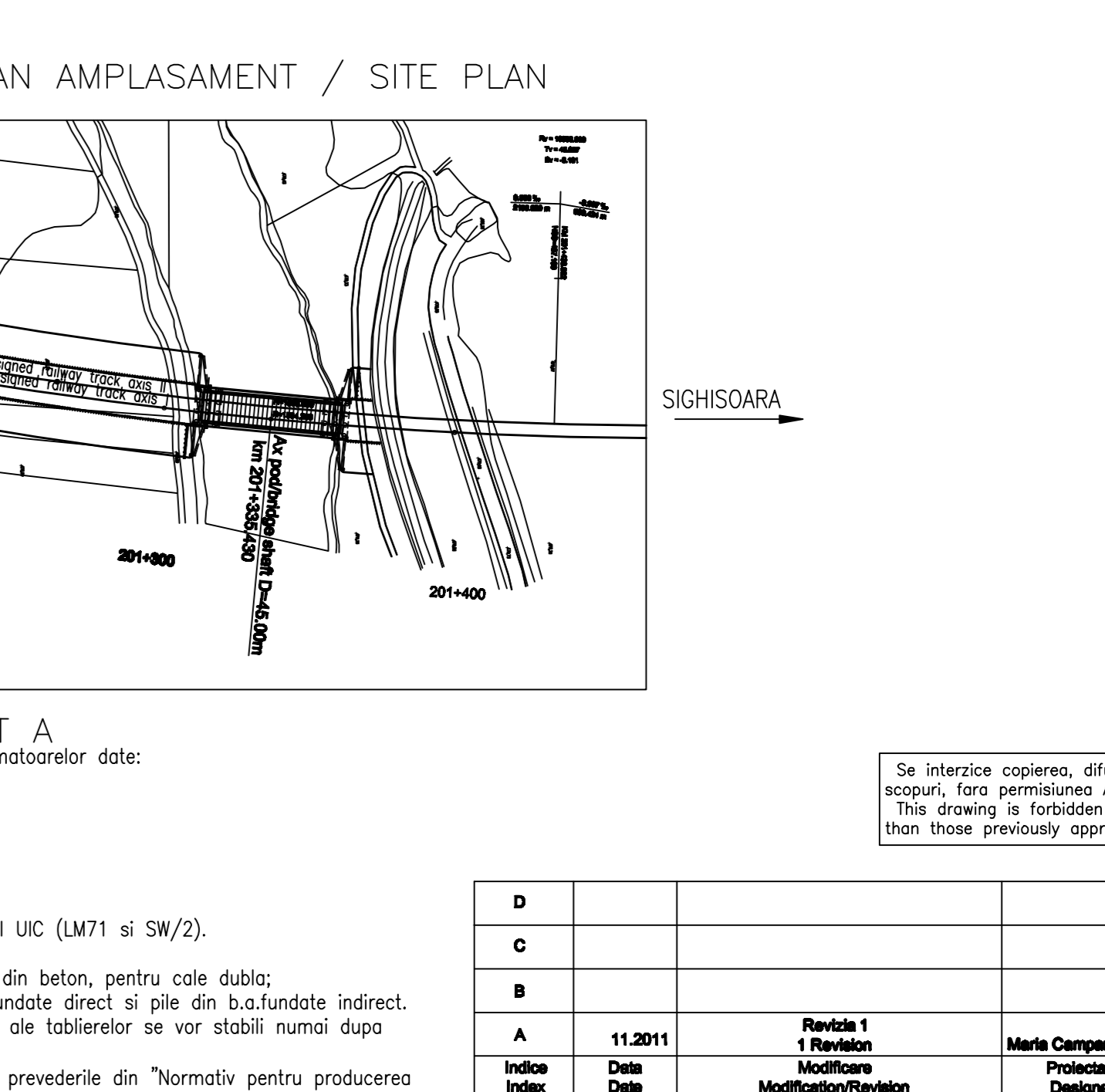
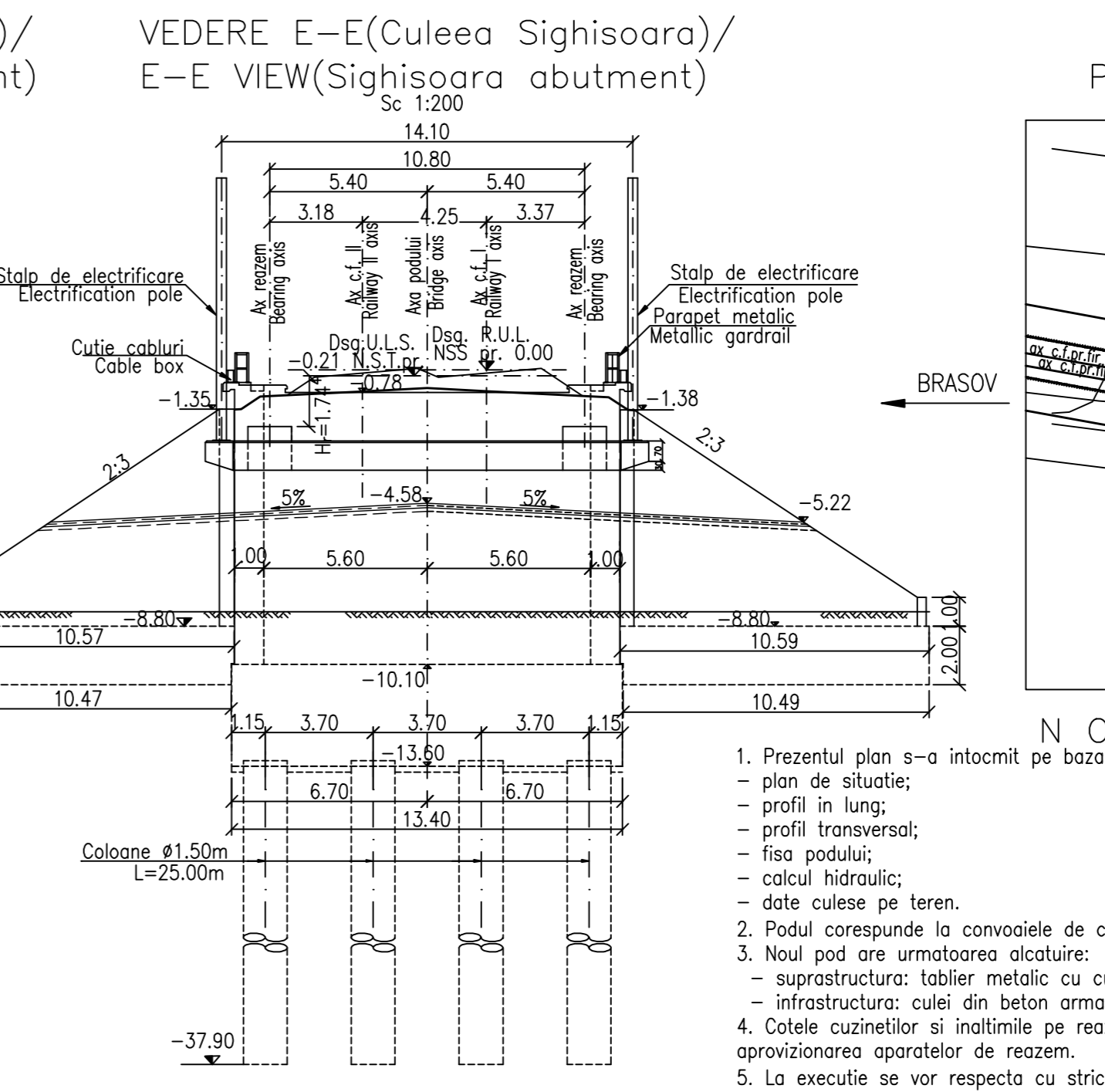
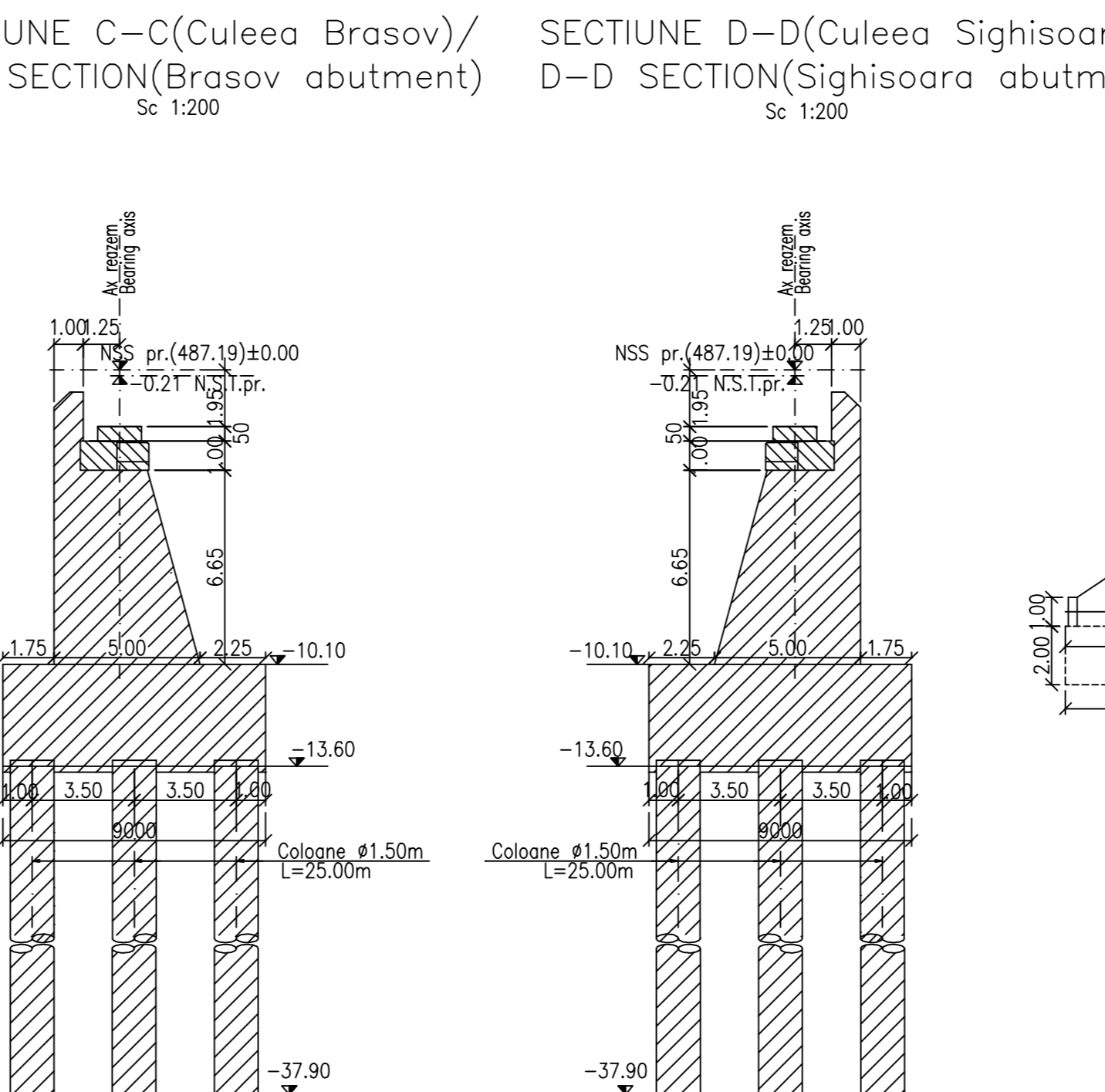
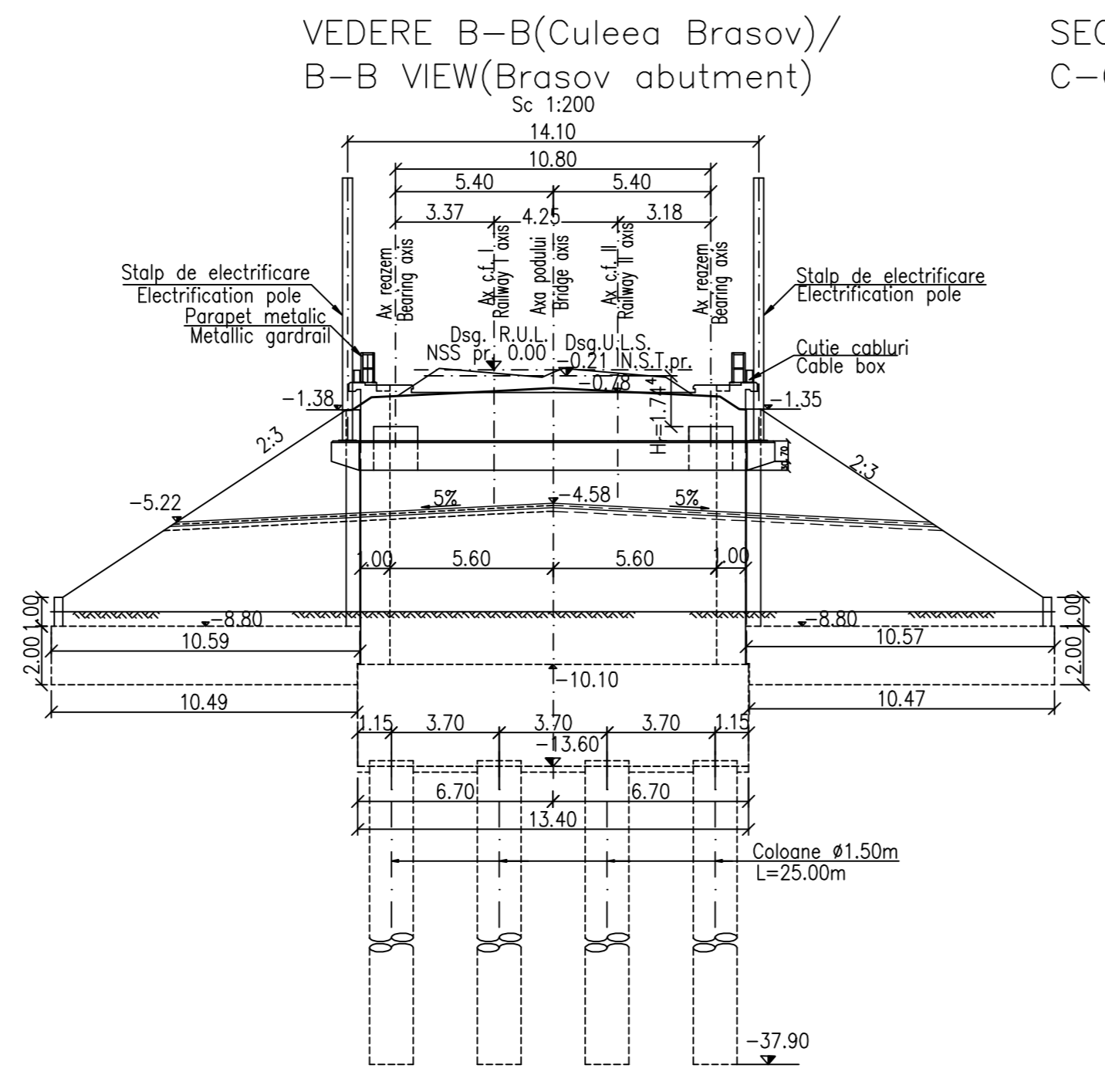


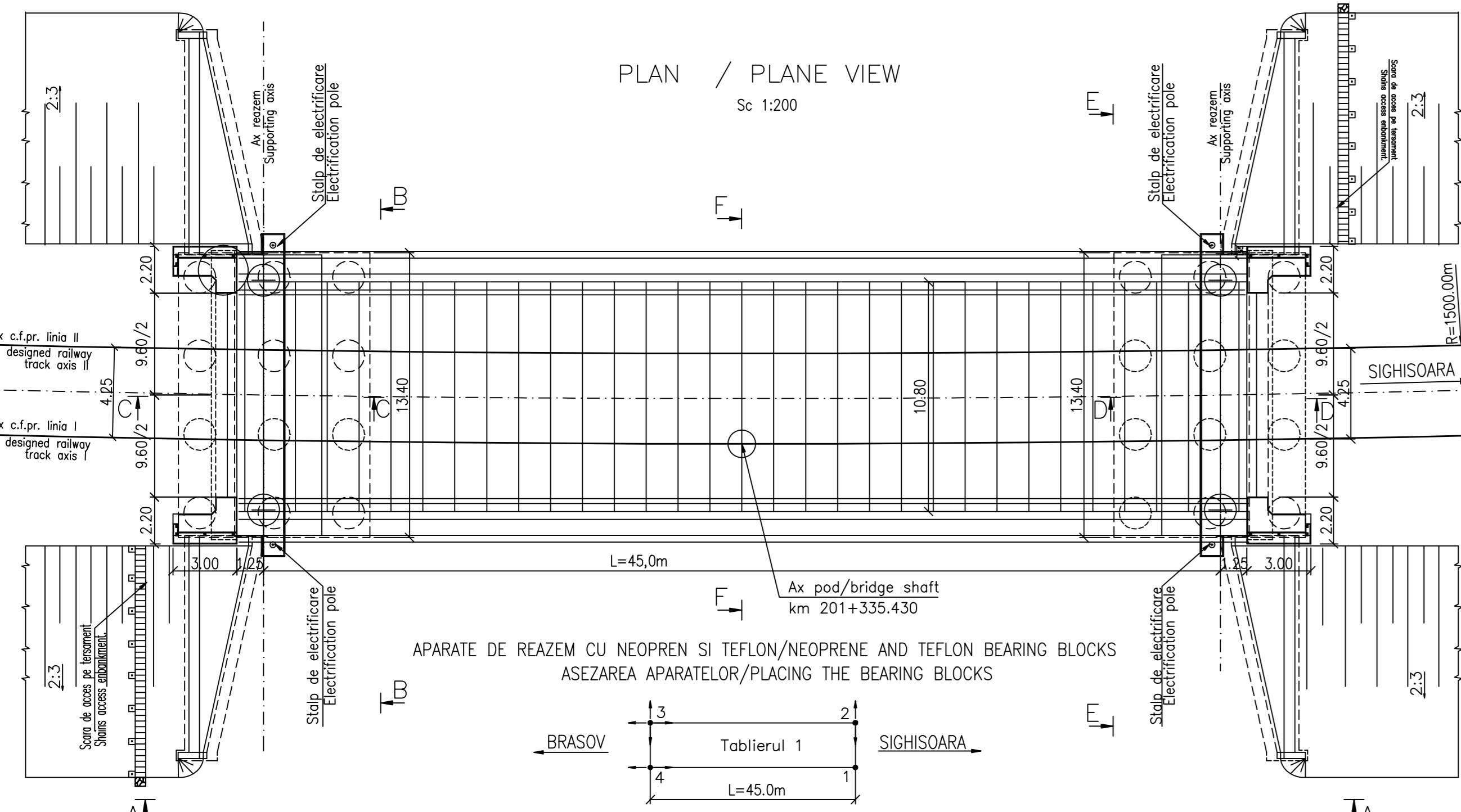
NOTA
 Lungimea fielor coloanelor se va stabili in urma forarii „in situ” cu identificarea fierei litologice, si in urma incercarilor la rupere a coloanelor de proba executate in afara amplasamentului.
 Numarul coloanelor de proba a fost stabilit conform prevederilor din EUROCOD.
 Capacitatea portanta a coloanelor se va stabili conform prevederilor din EUROCOD, sectiunea Geotehnica, cu coeficientii pentru incercari „in situ”.
 Toate coloanele se vor verifica US.

NOTE
 The length of the columns will be established based on the “in situ” drilling, identifying the lithological configuration of the soil (Lithological Sheet), after the breakdown tests made on the testing columns built outside the final location.
 The number of the testing columns was established complying with the provisions in EURO CODE.
 The columns bearing capacity shall be established complying with the provisions in EURO CODE.
 Geotechnical section, using the “in situ” testing coefficients.
 All columns shall be checked US.



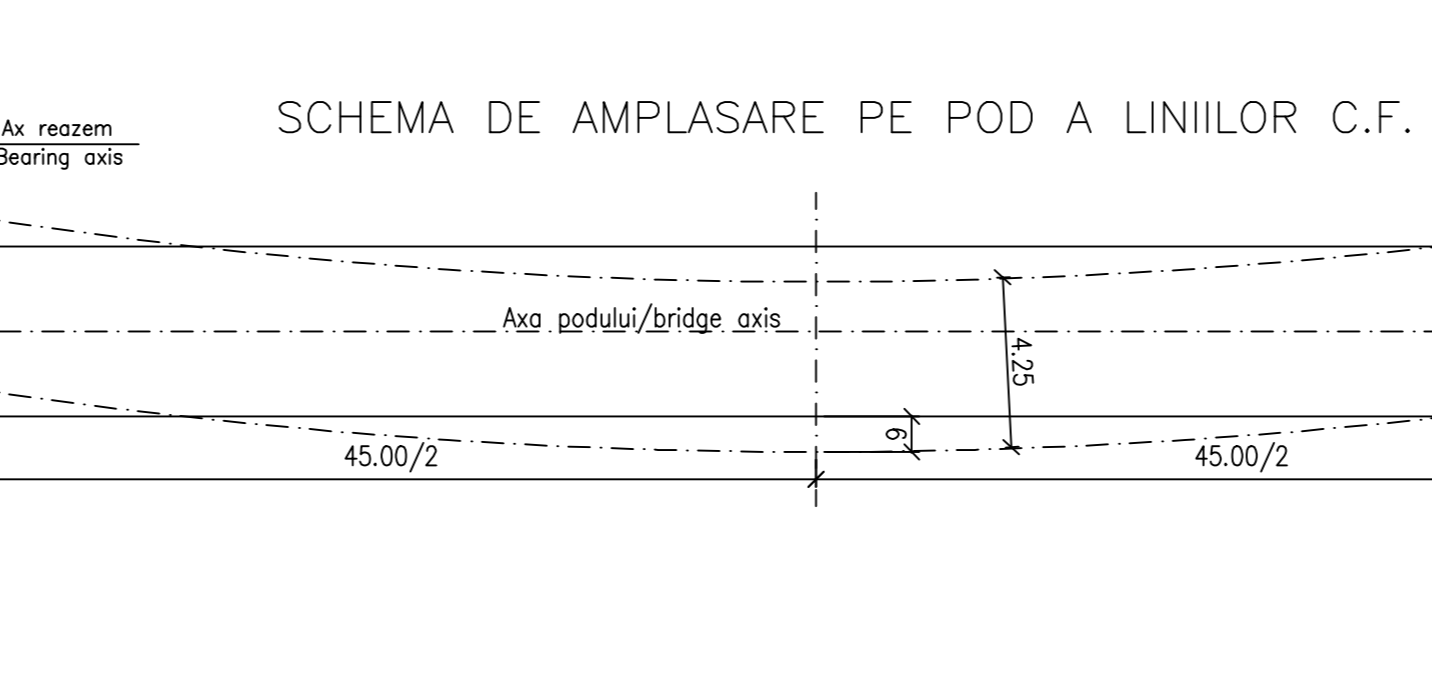
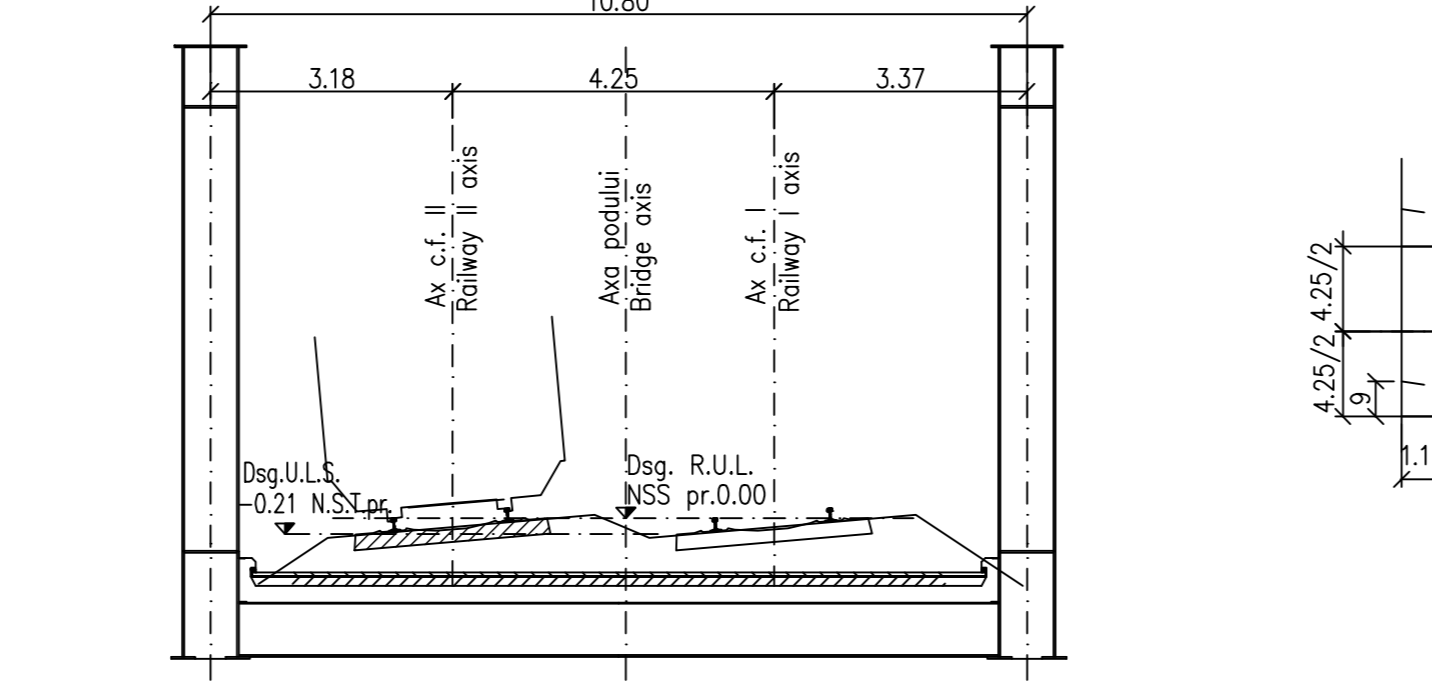
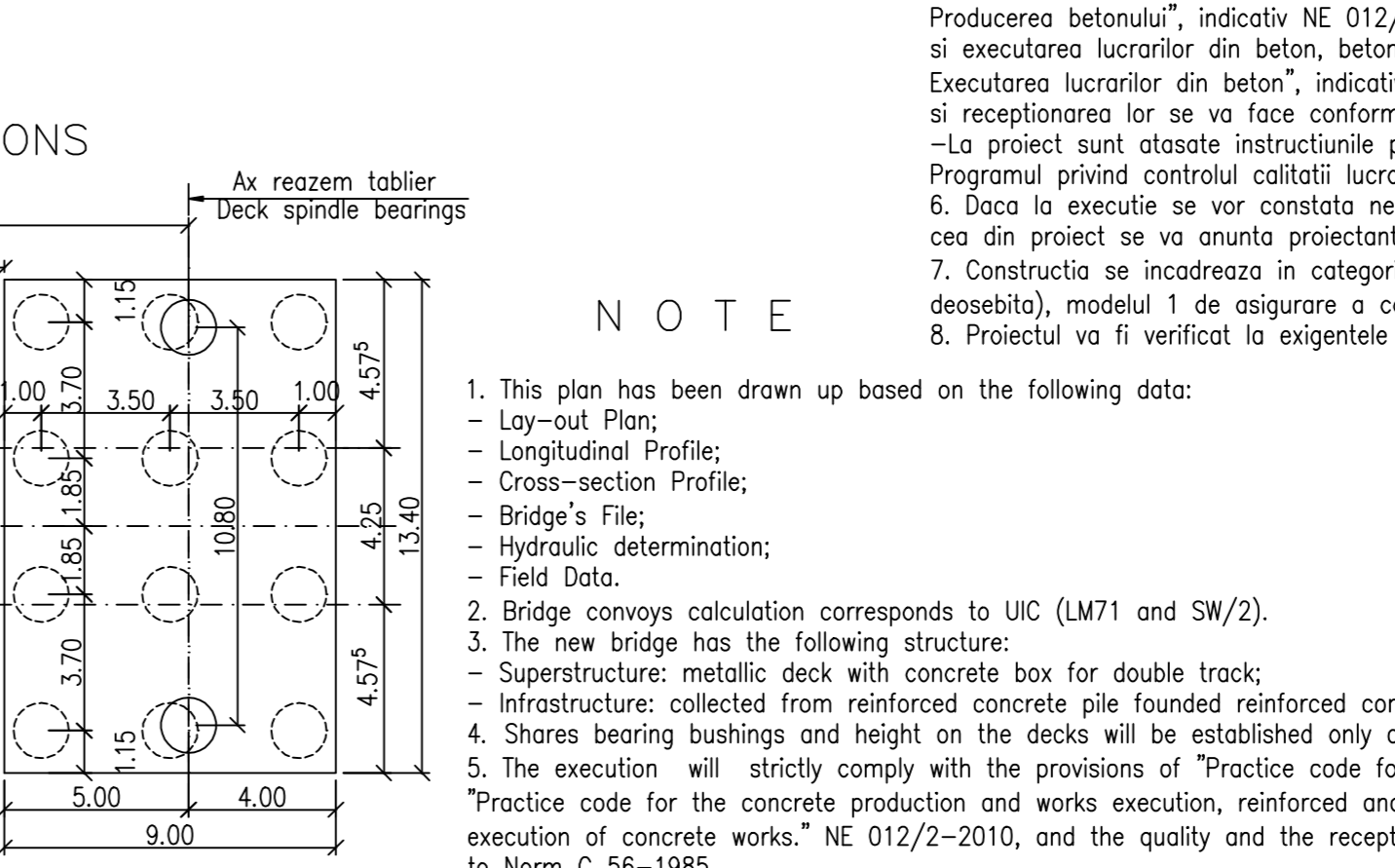
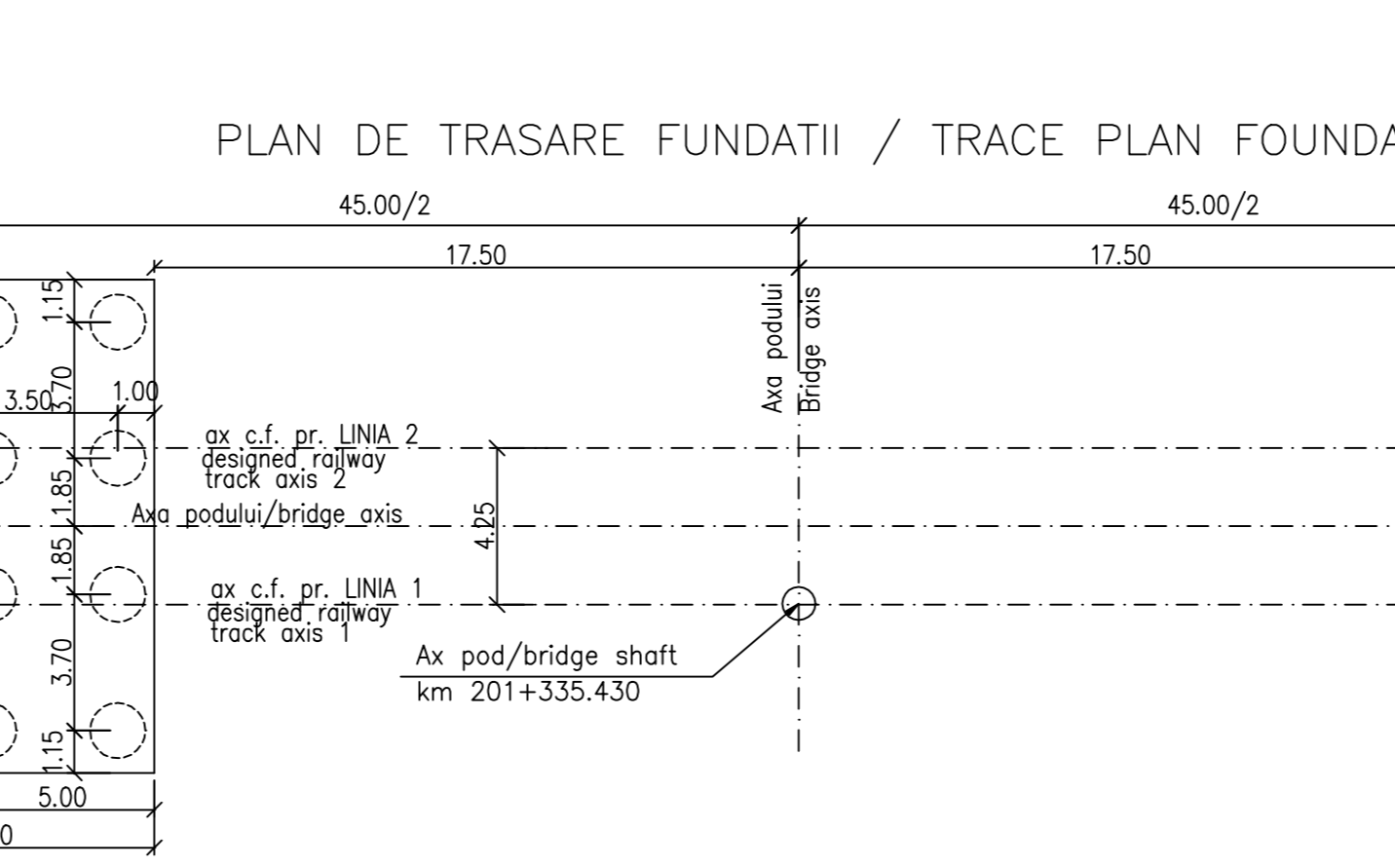
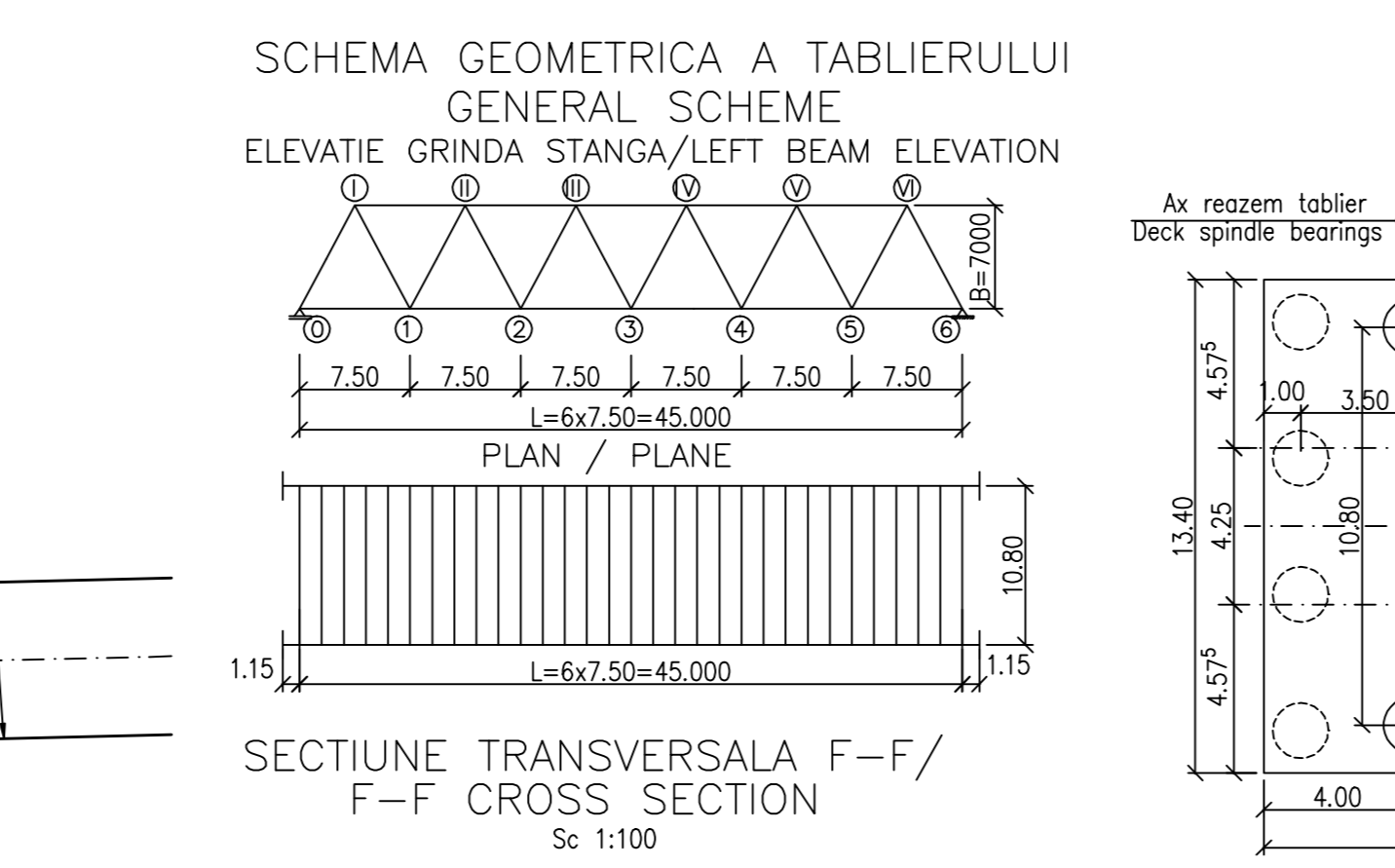
NOTA
 1. Prezentul plan s-a intocmit pe baza urmatoarelor date:
 - plan de situatie;
 - profil in lung;
 - profil transversal;
 - fisă podului;
 - calcul hidraulic;
 - date culese pe teren.
 2. Podul corespunde la canavoiele de calcul UIC (LM71 si SW/2).
 3. Noul pod are urmatoarea alcatură:
 - suprastructura: tablier metalic cu cuva din beton, pentru cale dubla;
 - infrastructura: culei din beton armat, fondate direct si pile din b.a.fundate indirect.
 4. Cotele cunzinetilor si inaltimele pe reazeme ale tablierelor se vor stabili numai dupa aprobarea aparatelor de reazem.
 5. La executie se vor respecta cu strictete prevederile din “Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 1: Producerea betonului”, indicativ NE 012/1-2007 si “Normativ pentru producerea betonului si executarea lucrarilor din beton, beton armat si beton precomprimat. Partea 2: Executarea lucrarilor din beton”, indicativ NE 012/2-2010, iar verificarea calitatii lucrarilor si receptiunea lor se va face conform normativului C56-1985.
 -La proiect sunt atasate instructiunile pentru urmarirea curenta a comportarii in timp si Programul privind controlul calitatii lucrarilor.
 6. Daca la executie se vor constata neconcordante intre situatia existenta pe teren si cea din proiect se va anunta proiectantul.
 7. Constructia se incadreaza in categoria de importanta B (constructii de importanta deosebita), modelul 1 de asigurare a calitatii si clasa de importanta B, conf.HG766/1997
 8. Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2

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APARATE DE REAZEM CU NEOPREN SI TEFLO/NEOPRENE AND TEFLO BEARING BLOCKS
 ASEZAREA APARATELOR/PLACING THE BEARING BLOCKS

1. APARAT DE REAZEM FIX / FIXED BEARING BLOCK
2. APARAT DE REAZEM GLISANT GHIDAT / GUIDED SLIDING BEARING BLOCK
3. APARAT DE REAZEM LIBER / FREE BEARING BLOCK
4. APARAT DE REAZEM GLISANT GHIDAT / GUIDED SLIDING BEARING BLOCK



TTITLUL PLANSEI / PLAN TITLE	CODICE																				
	a	b	c	d	e	f	g	h	i	j	k	l	m								
DETAILS FOR BEARING BLOCK MADE OF TEFLO/NEOPRENE	E	A	5	1	0	1	E	0	0	B	C	P	V	0	0	0	0	0	2	0	
DETAILS FOR WATERPROOFING AND JOINT COVERING	E	A	5	1	0	1	E	0	0	Q	D	K	P	V	0	0	0	0	0	3	0
DETAILS FOR DRAINAGE OPENINGS	E	A	5	1	0	1	E	0	0	Q	D	K	P	V	0	0	0	0	0	4	0
DETAILS FOR PARAPETS ON THE DECKS	E	A	5	1	0	1	E	0	0	B	C	P	V	0	0	0	0	0	1	0	0
FASTENING DETAILS FOR ELECTRIFICATION POLES	E	A	5	1	0	1	E	0	0	B	C	P	V	0	0	0	0	0	0	0	0
STRUCTURAL CONNECTIONS OF STEEL BEAM FOR PLAN GENERAL, ORIGIN METRICAL POSTERIOR TABLIER GRINDA TRUSS BEAM DECK WITH L=45 m and W= 10,80 m	E	A	5	1	0	1	E	0	0	B	C	P	V	0	0	0	0	0	1	4	0

D	C	B	A	Indice	Data	Revizie	Proiectant	Aprobat	Proiectant	Aprobat	Proiectant	Aprobat	Proiectant	Aprobat
						1	11.2011	1	11.2011	1	11.2011	1	11.2011	1
						1	11.2011	1	11.2011	1	11.2011	1	11.2011	1
						1	11.2011	1	11.2011	1	11.2011	1	11.2011	1
						1	11.2011	1	11.2011	1	11.2011	1	11.2011	1

GUVERNUL ROMANIEI ROMANIAN GOVERNMENT
 PROIECT FINANȚAT DE UNIUNEA EUROPEAN UNION FINANCED PROJECT

CFR
 C.N.C.F. "C.F.R." - S.A.
 CLIENT / CLIENT

ITALFER GRUPPO FERROVIE DELLO STATO
 Scott Wilson
 OBERMEYER PLANEN + BERATEN GmbH
 TECNIC Consulting Engineers
 CONSULTANT / CONSULTANT

Aprobat	Responsabil	Data	Semnatura
Aprobat	R. Luzzza		
Aprobat	C. Gambell		
Verificat	V.Kallidromitis		

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h, Tronsonul - Brasov - Sighisoara
 Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Brasov - Sighisoara

Denumire desen / Drawing Title :
INTERVAL / SECTION FELDIOARA - APATA
POD / BRIDGE Km 201+335.430 -G.Z.C.J.C.B. D=45,00m
DISPOZITIE GENERALA / GENERAL DISPOSITION

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr./No
E A 5 1 0 1 C 0 8 P A P V 0 1 4 0 0 0 2 1	1:200 / 1:100		01 / 01