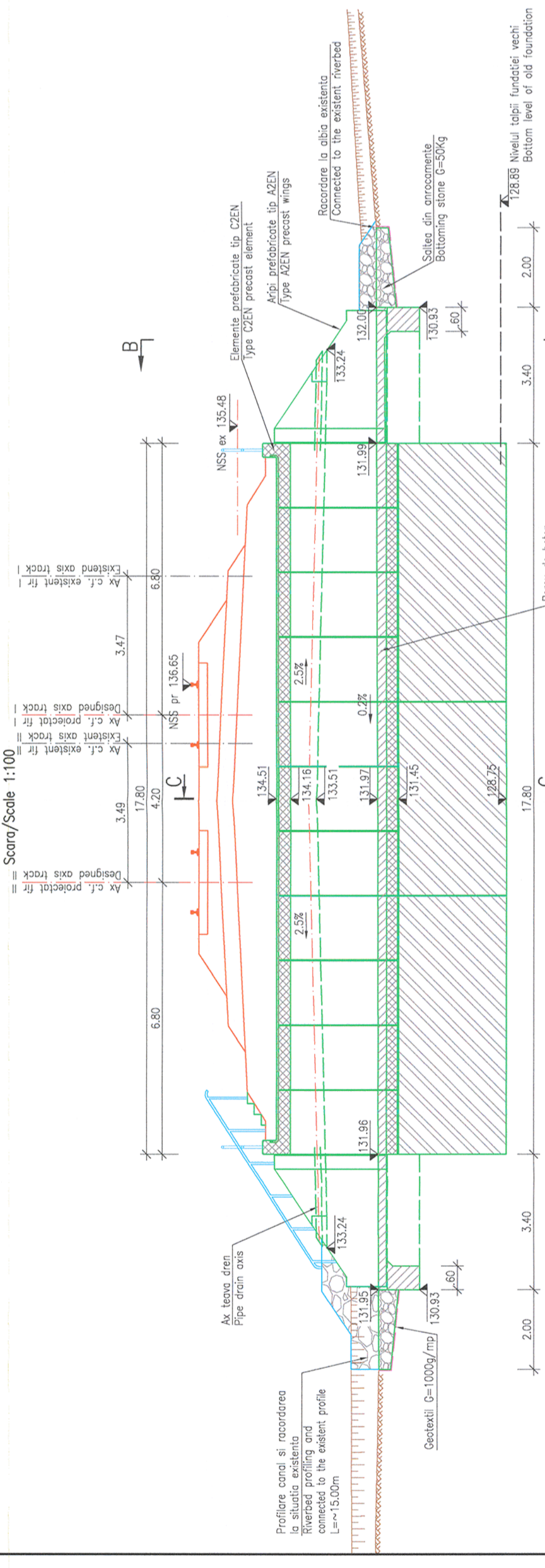
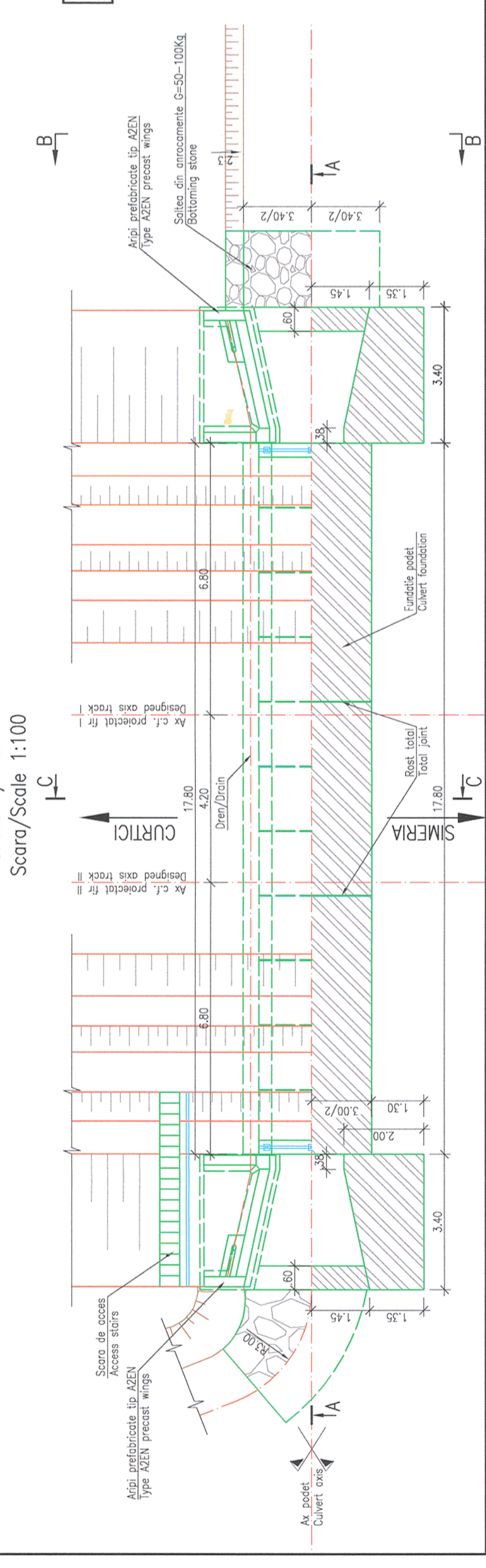


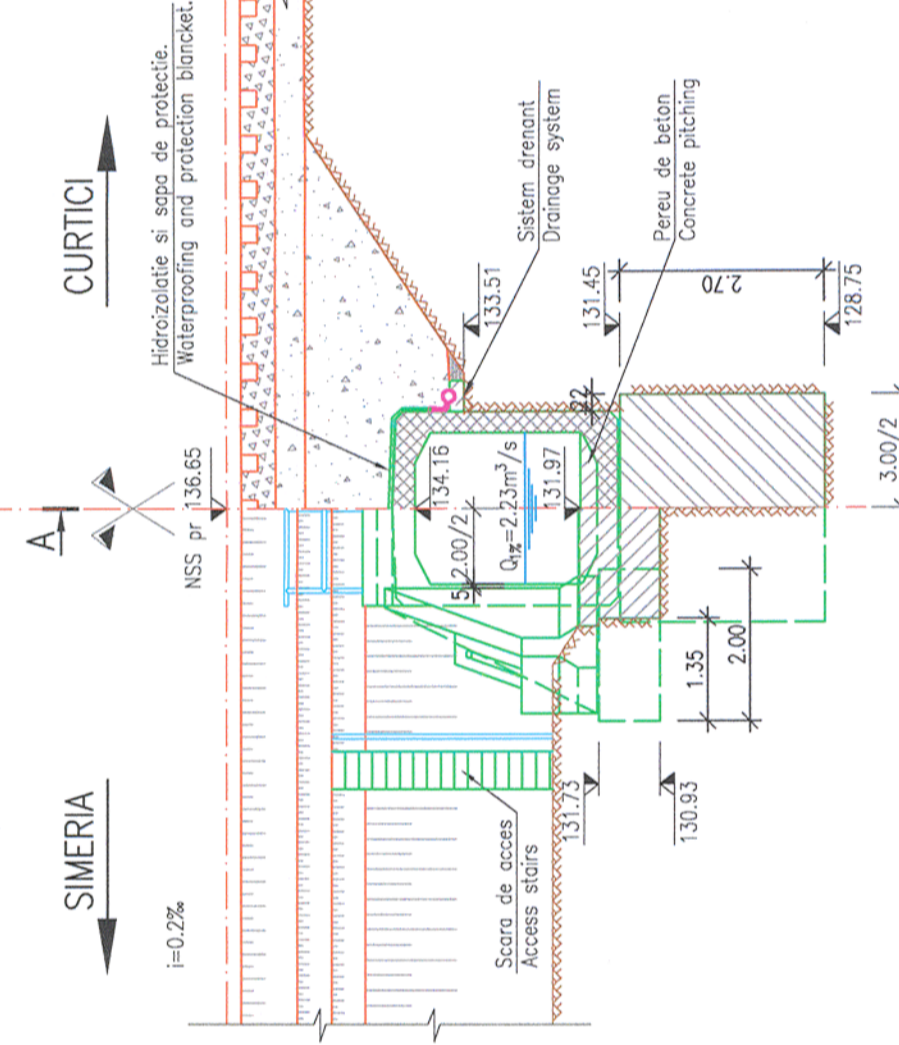
SECTIUNE LONGITUDINALA A-A/ A-A LONGITUDINAL SECTION
Scara/Scale 1:100



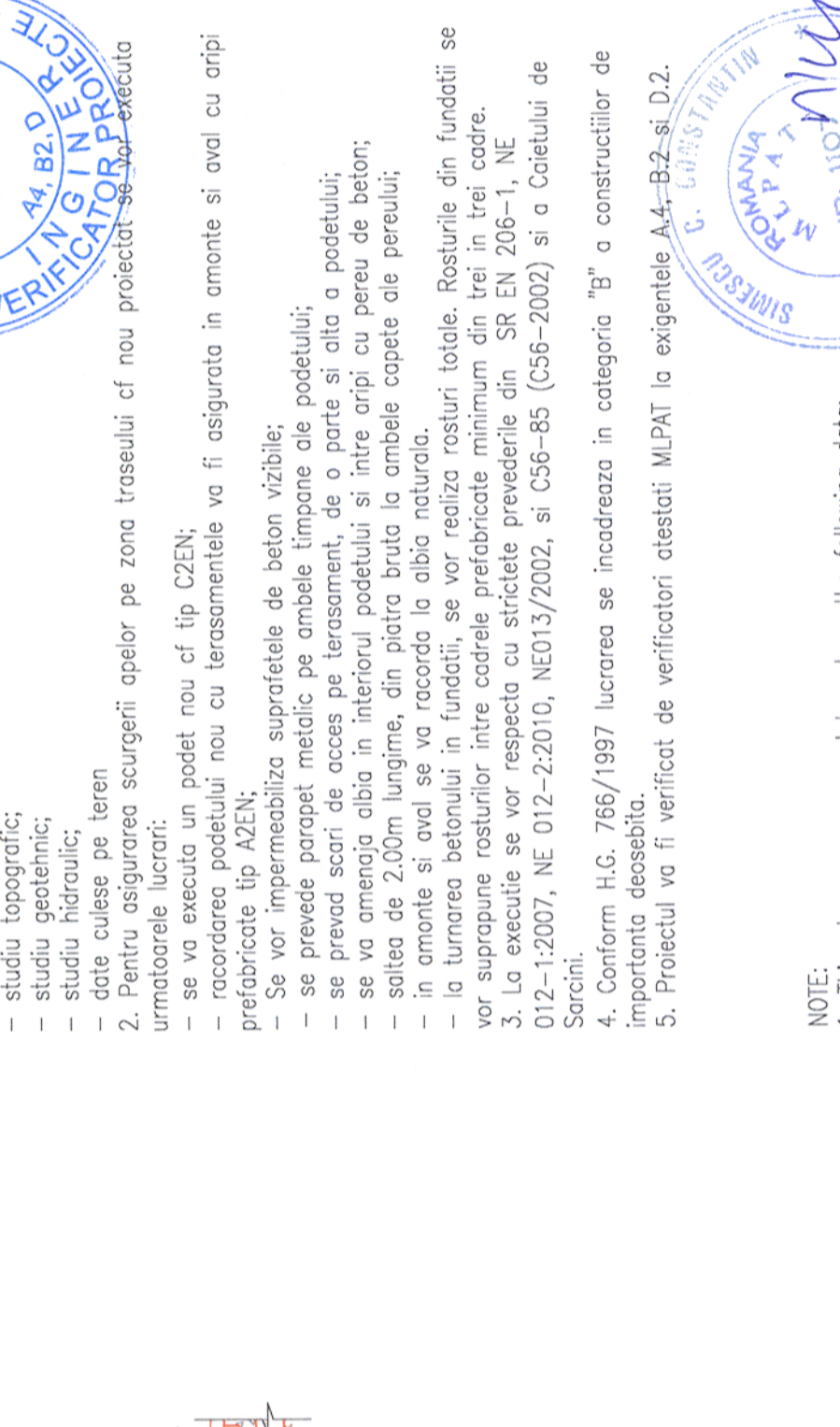
VEDERE PLANA SI PLANUL FUNDATIILOR/ PLAN VIEW AND FOUNDATIONS PLAN
Scara/Scale 1:100



VEDERE B-B / B-B VIEW
Scara/Scale 1:100



SECTIUNE C-C / C-C SECTION
Scara/Scale 1:100



Fisa forajului F1 KM ex 580+836 conform Raportului de expertiza tehnica Drilling sheet F1 existing KM 580+836 according to the Technical expertise report

132.48	Umplutura din prof nisipos argilos, cu pietris si resturi de caramida, plastic vartos
131.18	Filling made of clayey sandy dust, mixed with gravel and brick remains, plastic stiff
128.98	Agila, plastic vartoasa
127.68	Prof nisipos argilos, plastic consistent
126.48	Pietris mic, cu nisip, saturat, indelat
	Small-size gravel mixed with saturated compacted sand

OBSERVATIE: Pe toate suprafetele din beton in contact cu pamantul se vor aplica 2 straturi de emulsie din bitum fierizat.
ATTENTION: All concrete surfaces in contact with soil will be coated with 2 bituminous layers.

CONVOI DE CALCUL LM71
CALCULATION CONVOY LM71

PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS	P	T	0	2	0	0	0	0	1
ACOPERIRE ROSTURI ELEMENTE PREFABRICATE JOINTS COVERING PRECAST ELEMENTS									
HIDROZOLATIE SI SISTEM DE DRENARE PODETE WATERPROOFING AND DRAINAGE SYSTEM CULVERTS									
PARAPET METALIC PODETE METALLIC HANDRAIL CULVERTS									
PLAN COFRAJ CADRU TIP C2EN_m SHUTTERING PLAN FRAME TYPE C2EN_m									
PLAN COFRAJ CADRU TIP C2EN_c SHUTTERING PLAN FRAME TYPE C2EN_c									
PLAN COFRAJ ARIPI TIP A2EN SHUTTERING PLAN WING AZEN TYPE									
SCARA DE ACCES STIBALUSTRADA METALICA ACCESS STAIRS AND METALLIC BALUSTRADE									

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

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

NOTA:
1. Prezentul plan s-a intocmit in baza urmatoarelor date:
- studiu topografic;
- studiu geotehnic;
- studiu hidrolic;
- date culesse pe teren
2. Pentru asigurarea scurgerii apelor pe zona traseului cf nou proiectat se vor executa urmatoarele lucrari:
- se va executa un podet nou cf tip C2EN;
- racordarea podetului nou cu terasamentele va fi asigurata in amonte si aval cu aripi prefabricate tip AZEN;
- Se vor impermeabiliza suprafetele de beton vizibile;
- se prevede parapet metalic pe ambele timpame ale podetului;
- se preved scari de acces pe terasament, de o parte si alta a podetului;
- se va amenaja albia in interiorul podetului si intre aripi cu peruu de beton;
- saltea de 2,00m lungime, din piatra bruta la ambele capete ale perelui;
- in amonte si aval se va racorda la albia naturala.
- la turnarea betonului in fundatii, se vor realiza rasturi totale. Rosturile din fundatii se vor suprapune rosturilor intre cadrele prefabricate minimum din trei in trei cadre.
3. La executie se vor respecta cu strictete prevederile din SR EN 206-1, NE 012-1:2007, NE 012-2:2010, NE013/2002, si C56-85 (C56-2002) 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.

NOTE:
1. This plan was prepared based on the following data:
- topographic study;
- geotechnical study;
- hydraulic study;
- data collected on site.
2. In order to ensure the water discharge on the area of the new railway designed route, the following works will be executed:
- the execution of a new railway culvert type C2EN;
- the connection of the new culvert with the embankments will be carried out upstream and downstream by help of precast wings type AZEN;
- The visible surfaces of concrete will be waterproofed;
- metallic handrail is provided at both sympons of the culvert;
- access stairs are provided on the embankment, on one side and the other of the culvert;
- the riverbed will be arranged inside the culvert and between wings with concrete pitching;
- 2.00m long matress, made of rough stone at both ends of the pitching;
- the natural riverbed will be connected upstream and downstream.
- when casting the concrete in the foundations, total joints will be executed. The joints in the foundations will be overlapped with the joints between the precast frames at least every three frames.
3. When executing, there will be strictly observed the provisions of SR EN 206-1, NE 012-1:2007, NE 012-2:2010, NE013/2002, C56-85 and of the Technical Specifications.
4. Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
5. The project will be verified at A.4, B.2 and D.2 requirements.

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

VERIFICATOR/EXPERT
Checkor/Expert

Carmpia Requirement

Semnatuira Signature

Report/Expertise

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NATIONALA DE CAI FERATE "CFR" SA

PROIECTANT / DESIGNER:

PÓRYRY

Data Date

Semnatuira Signature

Aprobat Approved

Verificat Checked

Sef de echipa Team leader

Expert Cheile Key Expert

C. Teodorescu

R. Tudorascu

Subcontractant / Subcontractor

MOTOP

Aprobat Approved

Proiectat Designed

Adjunct Sef de echipa Deputy Team leader

Inginer Engineer

A.M. Baicu

F. Ioanidi

01.2013

01.2013

Project 91
35311.1

"Reabilitarea liniei c.f. Frontier ă - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circulația trenurilor cu viteză maximă de 160 km/h"

"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. 579+460 (KM ex. 582+950)

Scara / Scale 1:100

Revizia / Revision 1 / 04.2013

Cod desen / Drawing Code PT.02.02.09.PO.12.03

Nr / No 03

