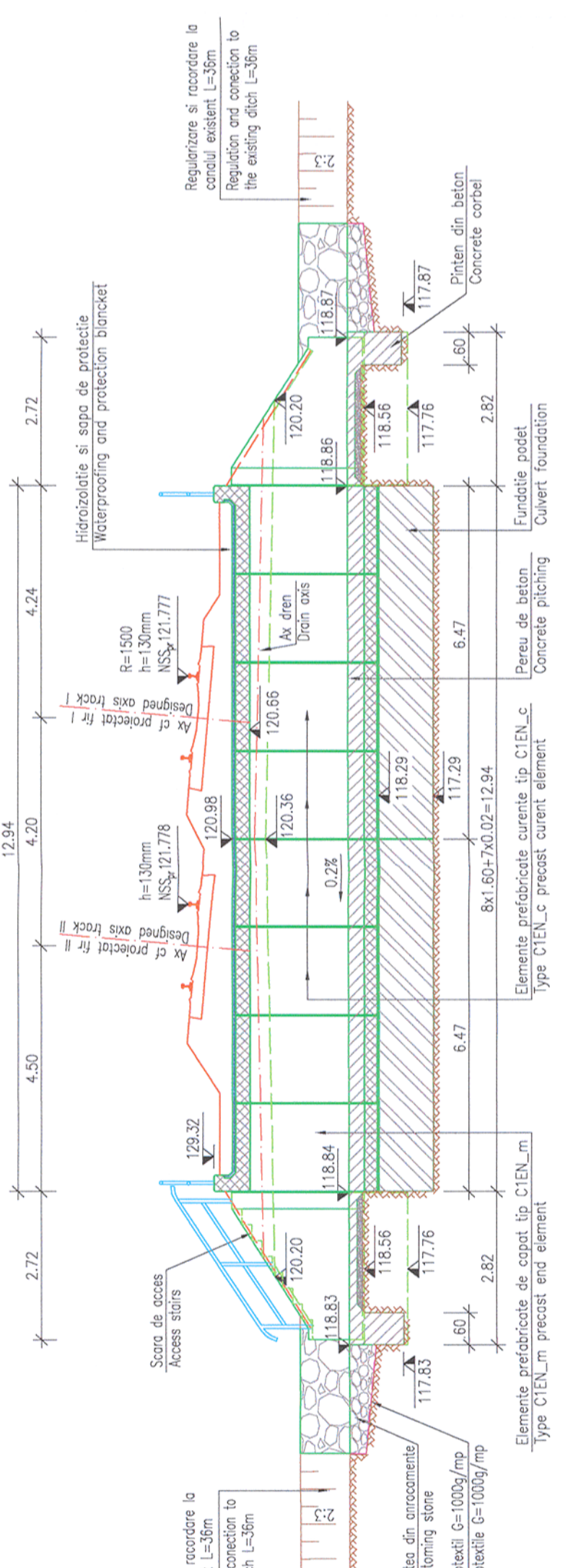


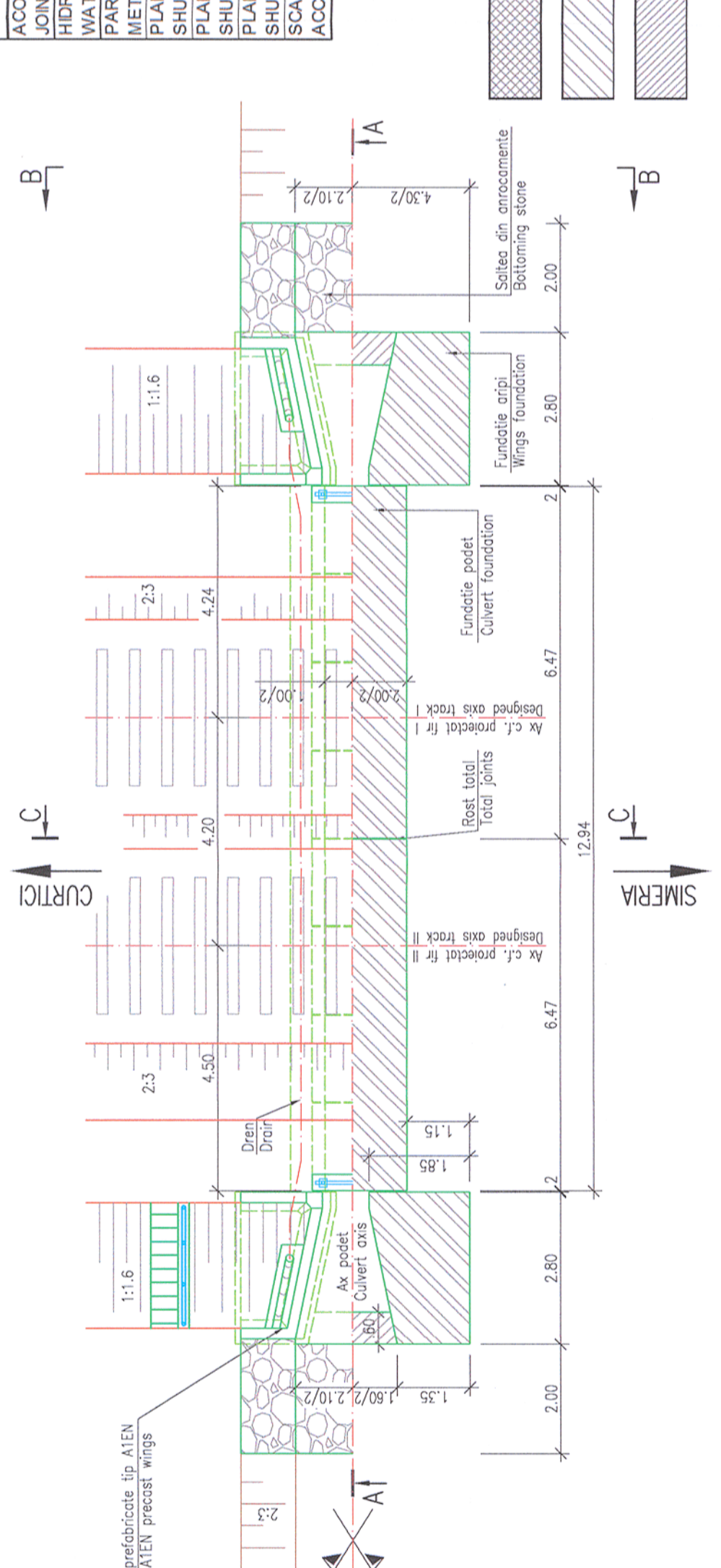
SECTIUNE LONGITUDINALA A-A / A-A LONGITUDINAL SECTION

Sc. 1:100



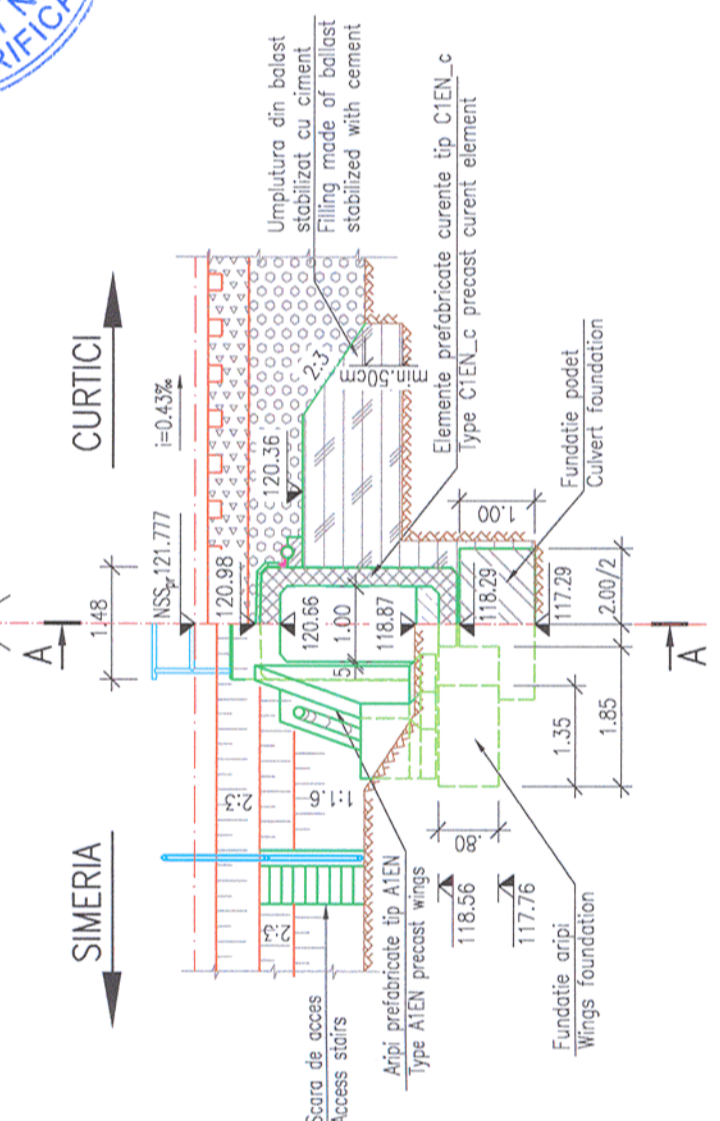
VEDERE IN PLAN SI PLAN FUNDATII / PLAN VIEW AND FOUNDATIONS PLAN

Sc. 1:100



VEDERE B-B / B-B VIEW

Sc. 1:100

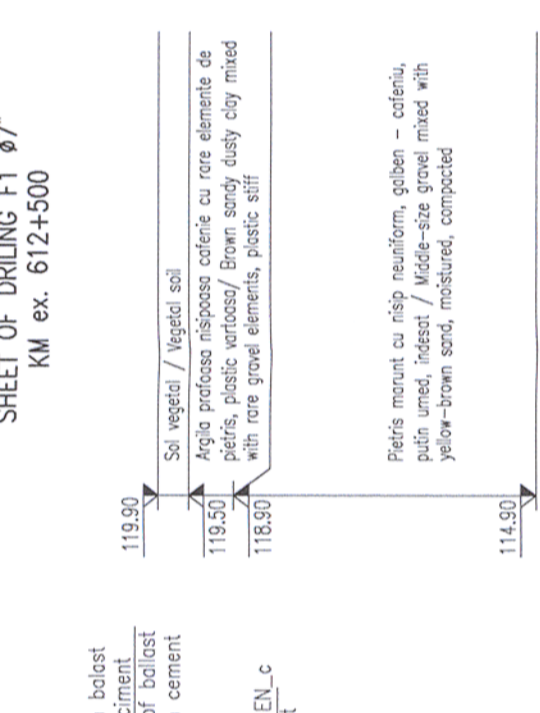


SECTIUNE C-C / C-C SECTION

Sc. 1:100



FISA FORAJULUI F1 Ø7"
SHEET OF DRILING F1 Ø7"
KM ex. 612+500



NOTA:

1. Prezentul plan s-a intocmit in baza urmatoarelor date:
 - studii topografic;
 - studii geotehnic;
 - date culesse pe teren
2. Pentru realizarea podetului nou se vor executa urmatoarele lucrari:
 - se va executa podet nou tip CIEN;
 - racordarea podetului nou cu terasamentele va fi asigurata in amonte si aval cu arpi prefabricate tip AIEN;
 - parapet din teava metalica pe timpanele podetului;
 - se prevad scari de acces pe terasament, de o parte si alta a podetului;
 - se va amenaja albia in interiorul podetului si intre arpi cu perei;
 - saltele de 2.00m lungime, din piatra bruta la capatul amonte si aval al podetului;
 - Regularizare si racordare la canalul existent pe 36.0m in aval si 36.0m in amonte de podet;
 - La turnarea betonului in fundatii, se vor realiza rosturi totale. Rosturile din fundatii se vor suprapune rosturilor intre cadrele prefabricate;
3. La executie se vor respecta cu strictete prevederile din SR EN 206-1, "Codul de practica pentru executarea lucrarilor din beton, beton armat si beton precomprimat. Producere beton", indicativ NE 012-1:2007, NE 012-2:2010 si NE 013/2002, din "Normativul pentru verificarea calitatii si receptia lucrarilor de constructii aferente" indicativ C56-85 si a Caietului de Sarcini.
4. Conform H.G. 766/1997 lucrarea se incadreaza in categoria "B" a constructiilor de importanta deosebita.
5. Proiectul va fi verificat de verificatori atestati MLPAT la exigentele A.4, B.2 si D.2.

NOTA:

1. The present drawing was drafted based on the following data:
 - topographic study;
 - geotechnical study;
 - data collected on site;
2. In order to execute the new culvert, there will not be carried on the next works:
 - there will be carried on a new culvert type CIEN;
 - the connection of the new culvert with the embankments will be ensured upstream and downstream with precast wings type AIEN;
 - handrail made of metallic pipes on the both tympan of the culvert;
 - there are provided access scales on the embankment, on one side and the other side of the culvert;
 - there will be arranged the riverbed inside the culvert and between the wings with pitching;
 - the mattresses of 2.00 m length made of rubble stone at the upstream and downstream end of the culvert;
 - Regulation and connection to the existing ditch 36.0m upstream and 36.0m downstream from the culvert;
 - all the visible concrete surfaces will be waterproofed;
 - When casting the concrete of foundations, the total joints will be executed. The joints from foundations will overlap on the joints existent between the precast frames;
1. The provisions of the following legislation are to be strictly observed during execution "Code of practice for executing the concrete, reinforced concrete and prestressed concrete works", indicative NE 012-2007, NE 012-2:2010 and NE 013/2002, "Normative for checking the quality and the taking-over of related construction works" indicative C56-85, SR EN 206-1 and Technical Specifications.
2. Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
3. The project will be verified at A.4, B.2 and D.2 requirements.

PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS

ACOPERIRE ROSTURI ELEMENTE PREFABRICATE JOINTS COVERING PRECAST ELEMENTS	P	T	0	2	0	0	0	0	0	1
HIDROIZOLATIE SI SISTEM DE DRENARE PODETE WATERPROOFING AND DRAINAGE SYSTEM CULVERTS	P	T	0	2	0	0	0	0	0	2
PARAPET METALIC PODETE METALLIC HANDRAIL CULVERTS	P	T	0	2	0	0	0	0	0	3
PLAN COFRAJ CADRU TIP CIEN_m SHUTTERING PLAN FRAME TYPE CIEN_m	P	T	0	2	0	0	0	0	0	7
PLAN COFRAJ CADRU TIP CIEN_c SHUTTERING PLAN FRAME TYPE CIEN_c	P	T	0	2	0	0	0	0	0	8
PLAN COFRAJ ARIPA TIP AIEN SHUTTERING PLAN WING ATEN TYPE	P	T	0	2	0	0	0	0	0	1
SCARA DE ACCES SI BALUSTRADA METALICA ACCESS STAIRS AND METALLIC BALUSTRADE	P	T	0	2	0	0	0	0	0	2

LEGENDA BETOANELOR/CONCRETE LEGEND conform NE 012-1:2007/SR EN 206-1

BETON C35/45 - Clasa de expunere XC4+XD1+XF3, agregate Dmax 22 ELEMENTE PREFABRICATE/PREFABRICATED ELEMENTS	
BETON C25/30 - Clasa de expunere XC2+XF1+XA1, agregate Dmax 22. FUNDATII DIRECTE/DIRECT FOUNDATIONS	
BETON C25/30 - Clasa de expunere XC4+XF1+XM1, agregate Dmax 16. SAPA DE PROTECTIE A HIDROIZOLATIEI/WATERPROOFING PROTECTION	
BETON C25/30 - Clasa de expunere XC4+XF3+XA1, agregate Dmax 22. PEREU SI SCARI DE ACCES/PITCHING AND ACCESS STAIRS	
BETON C16/20 - Clasa de expunere X0+XF3, agregate Dmax 16. DREN / DRAINAGE	

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

VERIFICATOR / EXPERT
CHECKER / EXPERT

Cerinta
Requirement

Semnatura
Signature

REGISTRUL EXPERTISE
REPORT EXPERTISE

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NATIONALA DE CAI FERATE "CFR" SA

PROIECTANT / DESIGNER:

PÖYRY

Approbat Approved	Sef de echipa Team leader	C. Teodorescu	Data Date	01.2013	Semnatura Signature	
Verificat Checked	Expert Cheie Key Expert	R. Tudorascu		01.2013		

Subcontractant / Subcontractor

VIOTOP

Approbat Approved	Adjunct Sef de echipa Deputy Team leader	A.M. Baicu	Data Date	01.2013	Semnatura Signature	
Proiectat Designed	Inginer Engineer	Oct. Lupu		01.2013		

"Reabilitarea liniei c.f. Frontieră - Curtici - 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

Denumire desen / Drawing name:
DISPOZITIE GENERALA / GENERAL LAYOUT
PODET / CULVERT KM pr. 609+243

Project 9i
35311.1

Faza / Phase:
PTH-CS / TD+TS

Scara / Scale 1:100	Revizia / Revision 1 / 04.2013	Cod desen / Drawing Code PT.02.02.01.PO.06.03	Nr / No 03
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