

Acest plan anuleaza si inlocuieste planul nr. PT.02.04.10.RE.05.002 elaborat la data 01.2013.

This layout plan canceled and replaced layout plan no. PT.02.04.10.RE.05.002 prepared on 01.2013.

CLASA DE IMPORTANTA A CONSTRUCTIEI
CONFORM P100/1-2006 ESTE (III)
CATEGORIA DE IMPORTANTA
CONFORM HG nr. 766/97 este (C)

THE CONSTRUCTION IMPORTANCE CLASS,
ACCORDING TO P 100/1-2006, IS (III)
THE IMPORTANCE CATEGORY,
ACCORDING TO HG 766/97 IS (C)

Verificator / Expert
Checker / Expert

Cerinta
Requirement

Semnatura
Signature

Referat / Expertiza
Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NATIONALA DE CAI FERATE "CFR" SA

PROIECTANT / DESIGNER:

PÖYRY

Aprobat / Approved

Verificat / Checked

Şef de echipă / Team leader

Expert Cheie / Key Expert

C. Teodorescu

R. Witan

Data / Date

01.2013

01.2013

Semnatura / Signature

Subcontractant / Subcontractor

VIOTOP

Aprobat / Approved

Proiectat / Designed

Adjunct Şef de echipă / Deputy Team leader

Inginer / Engineer

A.M. Baicu

G. Staicu

"Reabilitarea liniei c.f. Frontieră - 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 - B; End Y Bărzava - End Y Ilteu

Project 91
35311.1

Faza / Phase:
PTh+CS / TD+TS

Denumire desen / Drawing name:

Detalii fundații - Cădire călători - Stația Bărzava /
Details foundation - Passenger building - Bărzava Station

Scara / Scale

1:20

Revizia / Revision

1/05.2013

Cod desen / Drawing Code

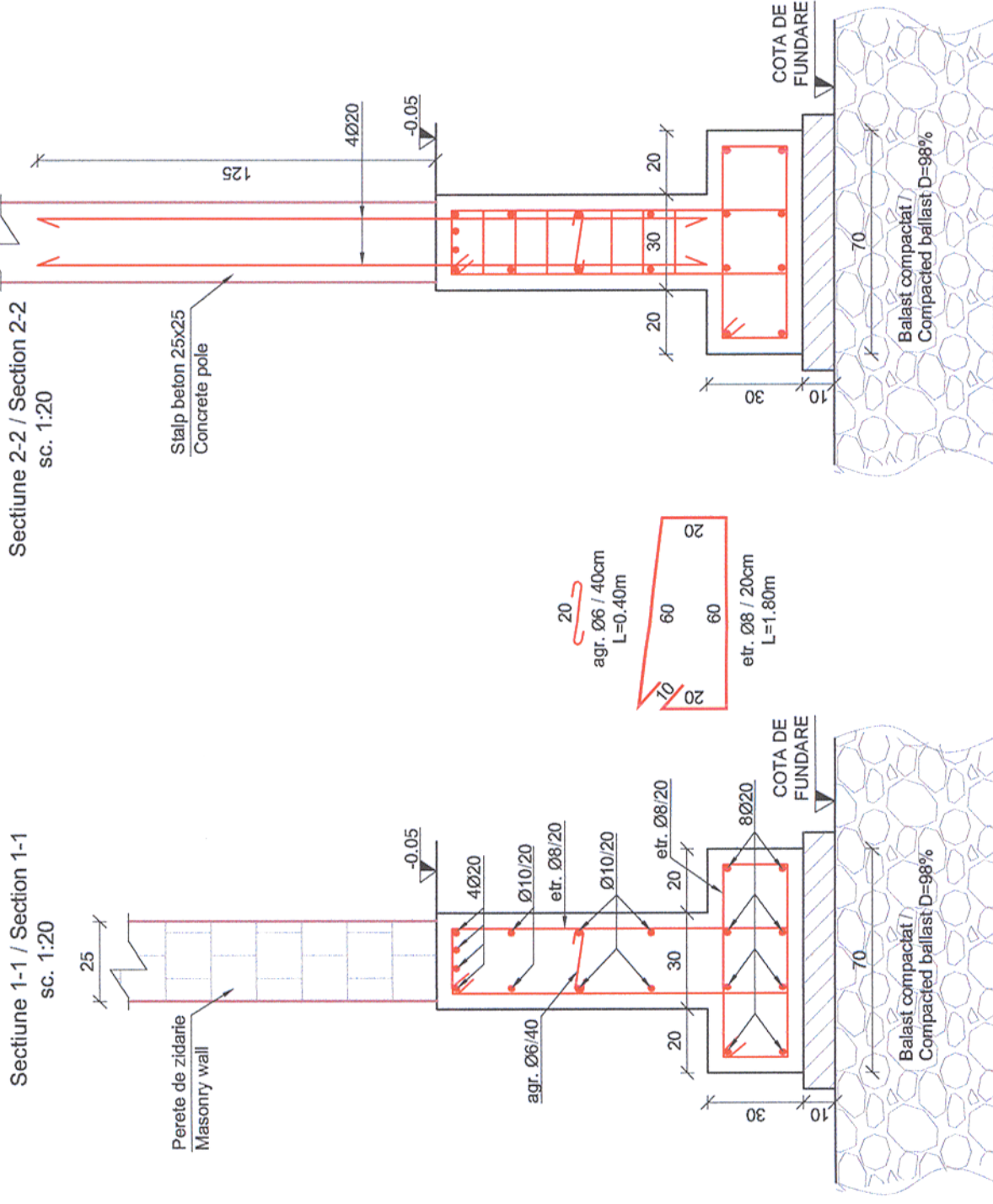
PT.2B.04.10.RE.05.002

Nr / No

02/09

ARMARE FUNDATII / REINFORCEMENT FOUNDATIONS

scara 1:20 / scale 1:20



NOTA:
Terenul de fundare se considera orizontal si omogen (pema de balast).
Presiunea conventional de calcul s-a considerat $P_{conv} = 220kPa$.
Apa subterana este mult sub cota de fundare.
Cota ± 0.00 = cota pardoselii finite la parter.

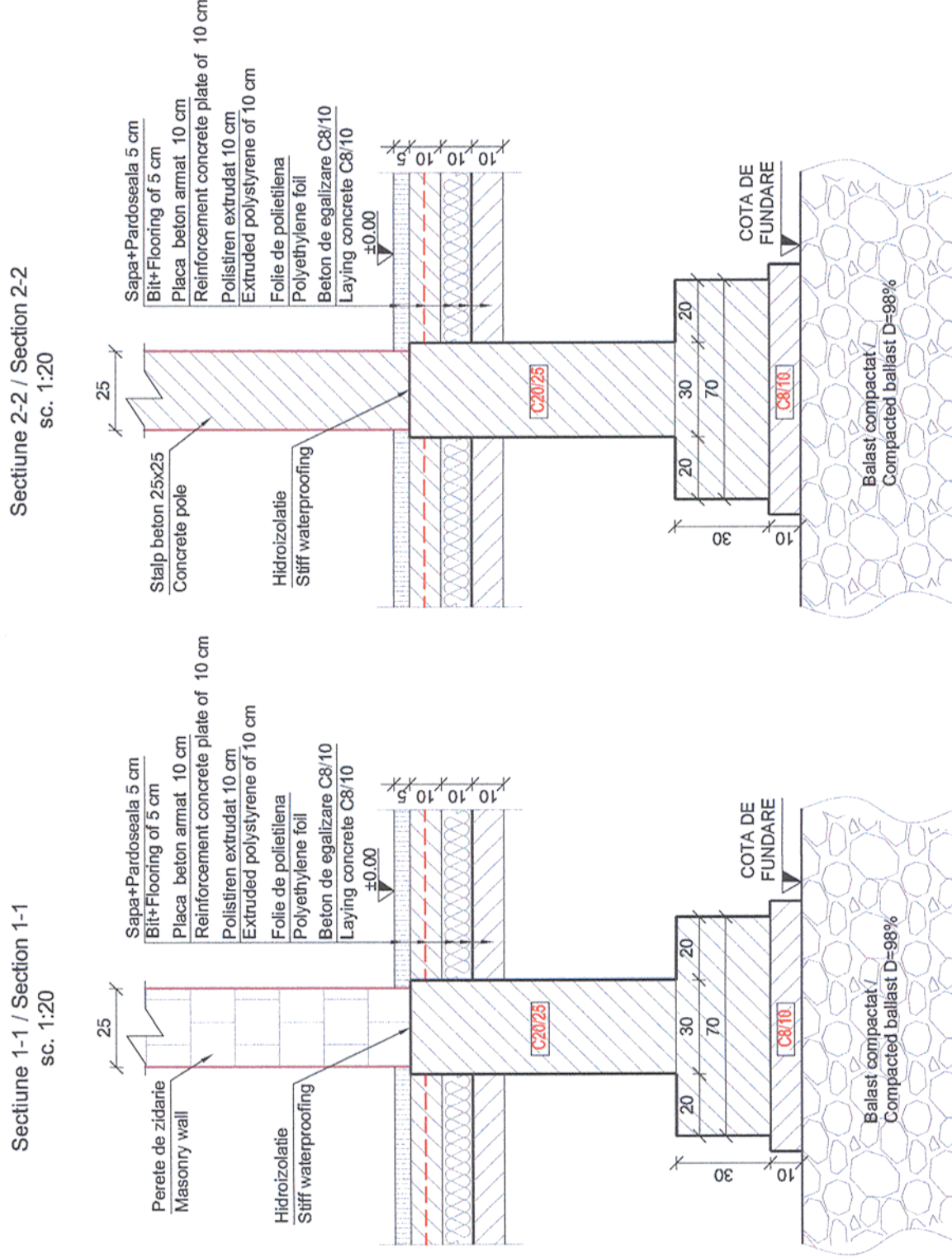
NOTE:
The foundation soil is considered horizontally and homogenous (ballast pillow)
The conventional calculation pressure was considered $P_{conv} = 220kPa$.
The underground water is far below the foundation level
The level ± 0.00 = the level of the finite floor from the ground floor.

NOTA / NOTE:
Toate tipurile de oțel (în special Bst 500) vor avea obligatoriu clasa de ductilitate C.
All types of steel (especially Bst 500) will mandatory have the ductility class C.

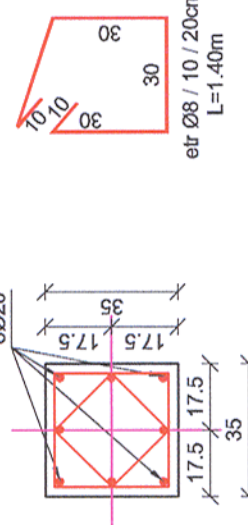
Proiectul de structura se va corela cu proiectul celorlalte specialități (parte scrisă și parte desenată).
The structural project (blueprints, technical briefs, technical specifications) will be correlated with the other specialities' projects (blueprints, technical briefs, technical specifications).

DETALII DE FUNDATII / DETAILS FOUNDATIONS

scara 1:20 / scale 1:20



Sectiune stălp / Pole section
S1A 35x35, S1B 35x35,
S6A 35x35, S6B 35x35
scara 1:20 / scale 1:20



LEGENDA / LEGEND:

Beton armat / Concrete C20/25

Beton de egalizare / Laying concrete C8/10

Balast compactat / Compacted ballast D=98%

Armatura / Reinforcement Bst 500

MATERIALE:
Beton simplu C8/10 ;
Beton armat C20/25 CEM III/A-S 42.5 N ; sort 0-31; A/C : 0.55 ;
Oțel Beton Bst 500 ;
Clasa de expunere: XC4, XD1.

MATERIALS:
Concrete C8/10 ;
Reinforced concrete C20/25 CEM III/A-S 42.5 N ; sort 0-31; A/C : 0.55 ;
Reinforcement Bst 500 ;
Exposure class: XC4, XD1.