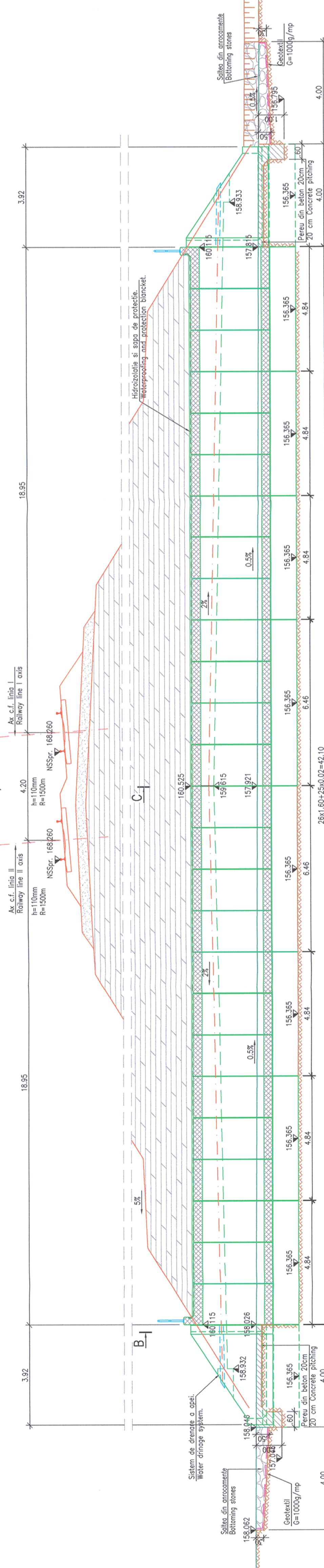
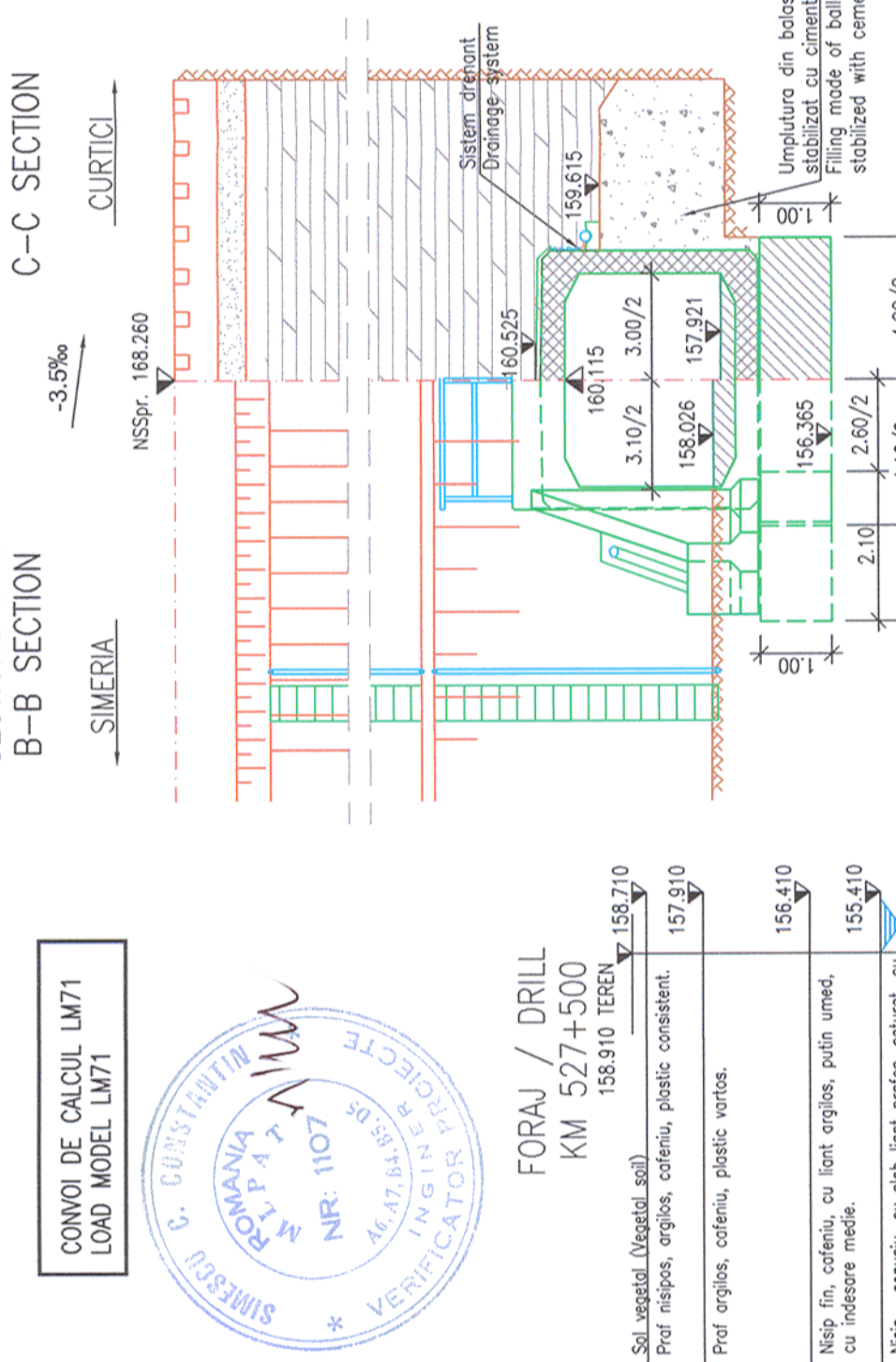


SECTIUNE LONGITUDINALA A-A / A-A LONGITUDINAL SECTION



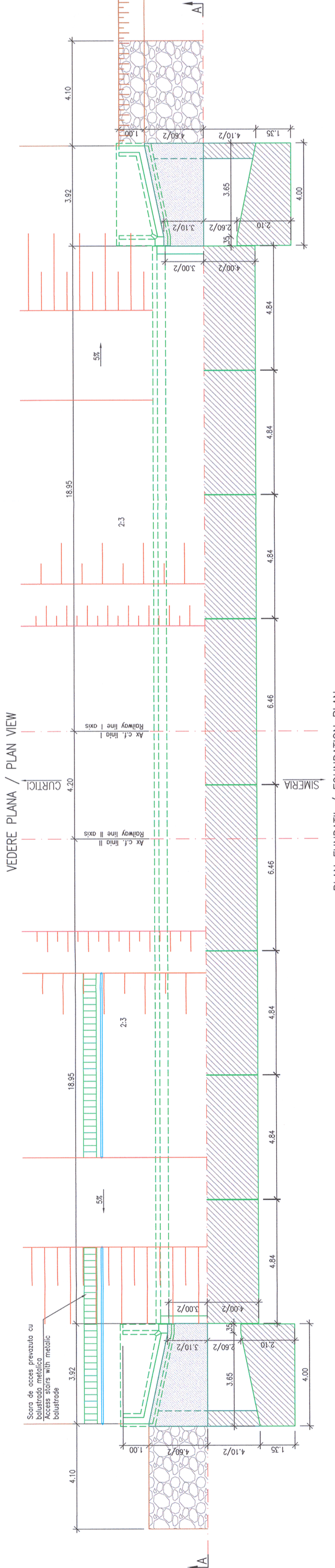
SECTIUNE B-B



SECTIUNE C-C



VEDERE PLANA / PLAN VIEW



PLAN FUNDATIILOR / FOUNDATION PLAN

NOTA:

- Prezentul plan s-a intocmit in baza urmatoarelor date:
- studiu topografic;
- studiu hidrologic;
- Pe traseul de cale ferata proiectat la km 527+371, se vor executa:
- podet tip cadru C35, care se racordeaza cu terasamentul amonte si aval cu opani prefabricate tip A3EN.
- parapet metalic de protectie montat pe podet.
- pereu din beton in podet precum si intru aripi, asigurandu-se astfel o panta de scurgere de 0.5%.
- suprafetele de beton vizibile se vor impermeabiliza.
- scari de acces cu balustrade metalice pe terasament.
- La executie se vor respecta cu strictete prevederile din:
- Codul de practica pentru executarea lucrarilor din beton, beton armat si 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).
- Codul de sarcini.
- Conform H.G. 766/1997 lucrarea se incadreaza in categoria "B" a constructiilor de importanta deosebita.
- Proiectul va fi verificat de verificatori atestati MILPAT la exigentele A.4, B.2 si D.2.

NOTA:

- This plan was prepared based on the next data:
- topo survey;
- geo-technical study;
- hydraulic study;
- On the designed railway route at km 527+371, there will be executed:
- box culvert type C35 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 0.5%.
- the visible concrete areas will be waterproofed.
- access steps with metallic handrails are provided on the embankment.
- 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.
- Complying with H.G. 766/1997 this structure belongs to category "B" of importance.
- 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 fierizat.

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

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
	BETON C25/30 - Clasa de expunere XC4+XF1+XM1, agregate D _{max} 16.
	BETON C25/30 - Clasa de expunere XC4+XF3, agregate D _{max} 22.
	BETON C16/20 - Clasa de expunere X0+XF3, agregate D _{max} 16.

PLANURI DETALII GENERALE / GENERAL DRAWING DETAILS

ACOPERIRE ROSTURI ELEMENTE PREFABRICATE	PT 0 2 0 2 0 0 P 0 0 1
JOINTS COVERING PRECAST ELEMENTS	PT 0 2 0 2 0 0 P 0 0 2
HIDROIZOLATIE SI SISTEME DE DRENARE PODETE	PT 0 2 0 2 0 0 P 0 0 3
WATERPROOFING AND DRAINAGE SYSTEM CULVERTS	PT 0 2 0 2 0 0 P 0 0 3
PARAPET METALIC PODETE	PT 0 2 0 2 0 0 P 0 0 3
METALLIC HANDRAIL CULVERTS	PT 0 2 0 2 0 0 P 0 0 3
PLAN COFRAJ ARIPI TIP A3EN	PT 0 2 0 2 0 0 P 0 0 1 5
SHUTTERING PLAN WING A3EN TYPE	PT 0 2 0 2 0 0 P 0 0 1 5
PLAN COFRAJ CADRU TIP C35_m	PT 0 2 0 2 0 0 P 0 0 1 6
SHUTTERING PLAN FRAME TYPE C35_m	PT 0 2 0 2 0 0 P 0 0 1 6
PLAN COFRAJ CADRU TIP C35_c	PT 0 2 0 2 0 0 P 0 0 1 7
SHUTTERING PLAN FRAME TYPE C35_c	PT 0 2 0 2 0 0 P 0 0 1 7

FORAJ / DRILL

KM 527+500

158,910 TEREN

158,210

157,910

156,410

155,410

154,410

153,310

151,610

150,310

CONVOI DE CALCUL LM71

LOAD MODEL LM71

SECTIUNE B-B

SIMERIA

SECTIUNE C-C

C-C SECTION

PROIECTANT / DESIGNER: PÖYRY

APROBAT / APPROVED: C. Teodorescu

VERIFICAT / CHECKED: R. Tudorascu

SEF DE ECHIPA / TEAM LEADER: C. Teodorescu

EXPERT CHELE / KEY EXPERT: R. Tudorascu

Subcontractant / Subcontractor: VIOTOP

APROBAT / APPROVED: A.M. Baicu

PROIECTAT / DESIGNED: T. Mihaili

Referat / Expertiza Report / Expertise

Verificator / Expert Checker / Expert

Beneficiar / Beneficiary: COMPANIA NATIONALA DE CAI FERATE "CFR" SA

Semnatura / Signature

Data / Date

Prezentul plan anuleaza si inlocuieste versiunea anterioara

This plan cancels and replaces previous version

Referat / Expertiza Report / Expertise

Verificator / Expert Checker / Expert

Beneficiar / Beneficiary

Semnatura / Signature

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