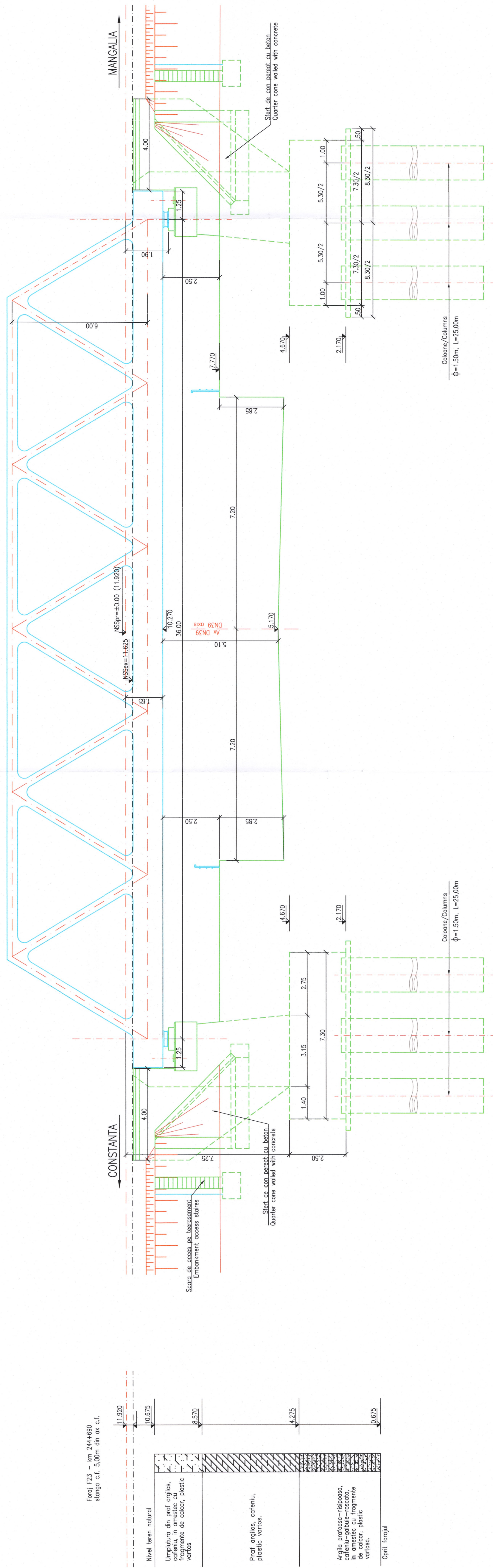


Sc. 1:100

Sc. 1:100

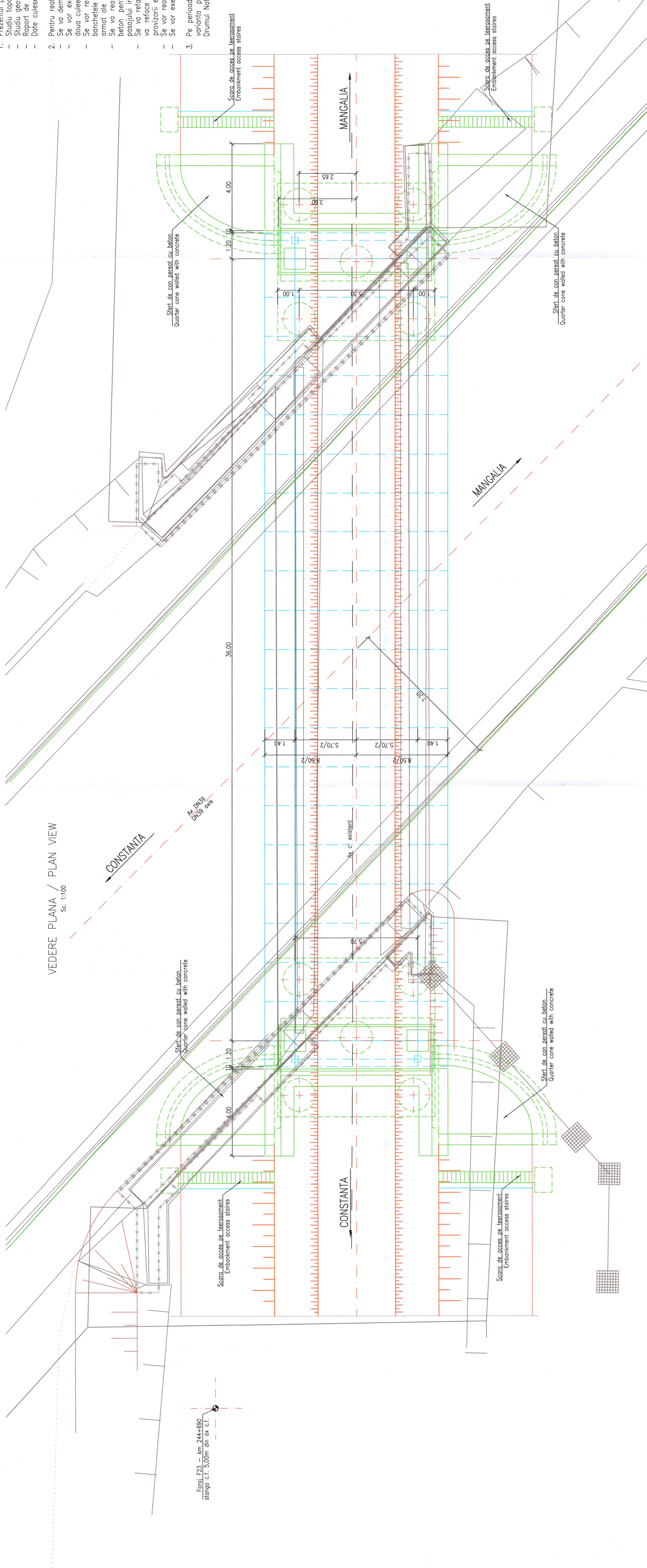
A



Sc. 1:100

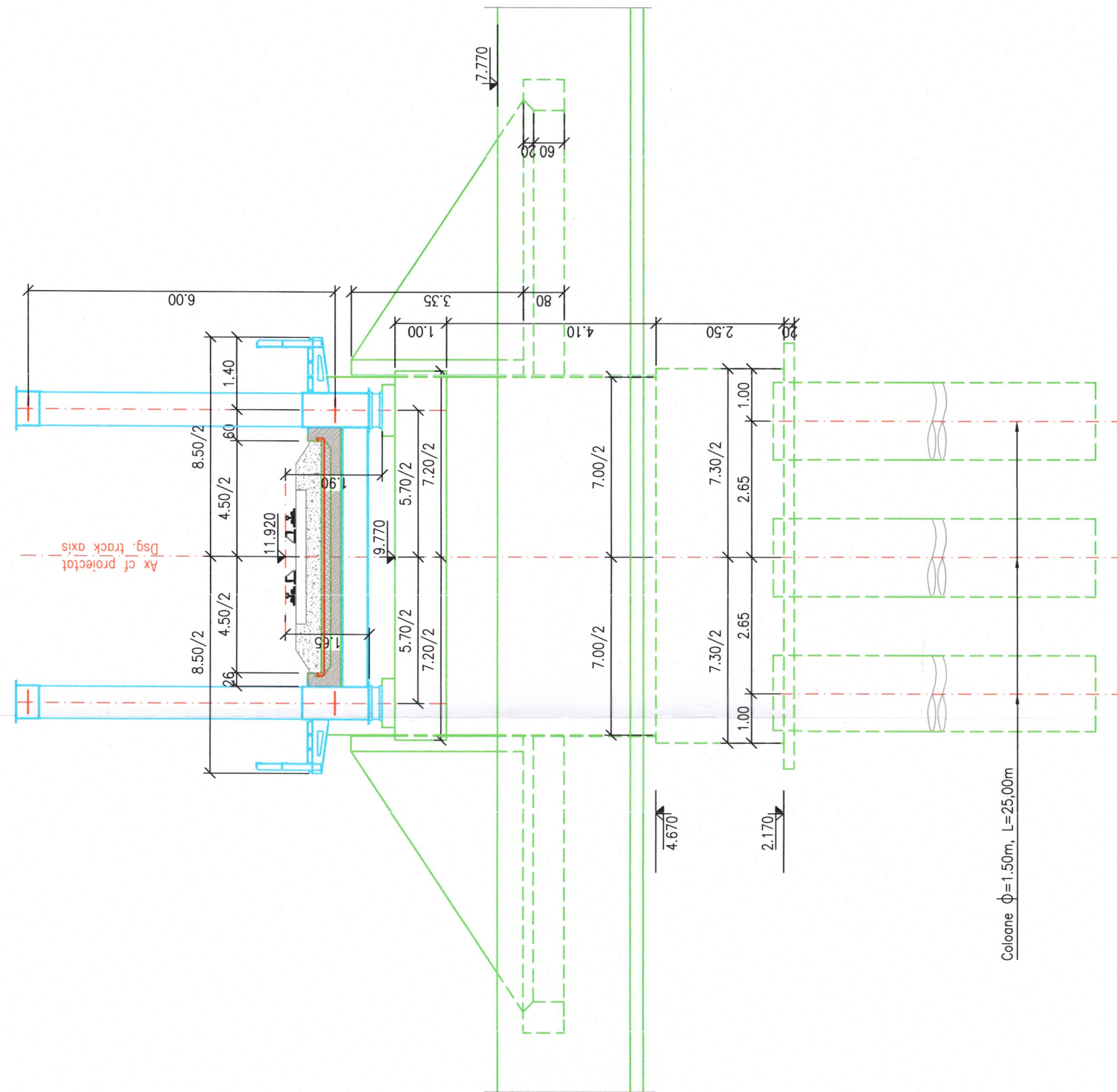
Sc. 1:100

A



Sc. 1:100

Sc. 1:100



1. Prezentul plan s-a întocmit pe baza următoarelor date:

- 1. This plan has been drawn up
- Topographic study;
- Geotechnical study;
- Technical Expertise Report;
- Data collected from the field

1

1. This plan has been drawn up based on the following data:
 - Topographic study;
 - Geotechnical study;
 - Technical Expertise Report;
 - Data collected from the field.
2. For the realization of the new underpass, the following works will be executed:
 - The existing underpass will be demolished;
 - Indirect foundation of both abutments of the new underpass will be executed with reinforced concrete columns.
 - Will be executed the reinforced concrete underpass foundations, the elevations, the bearings of the bearings, the bearings, the guard walls and the turned deck of the underpass with lattice beams, will be executed with the way down, of the broken stone for the simple railway, with the way in the layer of the broken stone of the underpass;
 - The reinforced concrete wall in front of the abutments will be rebuilt, will be rebuilt the national road DN35 works area, affected by the underpass works and will be performed the works for the performance of the underpass.
 - The connections with the embankment of the underpass will be made.
 - Access stairs will be built on the embankment.

LEGENDA BETOANELOR/CONCRETE LEGEND
conform NE 012-1:2007 și SR EN 206: 2021

	BETON C30/37 - Clasa de expunere XC3+XS1+XF1, agregate Dmax 22
	DALA DE BETON / CONCRETE SLAB
	BETON C30/37 - Clasa de expunere XC2+XS1+XF3+XA1, agregate Dmax 20
	FUNDATII SI BAZELI/ FOUNDATIONS AND CAP PILES
	BETON C30/37 - Clasa de expunere XC3+XS1+XF3+XA1, agregate Dmax 20
	PILOTI FORATI/DRILL PILLS

XC30/37 – Clase de expunere XC4+XS1+XF3, agregate D_{max} 22.5 / CLASIFICACIÓN

ELEVATION / ELEVATIONS

SAPA DE PROTECTIE A HIDROIZOLATIEI SI PREDALE/WATERPROOF BEIJON CSO/S/ = Căsu de expunere XC4+XS1+XF1; aggregate

AND PRESLABS

BETON C16/20 – Clasa de expunere X0, agregate D_{max} 16.
BETON DE PANTA/CLOPE CONCRETE

BEUTON DE PANIA/SLOPE CONCRETE

BEUTON C16/20 = Clasa de expunere XC3

DREN, BETON DE EGALIZARE, PEREU, FUNDATIA SFERTULUI DE CON SI SCARI D

ACCES / DRAINAGE, LEAN CONCRETE, PITCHING, QUARTER CONE FOUNDATION

Collegio di Macerata (Italy)
International Project of Italian European

ENTITATE CONTRACTANTA
BENES/CITADY

COMPANIA NAȚIONALĂ DE CĂI FERATE
ROMANIAN NATIONAL RAILWAY

DEPARTMENT OF		UNIVERSITY OF TORONTO
COLLEGE OF ENGINEERING & ARCHITECTURE		

CONTRACTANT/CONTRACTOR ASOCIEREA/ JV	DENUMIRE INVESTITIE/	"Studiu de Fezabilitate pentru Electricizarea și ferată Constanta - Mangalia"

	BANCOSI IMPEX S.R.L.
	SIP S.P.A.
	
INVESTING INVESTMENT	NAME
Feasibility Study for Electrification and Rehabilitation of the	
Mannalia Railway Line	

[illegible]

INTERVAL / SECTION	SECTION	SEMNAȚURA / SPECIALITATE	NUMĂRUL ANULUI
POZIȚIA / BODUL DE PUNTE			

PROJECT/	NUMERO/ NOME	SIGNATURE	SPECIALITY
	ing. Cristina COTEAȘII	<i>[Signature]</i>	

DESIGNED	ing. WILHELM GÖTTSCHEW		
VERIFICAT/	dr. Ino. Carmen BALAN		
OBJECT			km pr./dsg. 244+679 (km e)

VERIFICAT		DENUMIRE PLAN/ NOM DE PLAN
AVIZAT/ AUTORIZAT		Ing. Marin BAICU

[illegible]

09.2023	1:100	PLAN CODE:	5	0	5	2	1
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