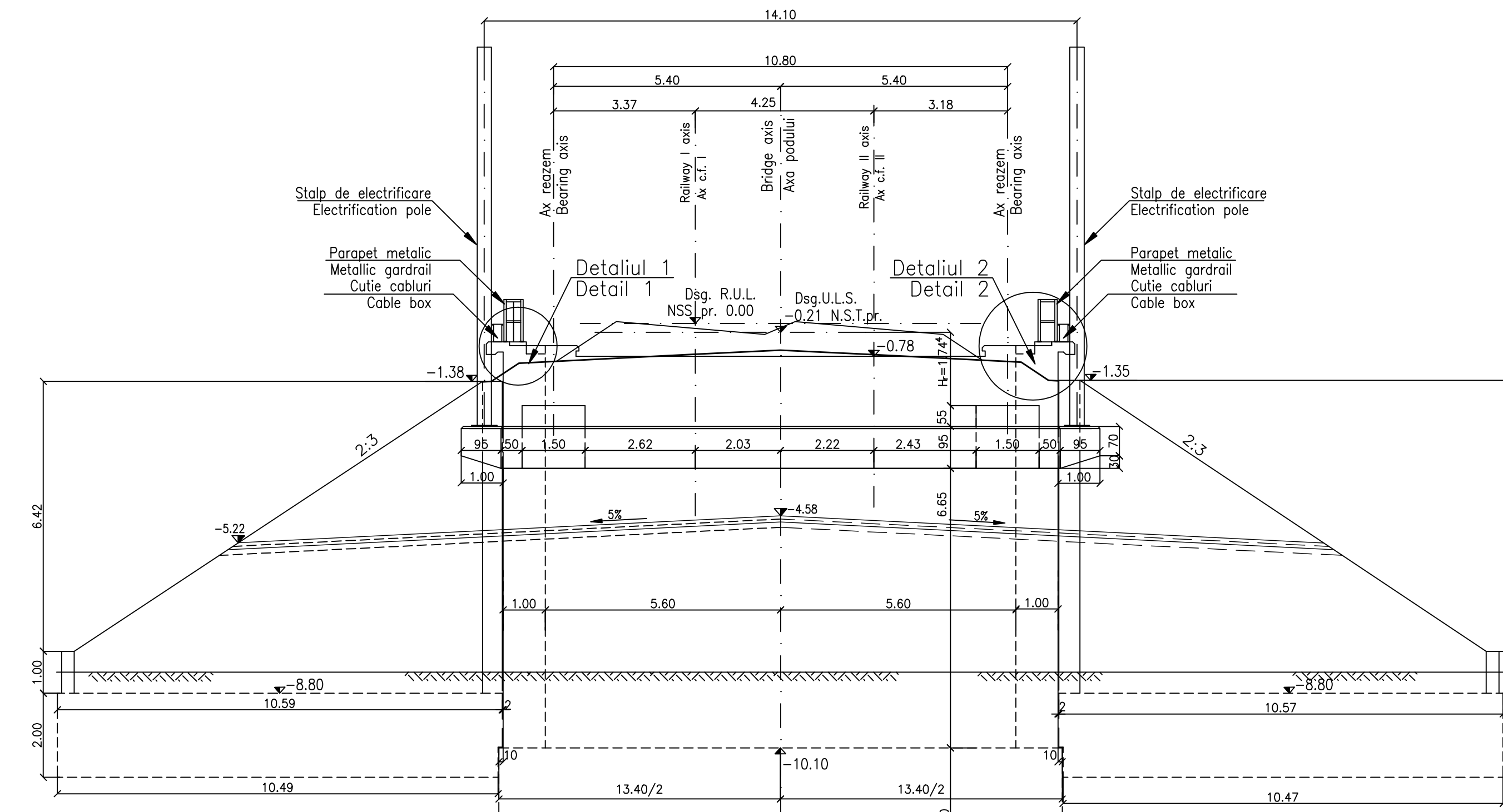
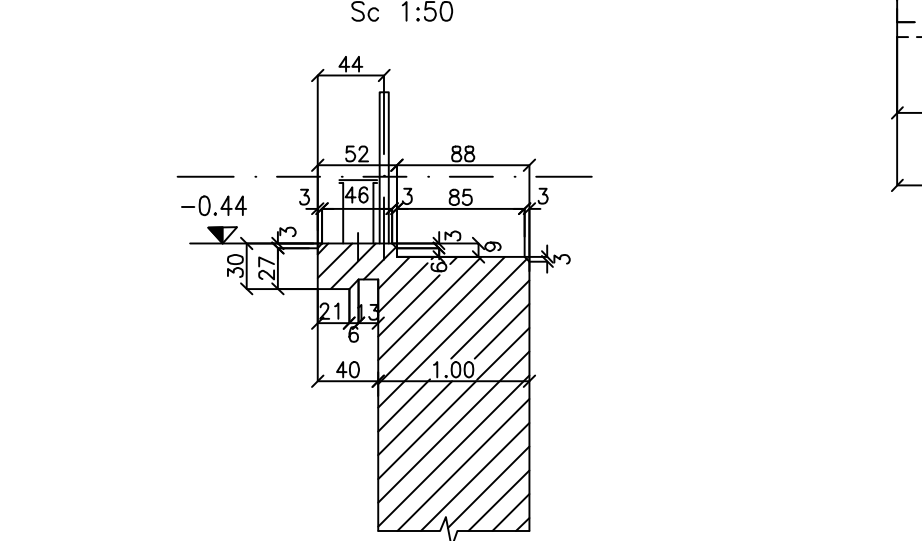


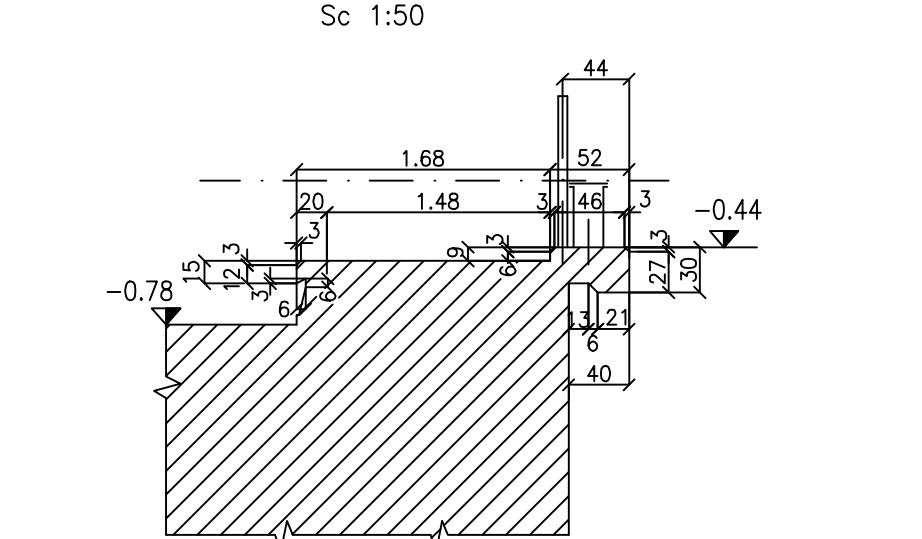
VEDERE A-A/A-A VIEW
Sc 1:100
14.10



Detalii/Detail 1
Sc 1:50



Detaliul/Detail 2
Sc 1:50



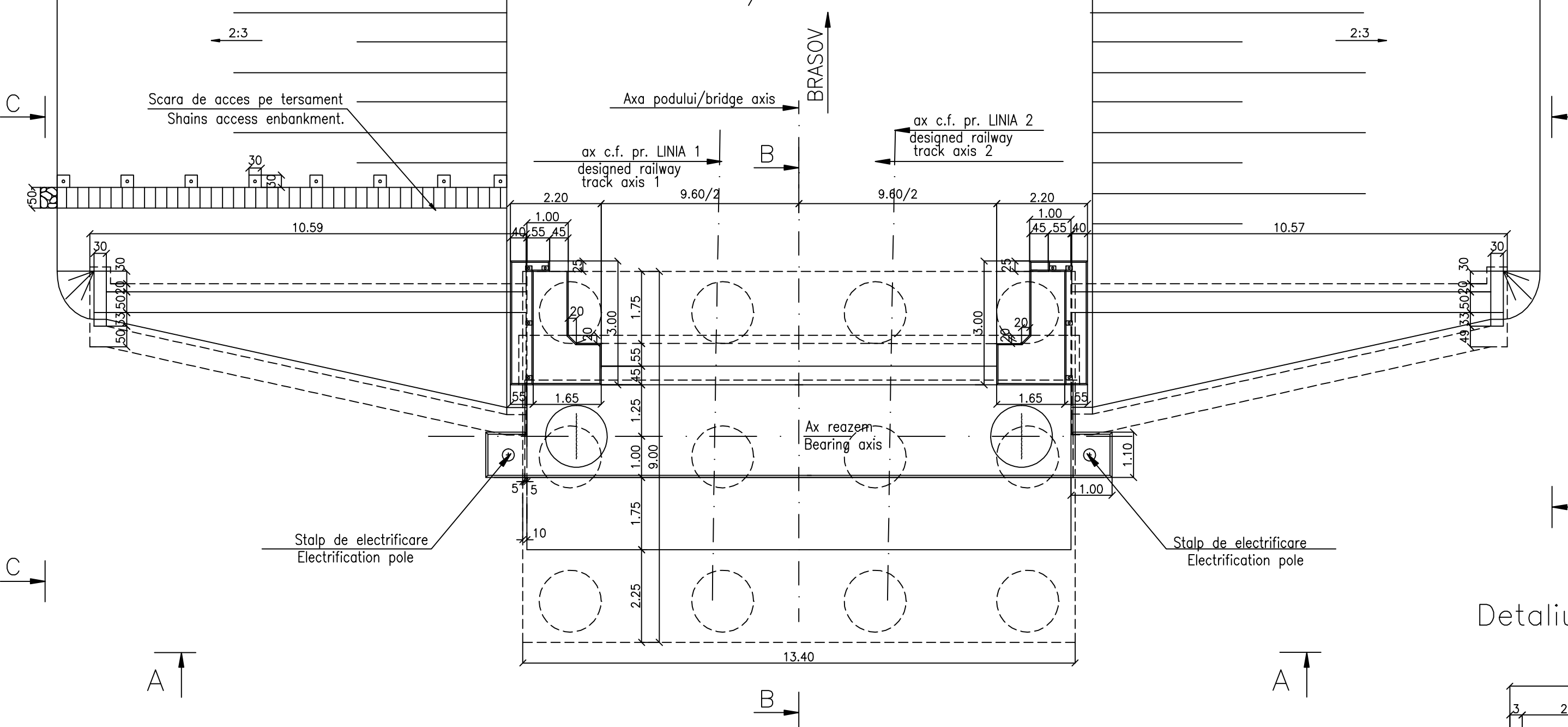
ATENȚIE/ATTENTION
Aprovizionarea aparatelor de reazem se va face inaintea executarii cuzinetilor si a banchetelor acestora. In cazul in care inaltimea aparatelor de reazem aprovizionate difera fata de cea considerata in proiect se vor modifica inaltimea pe reazem corespunzator cu noile aparate. The bearing blocks shall be supplied before building the bearings and their seats. In case the height of the supplied bearing blocks differs from that given in the project, the heights on the seats shall be adjusted so as to comply with the new devices.

LEGENDA BETOANELOR/CONCRETE LIST

- Beton armat în cuzineti și în bancheta cuzinetilor
Reinforced concrete in the cushions and cushions bench
C 35/45-CEM I/A-S 52,5-(XC4+XF3+XA2)-A/C=0,50-D_{max} 16-CI 0,20
- Beton armat în fundatii indirecte (coloane și radieri) și în elevatii:
Plain concrete in abutments foundations:
C 25/30-CEM II/A-S 42,5-(XC4+XF3)-A/C=0,50-D_{max} 32-CI 0,20
- Beton simplu în fundatii și elevatii arilor:
Simple concrete foundations and elevation in the wings:
C 25/30-CEM II/A-S 32,5-(XF1)-A/C=0,50-D_{max} 32-CI 0,20
- Beton de egalizare
Concrete leveling
C 25/30-CEM II/A-S 32,5-(XF3)-A/C=0,55-D_{max} 16-CI 0,20

In cazul in care temperatura in timpul turnarii este scazuta, se vor folosi cimenturile cu rezistenta initiala mare, R si aditivi acceleratori, iar in cazul turnarii pe timp calduros, cimenturile cu rezistenta initiala uzuala, N si aditivi intarziatori (conf. NE 012/2-2010 si tabelul 2 din SR EN 197-1:2002).
When the temperature during the casting is low, cements with high initial resistance, R and accelerating additives shall be used and when it is cast during warm weather, cements with common initial resistance, N and delaying additives shall be used (according the norm NE 012/2-2010 and table 2 for the SR EN197-1:2002).

PLAN / PLANE VIEW



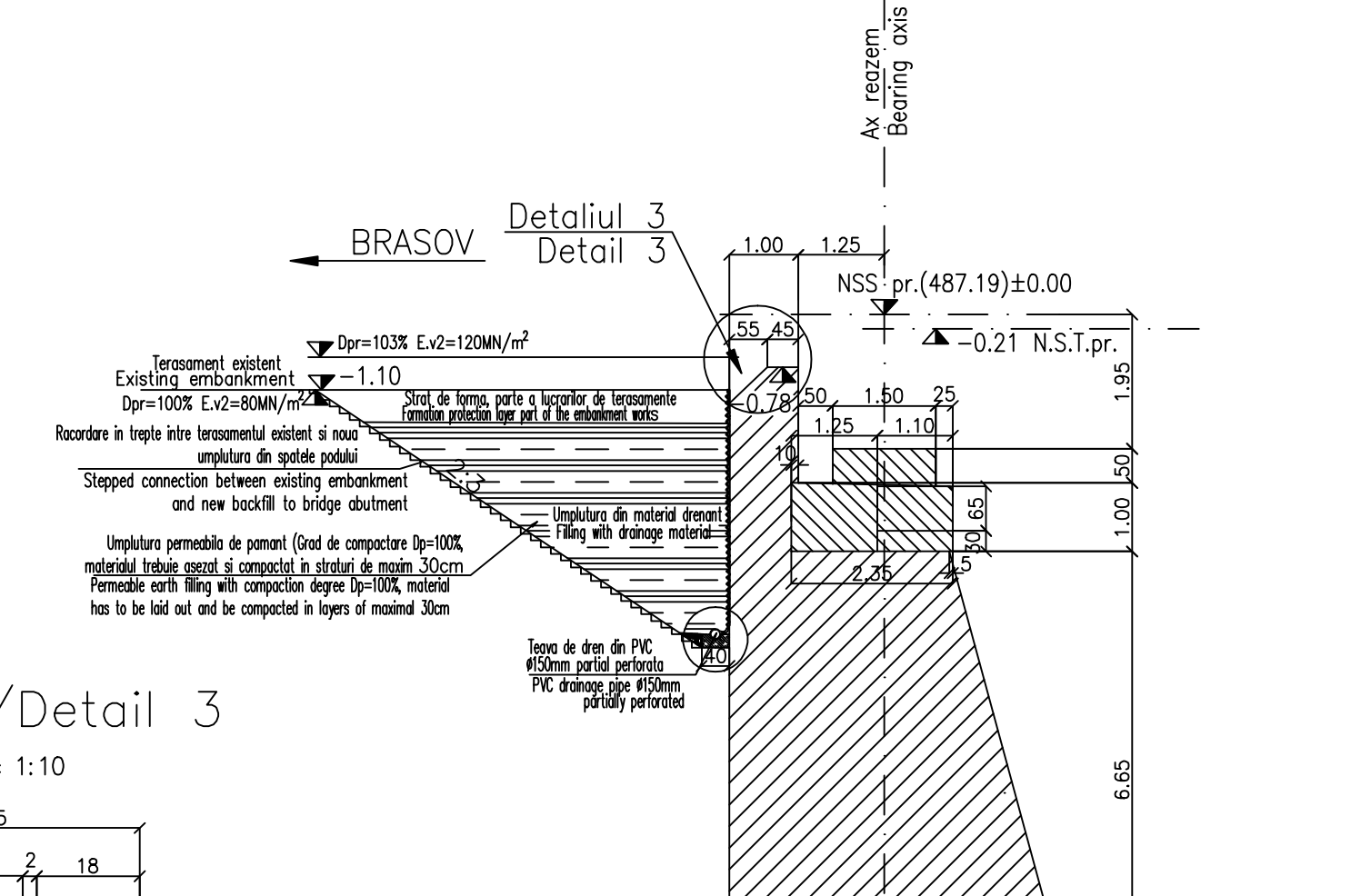
NOTA

1. Prezentul plan s-a intocmit pe baza urmatoarelor date: -plan de situatie; -dispozitie generala; -profil in lung; -profil transversal; -fisa podului; -calcul hidraulic; -date culese pe teren.
2. Podul corespunde la convoaiele de calcul UIC (LM71 si SW/2).
3. Noul pod are urmatoarea alcaturire: - suprastructura: tablier metallic cu cuva din beton, pentru cale dubla; - infrastructura: culei din beton armat, fundate indirect.
4. Cotele cuzinetilor si inaltimea pe reazem ale tablierelor se vor stabili numai dupa aprovizionarea ap. 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 receptionarea lor se va face conform normativului CS6-1985.
-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 neconcordanțe între situația existentă pe teren și cea din proiect se va anunța proiectantul.
7. Construcția se încadrează în categoria de importanță B (construcții de importanță deosebită), modelul 1 de asigurare a calitatii și clasa de importanță B, conform HG 766/1997.
8. Proiectul va fi verificat la exigențele A4.2; B2.2; D2.2.

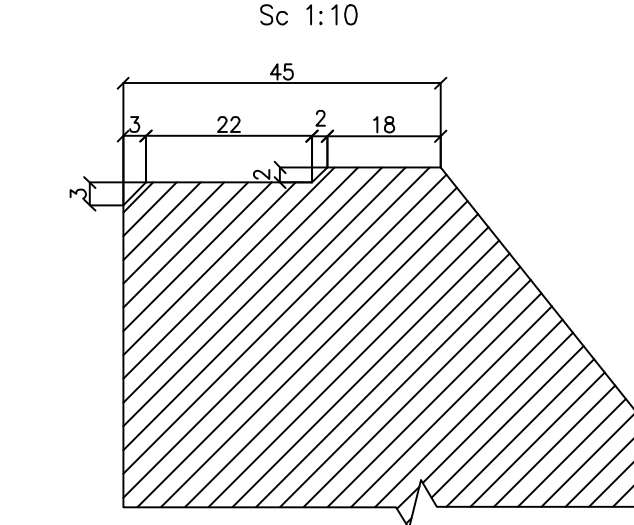
NOTE

1. This plan has been drawn up based on the following data: -Lay-out Plan; -the general disposition; -Longitudinal Profile; -Cross-section Profile; -Bridge's File; -Hydraulic determination; -Field Data.
2. Bridge conveys calculation corresponds to UIC (LM71 and SW/2).
3. The new bridge has the following structure: - Superstructure: metallic deck with concrete box for double track; - Infrastructure: abutments and reinforced concrete, with indirect foundation.
4. Shores bearing bushings and height on the decks will be established only after the supply of support equipment
5. 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 the concrete production and works execution, reinforced and pre-stressed concrete - Part 2: 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.
6. 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.
7. 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.
8. The project will be checked to comply with the requirements A4.2; B2.2; D2.2.

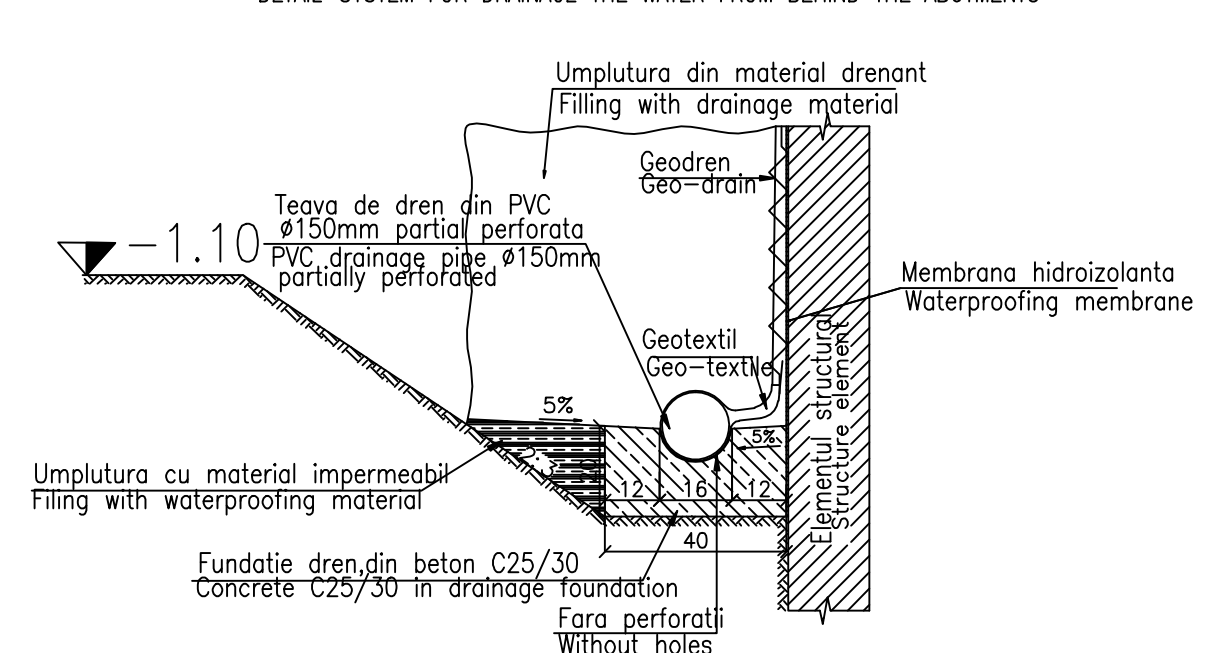
SECTIUNE / SECTION B-B



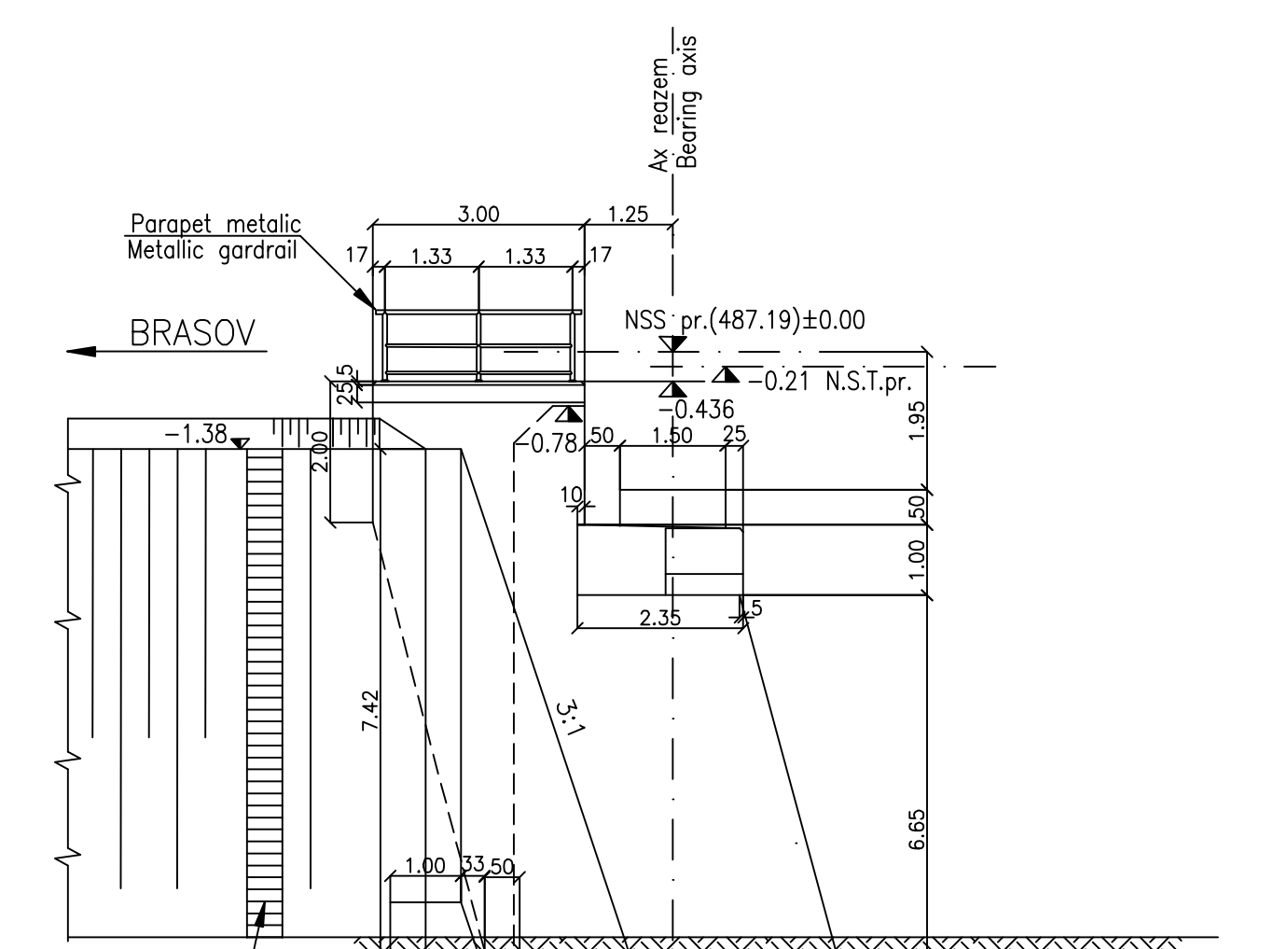
Detalii/Detail 3
Sc 1:10



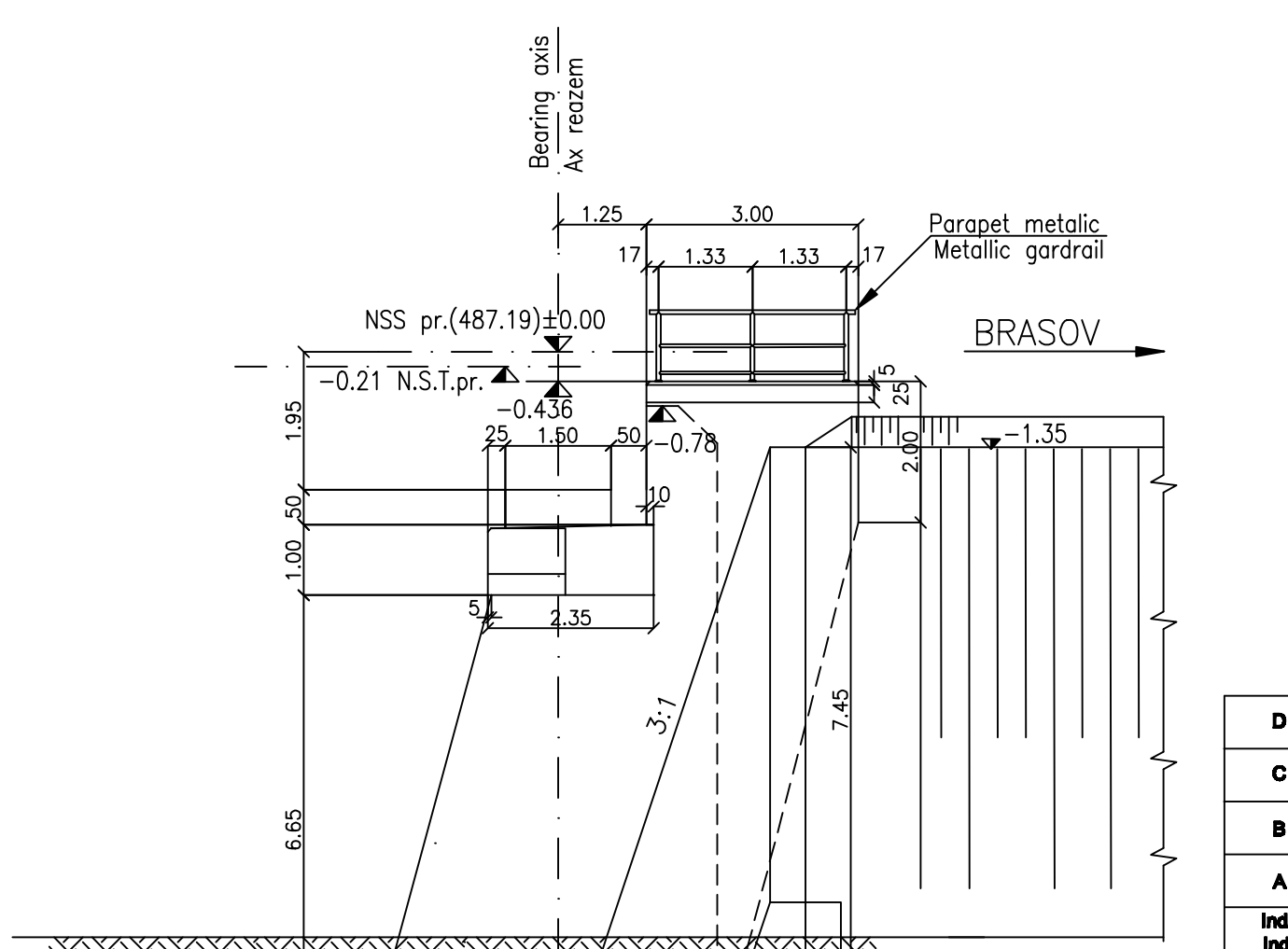
DETALIU-SISTEM DE DRENARE A APELOR DIN SPATELE CULEELOR
DETAIL-SYSTEM FOR DRAINAGE THE WATER FROM BEHIND THE ABUTMENTS



VEDERE C-C/C-C VIEW



VEDERE D-D/D-D VIEW



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

Index	Date	Revizie 1 1 Revision	Campan Maria	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
-------	------	-------------------------	--------------	------------------------	---	-----------------------------

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEA
EUROPEAN UNION FINANCED PROJECT

CFR

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

CLIENT / CLIENT

ITALFER
GRUPUL FERROVIE DELLO STATO
Joint Venture leader

Scott
Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

Aprobat Approved	Șef proiect Project manager	R. Luzzi	Data Date	Semnătură Signature
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Expert Șale Checking Expert	V. Kalidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

Aprobat Approved	Responsabil Subcontractant Subcontractant Responsible	A. Dimulescu Stancliu	11.2011	
Intocmit Elaborated	Proiectant Designer	Campan Maria	11.2011	

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

Proiect/Project
2004/RO/16/P/PA/003

Faza / Phase:
P.Th. / T.D.

Denumire desen / Drawing Title :

INTERVAL / SECTION FELDIOARA - APATA

POD / BRIDGE km 201+335.43 -G.Z.C.J.C.B. D=45.00m

PLAN COFRAJ CULEEA BRASOV /FORMWORK PLANE (BRASOV ABUTMENT)

Codificare / Codification System	Scale / Scala 1:100 1:50	LOT / LOT	Nr. / No 01/01
----------------------------------	-----------------------------	-----------	-------------------

EA51 01 E 08 BB PV 01 4 2 003 1