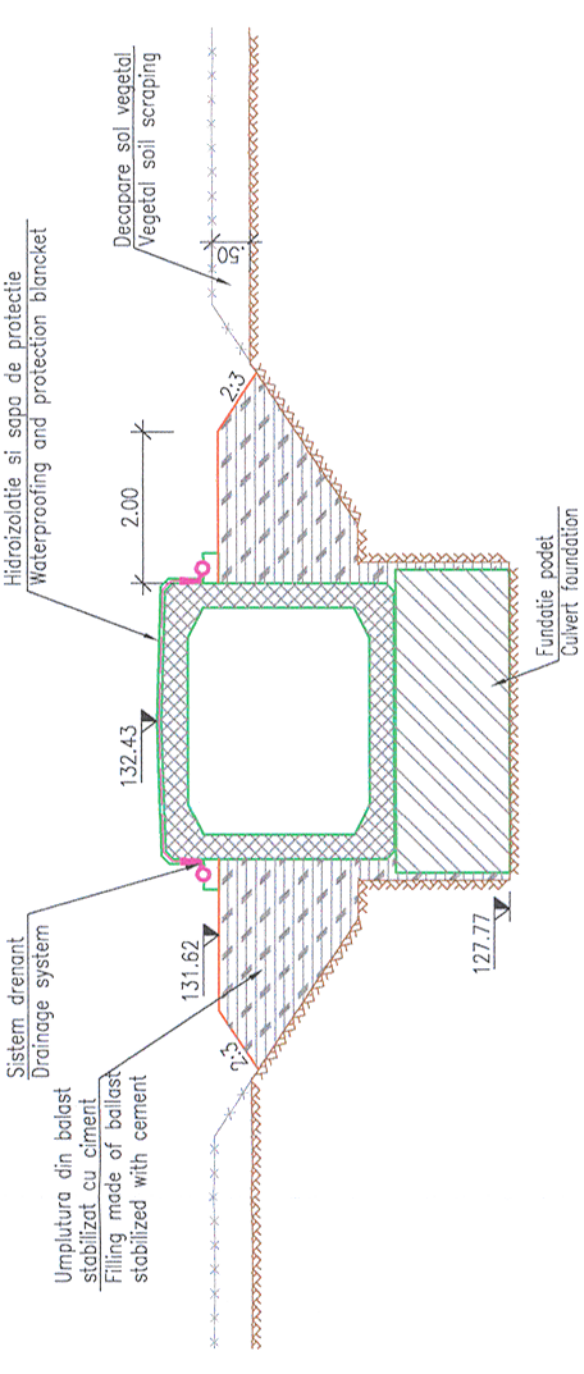
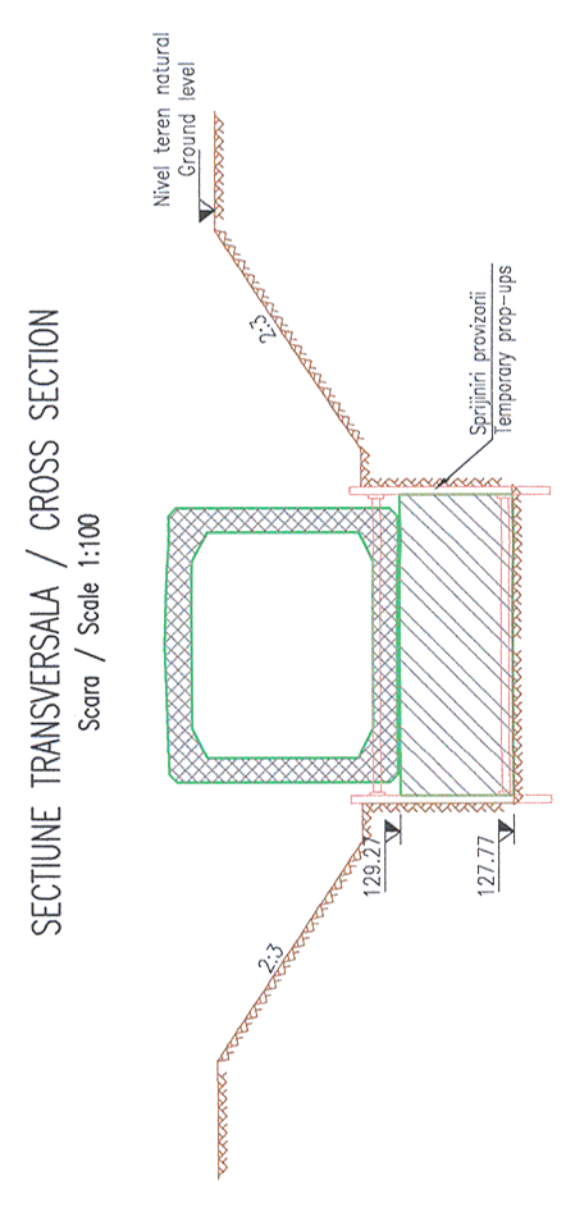


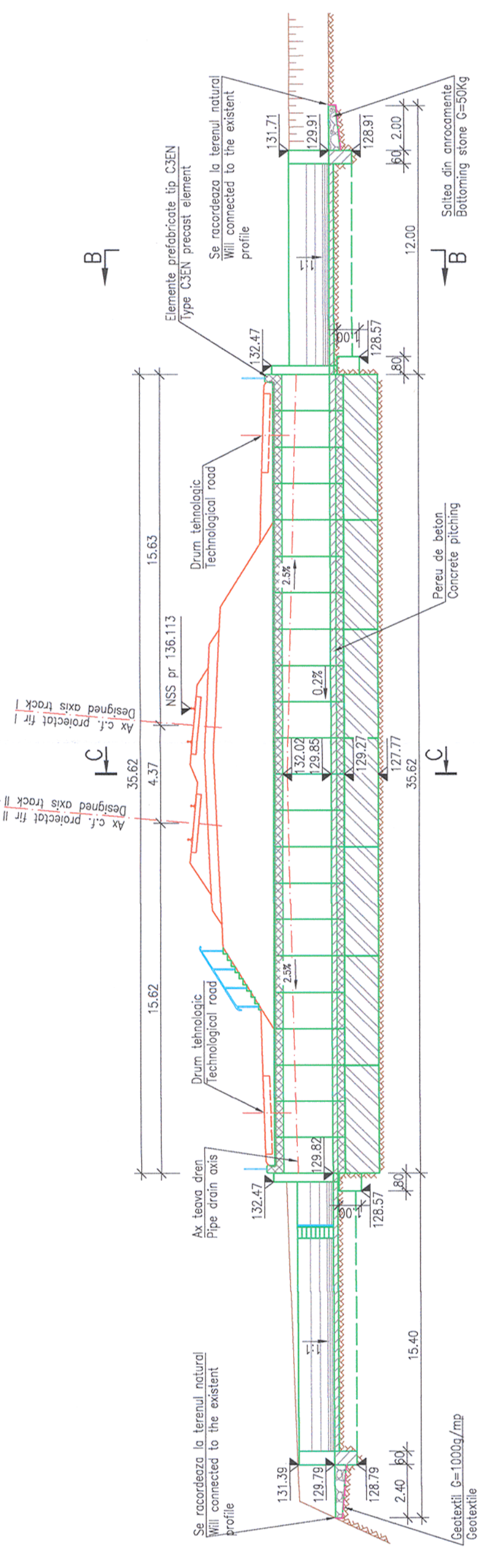
SECTIUNE TRANSVERSALA / CROSS SECTION
Scara / Scale 1:100



SECTIUNE TRANSVERSALA / CROSS SECTION
Scara / Scale 1:100



SECTIUNE LONGITUDINALA A-A/ A-A LONGITUDINAL SECTION
Scara/Scale 1:200



- TEHNOLOGIA DE POZARE A ELEMENTELOR PREFABRICATE:
- Pe betonul de fundatie inarhit se astern 3cm de mortar de ciment (2cm pentru nivelare si 1cm pentru pozare).
 - Prefabricatele se aseaza in amplasament, dupa care se ridica si se observa urma lasata pe stratul de mortar proaspăt. In cazul in care nu s-a realizat asezarea pe toata suprafata, se completeaza cu mortar de ciment de poza. Operatia se repeta pana cand se obtine rezemarea pe toata suprafata.
- PREFABRICATED ELEMENTS LAYING TECHNOLOGY:
- 3cm of cement mortar are placed on the hardened concrete foundation (2cm for levelling and 1cm for laying).
 - 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.

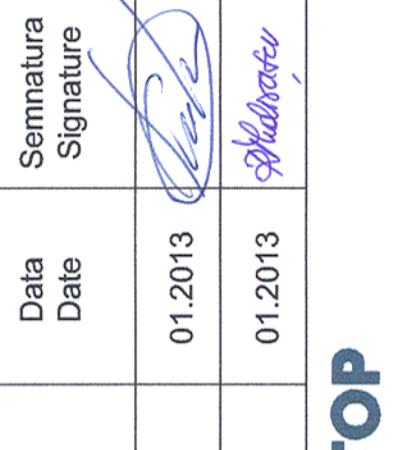
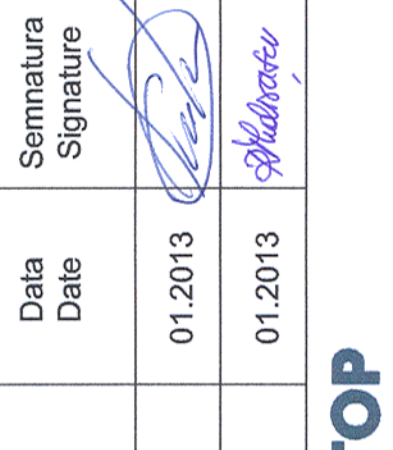
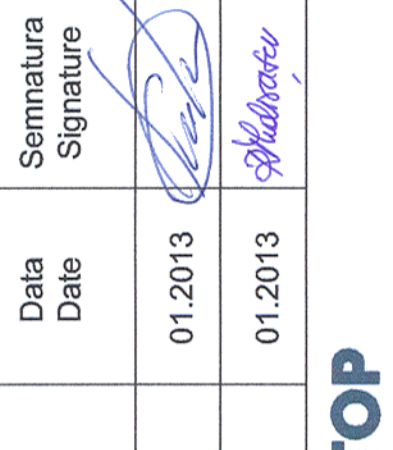
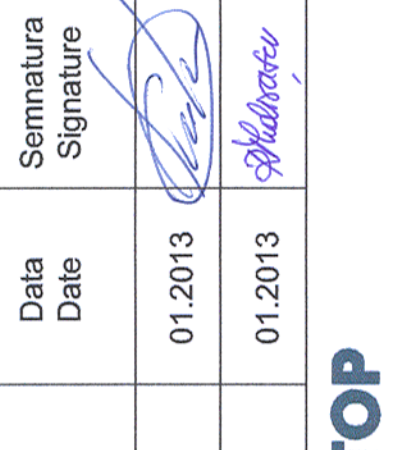
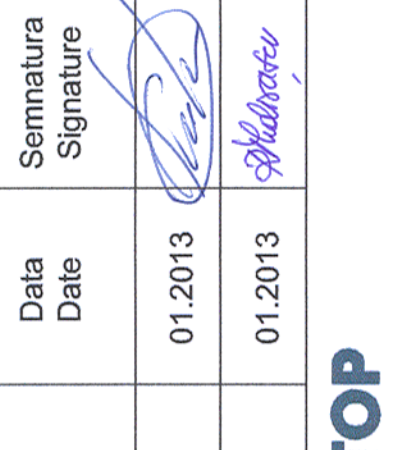
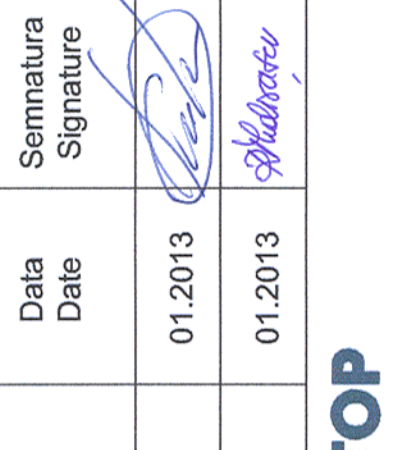
- ETAPA I:
- Se amenajeaza drumul de acces, platforma tehnologica si organizarea de santier.
 - Se traseaza si picneteaza axele liniilor pentru traseul nou proiectat si infrastructurilor podetului nou.
 - Se executa sapatura cu sprijiniri pentru realizarea fundatiilor noi (podet si aripi).
 - Se betoneaza fundatiile podetului si arpiilor si se scot sprinjiniile.
 - Se aseaza elementele prefabricate tip C3EN si timpanele pe fundatiile monolite si se traseaza rosturile dintre elementele prefabricate conform detaliilor din proiect.
 - Pe suprafetele din beton in contact cu pamantul se vor aplica 2 straturi de emulsie din bitum filerizat.
- STAGE I:
- Arranging the access road, technological platform and site organization.
 - Marking-out and pegging-out the axes of the lines for the new designed route and the new culvert infrastructures.
 - Making the excavation with propping for executing the new foundations (culvert and wings).
 - Concreting the foundations of the culvert and of the wings and removing the propping.
 - Placed the precast elements type C3EN and tympanes 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 II:
- Se executa sapatura de minim 50cm sub nivelul terenului natural.
 - Se executa umplutura din balast stabilizat cu ciment la cold.
 - Se executa fundatia drenului conform detaliilor din proiect.
 - Se executa hidroizolatie si sistemul drenant (geodren, geotextil, tub si material drenant).
 - Se executa sapa hidrofluga la extradosul cadrului.
 - Se executa peraul in podet si intre arpi.
 - Se executa salteaua din anrocamente la capatul din amonte si oval a podetului.
 - Se amenajeaza albia podetului in amonte si oval, conform proiectului.
- STAGE II:
- Making the excavation of min 50cm under the level of the natural ground.
 - Executing the filling made of ballast stabilized with cement at the dimension.
 - Executing the foundation of the drain according to the details in the design.
 - Executing the waterproofing and the draining system (geo-drain, geo-textile, tube and draining material).
 - Executing protected by watertight blanket at the extrados of the frames.
 - Executing the pitching in the culvert and between the wings.
 - Executing the mattress of riprap at the upstream and downstream end of the culvert.
 - Arranging the riverbed of the upstream and downstream culvert, according to the design.

- ETAPA III - DUPIA EXECUTAREA TERASAMENTULUI:
- Se executa scările de acces pe terasament.
 - Se monteaza parapetul de protectie metalic.
 - Se dezafecteaza platformele, accesele din zona de lucru, organizarea de santier.
- STAGE III - AFTER THE EXECUTION OF THE EMBANKMENT:
- Executing the stairs for access to embankment.
 - Mounting the metallic guard rails.
 - Closing-down the platforms, the accesses form the working area, the site organisation.

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		

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

Denumire desen / Drawing name: TEHNOLOGIE DE EXECUTIE / EXECUTION TECHNOLOGY PODET / CULVERT KM pr. 581+633		Scara / Scale 1:200 ; 1:100	Revizia / Revision 1 / 04.2013	Cod desen / Drawing Code PT.02.02.09.PO.15.04	Nr / No 04
"Reabilitarea liniei c.f. Frontiera - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h" Tronsoanel 2-A : km 614 - cap Y Bărzava "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-A : km 614 - end Y Bărzava		Project 9i 35311.1 Faza / Phase: PTH+CS / TD+TS			