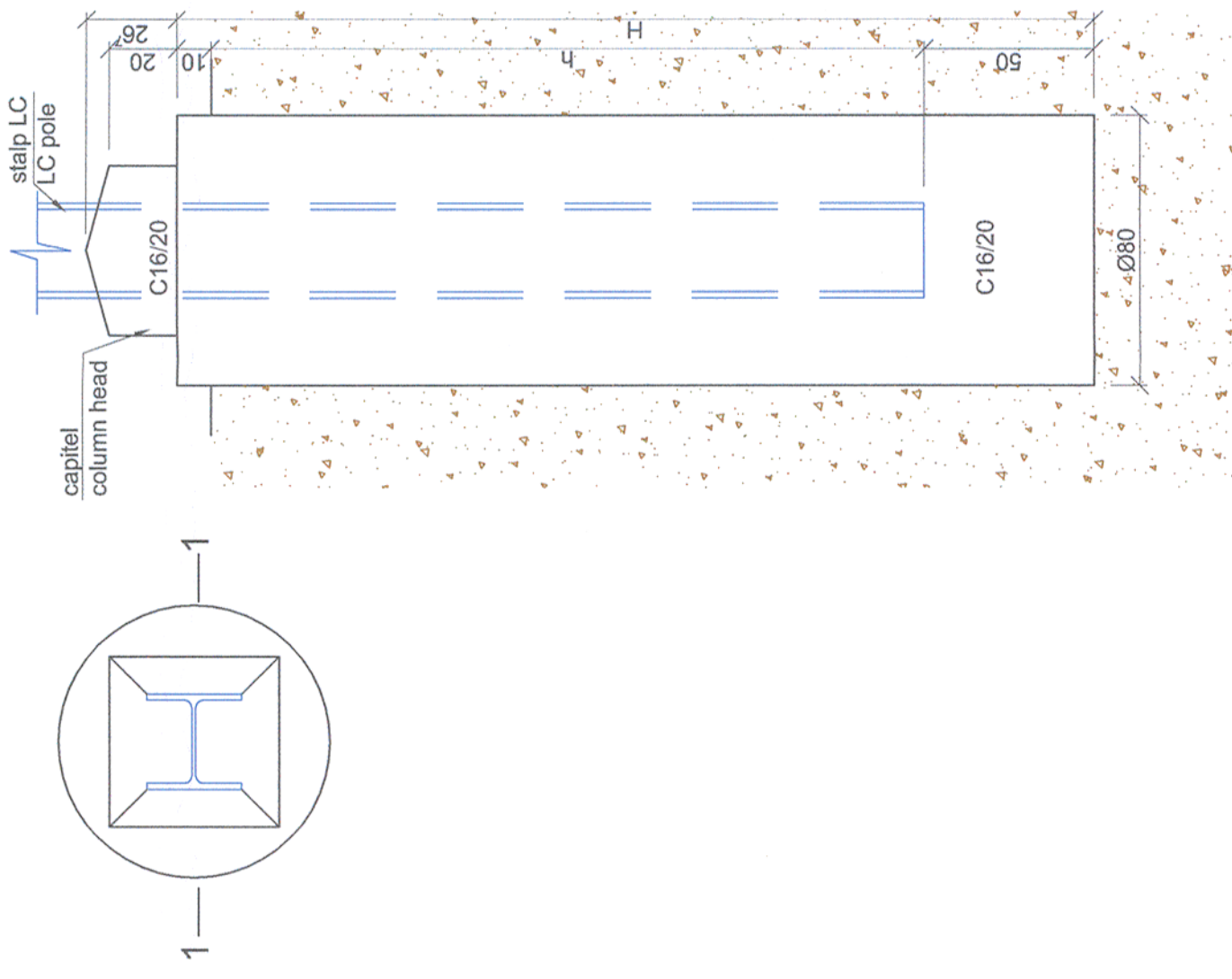
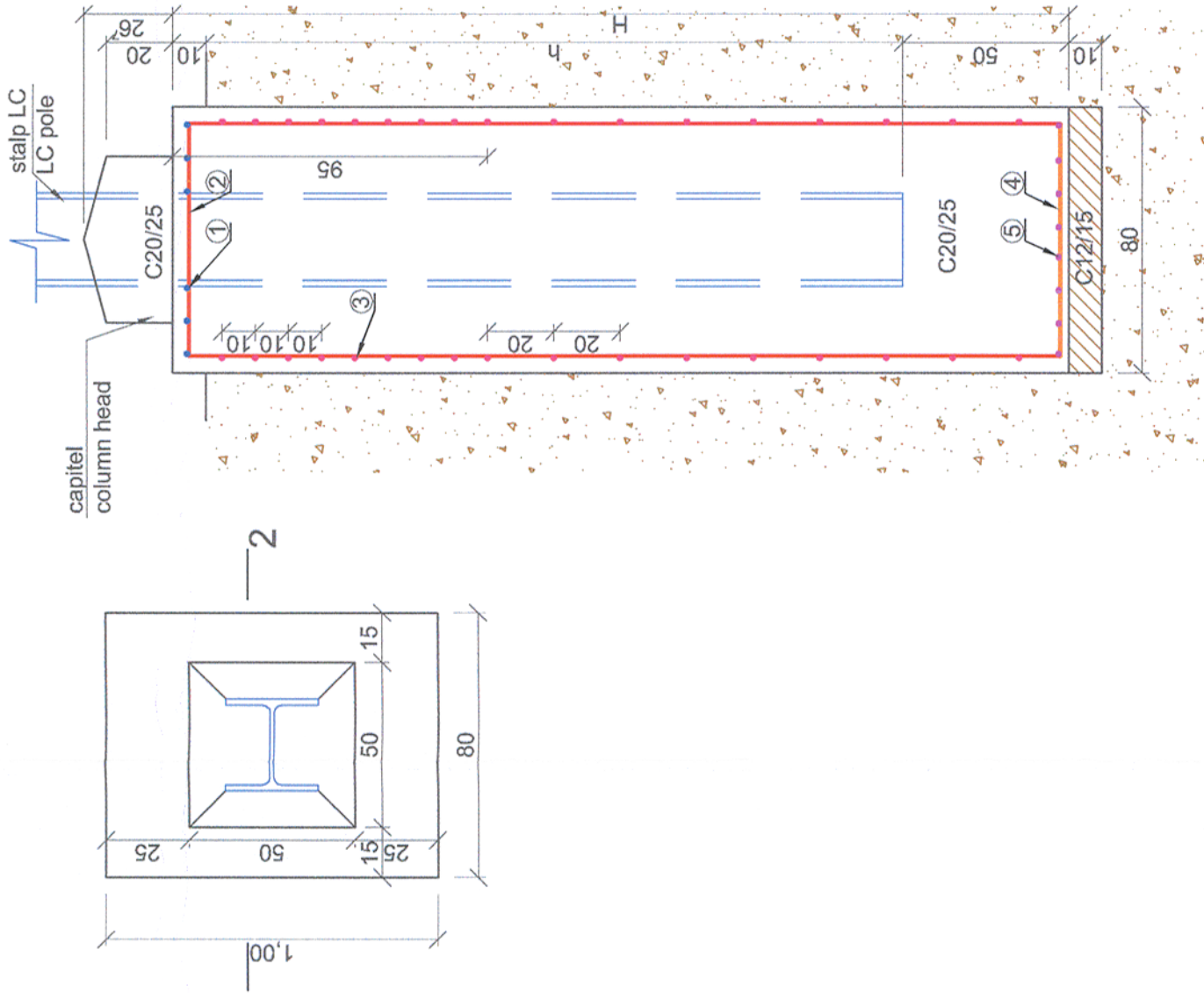


FUNDATII STALPI ELECTRIFICARE / POWER POLE FOUNDATION
SCARA/SCALE 1:20

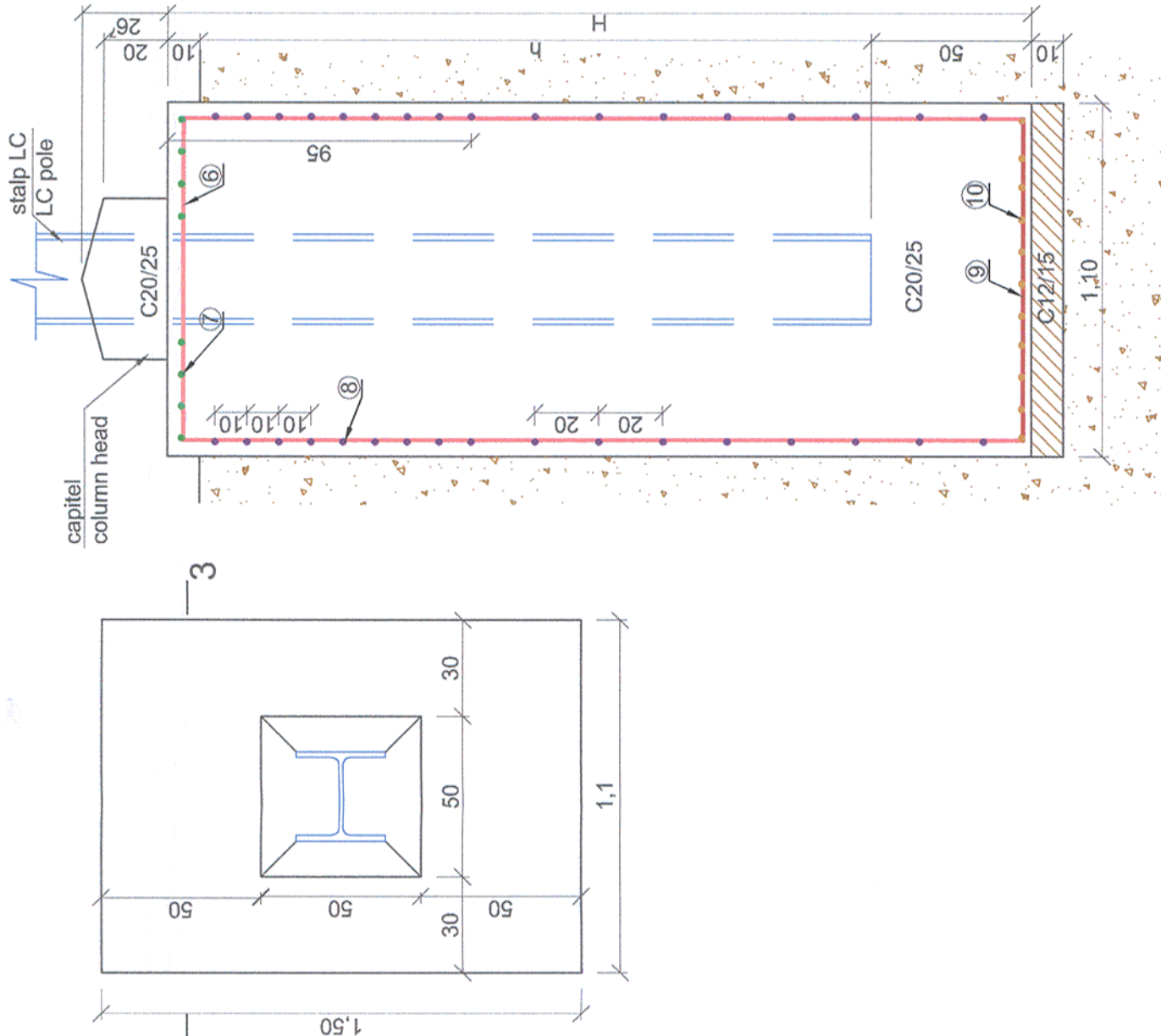
Plan fundare tip /Foundation plan type 1
Scara/Scale 1:20



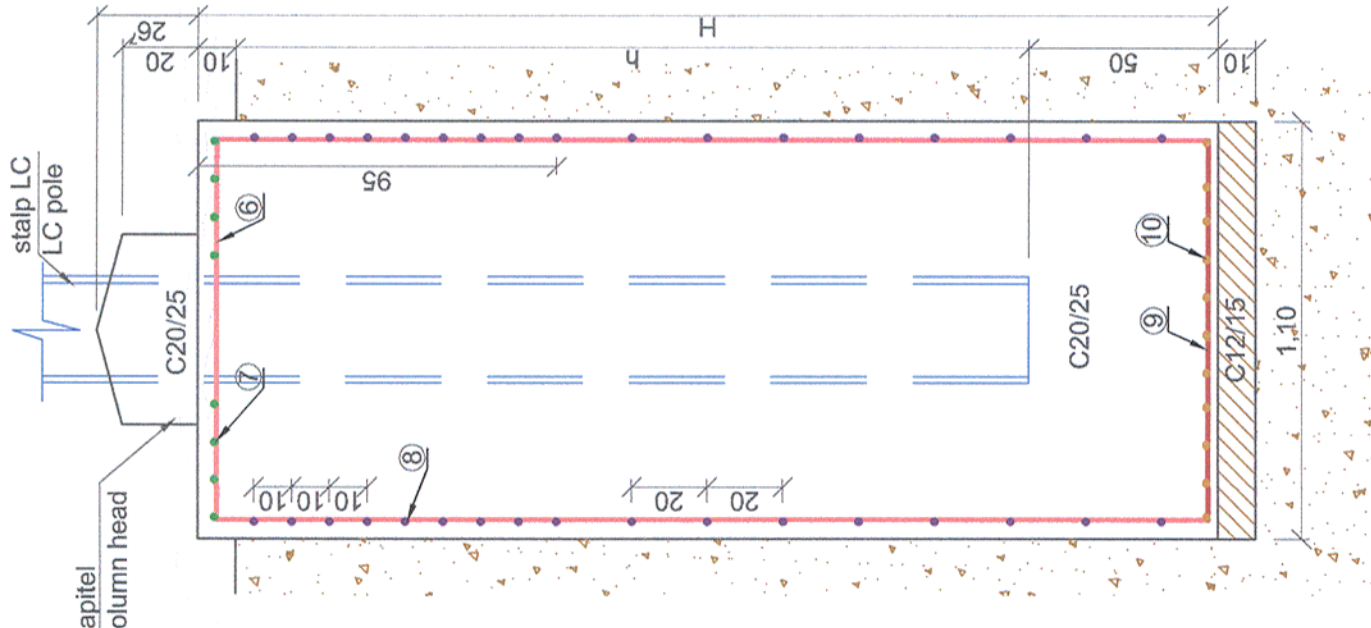
Plan fundare tip /Foundation plan type 2
Scara/Scale 1:20



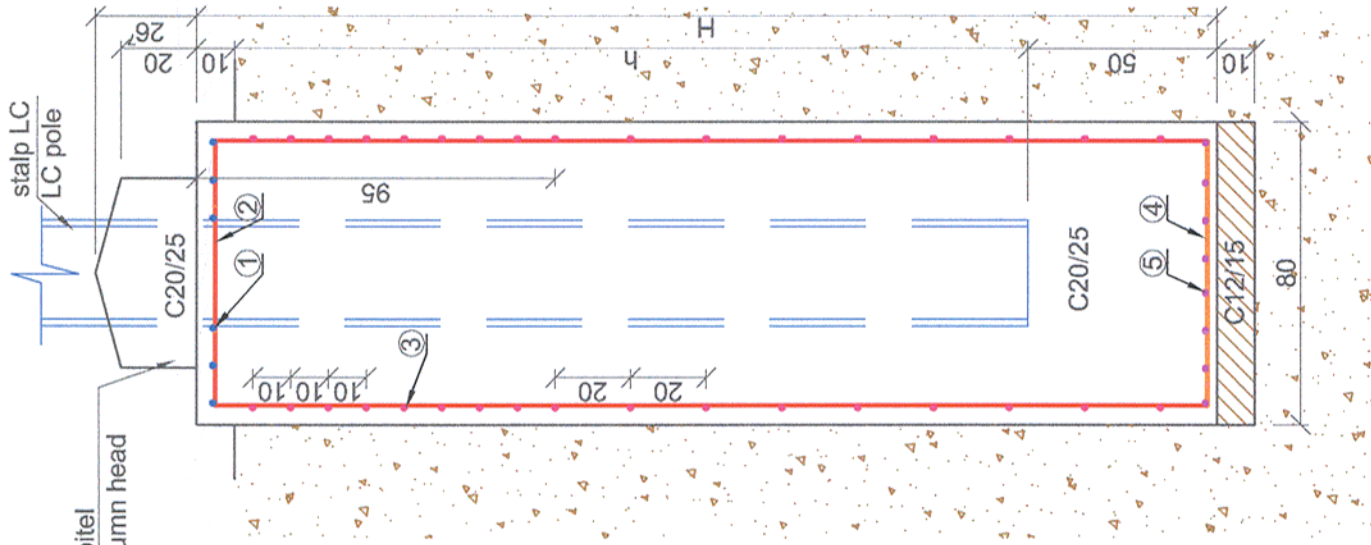
Plan fundare tip/Foundation plan type 3
Scara/Scale 1:20



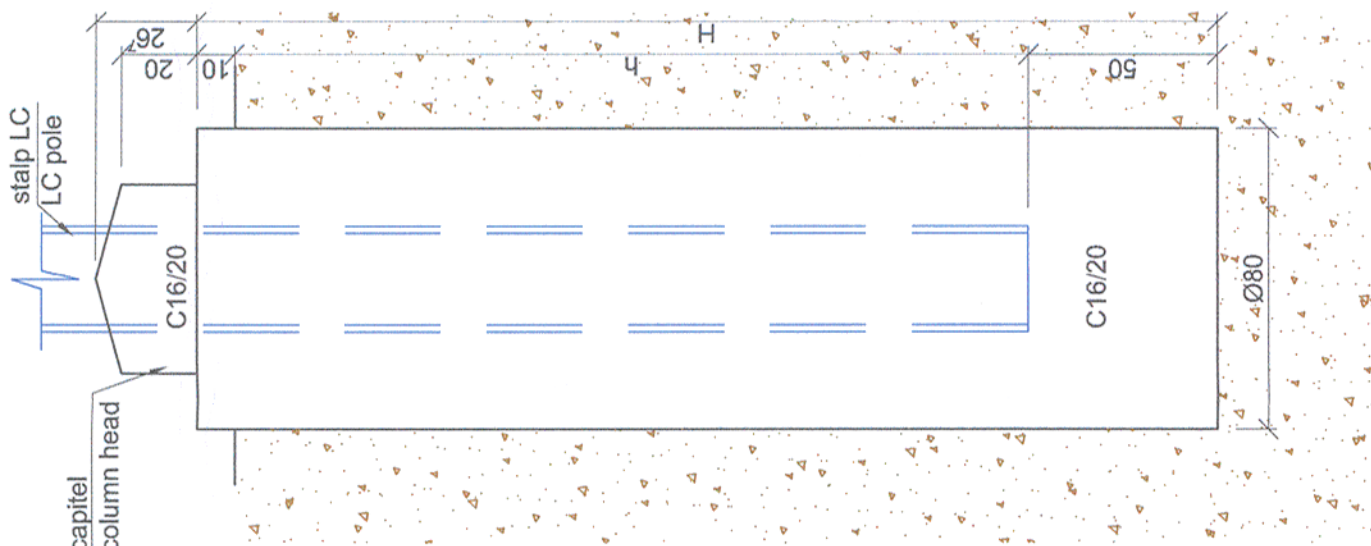
Sectiune /Section 3-3
Scara /Scale 1:20



Sectiune /Section 2-2
Scara /Scale 1:20



Sectiune /Section 1-1
Scara /Scale 1:20



Universal remark valid for the entire project

The executants is bound to verify all the information from the plans and from the material lists before ordering any materials and to communicate any disparity to the designer. Other way the designer will not assume the responsibility about the errors in the plans or in the material lists.

Note generala valabila pentru intregul proiect

Executantul este obligat sa verifice informatiile din planuri si din extrasele de materiale inainte de comandarea oricaror materiale si sa comunice orice neconcordanta proiectantului. In caz contrar proiectantul nu isi va asuma responsabilitatea pentru nici o eroare din planuri sau din extrasele de materiale.

CLASA DE IMPORTANTA A CONSTRUCTIEI
CONFORM P100/1-2006 ESTE III;CATEGORIA DE
IMPORTANTA CONFORM H.G. nr. 766/97 este "B".

THE CONSTRUCTION IMPORTANCE CLASS,
ACCORDING TO P100/1-2006, IS III;
CATEGORY, ACCORDING TO H.G. 766/97 IS "B"

NOTE / NOTA:

- Ultimul strat de sapatura (cca. 20 cm) va fi inlaturat cu putin timp inainte de turnarea betonului
- Dupa terminarea sapaturilor si inainte de turnarea betonului se va chema obligatoriu geotehnicianul pentru verificarea naturii terenului si a cotei de fundare.
- The last layer of digging (cca. 20cm) will be removed only before pouring the concrete
- After the digging is done and before pouring the concrete the geotechnician will be call to verify the soil and the bench mark.

Protectul de structura se va corela cu proiectul celorlalte specialitati (partea scrisa si partea desenata).

The structural project (blueprints, technical briefs, technic specifications) will be correlated with the other specialitis projects (blueprints, technical briefs and technical specifications).

MATERIALS:

Equalization concrete C12/15
Reinforced concrete C20/25
Reinforcement Bst 500

MATERIALE:

Beton de egalizare C12/15
Beton armat de C20/25
Otel Beton Bst 500

Denumire desen / Drawing name:

Fundatii stalpi electrificare / Power pole foundation

Scara / Scale
1:20

Revizia / Revision
1/05.2013

Cod desen / Drawing Code
PT.2A.05.00.RE.001

Nr / No
01/04

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.
Acest plan anuleaza si inlocuieste planul nr. PT.02.05.00.RE.001 elaborat la data 01.2013.

This layout plan canceled and replaced layout plan no. PT.02.05.00.RE.001 prepared on 01.2013.

Verificator / Expert
Checker / Expert

Cerinta
Requirement

Semnătura
Signature

Referat / Expertiză
Report / Expertise

European Investment Bank

MINISTERUL
TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :
COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER:



Semnătura
Signature

Data
Date

Aprobat
Approved

Șef de echipă
Team leader

Verificat
Checked

Expert Cheile
Key Expert

C. Teodorescu

R. Witan

01.2013

01.2013

Subcontractant / Subcontractor

Aprobat
Approved

Adjunct Șef de echipă
Deputy Team leader

A.M. Balcu

01.2013

Proiectat
Designed

Inginer
Engineer

S. Petrea

01.2013

"Reabilitarea liniei c.f. Frontieră - 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:

Fundatii stalpi electrificare / Power pole foundation

Scara / Scale
1:20

Revizia / Revision
1/05.2013

Cod desen / Drawing Code
PT.2A.05.00.RE.001

Nr / No
01/04

EXTRAS ARMATURA F2									
Nr.	Diam	Lungime Buc.	8	10	12				
1	12	8.90	6		53.40				
2	12	9.10	8		72.80				
3	8	3.50	24	84.00					
4	10	0.70	8		5.60				
5	10	1.00	8		8.00				
LUNGIMI/diam			84.0	13.6	126.2				
Greutatei Diam/m			0.394	27.2	0.887				
Greutatei Kg/diam			33.1	54.4	112.0				
TOTAL pe tip oțel			33.1	166.4					
TOTAL GENERAL				199.5					

EXTRAS ARMATURA F3									
Nr.	Diam	Lungime Buc.	8	10	12				
6	12	9.20	8		73.60				
7	12	9.60	14		134.40				
8	8	5.10	24	122.40					
9	10	1.00	11		11.00				
10	10	1.40	11		15.40				
LUNGIMI/diam			122.4	11.0	208.0				
Greutatei Diam/m			0.394	37.4	0.887				
Greutatei Kg/diam			48.3	74.8	184.6				
TOTAL pe tip oțel			48.3	259.4					
TOTAL GENERAL				307.6					