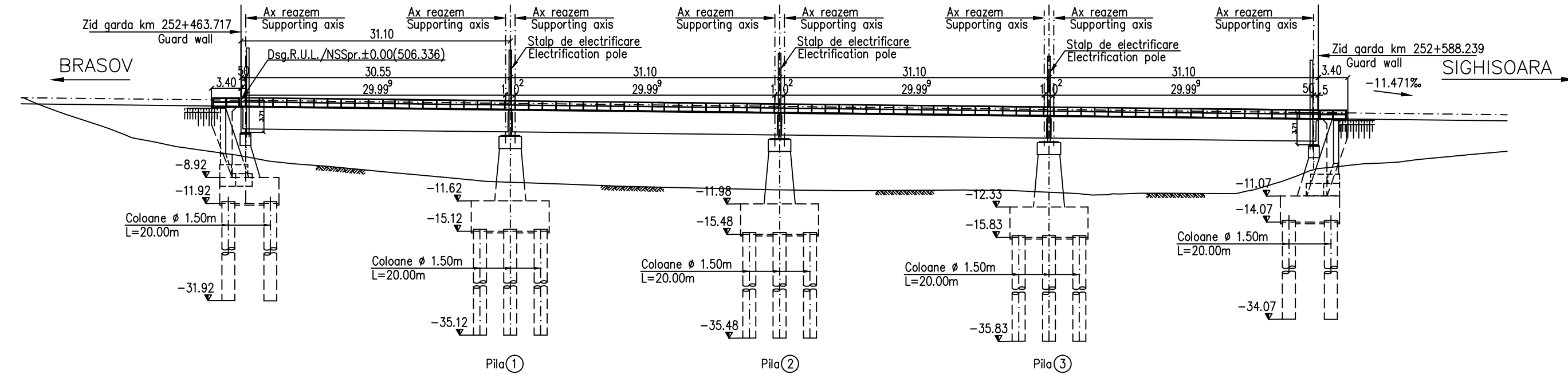
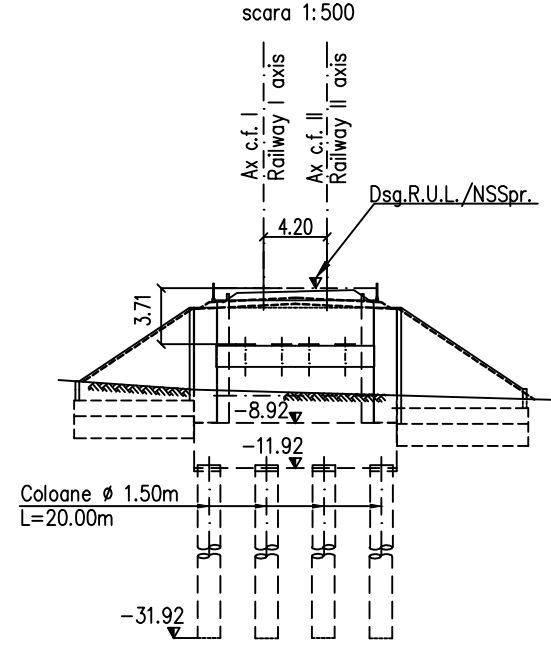


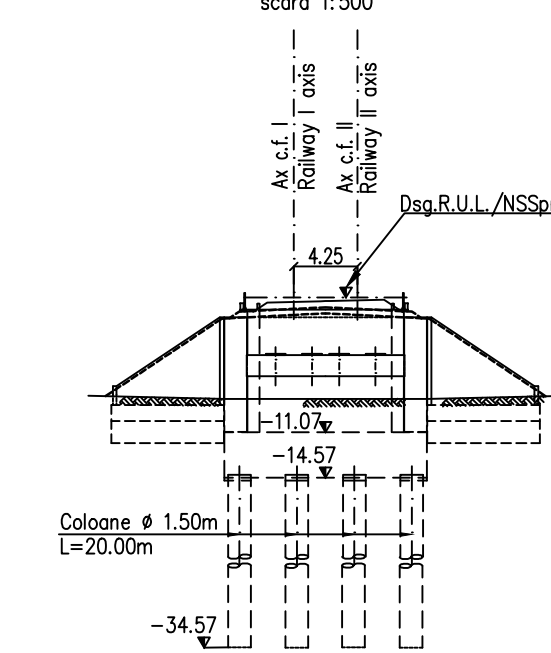
ELEVATIE / ELEVATION
scara 1:500



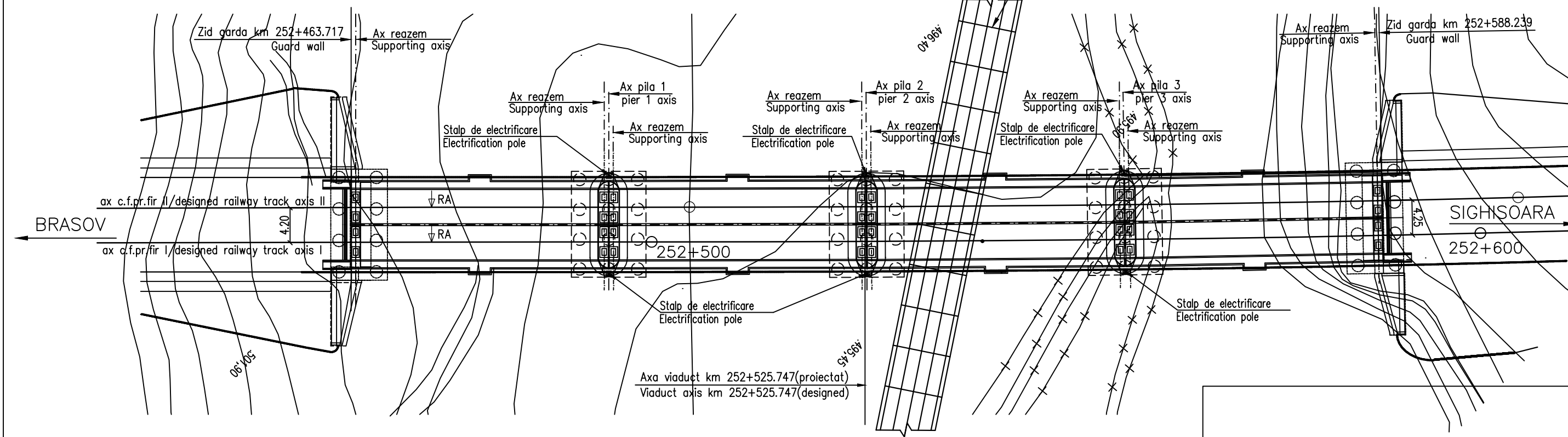
VEDERE FRONTALA CULEA BRASOV
BRASOV ABUTMENT FRONT VIEW
scara 1:500



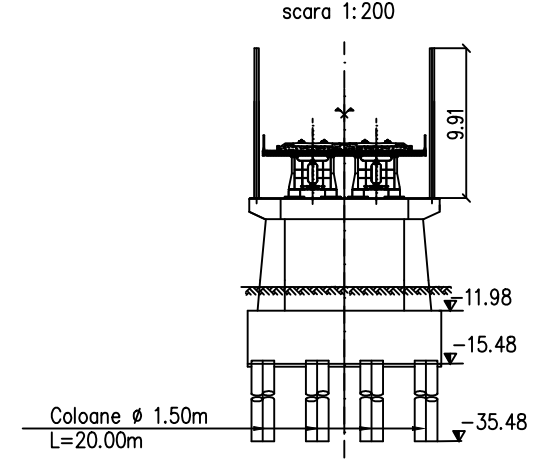
VEDERE FRONTALA CULEA SIGHISOARA
SIGHISOARA ABUTMENT FRONT VIEW
scara 1:500



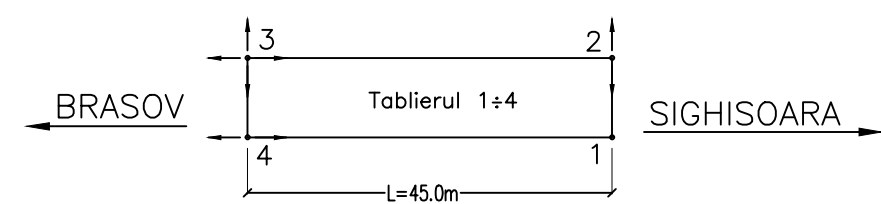
VEDERE IN PLAN / PLANE VIEW
scara 1:500



VEDERE FRONTALA PILA 2
FRONT VIEW 2
scara 1:200

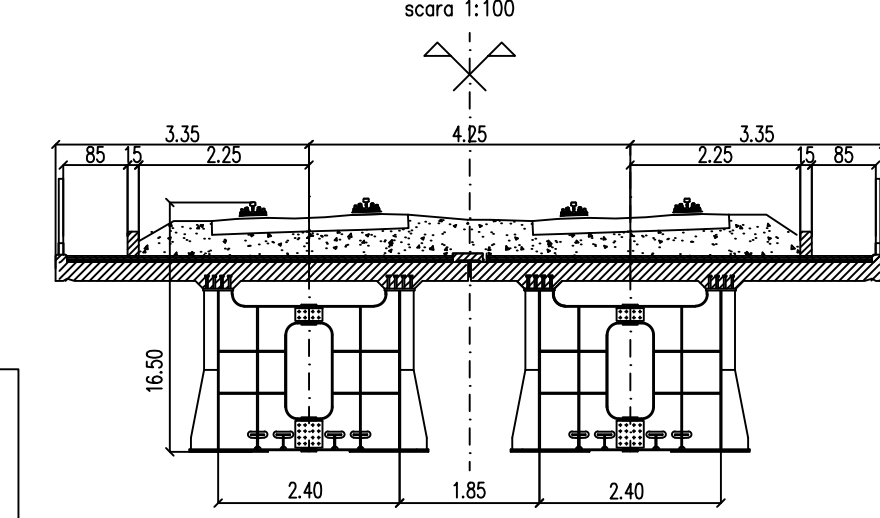


ASEZAREA APARATELOR DE REAZEM



1. APARAT DE REAZEM FIX
2. APARAT DE REAZEM GLISANT GHIDAT
3. APARAT DE REAZEM LIBER
4. APARAT DE REAZEM GLISANT GHIDAT

SECTIUNE PRIN TABLIER C-C
DECK CROSS SECTION C-C
scara 1:100



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 convoaiele de calcul UIC (LM71 si SW/2).
3. Noul pod are urmatoarea alcatuire:
- suprastructura: tablieri metalici cu cuva din beton, pentru cale dubla;
- infrastructura: culei si pile din beton armat, fondate pe coloane.
4. 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 receptionarea lor se va face conform normativului C56-1985.
5. Constructia se incadreaza in categoria de importanta B (constructii de importanta deosebita), modelul 1 de asigurare a calitatii si clasa de importanta B, conform HG 766/1997.
6. Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2.

NOTE

1. This plan has been drawn up based on the following data:
- Lay-out Plan;
- Longitudinal Profile;
- Cross-section Profile;
- Bridge's File;
- Hydraulic determination;
- Field Data.
2. The bridge corresponds to the UIC determination convoys (LM71 and SW/2).
3. The execution will strictly comply with the provisions of "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete - Part 1: Practice code for concrete production" NE 012/1-2007 and "Practice code for the concrete production and works execution, reinforced and pre-stressed concrete - Part 2: The execution of concrete works." NE 012/2-2010, and the quality and the reception of the works shall be made accordingly to Norm C 56-1985.
4. The construction has been classified in B category of importance (high important constructions), model 1-ensuring the quality and class of importance B according to G.O. 766/97.
5. The project will be checked in order to comply with the A4.2; B2.2; D2.2 requirements.

NOTA

Lungimea fisei coloanelor se va stabili in urma forarii „in situ” cu identificarea fisei 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.

This drawing is forbidden to be copied, lent or used in other purposes than those previously approved by AREX Lider Company as its owner.
Se interzice copierea, difuzarea, imprumutarea sau utilizarea in alte scopuri, fara permisiunea AREX Lider Company ca proprietar al desenului.

D					
C					
B					
A	12.2011	Revizia 1 1 Revision	Maria Campan		
Index	Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR

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

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

CLIENT / CLIENT
ITALFERR GRUPPO FERROVIE DELLO STATO Joint Venture leader
Scott Wilson
OBERMEYER PLANEN + BERATEN GmbH
TECNIC Consulting Engineers

CONSULTANT / CONSULTANT			Date	Semnatura
Aprobat / Approved	Sef proiect / Project manager	R. Liuzza		<i>[Signature]</i>
Aprobat / Approved	Coordonator Sectiune 1 / Section 1 Coordinator	C. Gambelli		<i>[Signature]</i>
Verificat / Checked	Expert Cheie / Checking Expert	V.Kallidromitis		<i>[Signature]</i>

SUBCONTRACTANT / SUBCONTRACTOR				
Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible	A. Dinulescu Stanciu	10.2011	<i>[Signature]</i>
Intocmit / Elaborated	Proiectant / Designer	Maria Campan	10.2011	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Braşov - Sighişoara
Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Braşov - Sighişoara

Project/Project
2004/RO/16/PIPA/003
Faza / Phase:
P.Th. / T.D.

Denumire desen / Drawing Title :
INTERVAL / SECTION CATA-ARCHITA
Viaduct Km 252+525.747 - D= 4x30.00m
DISPOZITIE GENERALA / GENERAL DISPOSITION

Codificare / Codification System	Scara / Scale 1:500	LOT / LOT	Nr. / No 01 / 01
----------------------------------	------------------------	-----------	---------------------

EA51 01 C 14 PA PV 03 1 0 002 1