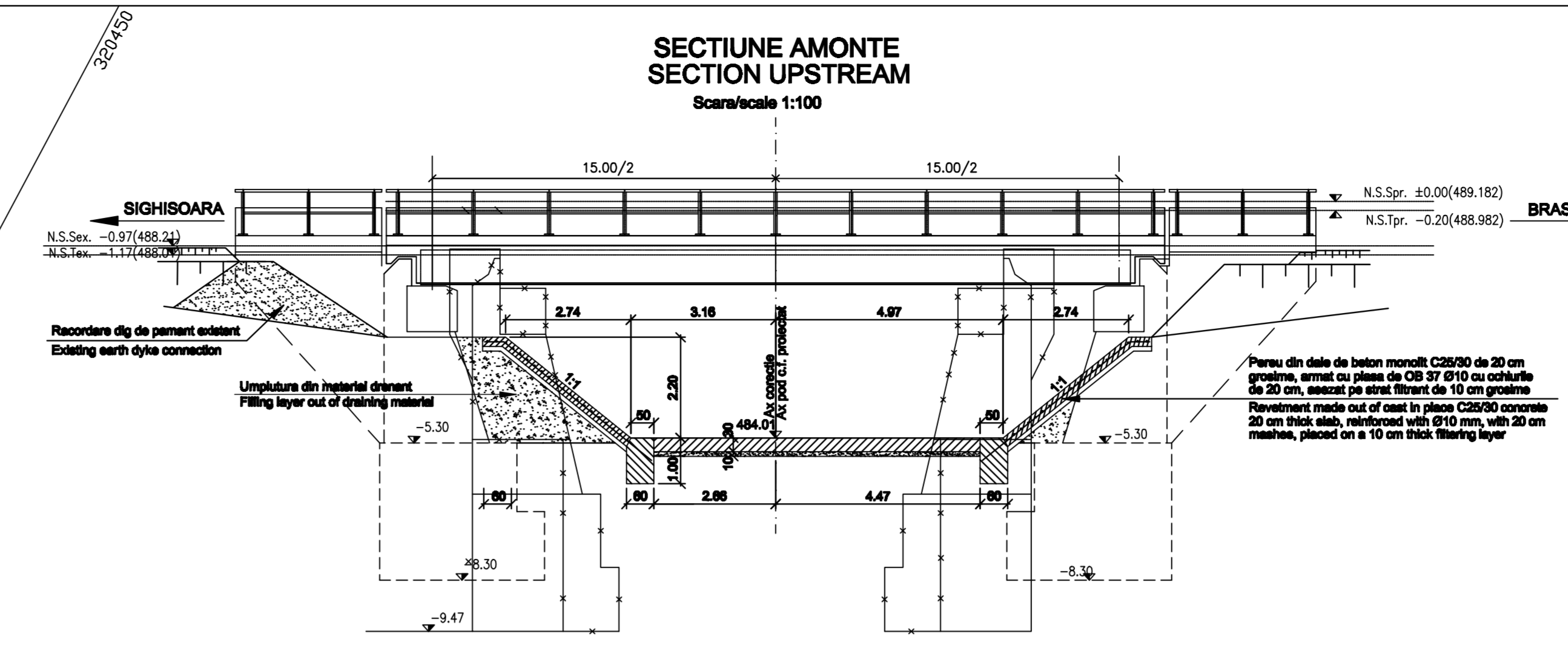
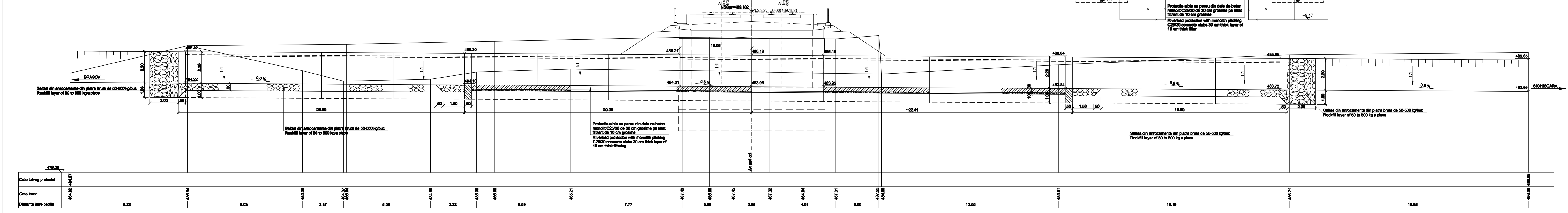
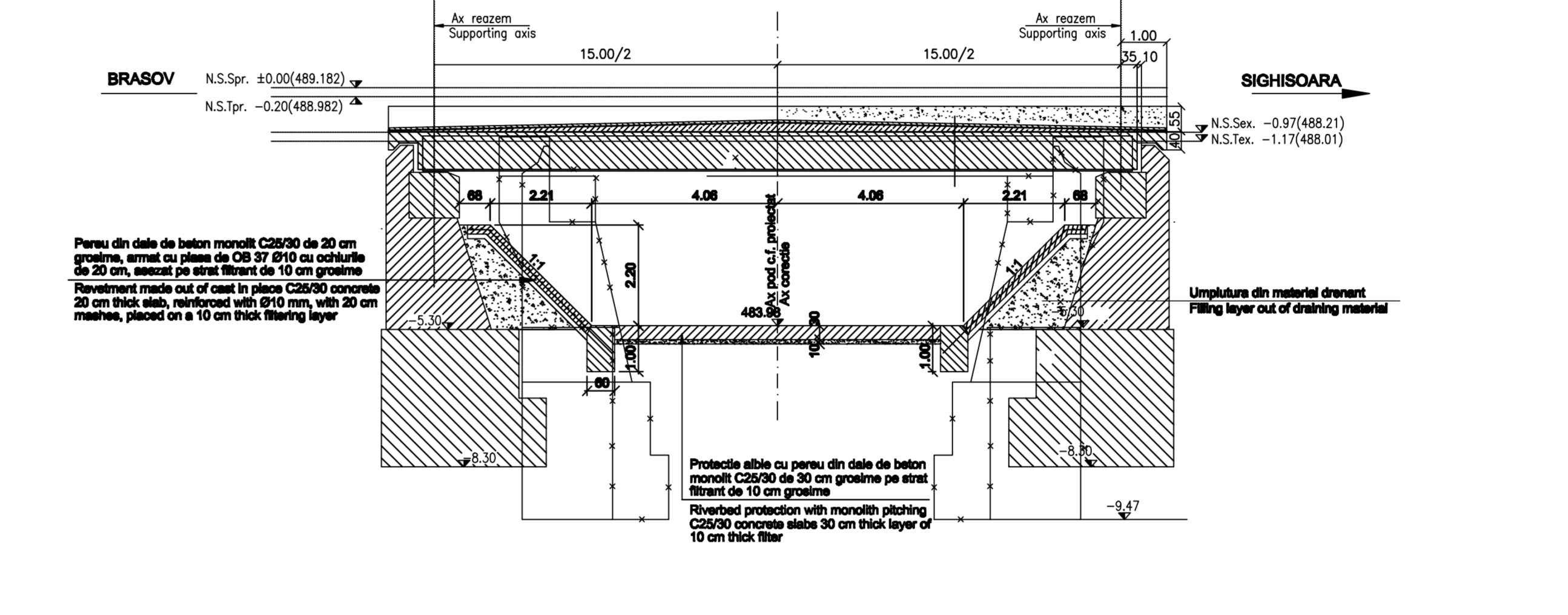


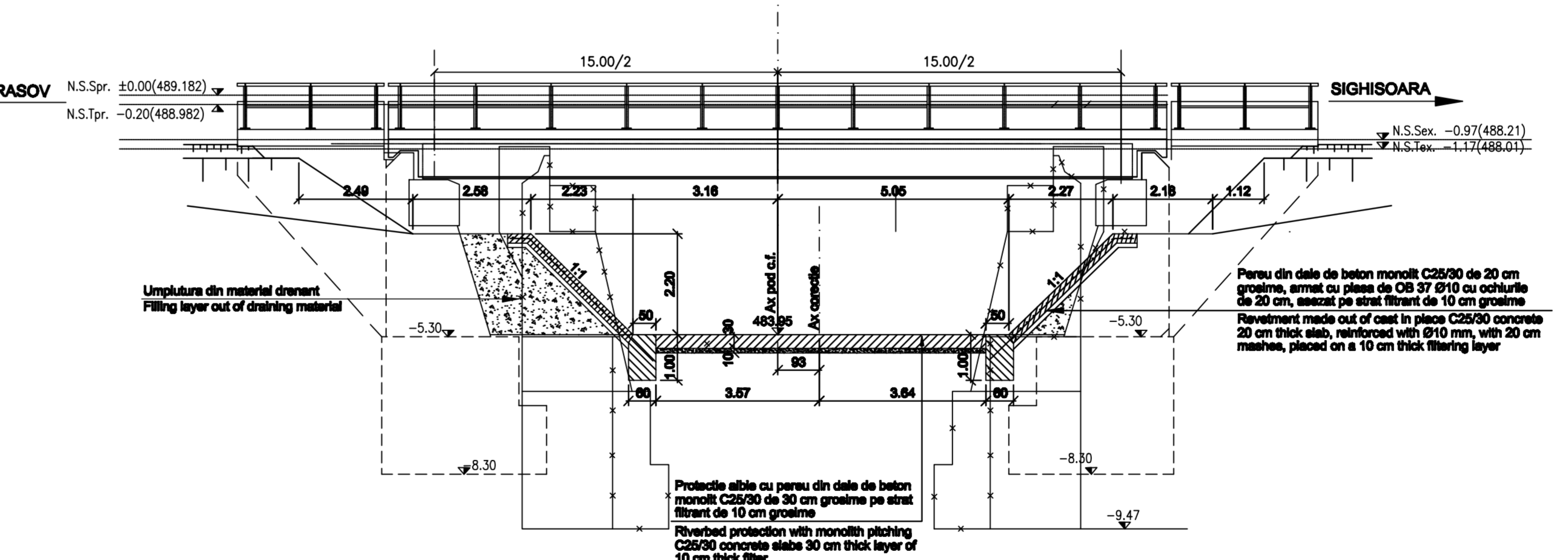
SECTIUNE LONGITUDINALA A-A
A-A LONGITUDINAL SECTION
Scara/scale 1:100



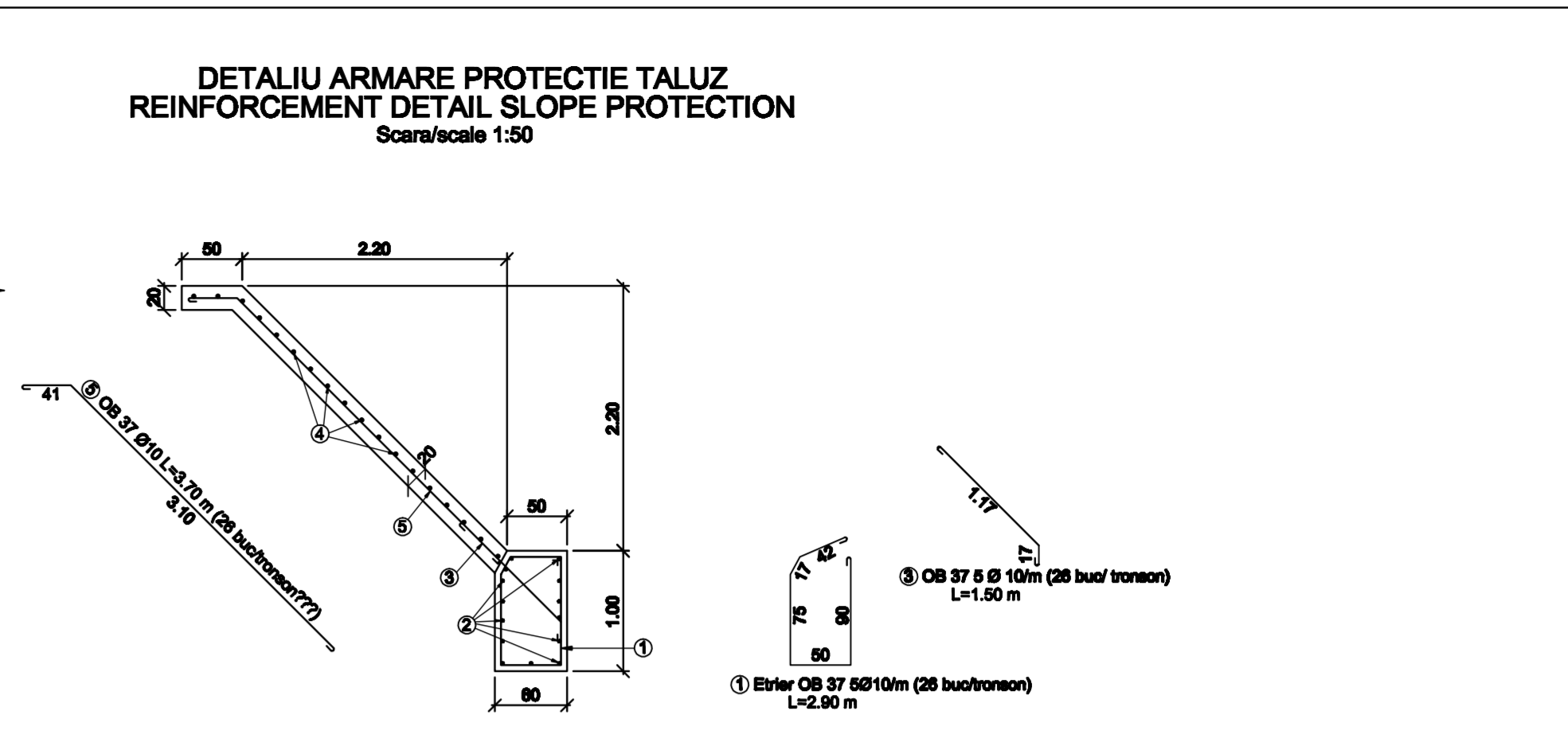
SECTIUNE AMONTE
SECTION UPSTREAM
Scara/scale 1:100



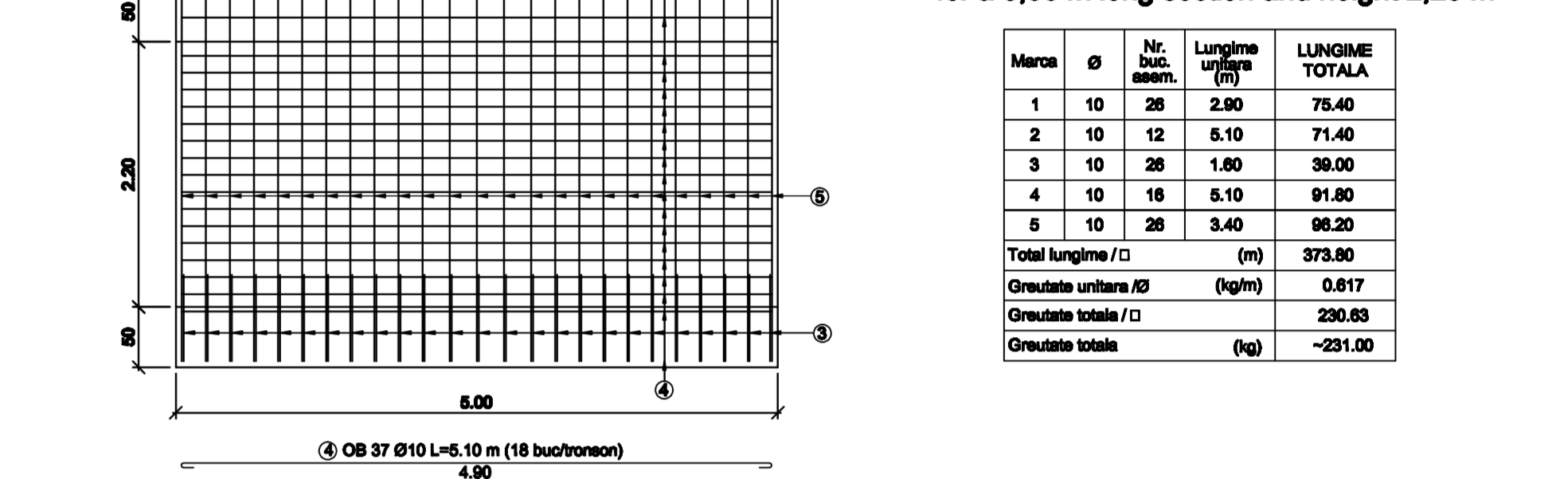
SECTIUNE IN AXUL PODULUI
SECTION IN THE BRIDGE AXIS
Scara/scale 1:100



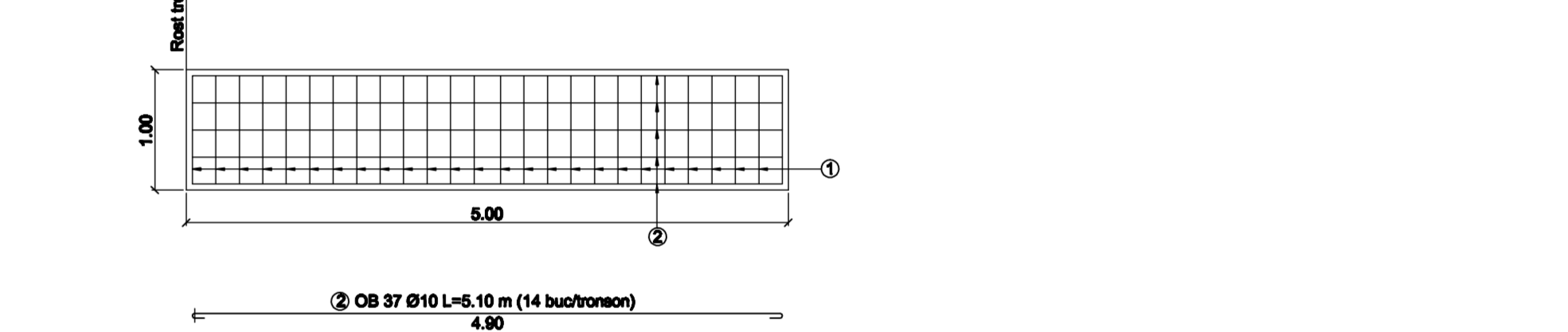
SECTIUNE AVAL
SECTION DOWNSTREAM
Scara/scale 1:100



DETALIU ARMARE PROTECTIE TALUZ
REINFORCEMENT DETAIL SLOPE PROTECTION
Scara/scale 1:50



VEDERE IN PLAN PROTECTIE TALUZ
PLAN VIEW ENBAKMENT PROTECTION



VEDERE LATERALA PINTEN
LATERAL VIEW BREAKWATER

EXTRAS DE ARMATURA
pentru un tronson de 5.00 m si h=2.20 m
SUMMARY REINFORCING BARS
for a 5,00 m long section and height 2,20 m

Marca	Ø	Nr. buc. armaz.	Lungime (m)	LIANGHIME TOTALA
1	10	26	2.80	75.40
2	10	12	8.10	71.40
3	10	26	1.80	38.00
4	10	16	5.10	91.60
5	10	28	3.40	65.20
Total lungime / (m)				373.60
Greutate unitara / (kg/m)				0.617
Greutate totala / (kg)				230.83
Greutate totala / (kg)				-231.00

D					
C					
B					
A	12.2011	Revizii 1	Popeacu Anca-Raluca		
Indice	Data	Modificari	Proiectant	Approbat	Approbat CFR
	Date	Modification/Revizii	Designer	Approved Consultant	Approved CFR
				PROIECT FINANAT DE UNIUNEA EUROPEANA EUROPEAN UNION FINANCED PROJECT	
CLIENT / CLIENT 		C.N.C.F. "C.F.R." - S.A.			
CONSULTANT / CONSULTANT 					
		PLANEN + BERATEN GmbH Consulting Engineers			
Approbat	Verificat	Verificat	Verificat	Data	Semnatura
Approved	Checked	Checked	Checked	Date	Signature
Project manager	Expert Check	Expert Check	Expert Check	R. Luzzi	
Coordinator	Section 1	Section 1	Section 1	C. Gambelli	
Coordinator	Section 1	Section 1	Section 1	V. Kalidromitis	
SUBCONTRACTANT / SUBCONTRACTOR 		Responsabil Subcontractant Subcontractant Responsible		A. Dinulescu Stancu 21.07.2011	
Reabilitarea liniei de cale ferata Brasov - Simeria, partea componenta a coridorului IV Pan-European, pentru circulatia trenurilor cu viteza maxima de 160 km/h. 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. Brasov - Sighisoara		Proiect/Project 2004/RO/16/PA/003 Tronsonul / Section: Brasov - Sighisoara Faza / Phase: P.Th. / P.Th.		Denumire desen / Drawing Title: INTERVAL FELDIORARA-APAJA / FELDIORARA-APAJA SECTION PROTECTIE POD C.F. PAL 194+410.83 DETALIU DE EXECUTIE 194+410.83 KM RAILWAY BRIDGE PROTECTION DETAILS FOR EXECUTION	
Codificare / Codification System		Scara / Scale 1:100		LOT / LOT Nr. / No 01 / 01	
E A 5 1 0 1 E 0 8 B A A P 0 0 7 2 0 0 4 1					