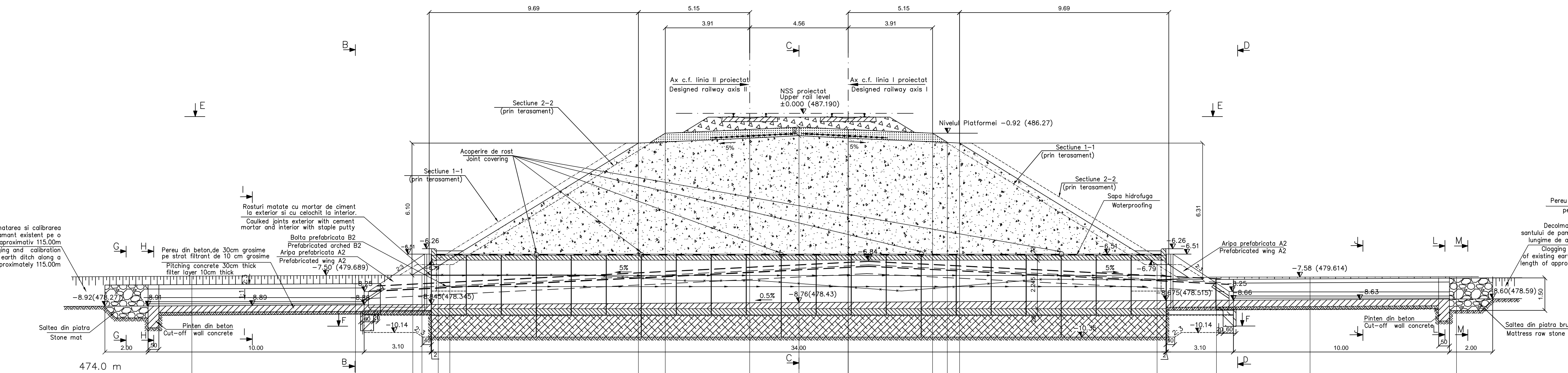
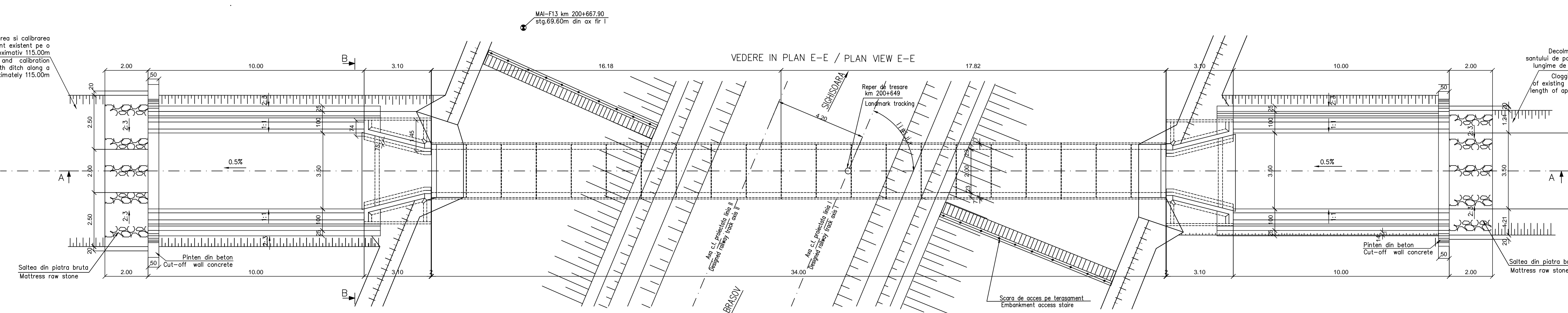


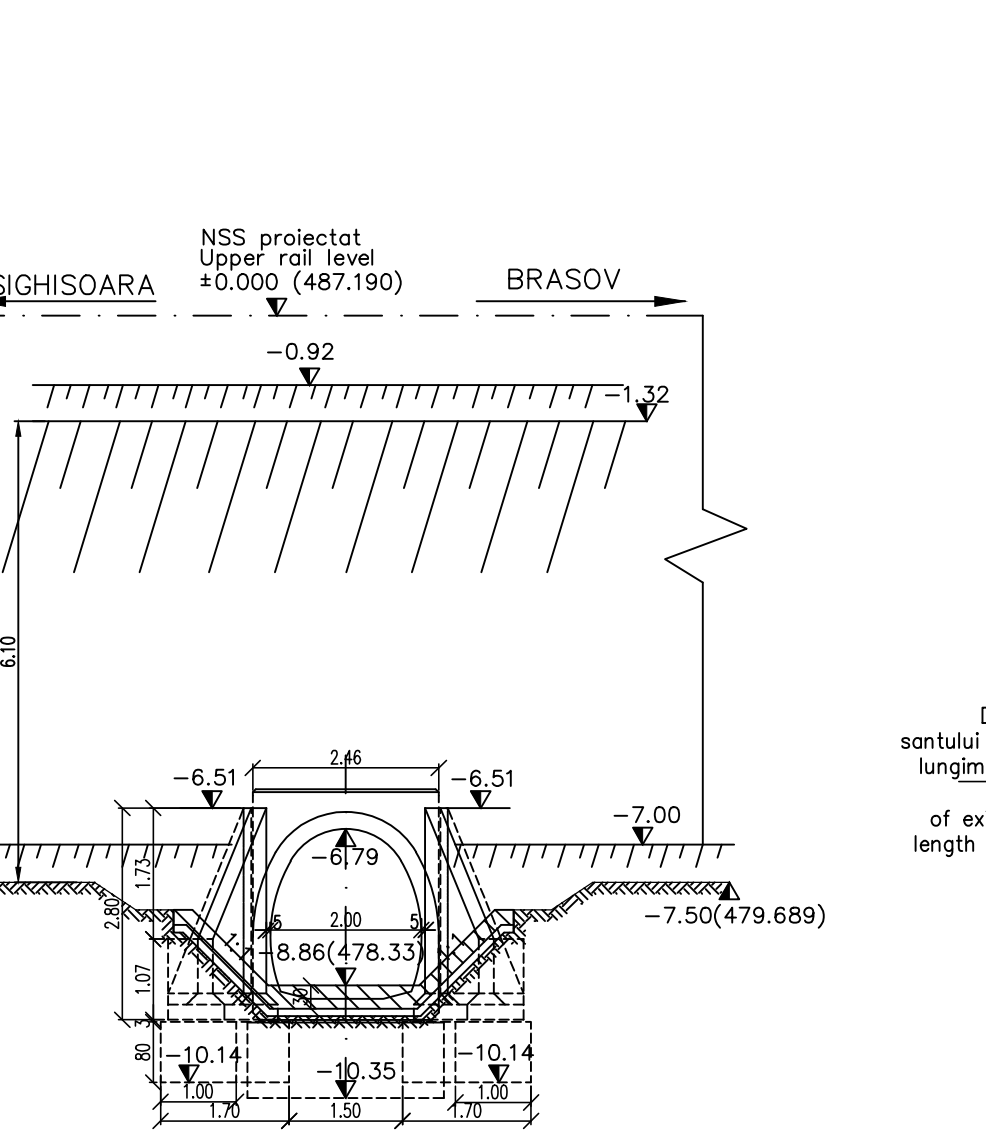
SECTIUNE LONGITUDINALA A-A/
LONGITUDINAL SECTION A-A
scara 1:100



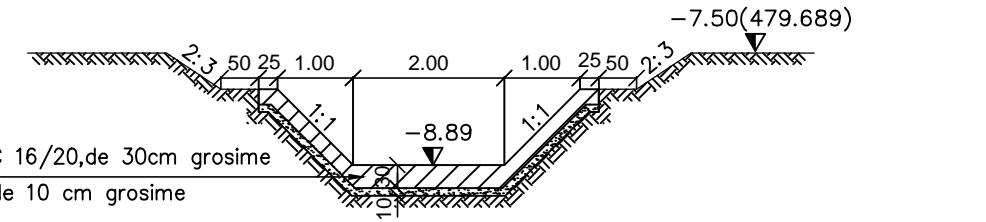
Subgrade	Ground	Distance
	479.651	30.390
	479.105	20.160
	480.195	19.730
	480.195	18.990
	480.195	18.440
	485.814	9.710
	486.272	8.470
	486.452	4.560
	486.557	2.290
	486.452	0.000
	486.272	3.910
	486.814	5.150
	479.498	17.950
	479.627	21.390
	479.627	28.160



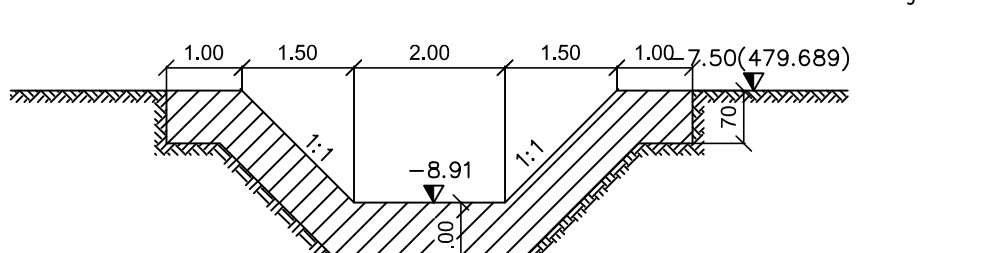
SECTIUNE TRANSVERSALA B-B
B-B CROSS SECTION



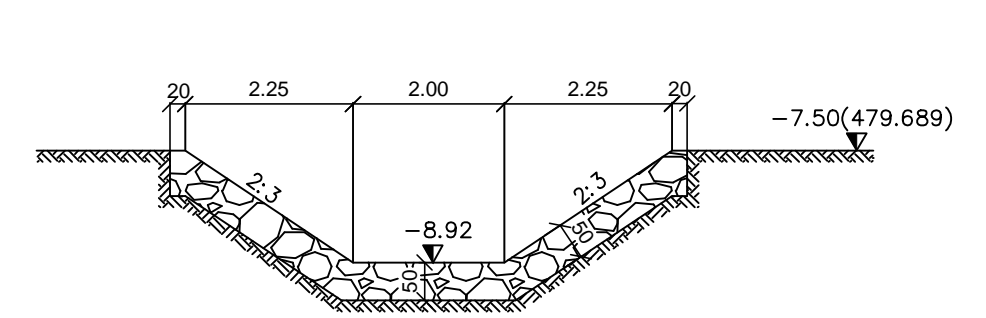
SECTIUNE TRANSVERSALA I-I
I-I CROSS SECTION



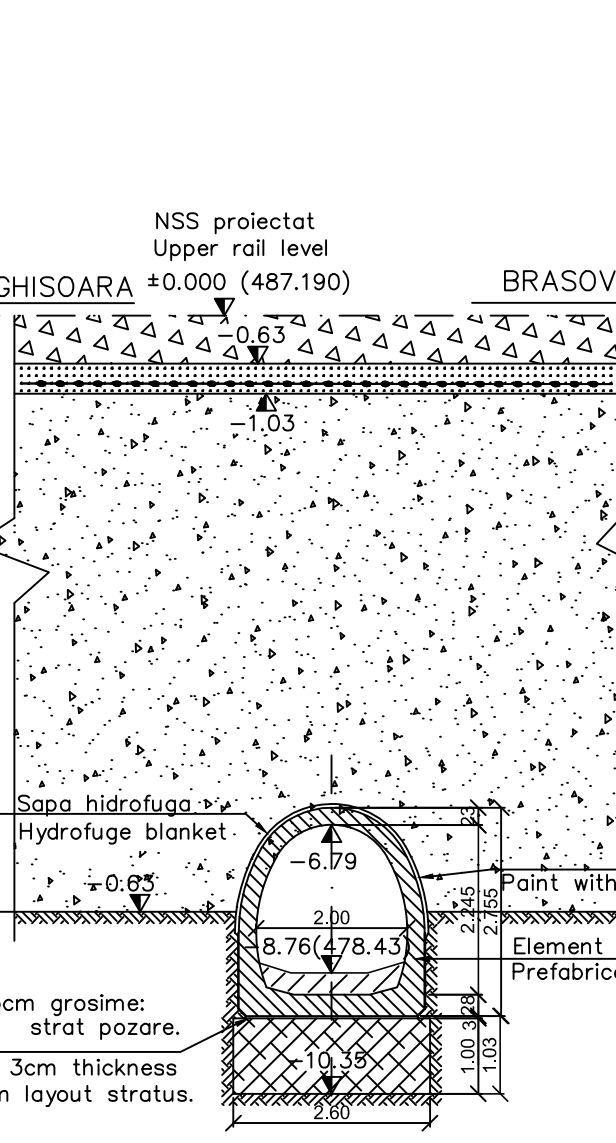
SECTIUNE TRANSVERSALA H-H
H-H CROSS SECTION



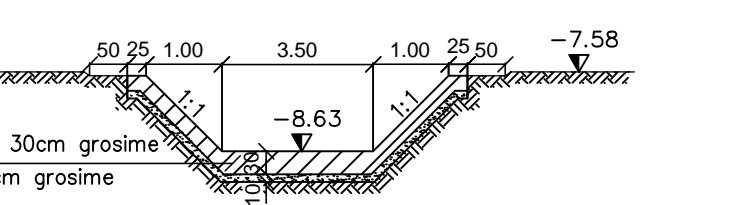
SECTIUNE TRANSVERSALA G-G
G-G CROSS SECTION



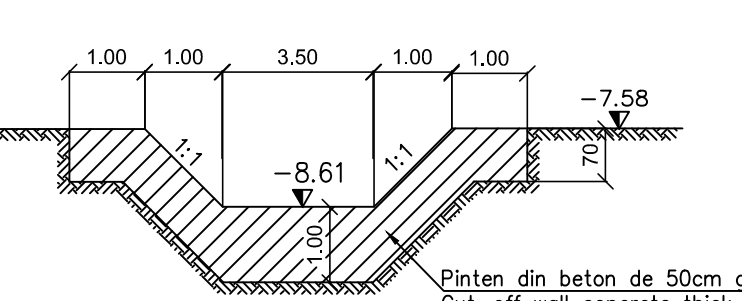
SECTIUNE TRANSVERSALA C-C
C-C CROSS SECTION



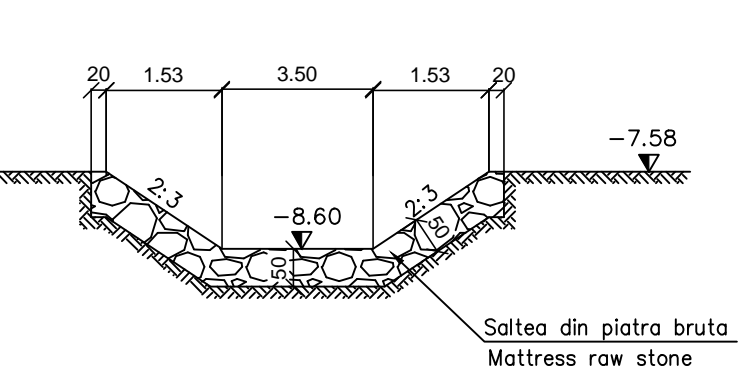
SECTIUNE TRANSVERSALA J-J
J-J CROSS SECTION



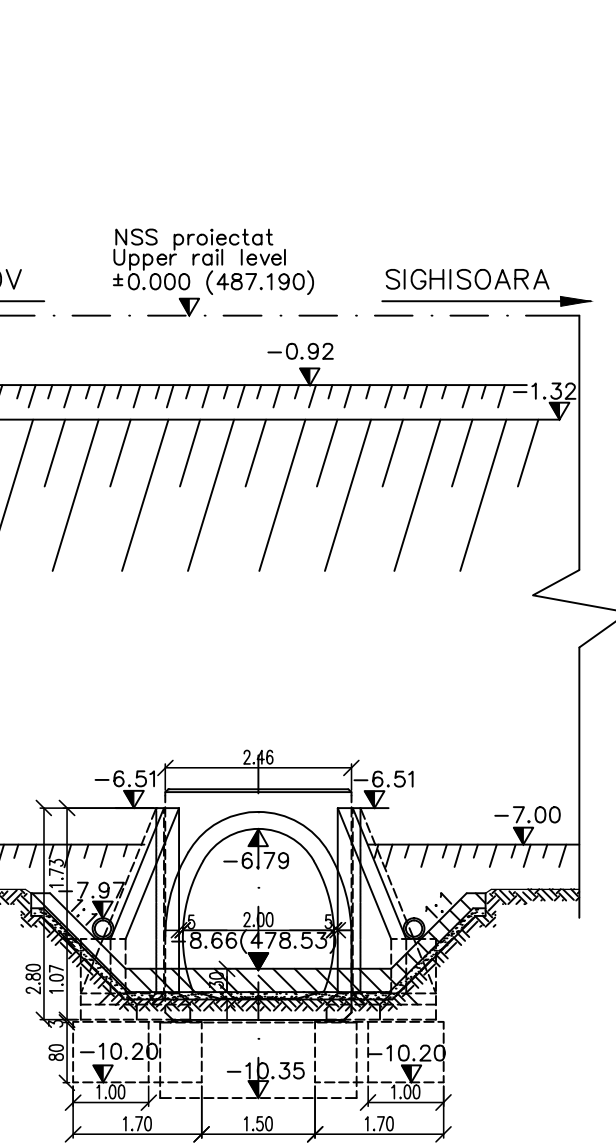
SECTIUNE TRANSVERSALA L-L
L-L CROSS SECTION



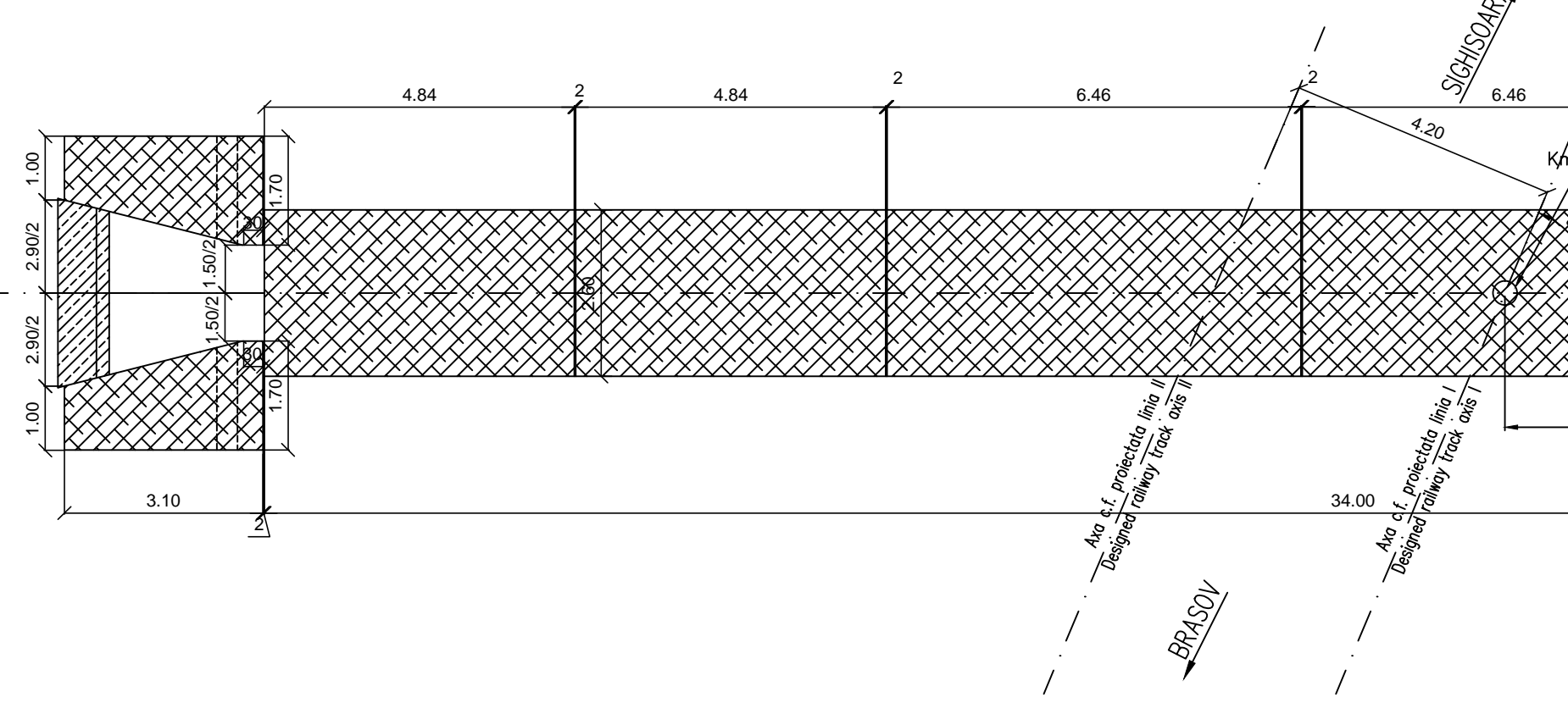
SECTIUNE TRANSVERSALA M-M
M-M CROSS SECTION



SECTIUNE TRANSVERSALA D-D
D-D CROSS SECTION



PLANUL FUNDATIILOR F-F
F-F FOUNDATION PLAN SECTION



LEGENDA BETOANELOR
CONCRETE LIST

	Beton armat in elementele prefabricate Reinforced concrete in the prefabricated elements C35/45-CEM II/A-S32,5-(XC+XF3+XA1)-A/C=0,50-Dmax 22-CI 0.20
	Beton simplu in fundatia elementelor prefabricate si a ariilor Plain concrete in the prefabricated elements and wings C25/30-CEM II/A-S 32,5-(XF1)-A/C=0,50-Dmax 32-CI 0.20
	Beton simplu de panta, in pinta si in rigola drenului Plain concrete slope and spur the gutter drain C25/30-CEM II/A-S 32,5-(XC+XF3+XA1)-A/C=0,50-Dmax 32-CI 0.20

NOTA:

1. Prezentul plan s-a intocmit pe baza urmatoarelor date:
-plan de situatie
-profil in lung
-profil transversal

2. Podul este proiectat conform calculului (LM71 si SW2).

3. La executie se va respecta cu strictete prevederile din "Normativ pentru executarea lucrarilor din beton, beton armat si beton precomprimat.Parte 1: producerea betonului" indicativ NE 012/1-2007 si "Normativ pentru executarea lucrarilor din beton, beton armat si beton precomprimat.Parte 2: Executarea lucrarilor din beton", indicativ NE 012/2-2010, iar verificarea calitatii lucrarilor si receptiunea lor se va face conform normativului C56-1985.

4. Constructia se incadreaza in categoria B de importanta (constructii de importanta desubita), modelul 1 de asigurare a calitatii si clasa de importanta B conform HG 766/97.

5. Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2.

DATE HIDRAULICE:

-Inaltime de apa:	h=1,00m
-Perimetrul udut:	P=4,00m
-Aria uduta:	A=2,00m²
-Viteza de curgere a apei:	V=3,13m/s

HIDRAULIC DATA:

-Hydraulic height:	h=1,00m
-Perimeter:	P=4,00m
-surface:	A=2,00m²
-Water flow speed:	V=3,13m/s

NOTA

Numar de elemente prefabricate

-Bolti B2	21buc.
-Aripi prefabricate A2	4buc.

NOTE

Number of precast section

-Prefabricated arched B2	21pcs.
-Prefabricated wings A2	4pcs.

NOTE

1. This plan has been drawn up based on the following data:
-lay-out Plan
-Longitudinal Profile
-Cross-section Profile

2. The culvert correspond to the UIC determination convey (LM71 and SW2).

3. The execution will strictly comply with the provision of "Practice code for the concrete production and work 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 work execution, reinforced and pre-stressed concrete. Part 2: The execution of concrete work" 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 C.O. 766/97.

5. The project will be checked in order to comply with the A4.2; B2.2; D2.2 requirements.

D					
C					
B					
A	11.2011	Revizia 1		Ionela Ungureanu	
Index	Date	Modificari	Proiectant	Proiectant	Proiectant
	Date	Modification/Revision	Designer	Approved Consultant	Approved CFR

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANAT DE UNIUNEA EURC
EUROPEAN UNION FINANCED BY

CFR

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

CLIENT / CLIENT

ITALFER
GRUPPO FERROVIE DELLO STATO

Scot
Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

Approbat	Project manager	R. Liuzza	Date	Semin tur
Approved	Coordinator Sec iune 1	C. Gambelli	Date	Signature
Approbat	Section 1 Coordinator	V. Kallidromitis		
Approved	Expert Chief			
Verificat	Designer			
Checked	Checking Expert			

SUBCONTRACTANT / SUBCONTRACTOR

Approbat	Responsabil Subcontractant	A. Dinulescu Stanciu	06.2011	
Approved	Subcontractant Responsible	Ionela Ungureanu	06.2011	
Elaborat	Proiectant			
Elaborated	Designer			

Reabilitarea liniei de cale ferata de la [] c a condoriului IV Pan European, pentru circula ia trenurilor cu viteza maxim de 160 km/h,
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/RC/16/PPA/003

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

Denumire desen / Drawing Title :

INTERVAL FELDIOARA - APATA / FELDIOARA - APATA SECTION
PODET - KM 200+647.480 / KM 200+647.480 - CULVERT
DISPOZITIE GENERALA / GENERAL DISPOSITION

Codificare / Codification System	Scara / Scale	LOT / LOT	Nr. / No
E A S 1	1:100	01	01 / 01

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