

SECTIUNE LONGITUDINALA A-A / LONGITUDINAL SECTION A-A

scara 1:100

DATE HIDRAULICE

-Inaltimea de apa in podet h=0.86m
 -Perimetru udut: P=3.72m
 -Aria: A=1.72m²
 -V. curgere apa: V=2.91m³/s

HYDRAULIC DATA

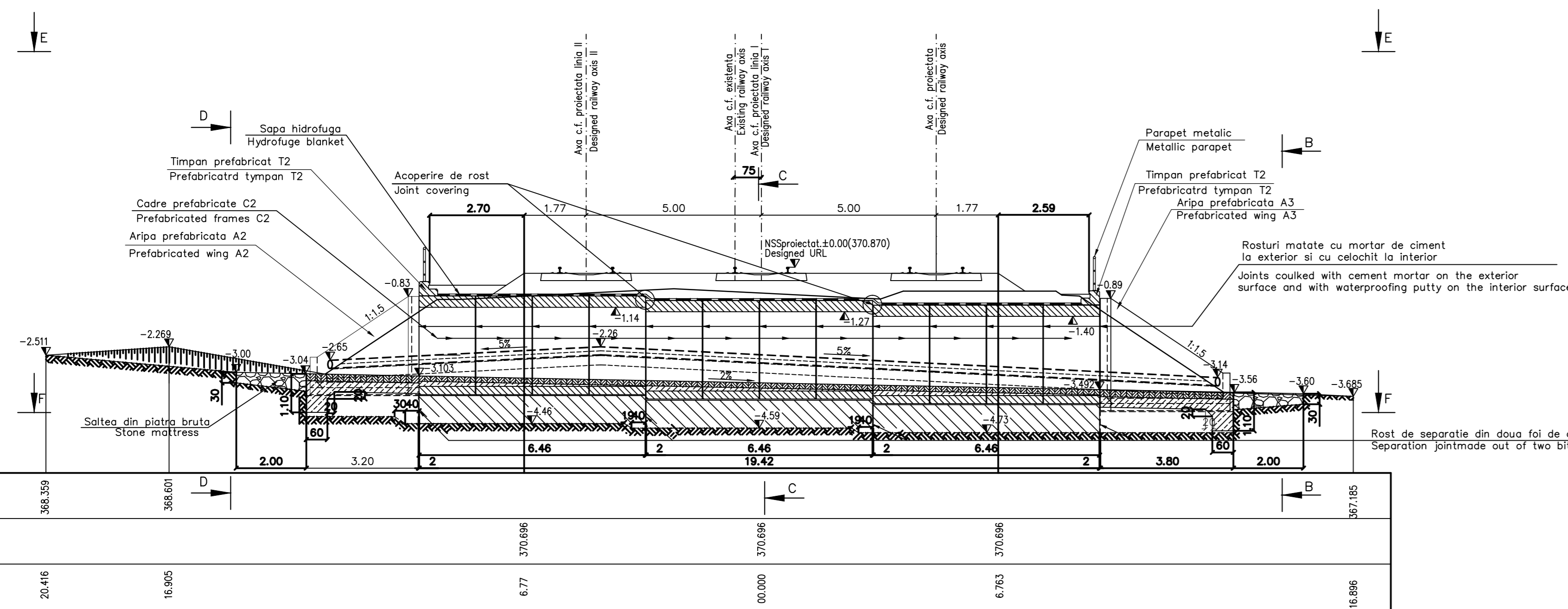
-Hydraulic height: h=0.86m
 -Perimeter: P=3.72m
 -Surface: S=1.72m²
 -Water low speed: V=2.91m³/s

NOTA

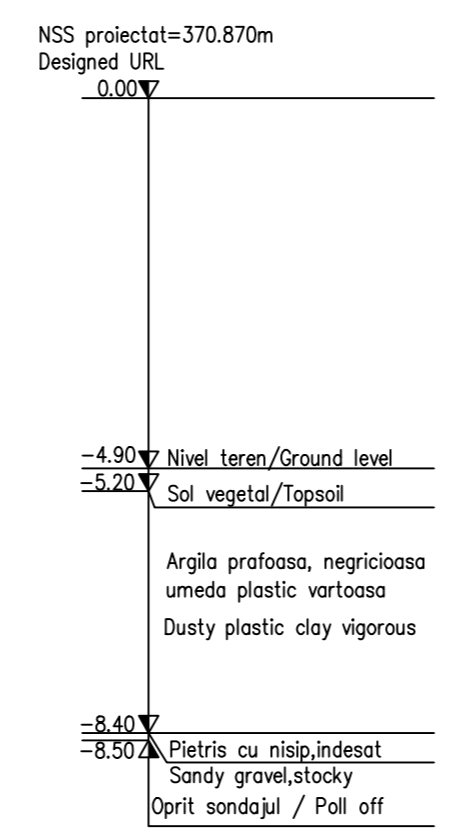
Numar de elemente prefabricate
 -Cadrul prefabricat C2: -12pc.
 -Aripi prefabricate A3: -2uc.
 -Timpane prefabricate T2: -2uc.
 -Aripi prefabricate A2: -2uc.

NOTE

Number of precast sections:
 -Precast Frame C2: -12pcs.
 -Precast wingwall A3: -2pcs.
 -Head-wall T2: -2pcs.
 -Precast wingwall A2: -2pcs.

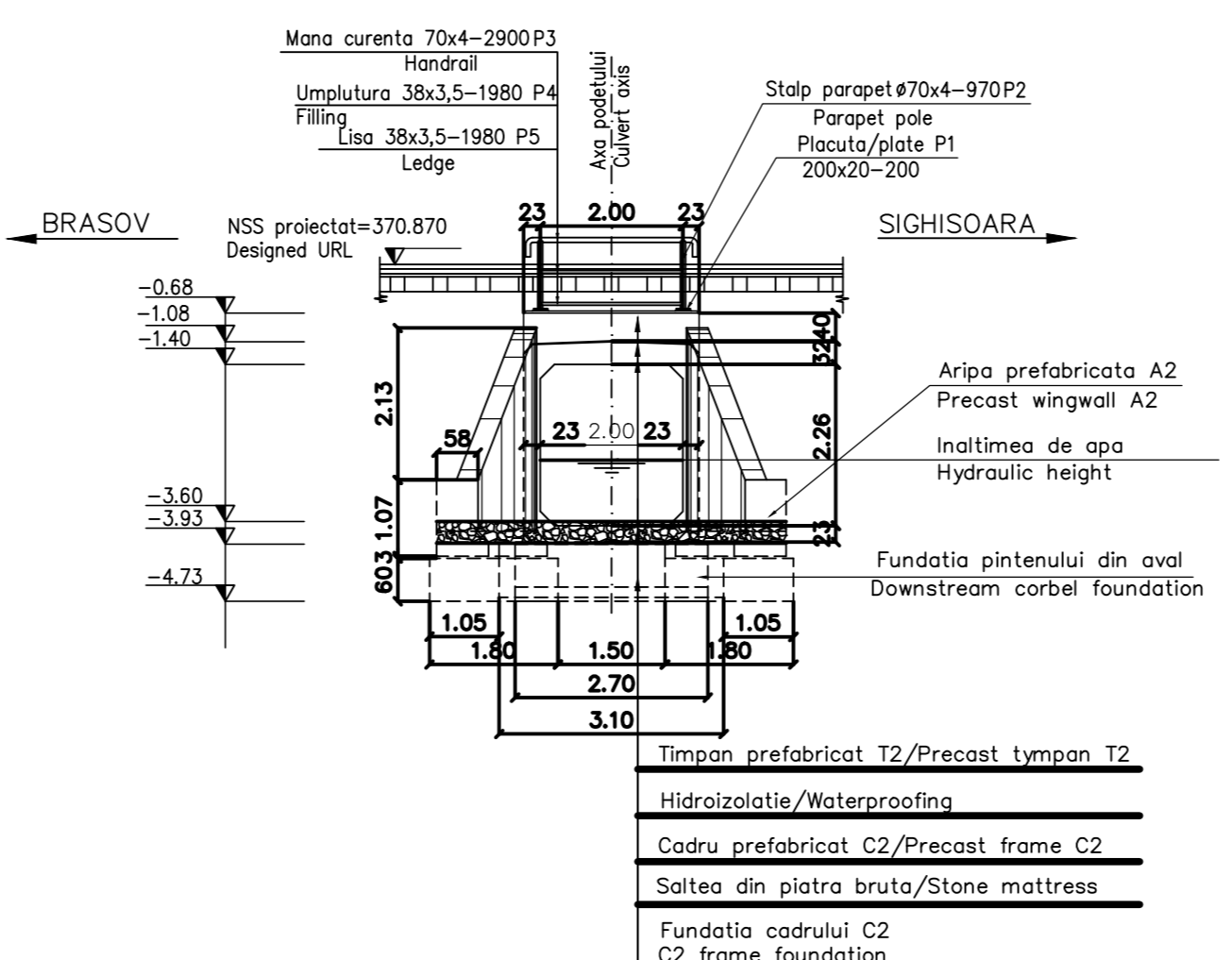


SONDAJ/DRILL 2Pd+Ø3" Km.288+191.30



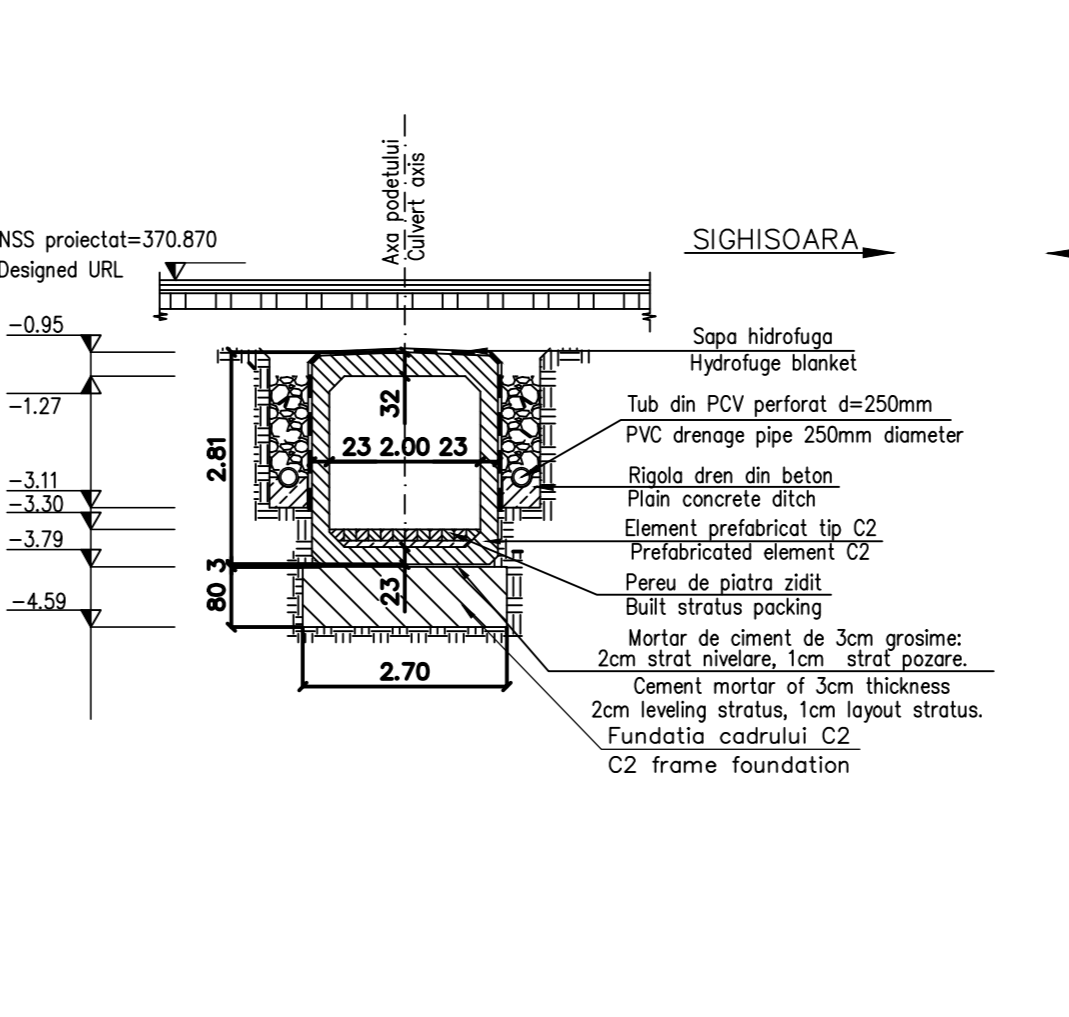
VEDERE DIN AVAL B-B DOWNSTREAM VIEW B-B

scara 1:100



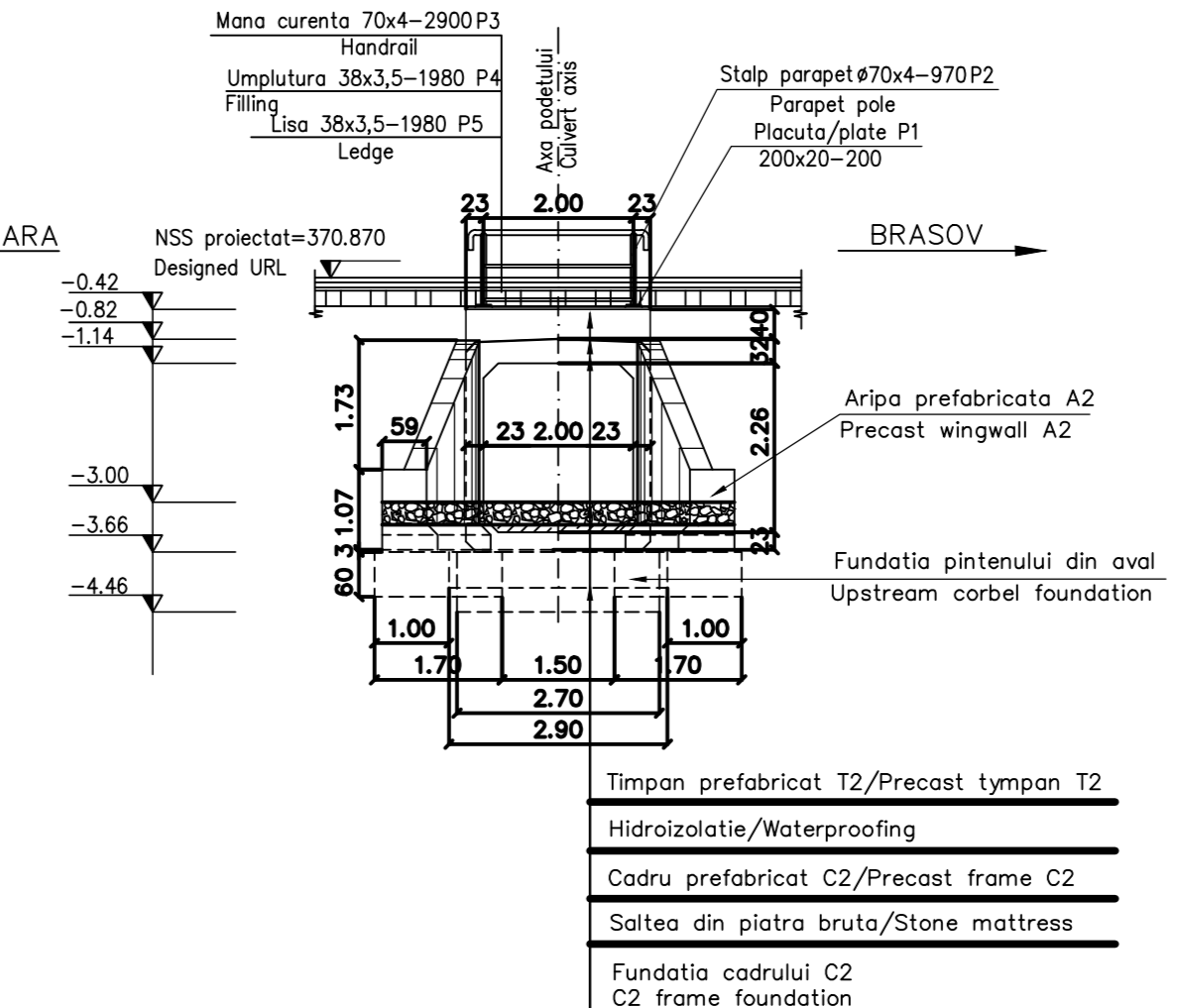
SECTIUNE TRANSVERSALA C-C CROSS SECTION C-C

scara 1:100



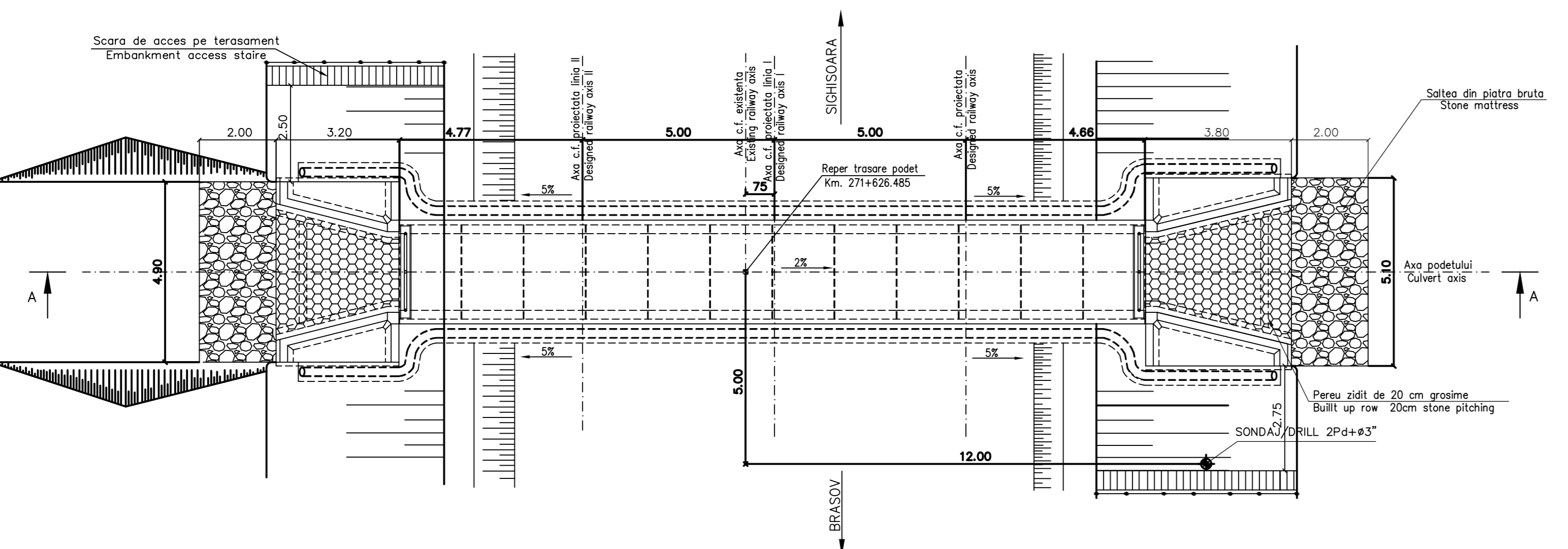
VEDERE DIN AMONTE D-D UPSTREAM VIEW D-D

scara 1:100



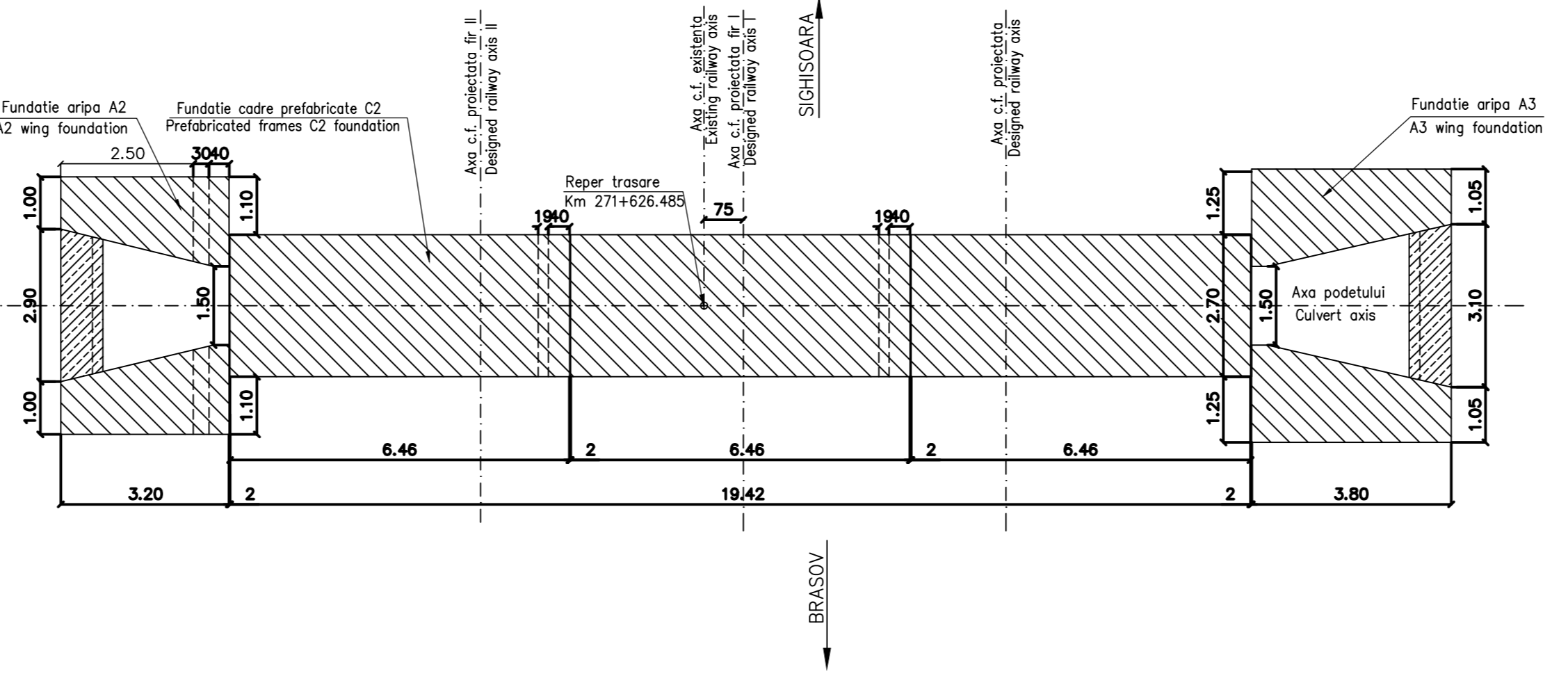
VEDERE IN PLAN E-E/PLAN VIEW E-E

scara 1:100



PLANUL FUNDATIILOR F-F FOUNDATIONS PLAN F-F

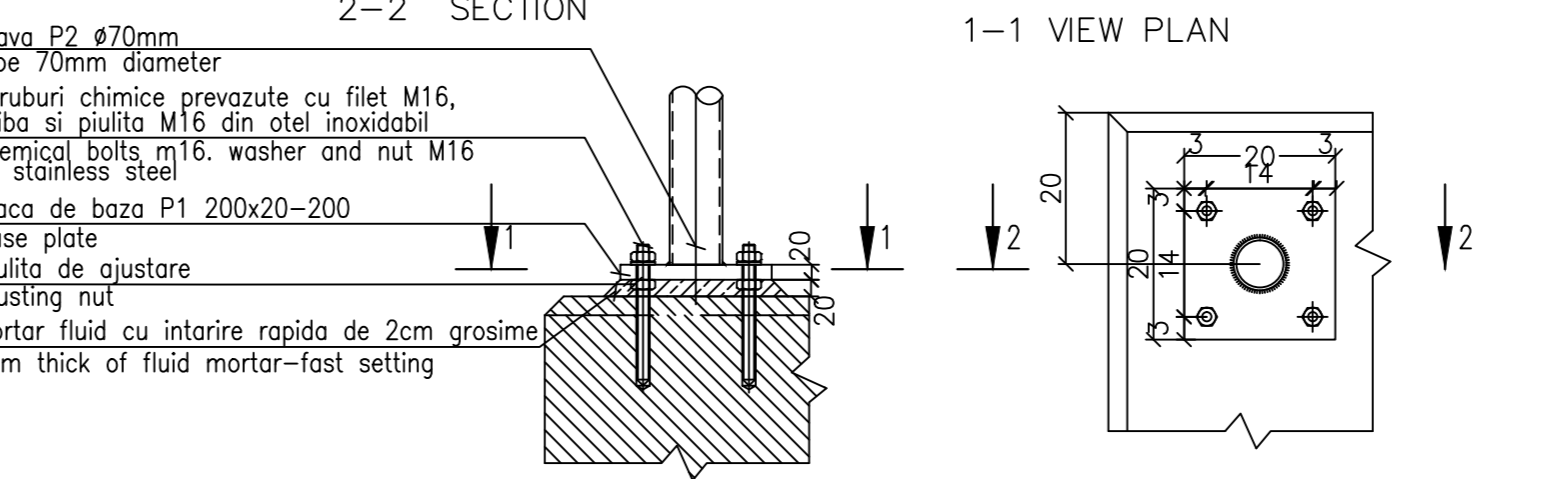
scara 1:100



DETALIU PENTRU PRINDEREA PLACUTELOR P1 DE TIMPAN DETAIL TO JOIN THE SLABS P1 AT THE TYMPANUM

SECTIUNE 2-2 2-2 SECTION Sc 1:5

VEDERE IN PLAN 1-1 1-1 VIEW PLAN



MATERIAL METALIC PENTRU CONFECTIONAREA PARAPETULUI PODETULUI THE METALLIC MATERIAL TO BUILD PARAPET OF CULVERT

Poz.	Descrierea materialului / The denomination of the material	Buc.	Section Section	Lung. Long. (mm)	Sectione/Section		
	OL EN 10025 - S235 JR				kg/buc	kg	
P1	Placuta prindere / Clamping plate	4	200x20	200	31.40	6.28	25.12
P2	Stalp parapet EN 10297 - E275 / Parapet pole	4	70x4	970	6.51	6.32	25.26
P3	Mana curenta EN 10297 - E275 / Filling	2	70x4	2900	6.51	18.88	37.76
P4	Umplutura EN 10058 / Ledge	2	38x3,5	1980	2.98	5.90	11.80
P5	Umplutura EN 10058 / Ledge	2	38x3,5	1980	2.98	5.90	11.80
Total partial / Total							111.74
Sudura / Welding 2%							2.24
TOTAL							115

- NOTA:**
- Prezentul plan s-a intocmit pe baza urmatoarelor date:
 -plan de situatie
 -profil in lung
 -profil transversal
 -fisa podului
 -calcul hidraulic
 -date culesse pe teren
 - Podetul corespunde la convoaiele de calea UIC (LM71 si SW/2)
 - 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, la verificarea calitatii lucrarilor si receptionarea lor se va face conform normativului CS6-1985.
 - Daca la executie se vor constata neconcordanțe între situatia existenta pe teren si cea din proiect se va anunta proiectantul.
 - Construcția se încadrează în categoria de importanță B (construcții de importanță deosebită), modelul 1 de asigurare a calitatii si clasa de importanță B, conform HG 765/1997.
 - Proiectul va fi verificat la exigentele A4.2; B2.2; D2.2.
 - Se atrage în mod deosebit atenția asupra obligativității razei minime a elevațiilor prefabricate pe blocul de fundație prin intermediul unui strat de mortar de ciment pentru a se realiza un contact perfect pe toata suprafața între talpa prefabricatului și fundație. Se interzice rezemarea directă fără strat de mortar de ciment.

- NOTE:**
- This plan has been drawn up based on the following data:
 -Layout Plan
 -Longitudinal Profile
 -Cross-section Profile
 -Bridge's File
 -Hydraulic determination
 -Field Data
 - The culvert corresponds to the UIC determination convoys (LM71 and SW/2)
 - 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 according to Harm C 56-1985.
 - If during the execution, discrepancies are found between the existing situation on site and the situation stated in the project, the designer will be notified.
 - 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. 765/97.
 - The project will be checked in order to comply with the A4.2; B2.2; D2.2 requirements.
 - Particular attention is drawn on binding prefabricated elevations settlement on block foundation through a layer of cement mortar to achieve a perfect contact over the entire surface between precast and foundation base. Propping is prohibited without direct layer of cement mortar.

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D	C	B	A	Index	Date	Modification/Revision	Projectant Designer	Approved Consultant	Approved CFR
			11.2011		Revizia 1		Totan Ciprian		

GUVERNUL ROMANIEI ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT

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

TALFER

Scot Wilson

OBERMEYER PLANER + BERATEN GmbH

TECNIC Consulting Engineers

CONSULTANT / CONSULTANT

Approbat / Approved	Elaborat / Elaborated	Verificat / Checked	Expert Cheie / Key Expert	Data / Date	Semnătura / Signature
			V.Kalidromitis		

SUBCONTRACTANT / SUBCONTRACTOR

Approbat / Approved	Responsabil Subcontractant / Subcontractant Responsible	Data / Date	Semnătura / Signature
	A. Dinulescu Stanciu	01.2011	

Reabilitarea liniei de cale ferata Brasov - Simeria, parte componenta 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, Sektions: Brasov - Sighisoara

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

STATIJA VANATORI / VANATORII STATION
 PODET km 271+626.485 / DISPOZITIE GENERALA
 CULVERT km 271+626.485 / GENERAL LAYOUT

Codificare / Codification System

Scara / Scale 1:100

LOT / LOT

Nr. / No 01 / 01