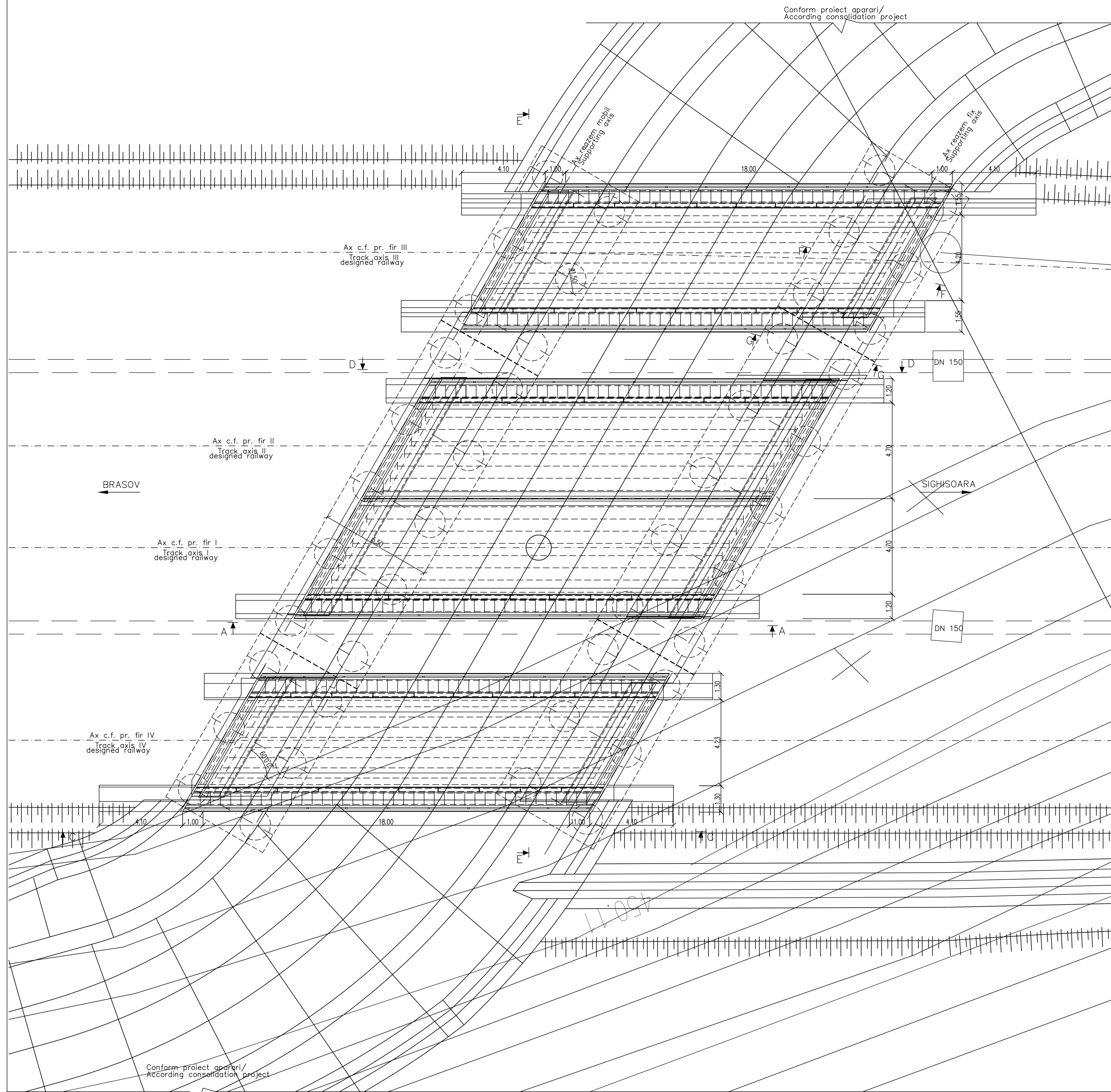
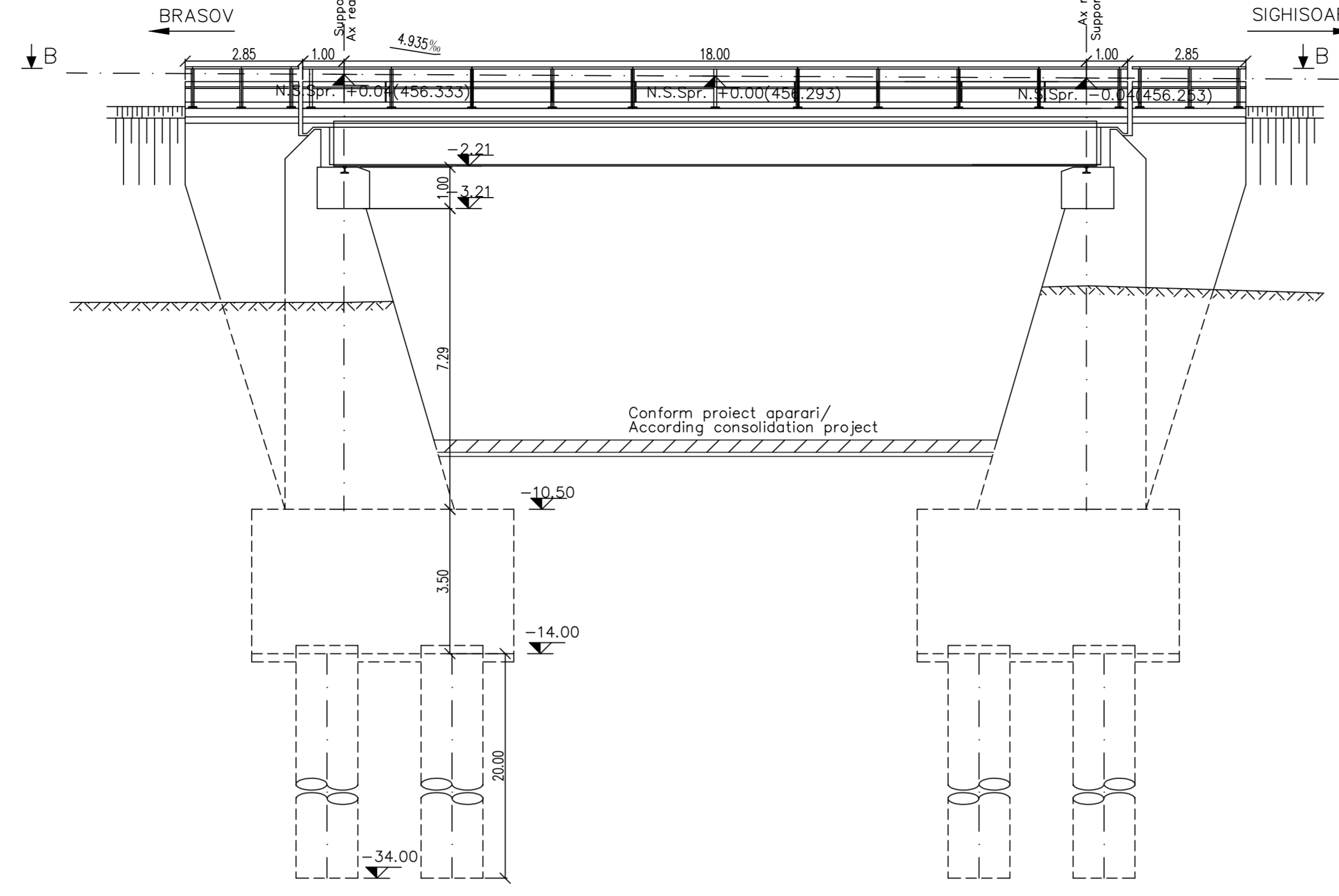


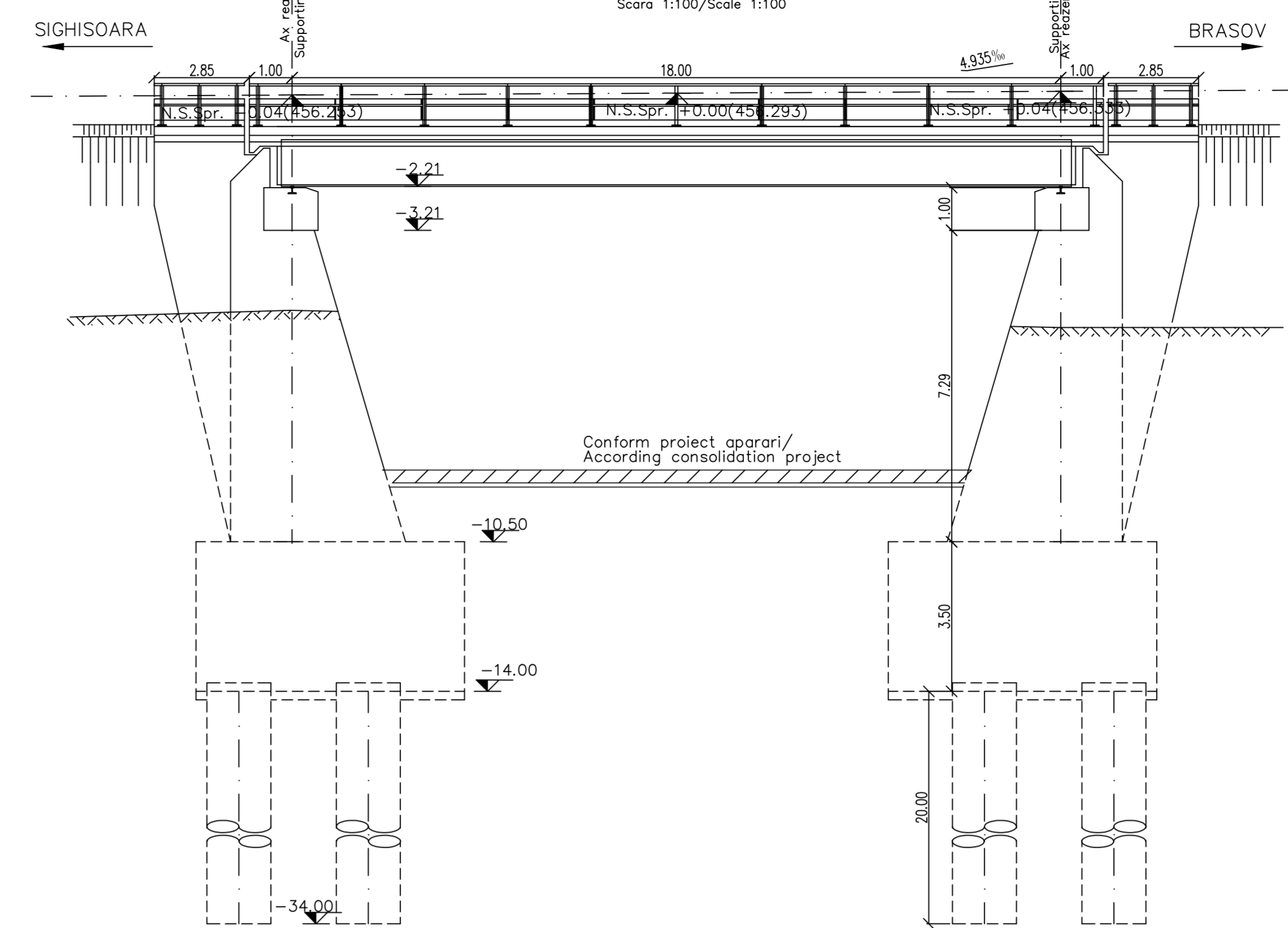
VEDERE IN PLAN B-B / B-B PLAN VIEW
Scara 1:100/Scale 1:100



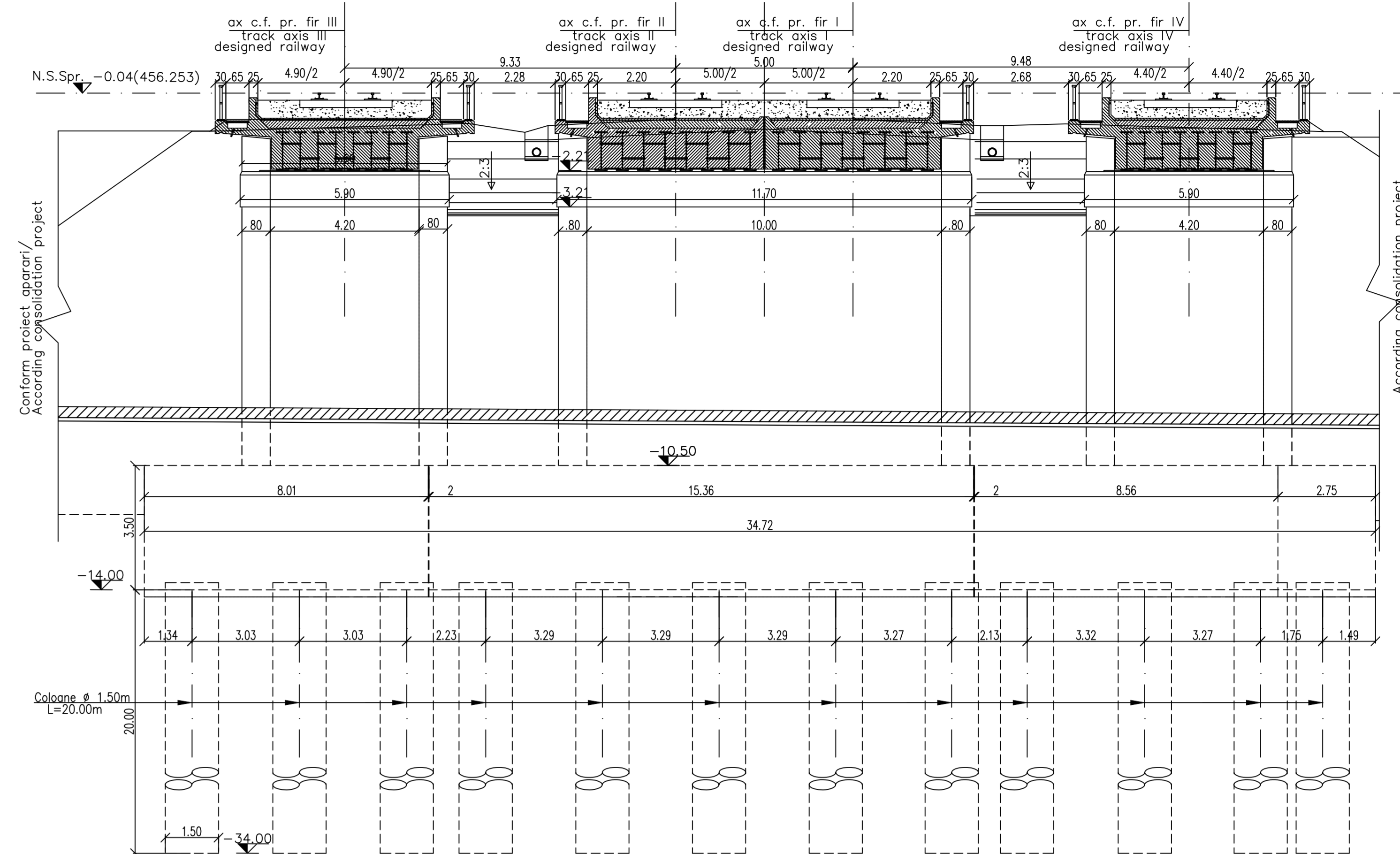
ELEVATIE A-A / A-A ELEVATION
Scara 1:100/Scale 1:100



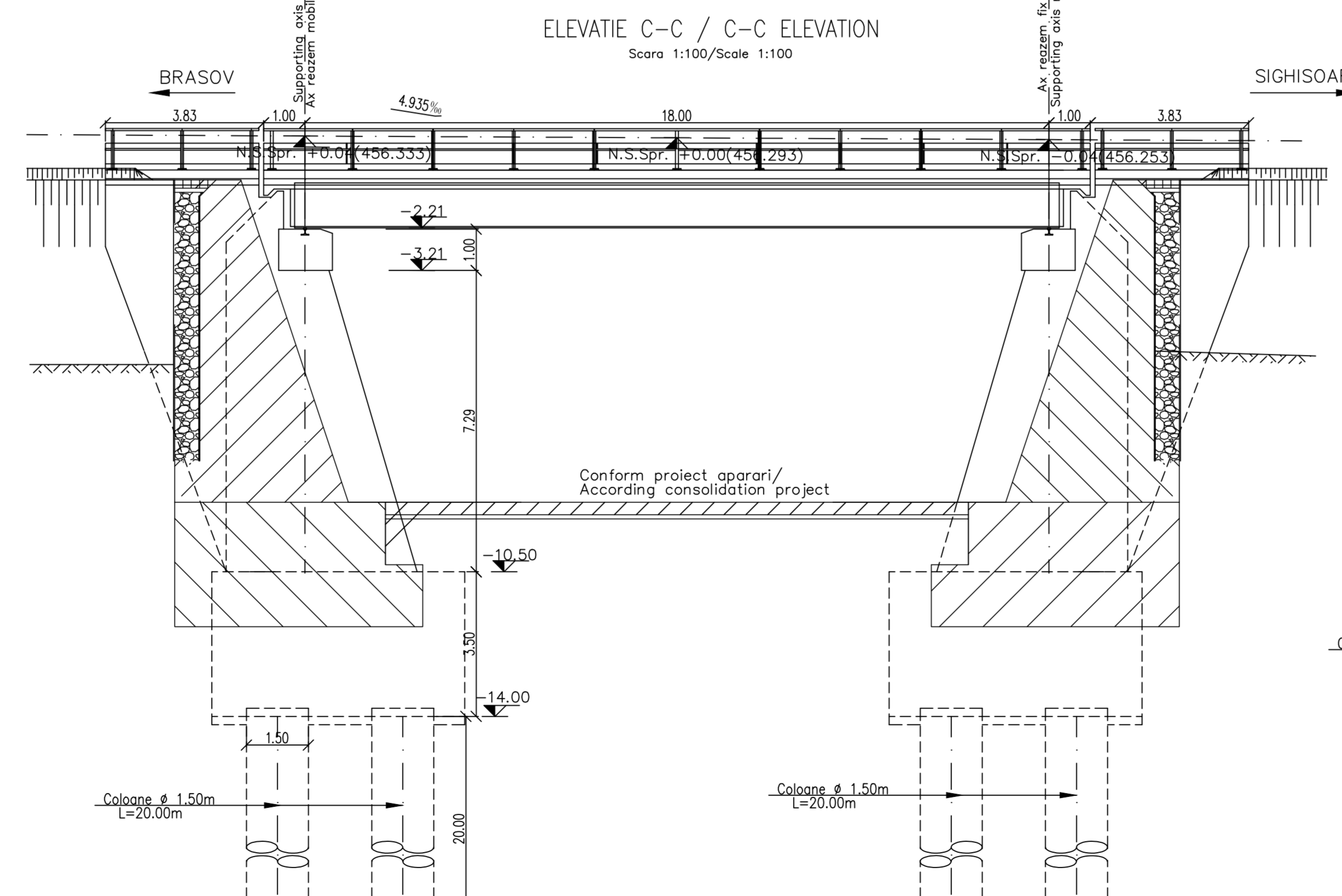
ELEVATIE D-D / D-D ELEVATION
Scara 1:100/Scale 1:100



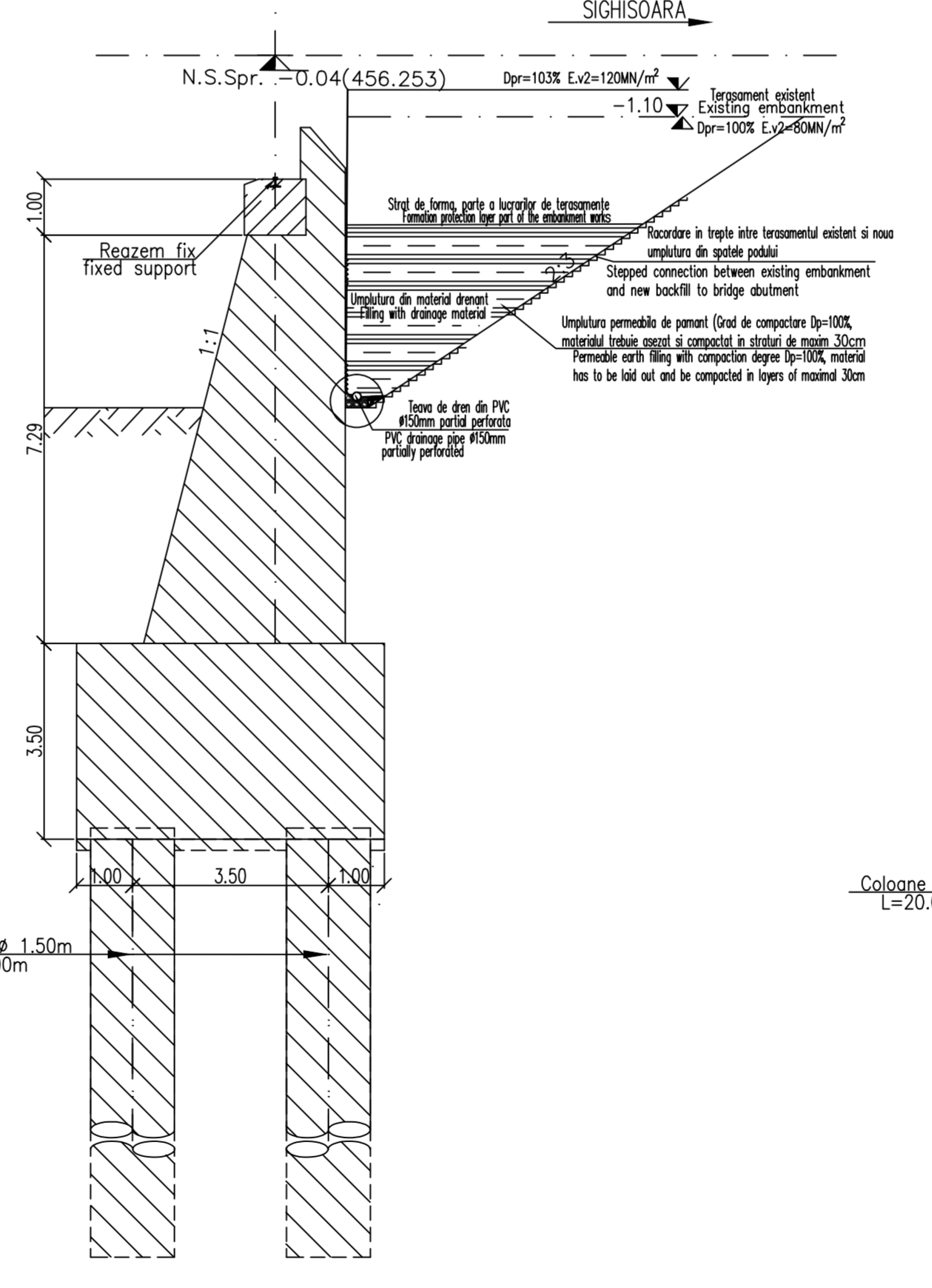
SECTIUNE TRANSVERSALA E-E/E-E CROSS SECTION
Scara 1:100/Scale 1:100



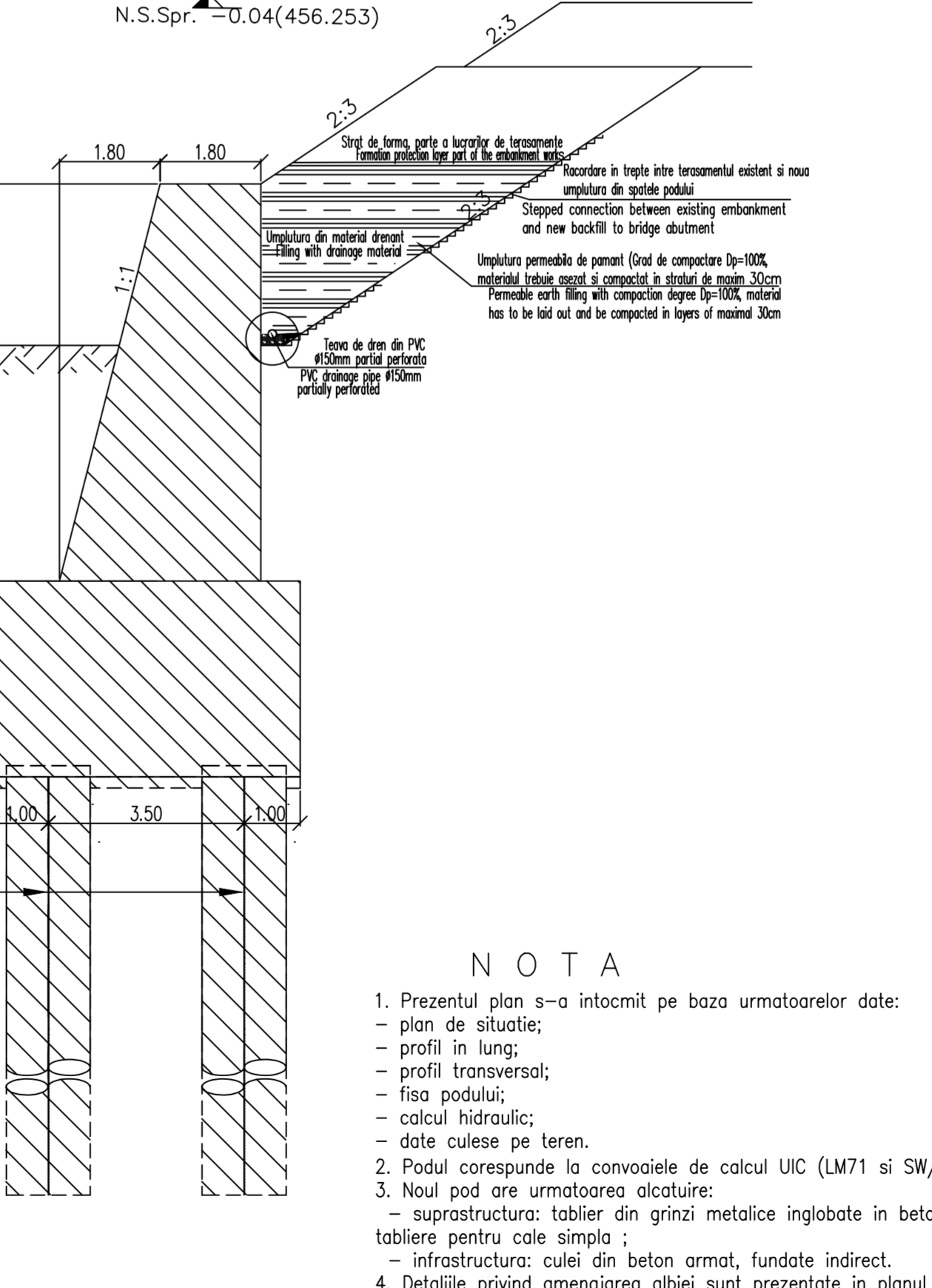
ELEVATIE C-C / C-C ELEVATION
Scara 1:100/Scale 1:100



SECTIUNE F-F / SECTION F-F
Scara 1:100/Scale 1:100



SECTIUNE G-G / SECTION G-G
Scara 1:100/Scale 1:100



LEGENDA BETOANELOR/CONCRETE LIST

- Beton armat in grinzii inglobate de clasa Concrete in bearings and in the deck slabs
- Beton de protectie in stratul de protectie a hidroizolatiei Concrete in the protection layer of waterproofing system
- Beton in dalele prefabricate pentru trotuare Concrete in the prefabricated slabs required for the sidewalks
- Beton in dalele prefabricate pentru grinzile inglobate in beton Concrete in the prefabricated slabs required for the decks made out of steel girders embedded in to concrete
- Beton armat in culzile si in bordetele culzilor Reinforced concrete in the cushions and cushions bench
- Beton simplu in fundatii Plain concrete in abutments foundations

NOTA

- Prezentul plan s-a intocmit pe baza urmatoarelor date:
- Podul este un sistem de calea ferata cu doua linii.
- Structura de rezistenta este realizata din beton armat.
- Detaliile privind amenajarea obisii sunt prezentate in planul de situatie.
- La executie se vor respecta cu strictete prevederile din "Cod de practica pentru 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 C56-1995.
- Proiectul este atasat instructiunilor pentru urmarea curenta a comportarii in timp si Programul privind controlul castitatii lucrarilor.
- De la executie se vor constata neconcordantele intre situatia existenta pe teren si cea din proiect se va anunta proiectantului.
- Constructia se incadreaza in categoria B de importanta. Constructii de importanta deosebita, modelul 1 de asigurare a calitatii conform HG 766/97.
- Proiectul va fi verificat la exigentele AA.2, B2.2, D2.2.

NOTA

- This plan has been drawn up based on the following data:
- The new bridge has the following structure:
- Superstructure: metallic girders embedded in concrete.
- Details of the arrangement of the bed are shown in plan situation.
- The execution will strictly comply with the provisions of "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."
- In case during the execution there will be found out any discrepancies between the existing situation on site and in project, the designer will be announced.
- The construction is classified in the B category of importance. Special importance constructions, model 1 for quality ensuring according to HG 766/97.
- The project will be checked to comply with the requirements AA.2; B2.2; D2.2.

ATENTIE/ATTENTION

- Turnarea betonului se va face continuu (fara intrerupere), inclusiv in consola, in timp de max. 5 ore folosind intarziator de priza.
- Montarea cast, inclusiv bolului, se va face dupa minim 28 zile de la turnarea golei.
- Concretul trebuie sa fie continuu pus (fara intreruperi), inclusiv in braket, during max. 5 hours, using Replast retarder, in case of pouring at environment temperature over 10°C.
- The track, including the ballast shall be mounted after minimum 28 days from the concrete slab pouring.

NOTA

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 break-down 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.

DATE HIDRAULICE		HYDRAULIC DATA	
-Inaltimea de apa in pod:	h=2,49m	-Hydraulic height:	h=2,49m
-Perimetrul udului:	P=19,65m	-Wet perimeter:	P=19,65m
-Aria udului:	A=35,51mp	-Wet surface:	A=35,51mp
-Viteza de curgere apa:	V=4,70mc/s	-Water low speed:	V=4,70mc/s

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Index	Date	Modification/Revision	Dna. Andreea	Projectant	Approved Consultant	Approved CFR
D	12.2011	Revizua 1				
C		1 Revizua				
B						



CLIENT / CLIENT
PAULNER GRUPUL FERVIAR DELTA
Scoti Wilson
OBERMEYER PLANEN + BERATAN GmbH
TECNIC
FLANEN + BERATAN Engineers

CONSULTANT / CONSULTANT		Date	Signature
Approved	Sef proiect		R. Liuzza
Approved	Project manager		
Approved	Coordinator Section 1		C. Gambelli
Checked	Technical		V. Kallidromitis
Checked	Checking Expert		

SUBCONTRACTANT / SUBCONTRACTOR		Date	Signature
Approved	Responsabil Subcontractant	12.2011	
Approved	Subcontractant Responsible		
Approved	Projectant		Dinu Andreea
Approved	Designer	12.2011	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta 8 a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h, **Tronsoanel: 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:
STATIA / STATION ARCHITA
POD / BRIDGE Km 258+563.472 D=18.00m
DISPOZITIE GENERALA / GENERAL LAYOUT

Codificare / Codification System		Stara / Scale	LOT / LOT	No
E A 5 0 1 C 15 PA PV 03 7 0 0 2 0		1:100		01/01