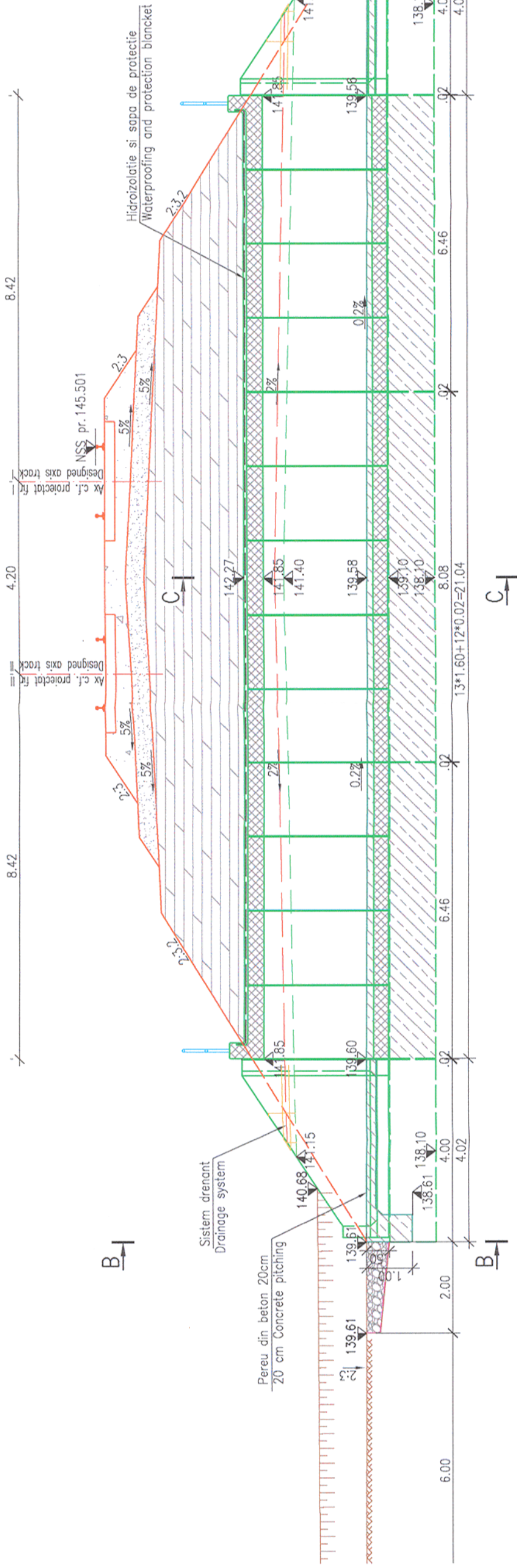
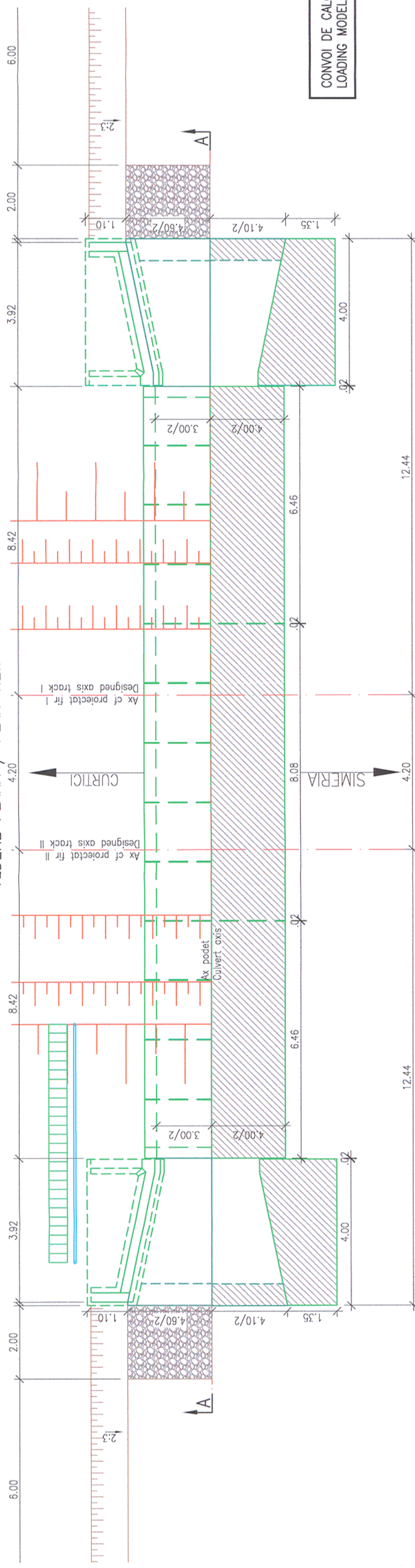


SECTIUNE LONGITUDINALA / LONGITUDINAL SECTION

Sc. 1:100



VEDERE PLANA / PLAN VIEW



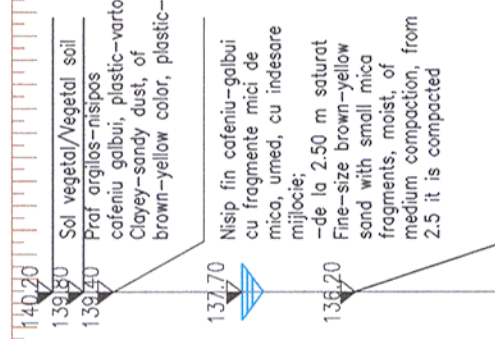
PLAN FUNDATII / FOUNDATION PLAN

12.44

12.44

PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS																
ACOPERIRE ROSTURI ELEMENTE PREFABRICATE	P	T	0	2	0	2	0	0	P	0	0	1				
JOINTS COVERING PRECAST ELEMENTS	P	T	0	2	0	2	0	0	P	0	0	1				
HIDROIZOLATIE SI SISTEME DE DRENAJE PODETE	P	T	0	2	0	2	0	0	P	0	0	2				
WATERPROOFING AND DRAINAGE SYSTEM CULVERTS	P	T	0	2	0	2	0	0	P	0	0	2				
PARAPET METALIC PODETE	P	T	0	2	0	2	0	0	P	0	0	3				
METALLIC HANDRAIL CULVERTS	P	T	0	2	0	2	0	0	P	0	0	3				
PLAN COFRAJ ARIPI TIP A3EN	P	T	0	2	0	2	0	0	P	0	0	1				
SHUTTERING PLAN WING A3EN TYPE	P	T	0	2	0	2	0	0	P	0	0	1				
PLAN COFRAJ CADRU TIP C3S_m	P	T	0	2	0	2	0	0	P	0	0	1				
SHUTTERING PLAN FRAME TYPE C3S_m	P	T	0	2	0	2	0	0	P	0	0	1				
PLAN COFRAJ CADRU TIP C3S_c	P	T	0	2	0	2	0	0	P	0	0	1				
SHUTTERING PLAN FRAME TYPE C3S_c	P	T	0	2	0	2	0	0	P	0	0	1				

FORAJ KM 563+000



LEGENDA BETOANELOR/CONCRETE LEGEND

conform NE 012-1:2007/SR EN 206-1

- BETON C16/20 - Clasa de expunere X0+XF3, agregate D_{max} 16.
- DREN, BETON DE PANTA SI DE EGALIZARE
- DRAINAGE, SLOPE AND LEAN CONCRETE
- BETON C25/30 - Clasa de expunere XC2+XF1+XA1, agregate D_{max} 22.
- FUNDATII DIRECTE SI FUNDATII PROVIZORII
- DIRECT FOUNDATIONS AND TEMPORARY 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, ACCES AND STAIRS
- BETON C35/45 - Clasa de expunere XC4+X01+XF3, agregate D_{max} 22.
- ELEMENTE PREFABRICATE/PREFABRICATED ELEMENTS

CONVOI DE CALCUL LM71
LOADING MODEL LM71

NOTA:
1. Prezentul plan s-a intocmit in baza urmatoarelor date:
- studiu topografic;
- studiu geotehnic;
- studiu hidrolic;
2. Pe traseul de cale ferata proiectat la km 563+254, se vor executa:
- podet tip cadru C3EN, care se racordeaza cu terasamentul amonte si aval cu aripi prefabricate tip A3EN.
- parapet metalic de protectie montat pe podet.
- pereu din beton in podet precum si intre aripi, asigurandu-se astfel o panta de scurgere de 0,2%.
- suprafetele de beton vizibile se vor impermeabiliza.
- scari de acces cu balustrade metalice pe terasament.
3. La executie se vor respecta cu strictete prevederile din:
- Codul de practica pentru executarea lucrarilor din beton, beton armat si beton precomprimat, indicativ NE 012;
- Codul de practica pentru executarea elementelor prefabricate din beton, beton armat si beton precomprimat, indicativ NE 013;
- Normativul pentru verificarea calitatii si receptia lucrarilor de constructii aferente, indicativ C56-85 (C56-2002)
- Caietul 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. This plan was prepared based on the next data:
- topo survey;
- geo-technical study;
- hydraulic study;
2. On the designed railway route at km 563+254, there will be executed:
- box culvert type C3EN which will be connected upstream and downstream with precast wings type A3EN.
- metallic handrail mounted on the culvert.
- in the culvert as well as between the wings, a concrete pitching will be executed thus ensuring a discharge slope of 0,2%.
- the visible concrete areas will be waterproofed.
- access steps with metallic handrails are provided on the embankment.
3. During execution there will be strictly observed the provisions of:
- Practice code concerning the execution of concrete, r.c. and pre-stressed concrete works, indicative NE 012
- Practice code concerning execution of concrete, r.c. and pre-stressed concrete elements, indicative NE 013;
- Normative concerning the quality check and taking-over of afferent construction work, indicative C56-85 (C56-2002)
- 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.

OBSERVATIE: Pe toate suprafetele din beton in contact cu pamantul se vor aplica 2 straturi de emulsie din bitum filerizat.

ATTENTION: All concrete surfaces in contact with soil will be coated with 2 bituminous layers.

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



PROIECTANT / DESIGNER: **PÖYRY**

Data Date
Semnatura Signature

Aprobat Approved
Verificat Checked
Subcontractant / Subcontractor



Aprobat Approved
Proiectat Designed

"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-B : cap Y Bărzava - cap Y Ilteu
"Rehabilitation of the Railway Line Border - Curtici - Simeria, component Part of the IV Pan - European Corridor with maximum speed of 160 km/h"
Section 2-B : end Y Bărzava - end Y Ilteu

Denumire desen / Drawing name:

DISPOZITIE GENERALA / GENERAL LAYOUT
PODET / CULVERT KM pr. 563+254

Scara / Scale
1:100
Revizia / Revision
1 / 04.2013
Cod desen / Drawing Code
PT.02.02.11.PO.19.03
Nr / No
03