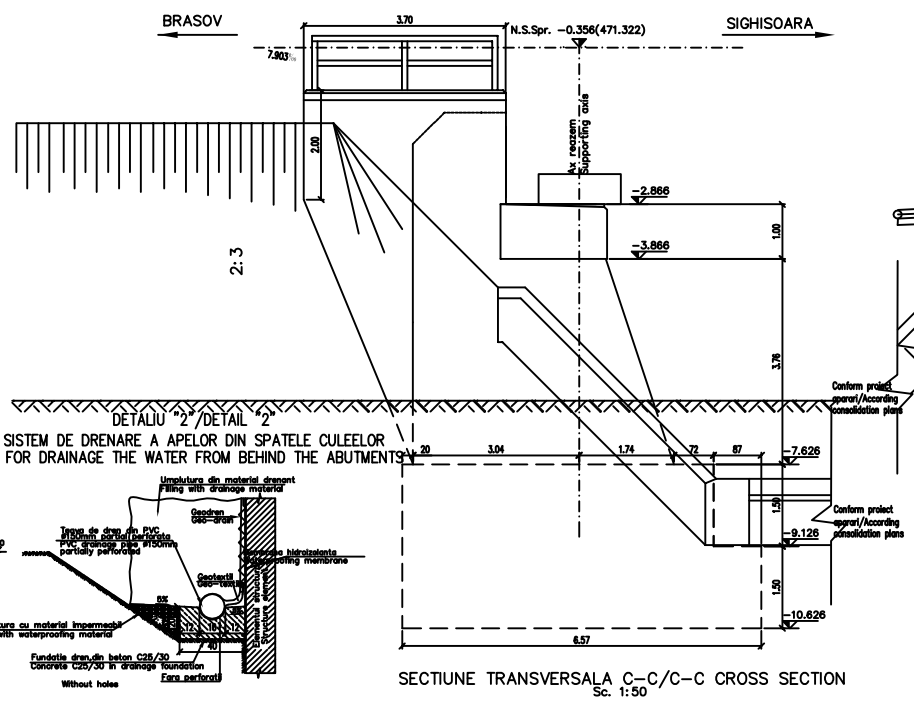
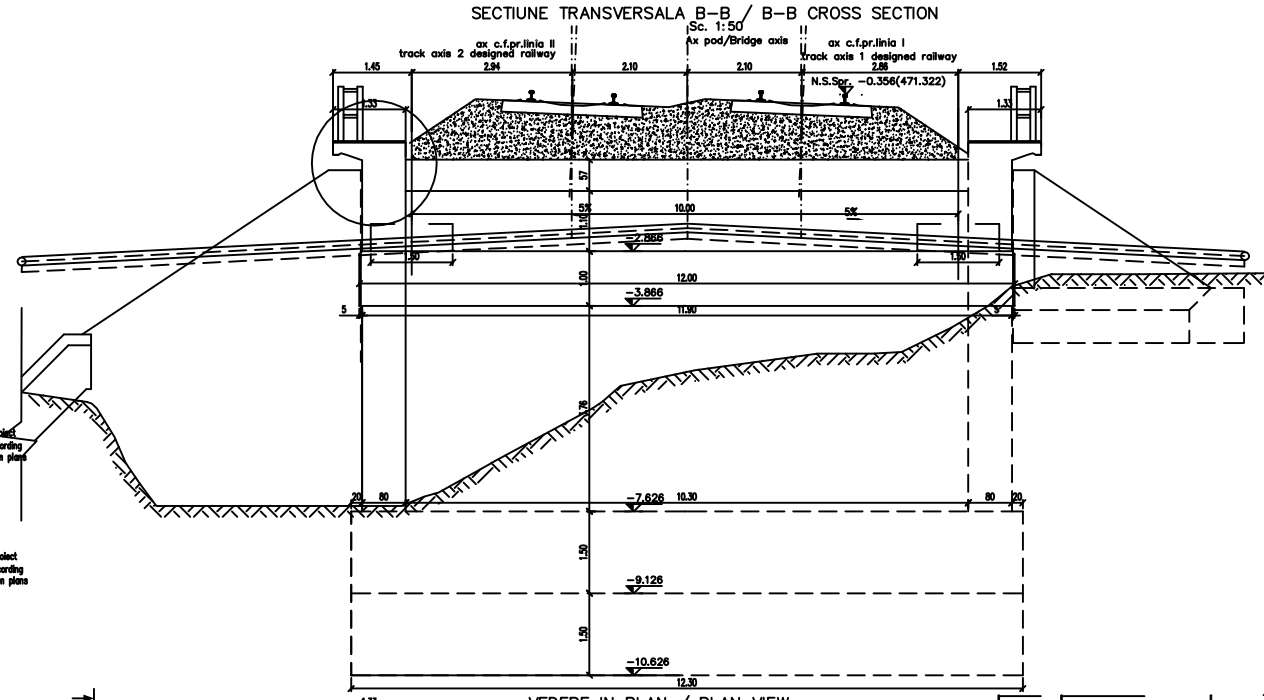
VEDERE CULEE A–A/A–A ABUTMENT VIEW
Sc. 1:50

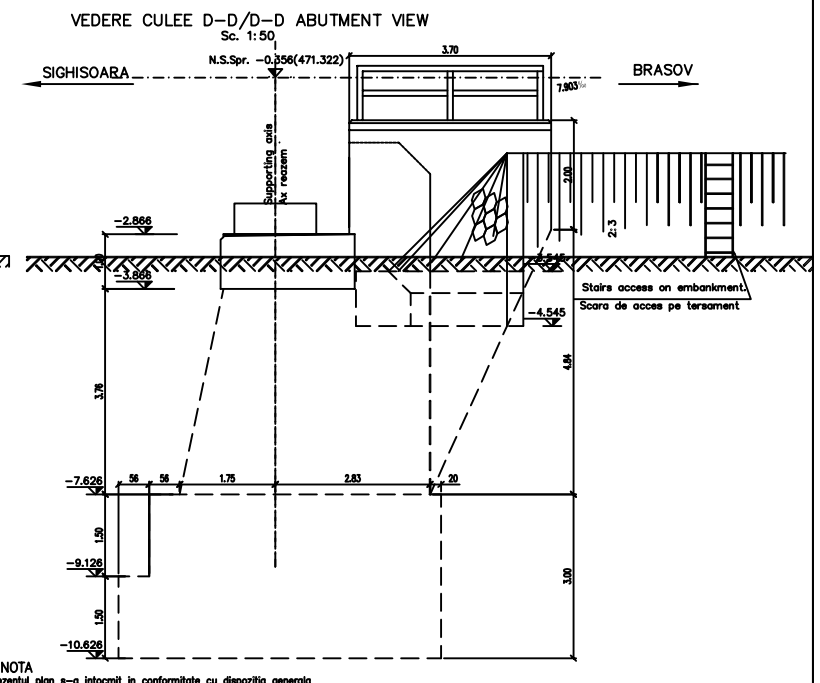


DETALIU "2"/DETAIL "2"
SISTEM DE DRENARE A APELOR DIN SPATELE CULEELOR
SYSTEM FOR DRAINAGE THE WATER FROM BEHIND THE ABUTMENTS

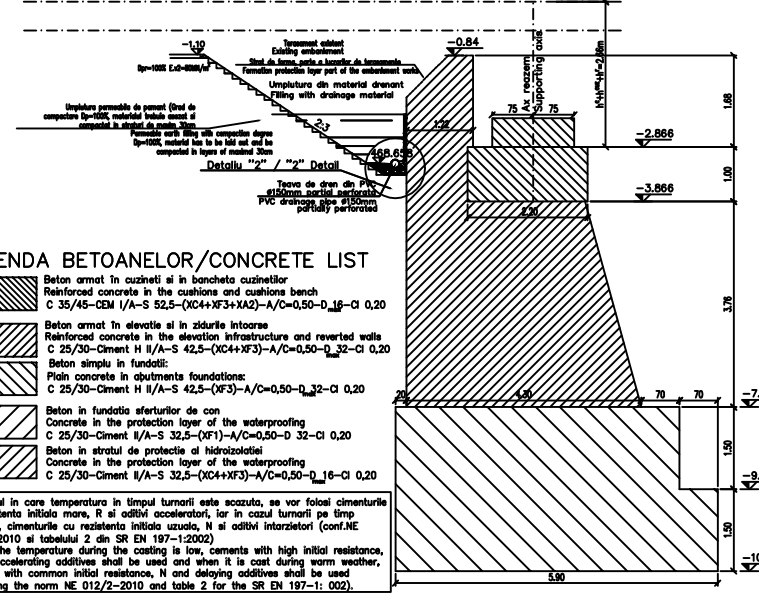
SECTIUNE TRANSVERSALA B–B / B–B CROSS SECTION
Sc. 1:50



VEDERE CULEE D–D/D–D ABUTMENT VIEW
Sc. 1:50



SECTIUNE TRANSVERSALA C–C/C–C CROSS SECTION
Sc. 1:50



LEGENDA BETOANELOR/CONCRETE LIST

- Beton armat in cuzineti si in 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_16–Cl 0,20
- Beton armat in elevatie si in zidurile intoarse
  Reinforced concrete in the elevation infrastructure and reverted walls
  C 25/30–Ciment H II/A–S 42,5–(XC4+XF3)–A/C=0,50–D_32–Cl 0,20
- Beton simplu in fundatii:
  Plain concrete in apulments foundations:
  C 25/30–Ciment H II/A–S 42,5–(XF3)–A/C=0,50–D_32–Cl 0,20
- Beton in fundatia aferturilor de con
  Concrete in the protection layer of the waterproofing
  C 25/30–Ciment II/A–S 32,5–(XF1)–A/C=0,50–D 32–Cl 0,20
- Beton in stratul de protectie al hidroizolatiei
  Concrete in the protection layer of the waterproofing
  C 25/30–Ciment II/A–S 32,5–(XC4+XF3)–A/C=0,50–D_16–Cl 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 caldcare, cimenturile cu rezistenta initiala uzuala, N si aditivi intarzietori (conf.NE 012/2–2010 si tabelului 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 EN 197–1: 002).

ATENTIE/ATENTION
Aprovizionarea aparatelor de reazem se va face inaintea executarii cuzinetilor si a banchetei acestora. In cazul in care inaltimea aparatelor de reazem aprovizionate difera fata de cea considerata in proiect se vor modifica inaltimile 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.

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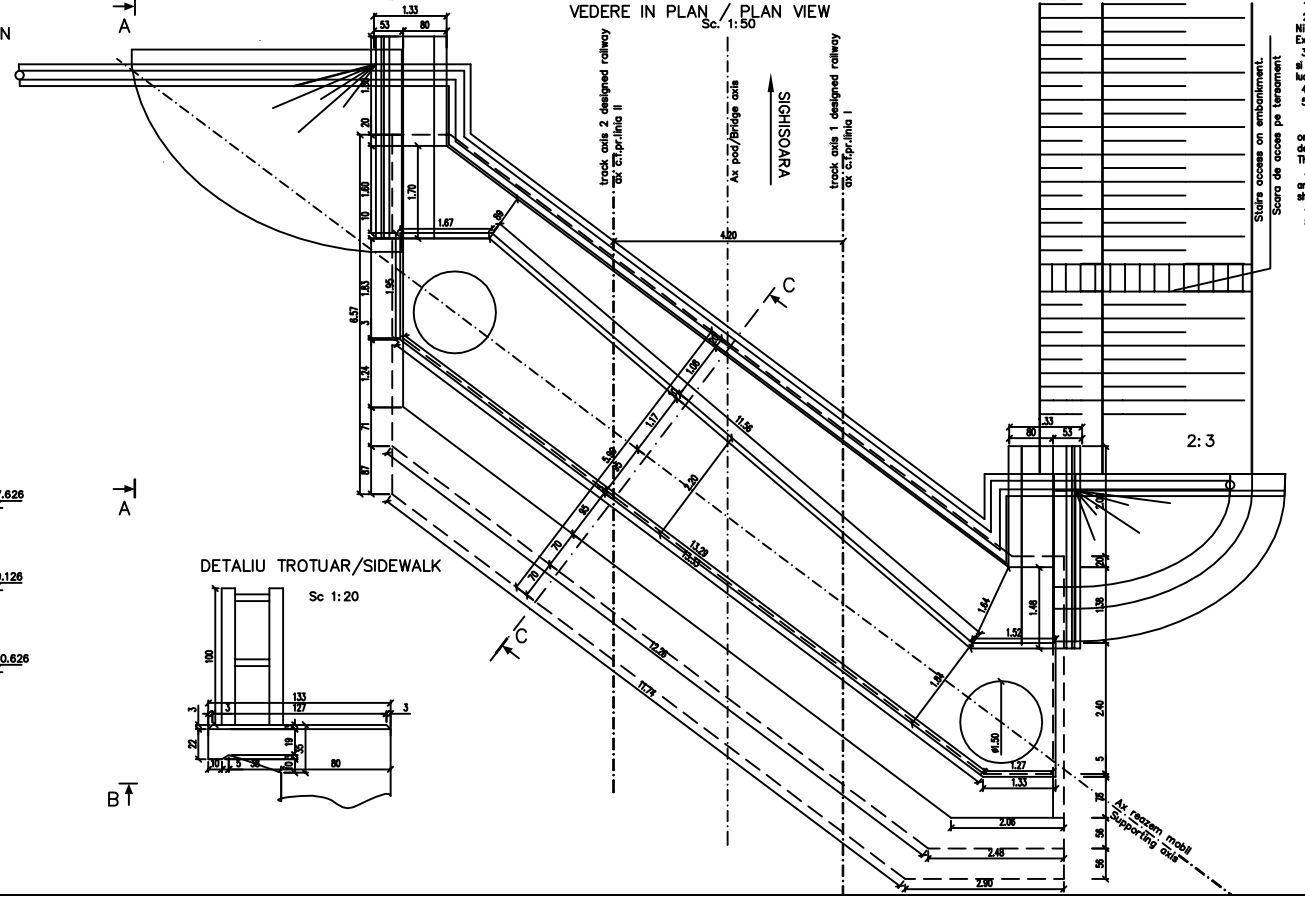
VEDERE IN PLAN / PLAN VIEW
Sc. 1:50



DETALIU TROTUAR/SIDEWALK
Sc 1:20

NOTA
1. Prezentul plan s–a intocmit in conformitate cu dispozitia generala
2. Executia partilor superioare ale cuzinetilor, amplasate deasupra banchetei cuzinetilor, se va face numai dupa procurarea aparatelor de reazem. Nivelele superioare ale cuzinetilor se vor stabili dupa procurarea aparatelor de reazem, in functie de inaltimile fiecarui tip de aparat. Executia zidurilor intoarse si a zidului de garda se va face dupa asezarea tablierului pe reazeme.
3. La executie se vor respecta cu strictete prevederile din "Normativ 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 receptionarea lor se va face conform normativului C56–1985.
4. Constructia se incadreaza in categoria B de importanta. Constructii de importanta deosebita, modelul 1 de asigurare a calitatii conform HG 766/97.
5. Podul corespunde la convoalele de calcul UIC (LM71 si SW/2).

NOTE:
1. This plan has been drawn up according to the general disposition 2. The upper parts of the bearing placed over the bearing seat shall be built only after the procurement of the bearing blocks. the upper level of the bearings shall be established after the procurement of the bearing blocks depending on the height of the each bearing block type.
The reverted walls and the guard wall shall be carried out after putting the desk on the supports.
3. 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." 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 is classified in the B category of importance. Special impo
5. Bridge convoye calculation corresponds to UIC (LM71 and SW/2).

Index Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
C					
B					
A	12.2011	Revizie 1 1 Revision	Dinu Andreea		

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANTAT DE UNIUNEA EURO
EUROPEAN UNION FINANCED PR

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

CLIENT / CLIENT

CONSULTANT / CONSULTANT

			Data Date	Semnătura Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza		
Aprobat Approved	Coordonator Secţiune 1 Section 1 Coordinator	C. Gambelli		
Verificat Checked	Expert Cheie Checking Expert	V. Kallidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

Aprobat Approved	Responsabil Subcontractant Subcontractant Responsible	A.Stanciu - Dinulescu	11.2011
Întocmit Elaborated	Proiectant Designer	Dinu Andreea	11.2011

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circula ţia trenurilor cu viteza maxim ă 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

Proiect/Project 2004/RO/16/P/PA/003
Faza / Phase: P. Th. / T.D. D.E. / E.D.

Denumire desen / Drawing Title : **Interval Cata – Archita**
POD Km.255+704.914 (proiectat) L=45.00m/
COFRAJ CULEE SIGHISOARA
BRIDGE Km.255+704.914 (designed) D=45.00m/
SIGHISOARA ABUTMENT FORMWORK PLAN

Codificare / Codification System: E A 5 1 | 0 1 | E | 1 4 | B B | P V | 0 3 | 4 | 2 | 0 0 4 | 1

Scara / Scale 1:50;1:20 | LOT / LOT | Nr. / No. 47 / 01