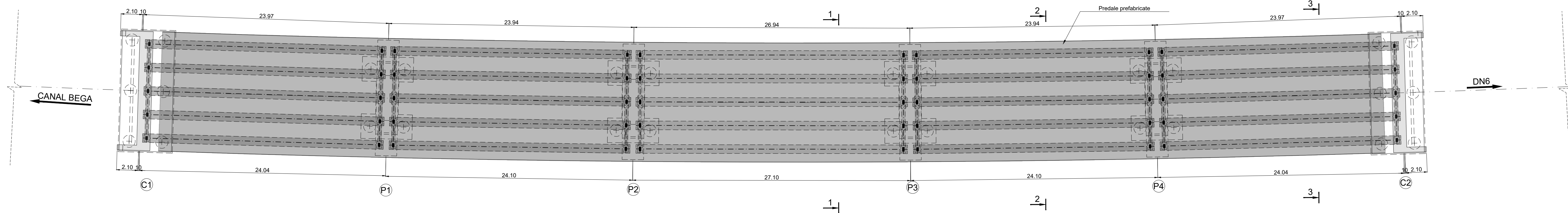
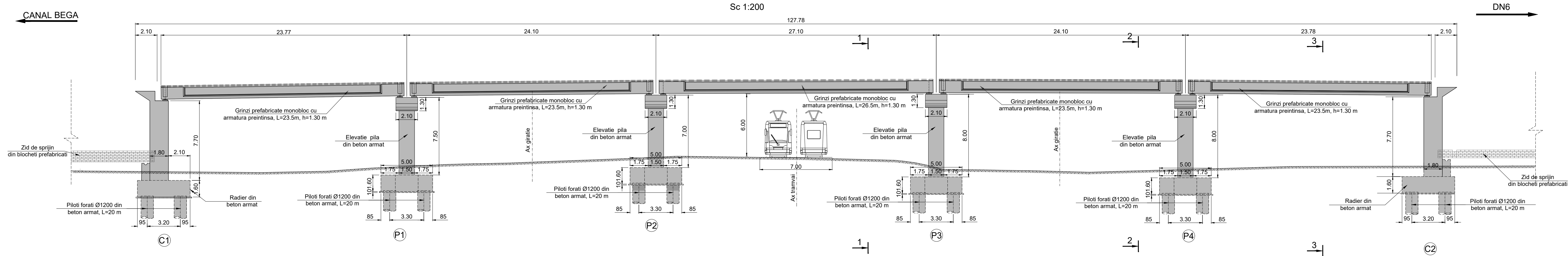


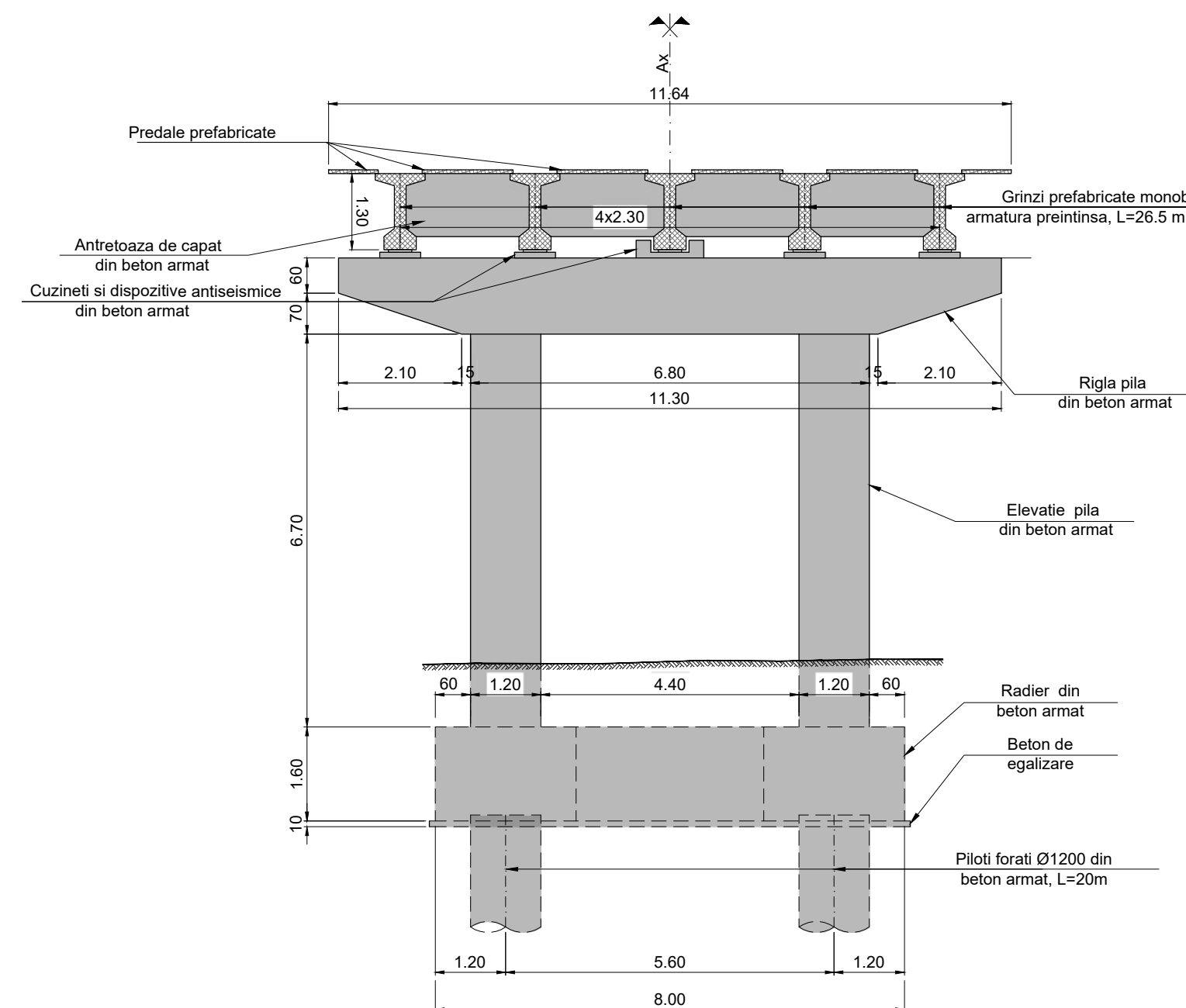
VEDERE PLANA
Sc 1:200



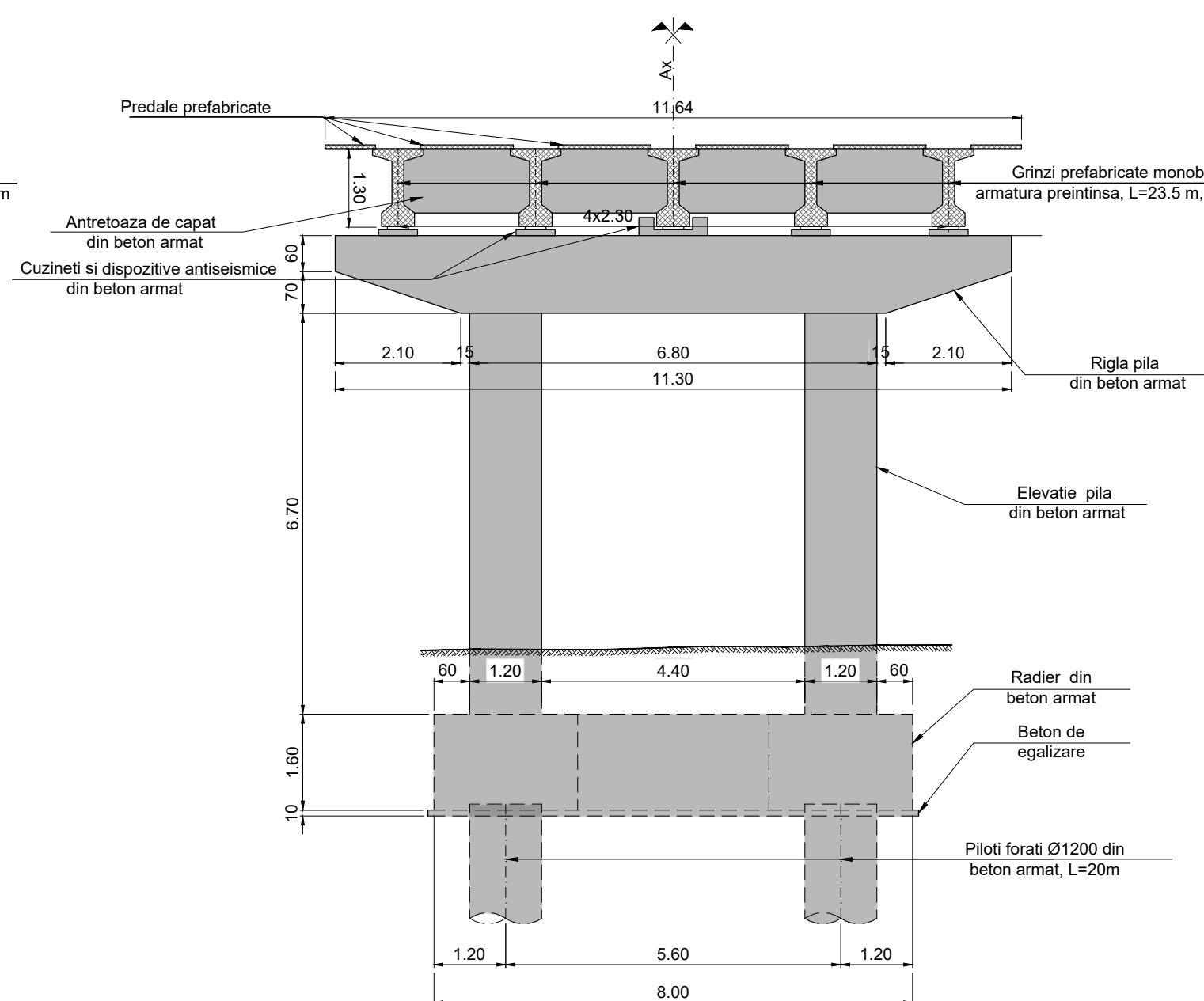
ELEVATIE
VEDERE LATERALA
Sc 1:200



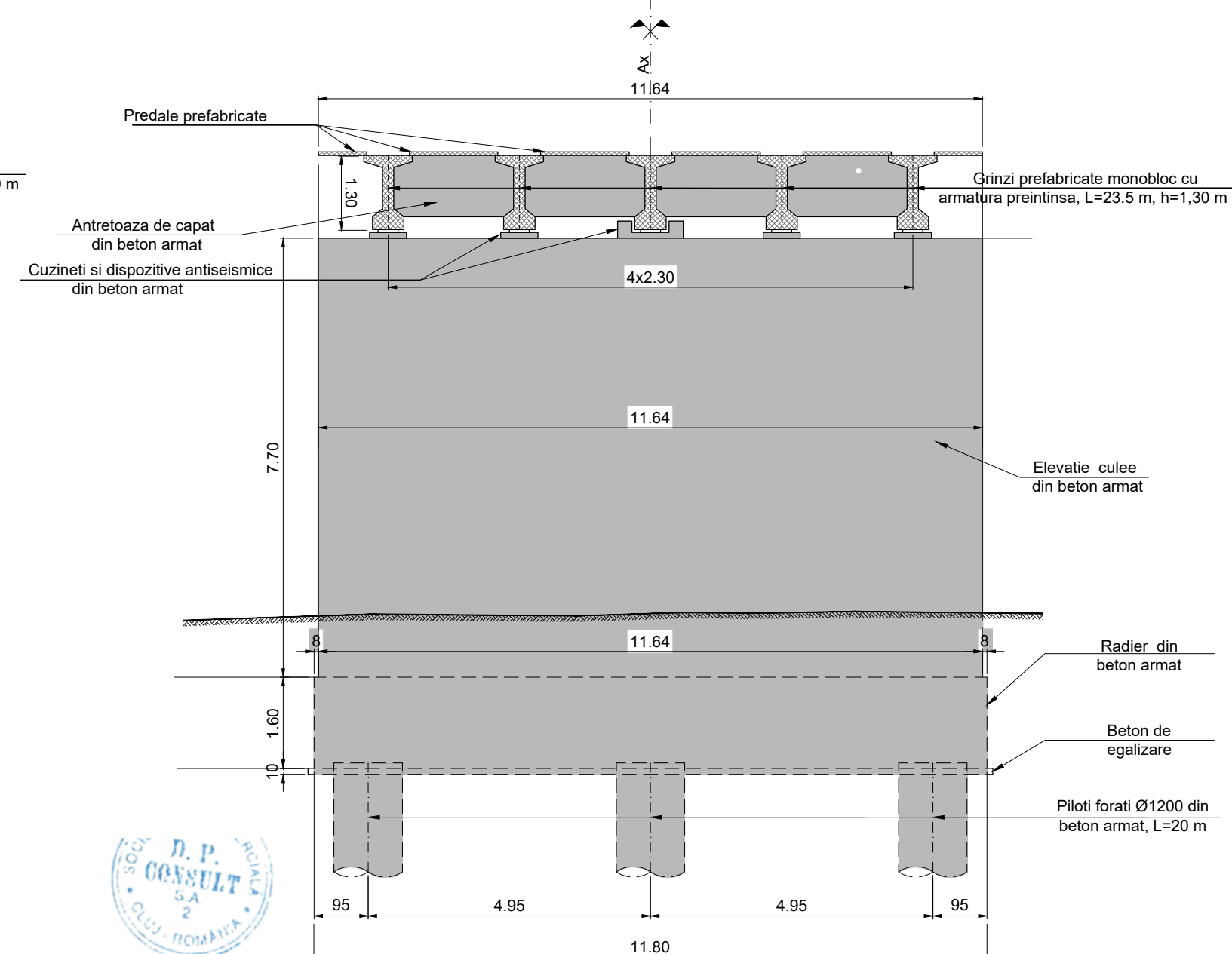
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Sc 1:100



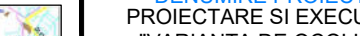


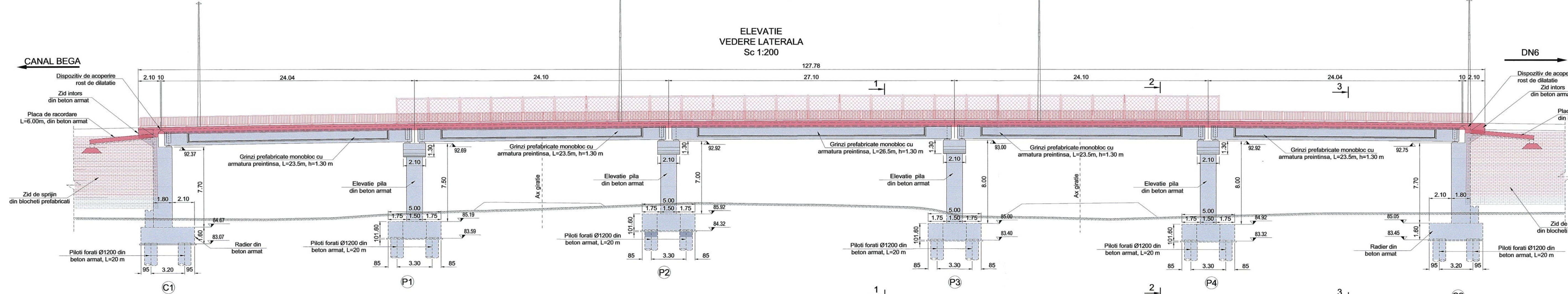
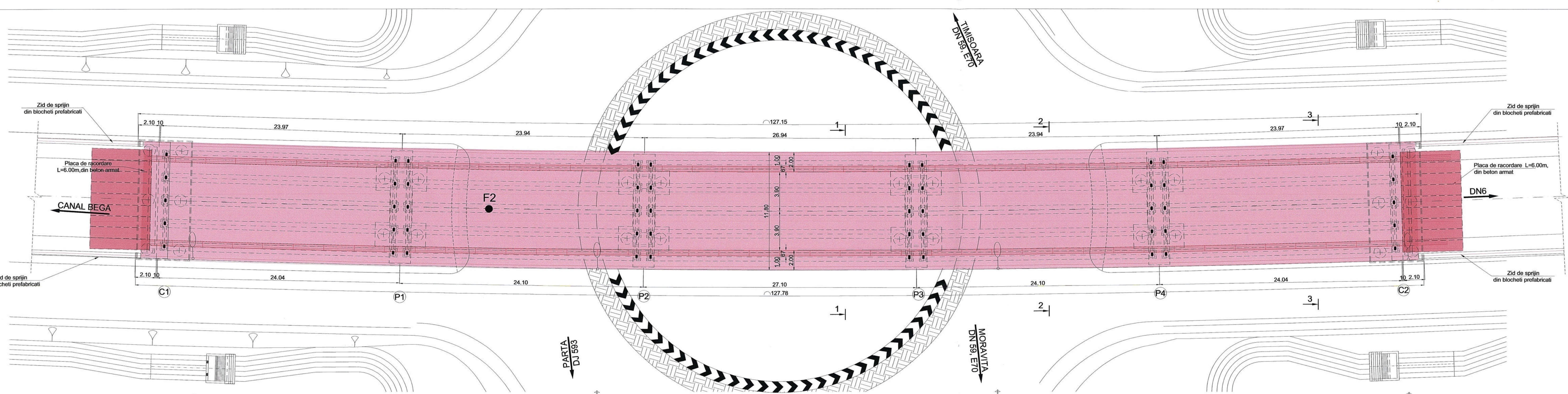
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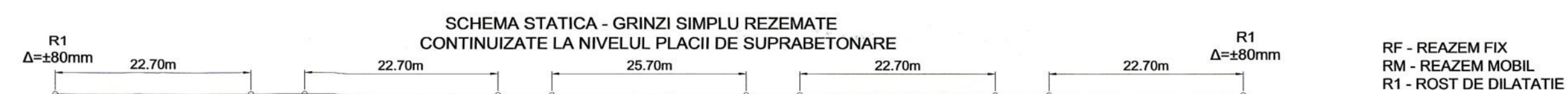
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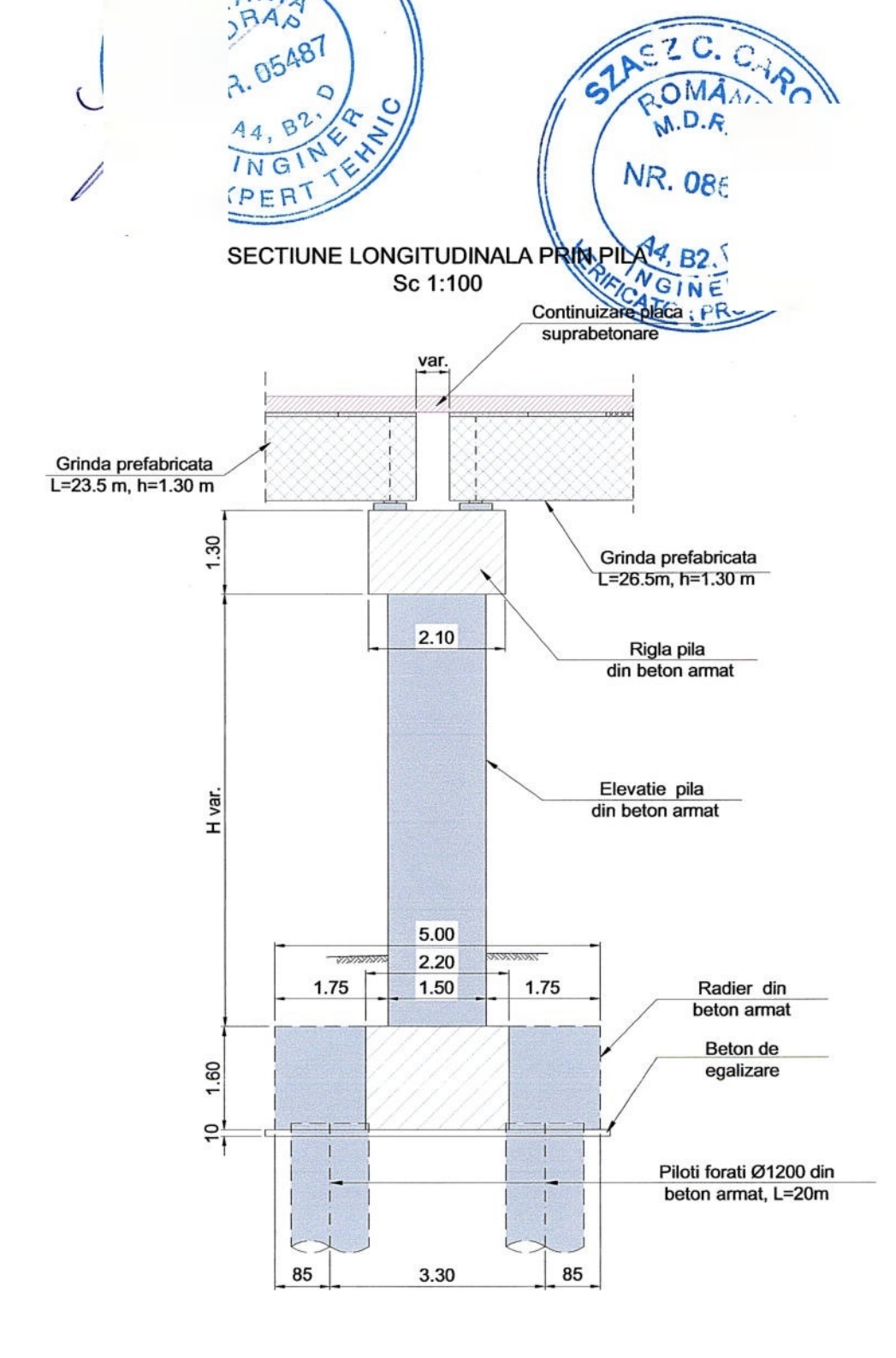
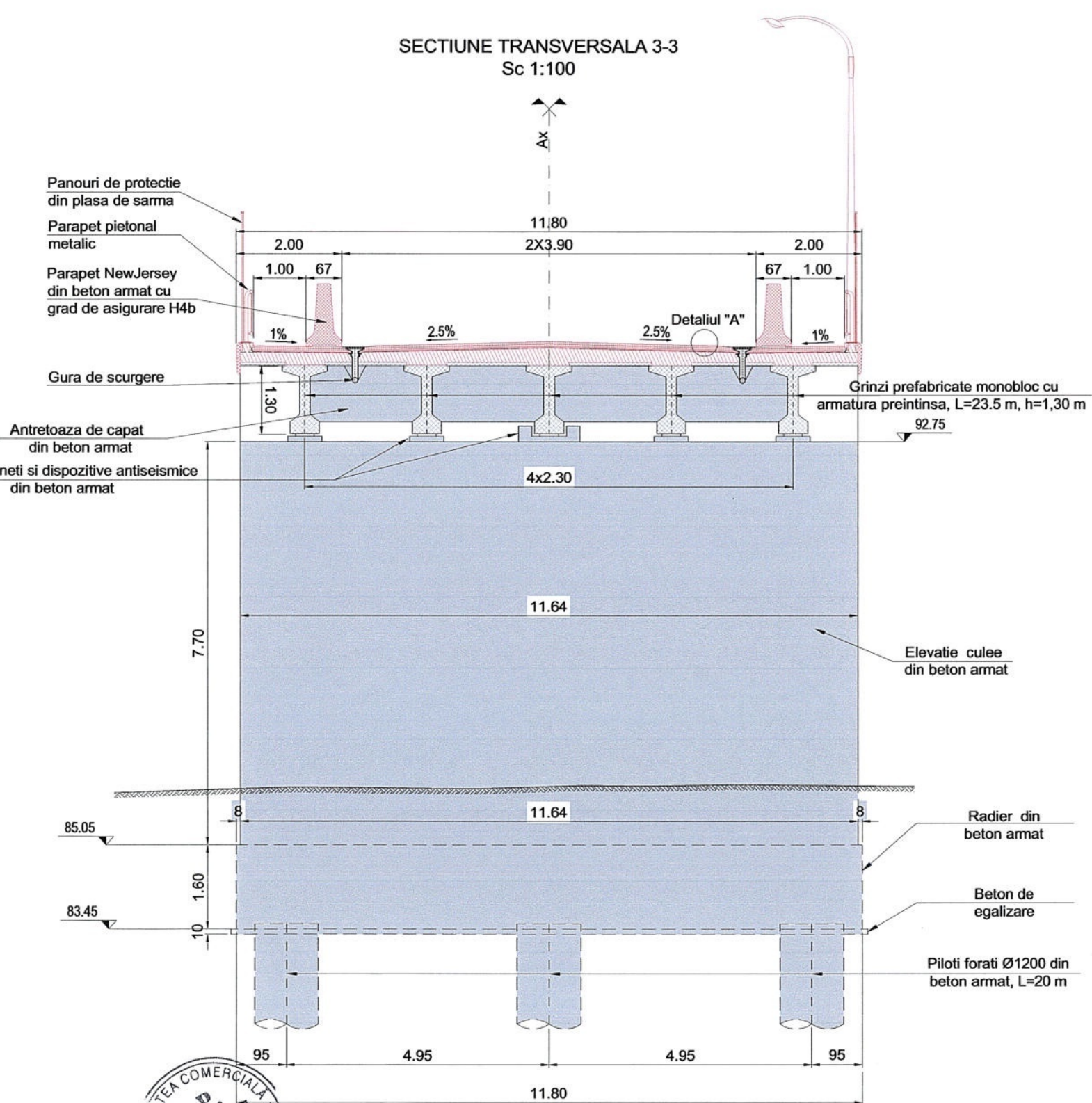
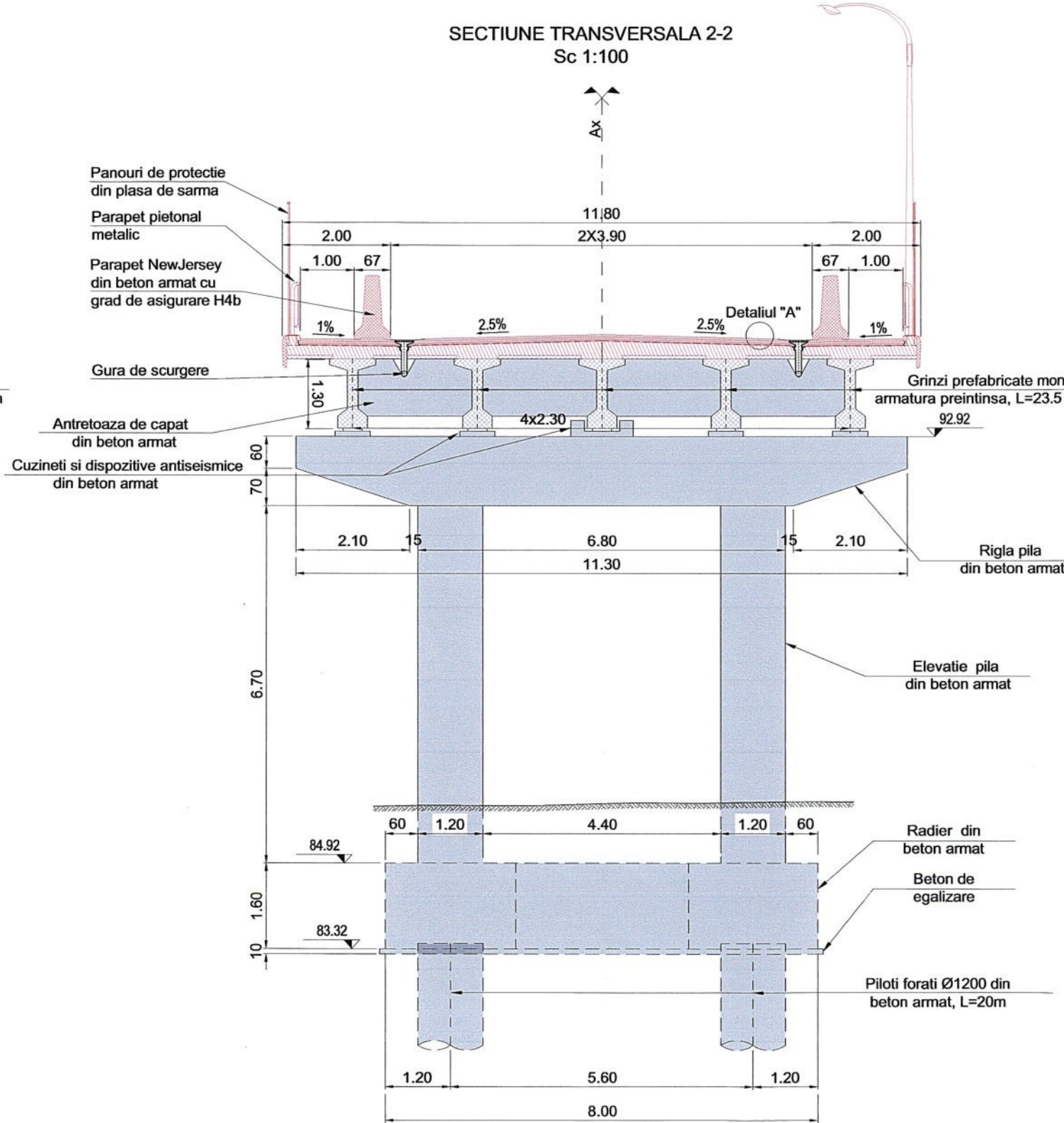
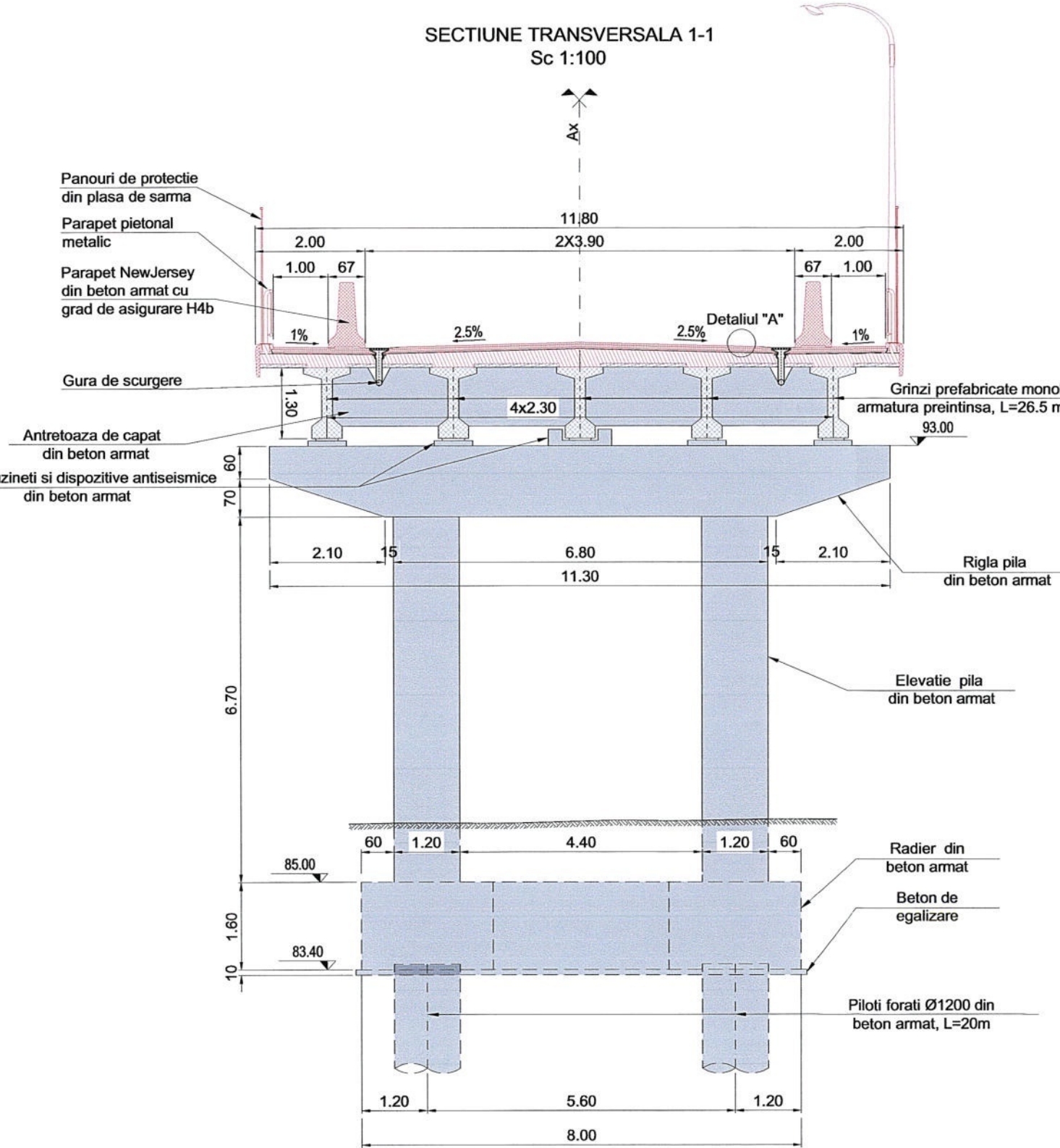
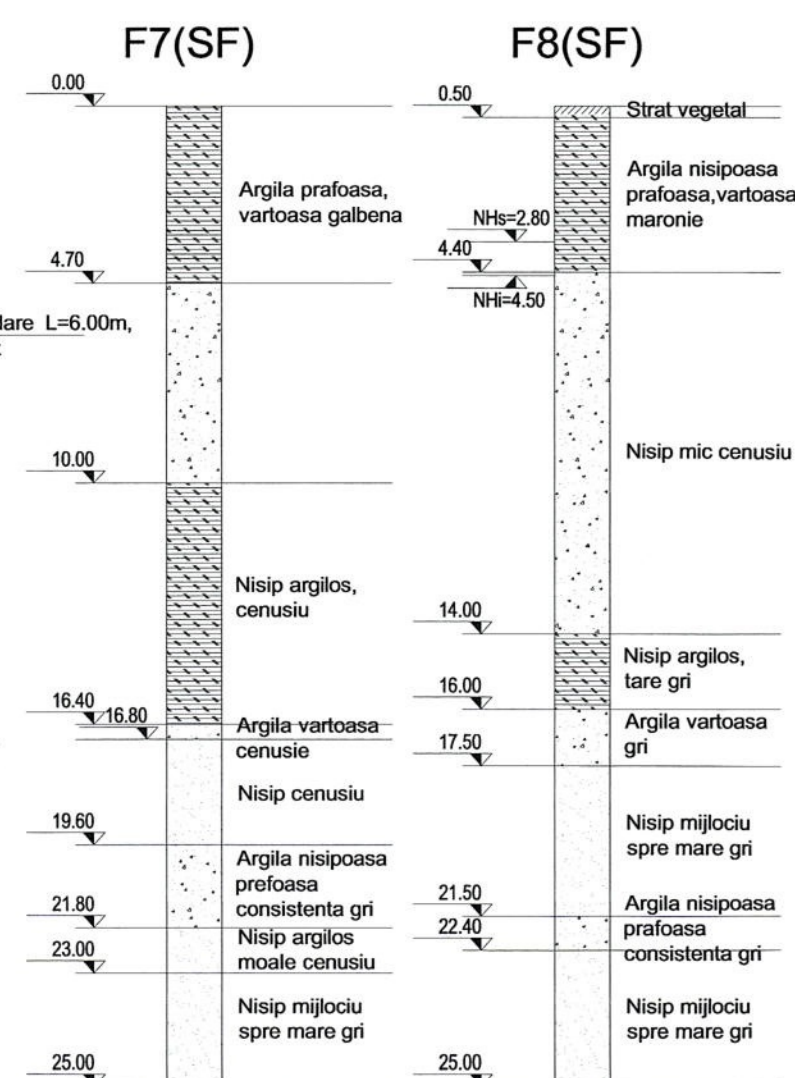
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						PROIECTARE SI EXECUTIE "VARIANTA DE OCULIRE TIMISOARA SUD" ELABORARE PROIECT TEHNIC REST DE EXECUTAT		PROIECT TEHNIC REST DE EXECUTAT		Ing. Silvan Moldovan		NR. REV.		PASAJ KM 5+366 PESTE DN 59 SI LINII DE TRAMVAI RELEVU LUCRARI EXECUTATE	
COMPANIA NATIONALA DE INFRASTRUCTURA SI TRANSPORTURI S.A.						NUMAR CONTRACT: 550/30.09.02.2023		Data : 03.2023		Inginer Proiectant Poduri Ing. Attila Takacs		DATA		Scara : 1:100 1:200	
						NUMAR PROIECT : 556		VERIFICATOR TEHNIC		Inginer Proiectant Ing. Tudor Hoda		NUMAR PLANSA			
												10036-VOTM-STR04-RL-E-01			



Convoiu de calcul: LM1, LM2(SR EN 1991-2/2005).
Caracteristicile seismice ale zonei: $a_g=0.2g$, $T_c=0.7$ s
conform cod P100/1-2013, SR EN 1998-2/2006.
Categorie de importanta: C.
Exigente de verificare: A4, B2, D2.



RF - REAZEM FIX
RM - REAZEM MOBIL
R1 - ROST DE DILATATIE



TABEL CENTRALIZATOR			
NR.CRT.	ELEMENT	CLASA DE BETON	CLASA DE EXPUNERE
1	Piloti	C25/30	XC4
2	Beton de egalizare	C8/10	-
3	Radiere culei si pile	C25/30	XC2, XF3
4	Elevati culei	C35/45	XC4, XD3, XF2
5	Elevati pile, rigle, cuzneti	C35/45	XC4, XD3, XF2
6	Grinzi prefabricate	C50/60	XC4, XD1, XF2
7	Placa de suprabetonare	C35/45	XC3, XD1, XF2
8	Antretoaze	C35/45	XC4, XF2
9	Predale	C35/45	XC4, XD1, XF2
10	Lise prefabricate	C35/45	XC4, XD3, XF4
11	Grinda de reamare, placi de racordare	C25/30	XC2, XF2

LEGENDA:
REALIZAT-
NEREALIZAT-

NOTA:
- Toate fisurile si degradarile intalnite pe fetele de beton existente se vor remedia cu injectii cu mortare speciale sau rasini epoxidice;
- Toate elementele de beton vor fi protejate anticoroziv;

INVESTITOR
ANAF

PROIECTANT GENERAL
D.P. CONSULT S.A.

AMPLASAMENT

NUMAR PROIECT : 556

NUMAR CONTRACT : 550/06/09.02.2023

FAZA PROIECT
PROIECT TEHNIC
REST DE EXECUTAT

Data : 03.2023

VERIFICATOR TEHNIC

Manager de Proiect
ing. Silvan Moldovan

Sef Echipa Proiectare
ing. Raul Codis

Inginier Proiectant Produs
ing. Attila Takacs

Inginier Proiectant
ing. Tudor Hoda

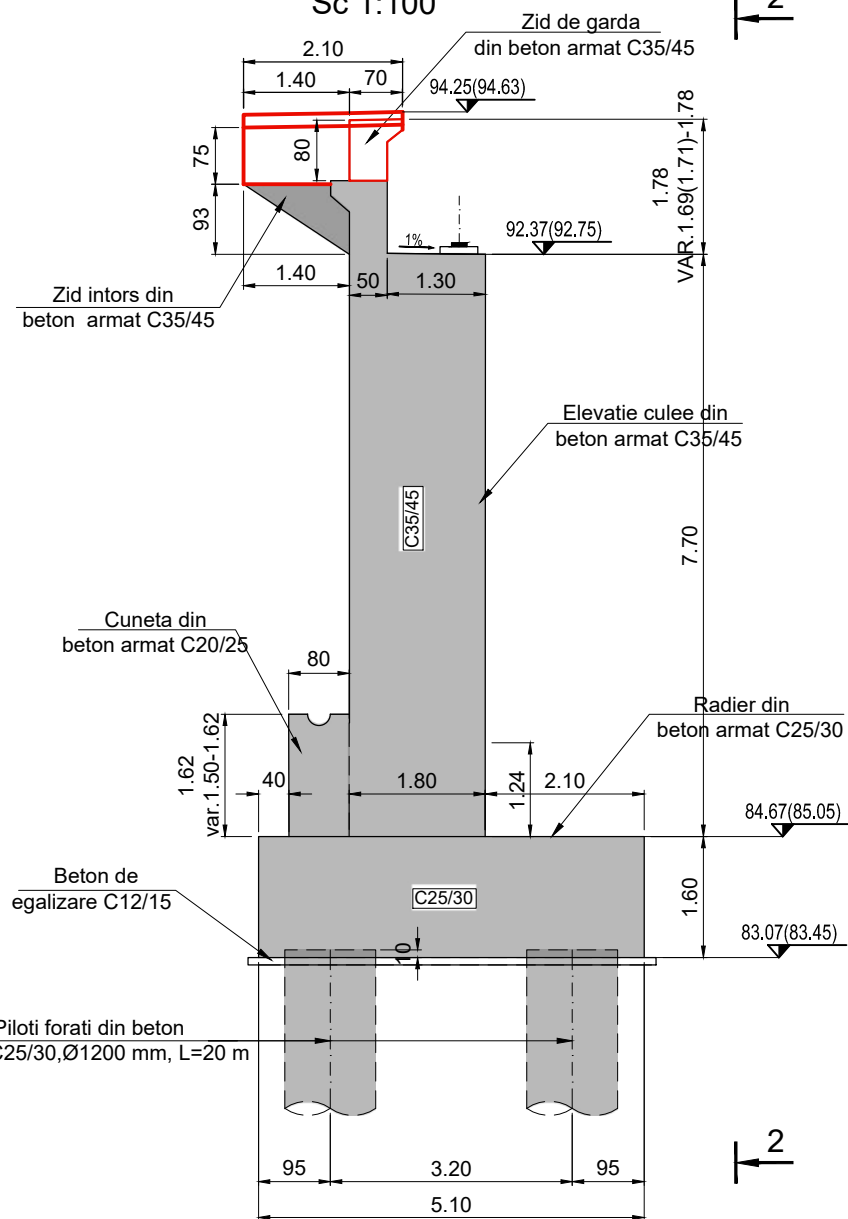
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NR. REV.	DATA	SEM.

DENUMIRE PLANSA
PASAJ KM 5+366 PESTE DN 59 SI
LINII DE TRAMVAI
DISPOZITIE GENERALA

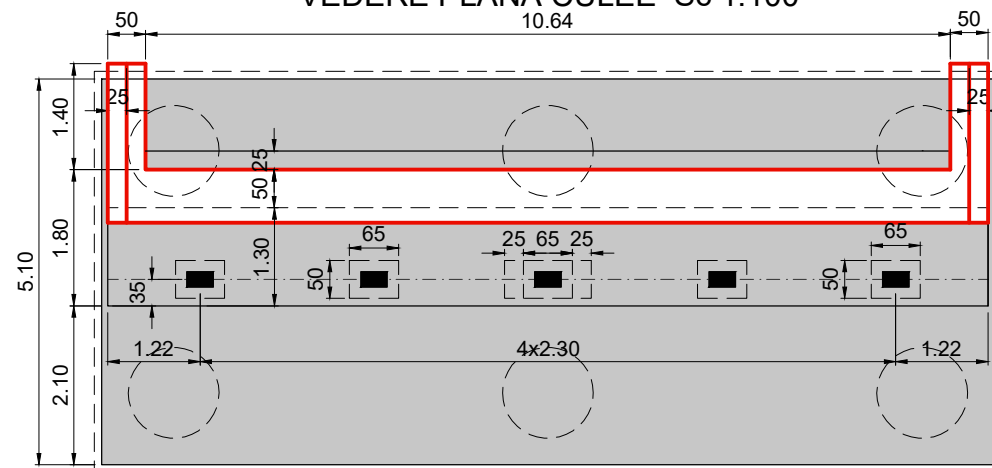
Scara : 1:100 1:200

NUMAR PLANSA
10036-VOTM-STR04-DG-01

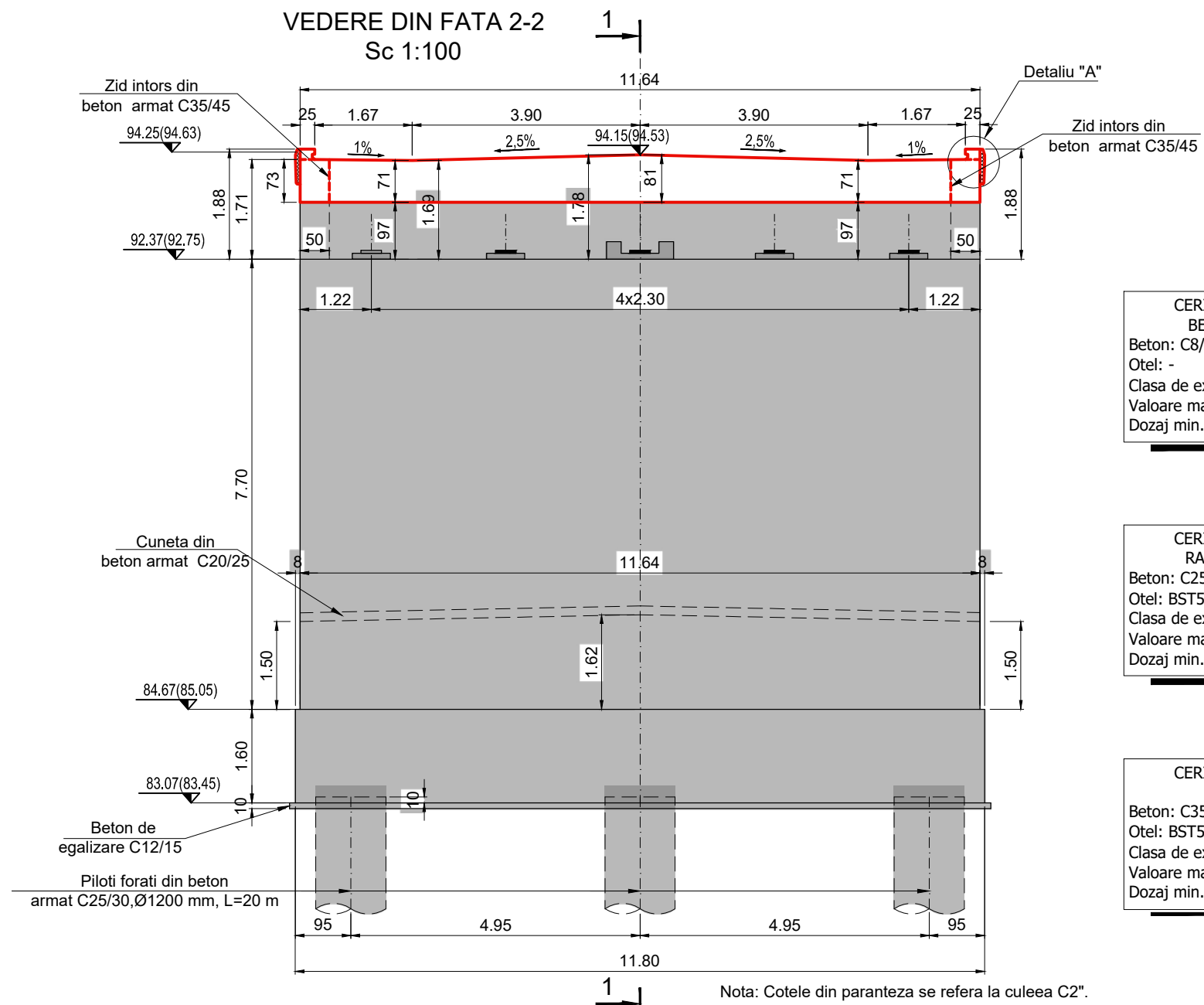
SECTIUNE 1-1
Sc 1:100



VEDERE PLANA CULEE Sc 1:100



VEDERE DIN FATA 2-2
Sc 1:100



Nota: Cotele din paranteza se refera la culeea C2".

**CERINTE DE CALITATE
BETON EGALIZARE**
Beton: C8/10
Otel: -
Clasa de expunere: -
Valoare max. A/C: -
Dozaj min. ciment: -

**CERINTE DE CALITATE
RADIARE/FUNDATII**
Beton: C25/30
Otel: BST500C
Clasa de expunere: XC2, XF3.
Valoare max. A/C: 0.55^a
Dozaj min. ciment: 300 Kg/m³

**CERINTE DE CALITATE
ELEVATII**
Beton: C35/45
Otel: BST500C
Clasa de expunere: XC4, XD3, XF2.
Valoare max. A/C: 0.45
Dozaj min. ciment: 320^b Kg/m³

LEGENDA:

REALIZAT-

NEREALIZAT-

NOTA:

- Toate elementele de beton in contact cu pamantul se vor proteja cu emulsie bituminoasa sau alte solutii de protectie anticoroziva

INVESTITOR



COMPANIA NATIONALA DE ADMINISTRARE
A INFRASTRUCTURII RUTIERE S.A.

PROIECTANT GENERAL



D.P. CONSULT S.A.

AMPLASAMENT



DENUMIRE PROIECT

PROIECTARE SI EXECUTIE
"VARIANTA DE OCOLIRE
TIMISOARA SUD"
ELABORARE PROIECT TEHNIC
REST DE EXECUTAT

NUMAR CONTRACT: 550/36/09.02.2023

NUMAR PROIECT : 556

FAZA PROIECT

PROIECT TEHNIC
REST DE EXECUTAT

Data : 03.2023

VERIFICATOR TEHNIC

Manager de Proiect

ing. Silvan Moldovan

Sef Echipa Proiectare

ing. Raul Cocis

Inginer Proiectant Poduri

ing. Attila Takacs

Inginer Proiectant

ing. Tudor Hoda

REVIZII

NR. REV. DATA SEMN.

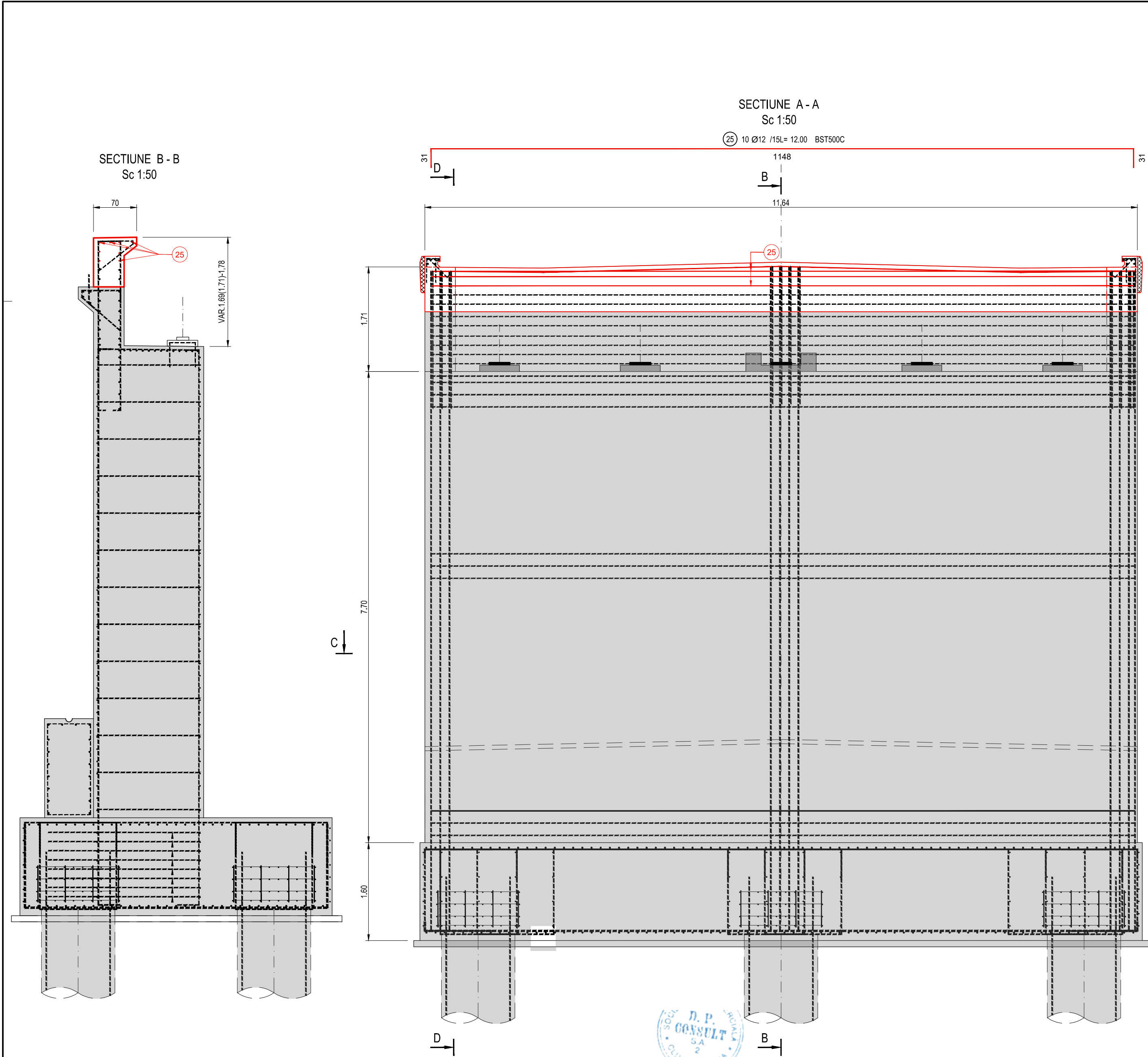
DENUMIRE PLANSĂ

PASAJ KM 5+366 PESTE DN 59 SI
LINII DE TRAMVAI
PLAN COFRAJ CULEE

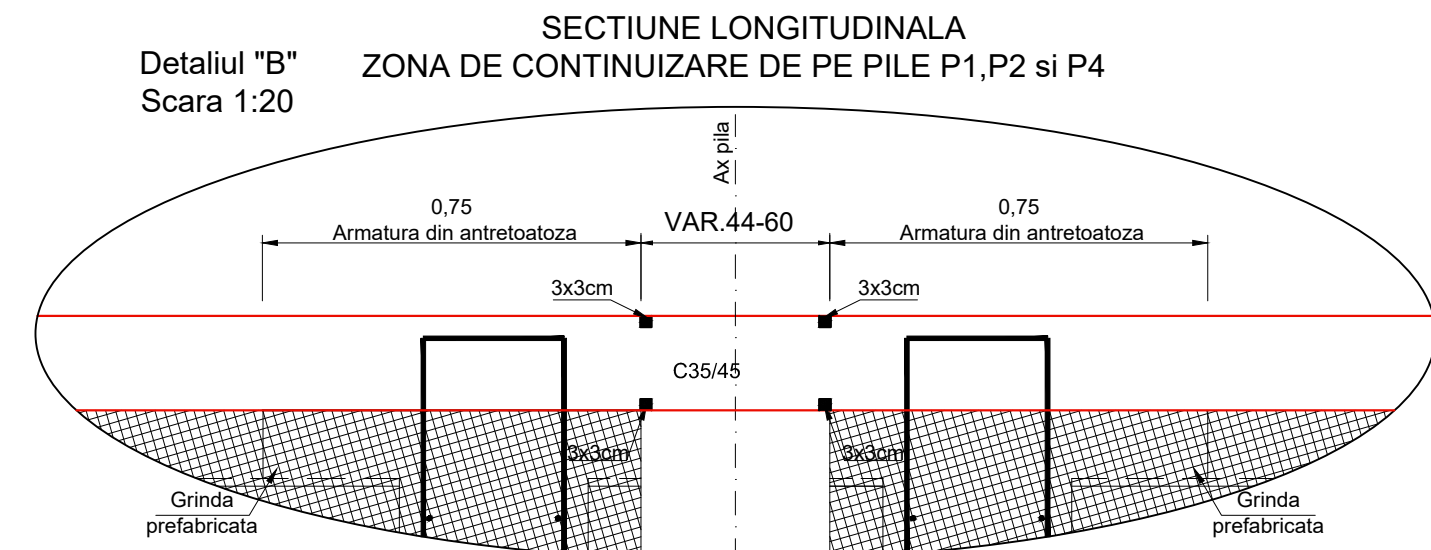
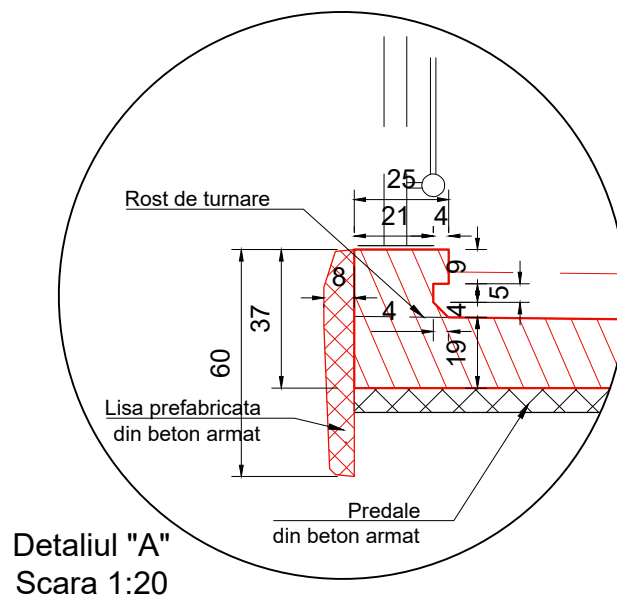
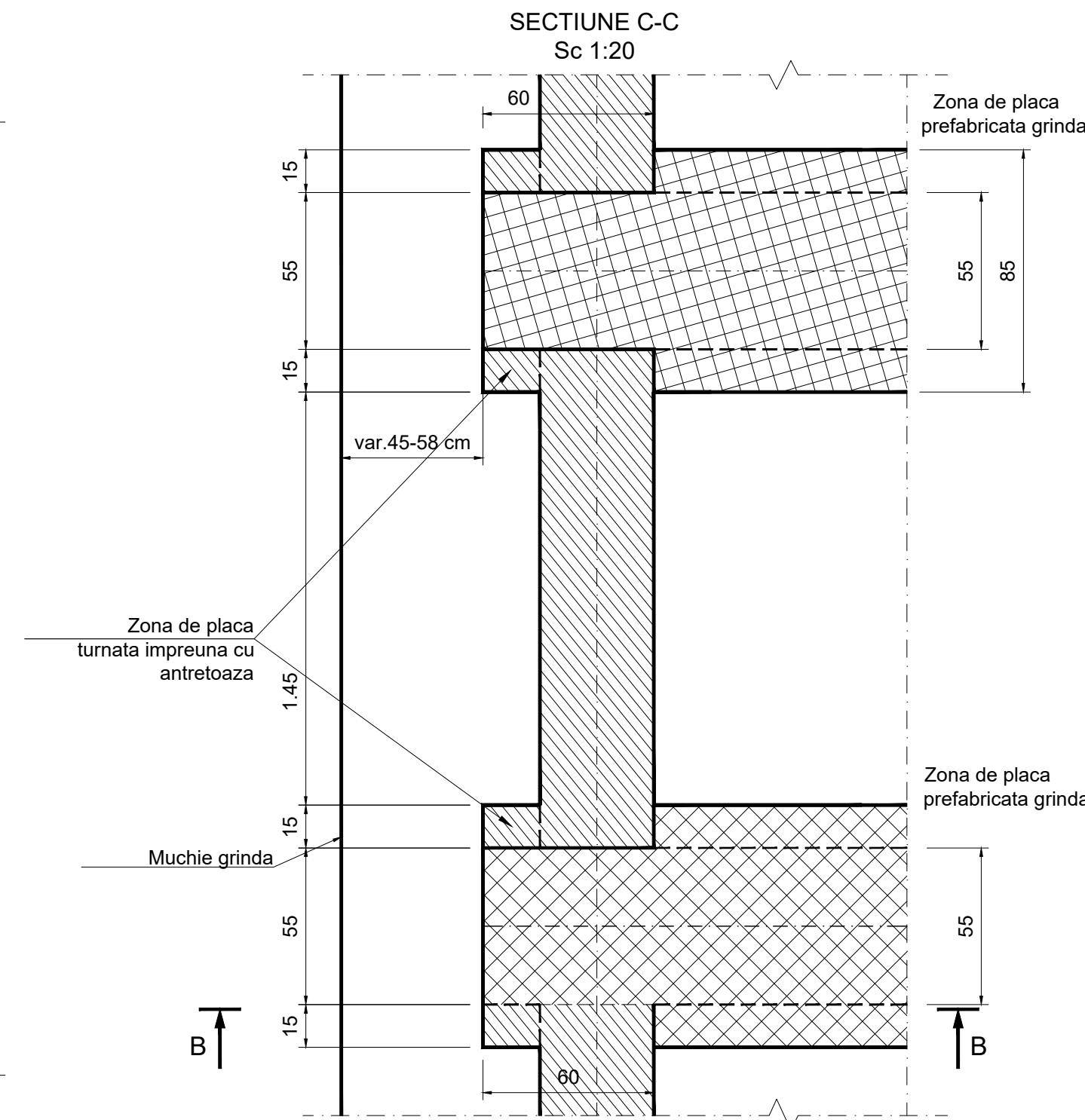
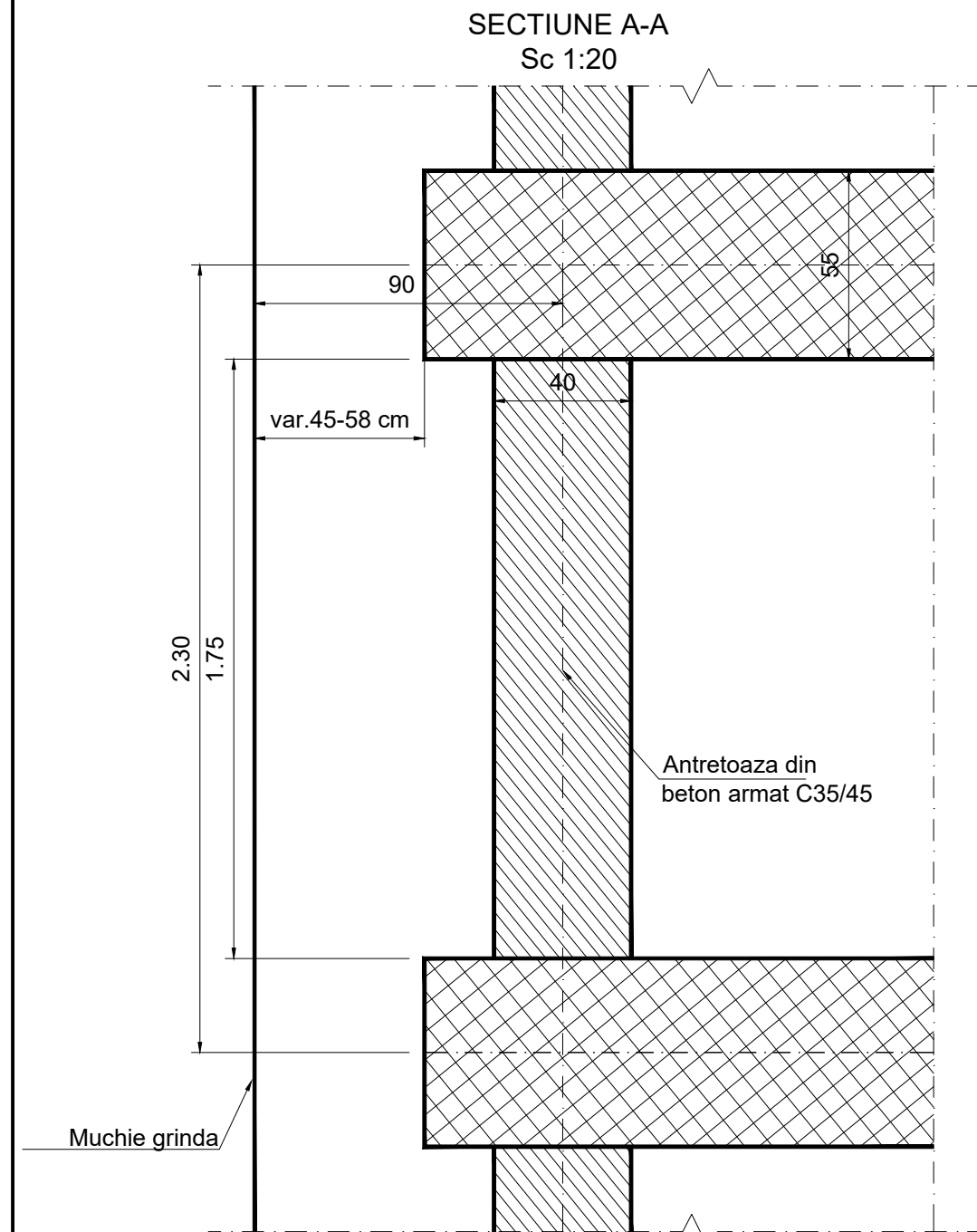
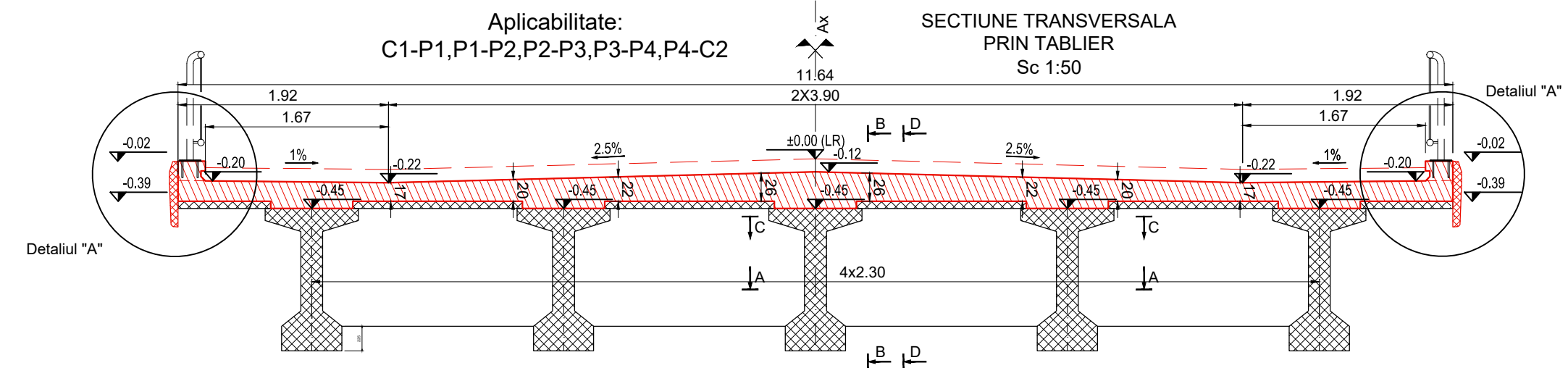
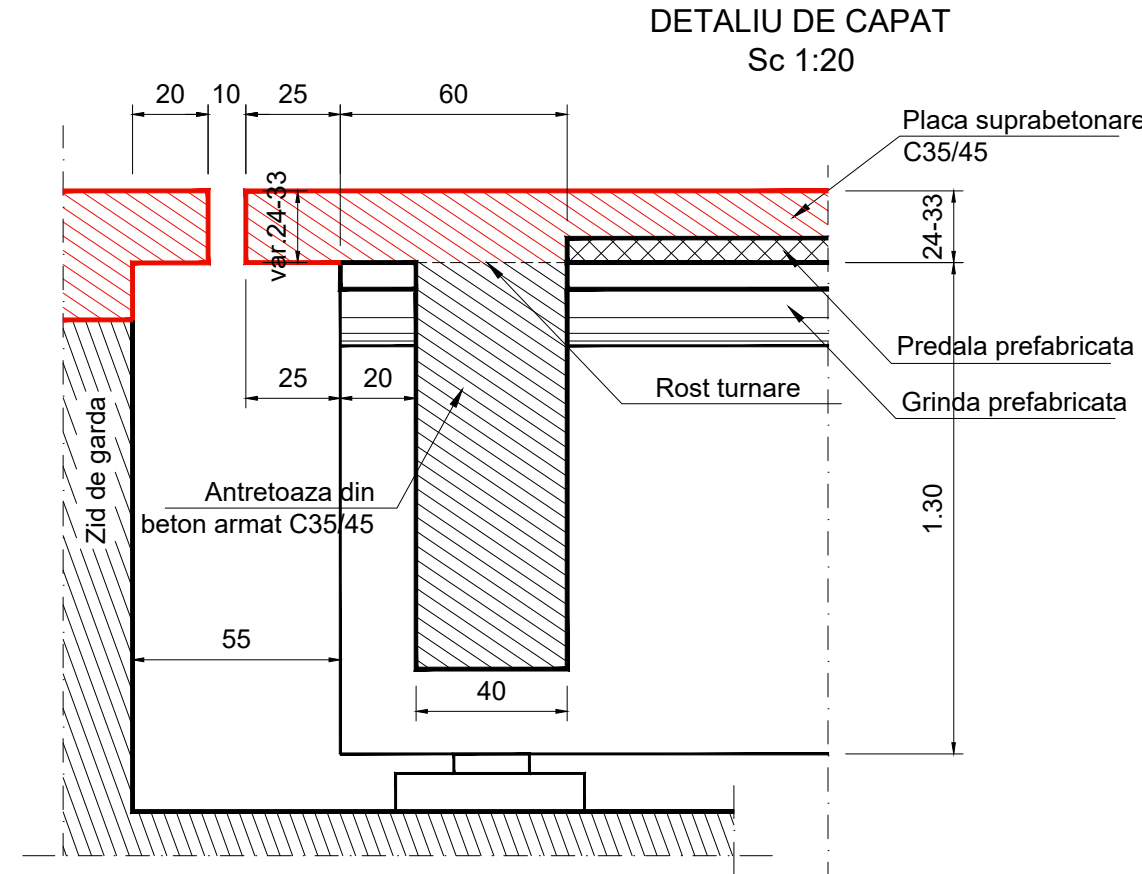
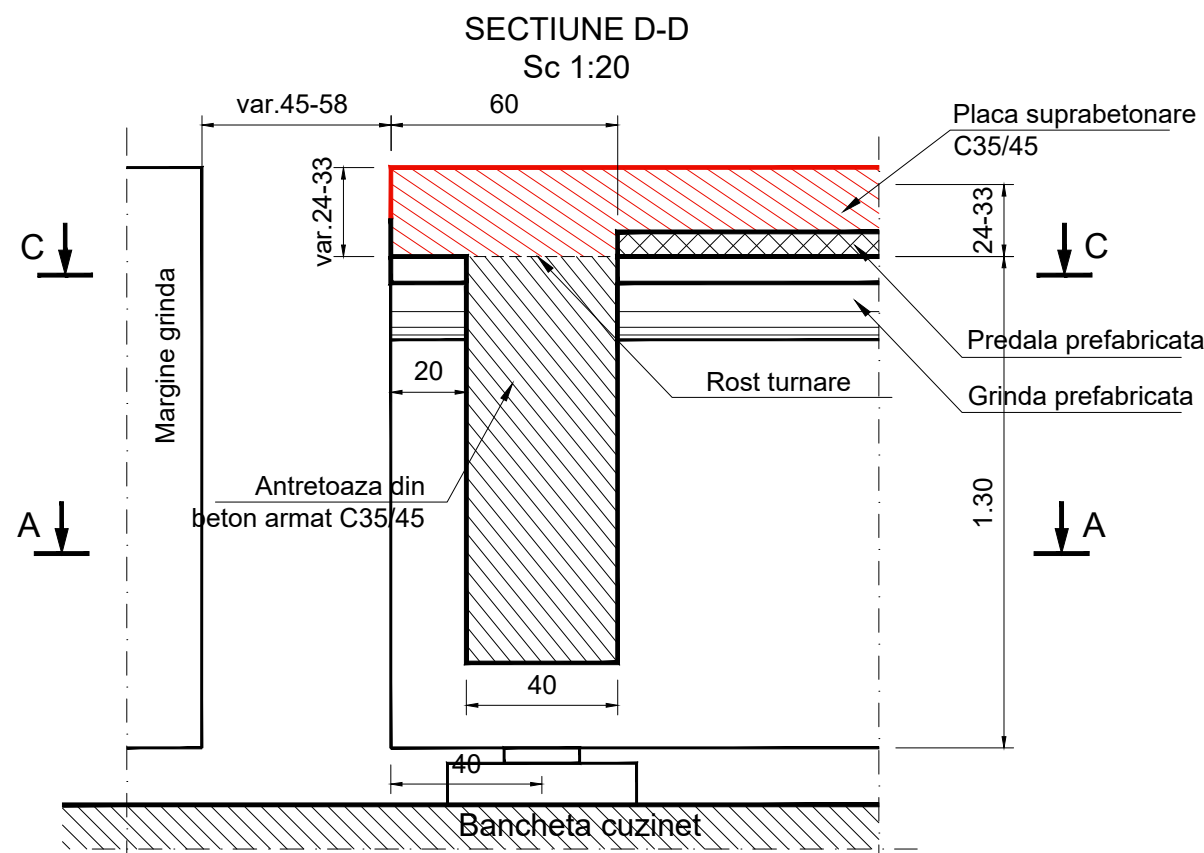
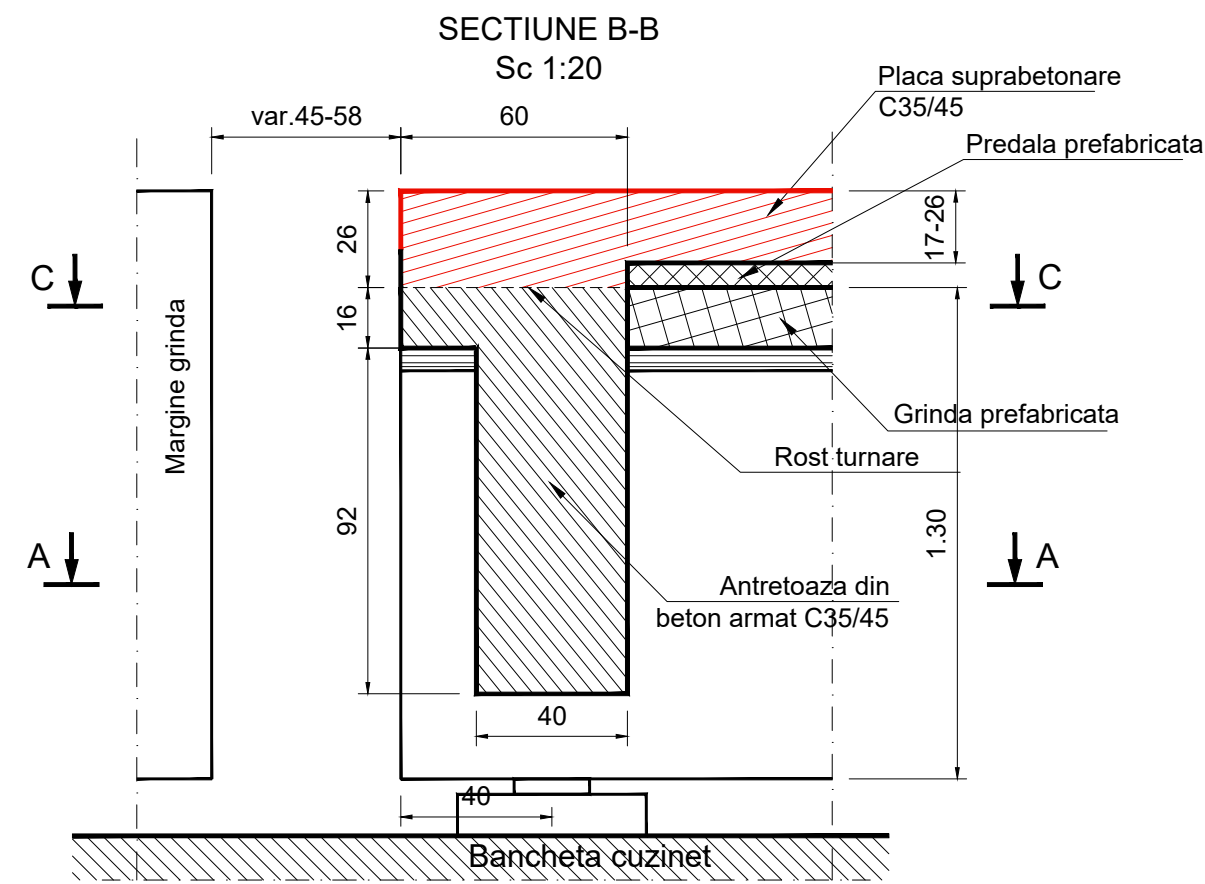
Scara : 1:25, 1:100

NUMAR PLANSĂ

10036-VOTM-STR04-Ci-01



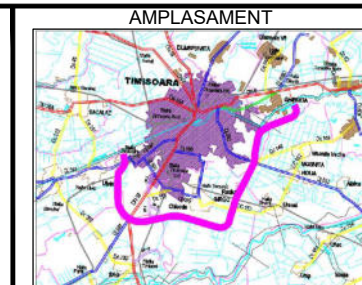
<div>INVESTITOR</div> <div></div> <div>COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE S.A.</div>	<div>PROIECTANT GENERAL</div> <div></div> <div>D.P. CONSULT S.A.</div>	<div>AMPLASAMENT</div> <div></div>	<div>DENUMIRE PROIECT</div> <div>PROIECTARE SI EXECUTIE "VARIANTA DE OCOLIRE TIMISOARA SUD" ELABORARE PROIECT TEHNIC REST DE EXECUTAT</div> <div>NUMAR CONTRACT: 550/36/09.02.2023</div> <div>NUMAR PROIECT : 556</div>	<div>FAZA PROIECT</div> <div>PROIECT TEHNIC REST DE EXECUTAT</div> <div>Data : 03.2023</div> <div>VERIFICATOR TEHNIC</div>	<div>Manager de Proiect</div> <div>ing. Silivan Moldovan</div> <div>Sef Echipa Proiectare</div> <div>ing. Raul Cools</div> <div>Inginer Proiectant Poduri</div> <div>ing. Attila Takacs</div> <div>Inginer Proiectant</div> <div>ing. Tudor Hoda</div>	REVIZII			<div>DENUMIRE PLANSĂ</div> <div>PASAJ KM 5+366 PESTE DN 59 SI LINII DE TRAMVAI</div> <div>PLAN ARMARE RADIERE SI ELEVATII CULEI "C1 SI C2"</div> <div>Scara : 1:2 1:50</div> <div>NUMAR PLANSĂ</div> <div>10036-VOTM-STR04-AI-05</div>
						NR. REV.	DATA	SEM.	



LEGENDA:

REALIZAT-	
NEREALIZAT-	

CERINTE DE CALITATE
PLACA DE SUPRABETONARE
Beton: C35/45
Otel: BST500C
Clasa de expunere: XC3, XD1, XF2
Valoare max. A/C: 0.55
Dozaj min. ciment: 340 Kg/m³



DENUMIRE PROIECT
PROIECTARE SI EXECUTIE
"VARIANTA DE OCULIRE
TIMISOARA SUD"
ELABORARE PROIECT TEHNIC
REST DE EXECUTAT
NUMAR CONTRACT: 550/36/09.02.2023
NUMAR PROIECT: 556

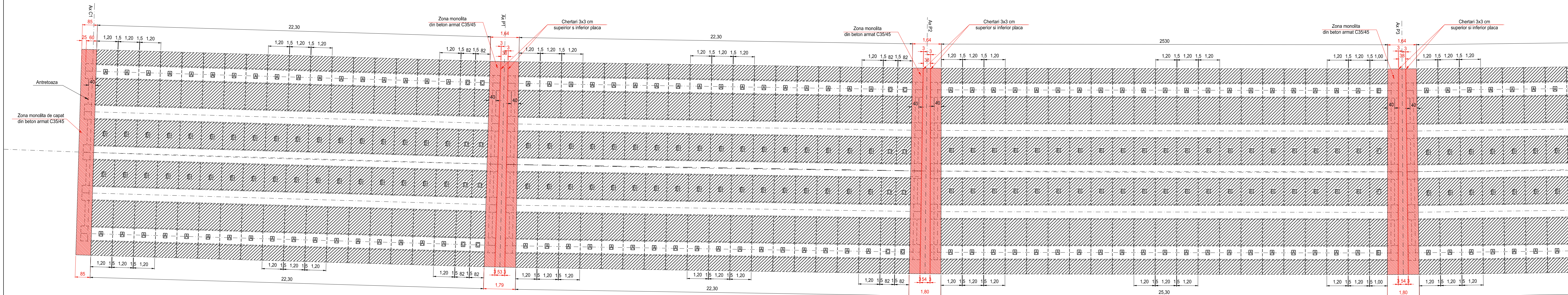
FAZA PROIECT
PROIECT TEHNIC
REST DE EXECUTAT
Data: 03.2023
VERIFICATOR TEHNIC

Manager de Proiect
ing. Silvan Moldovan
Sef Echipa Proiectare
ing. Raul Cocis
Inginer Proiectant Poduri
ing. Attila Takacs
Inginer Proiectant
ing. Tudor Hoda

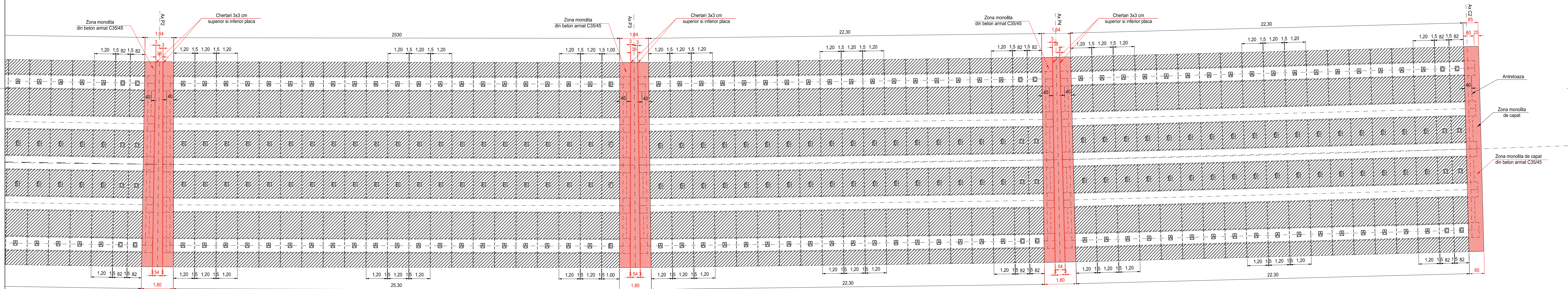
REVIZII		
NR. REV.	DATA	SEM.

DENUMIRE PLANSA
PASAJ KM 5+366 PESTE DN 59 SI
LINII DE TRAMVAI
PLAN COFRAJ
PLACA DE SUPRABETONARE
Scara: 1:50 1:20
NUMAR PLANSA
10036-VOTM-STR04-CS-01

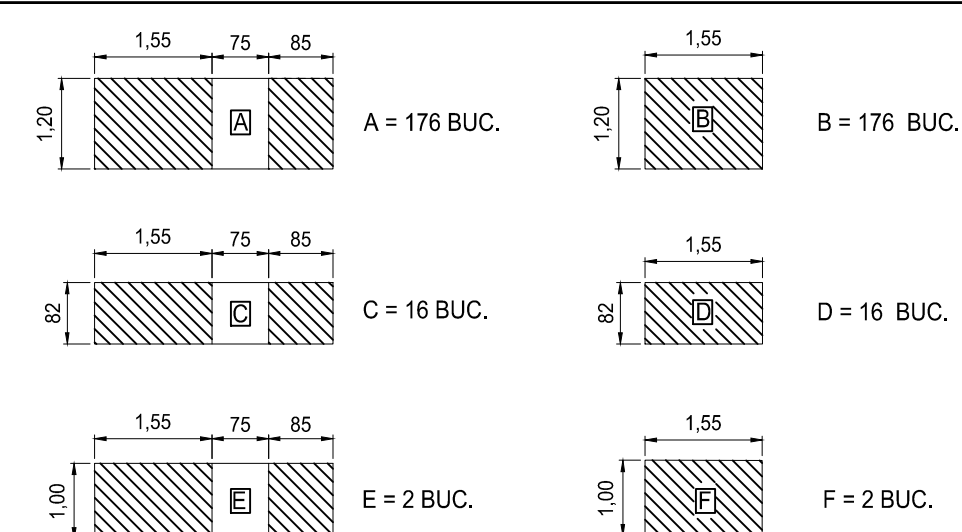
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Sc 1:100



VEDERE PLANA DISPUNERE PREDALE PREFABRICATE
Sc 1:100



LEGENDA - PREDALE PREFABBRICATE

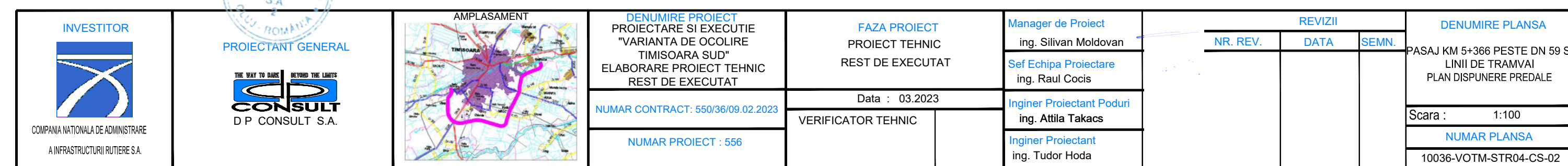


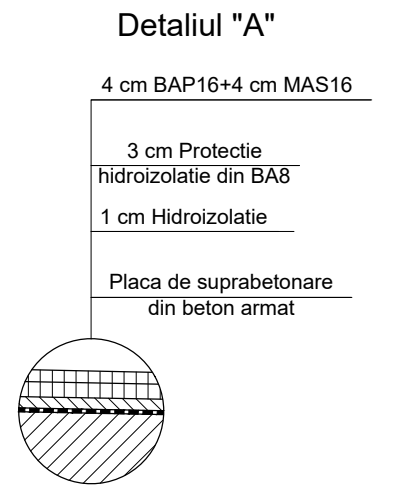
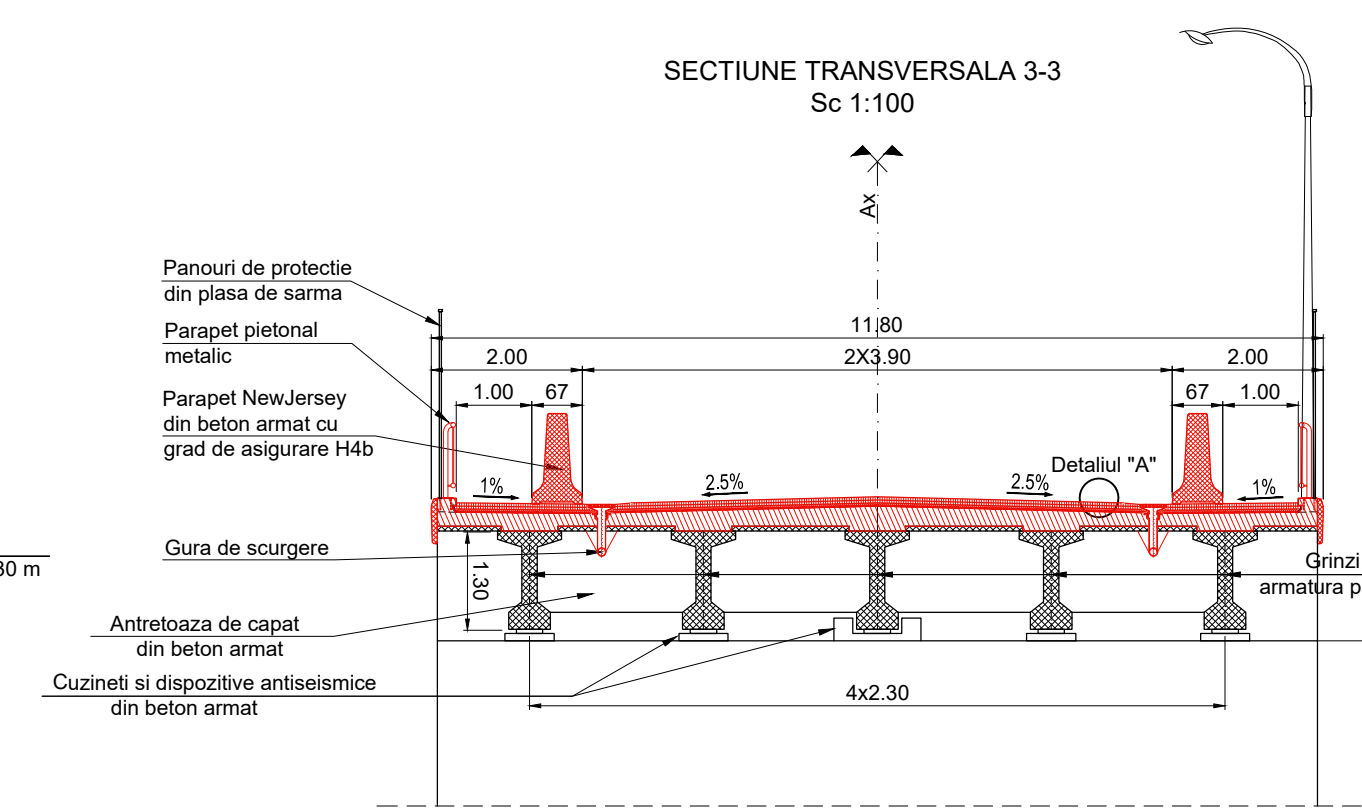
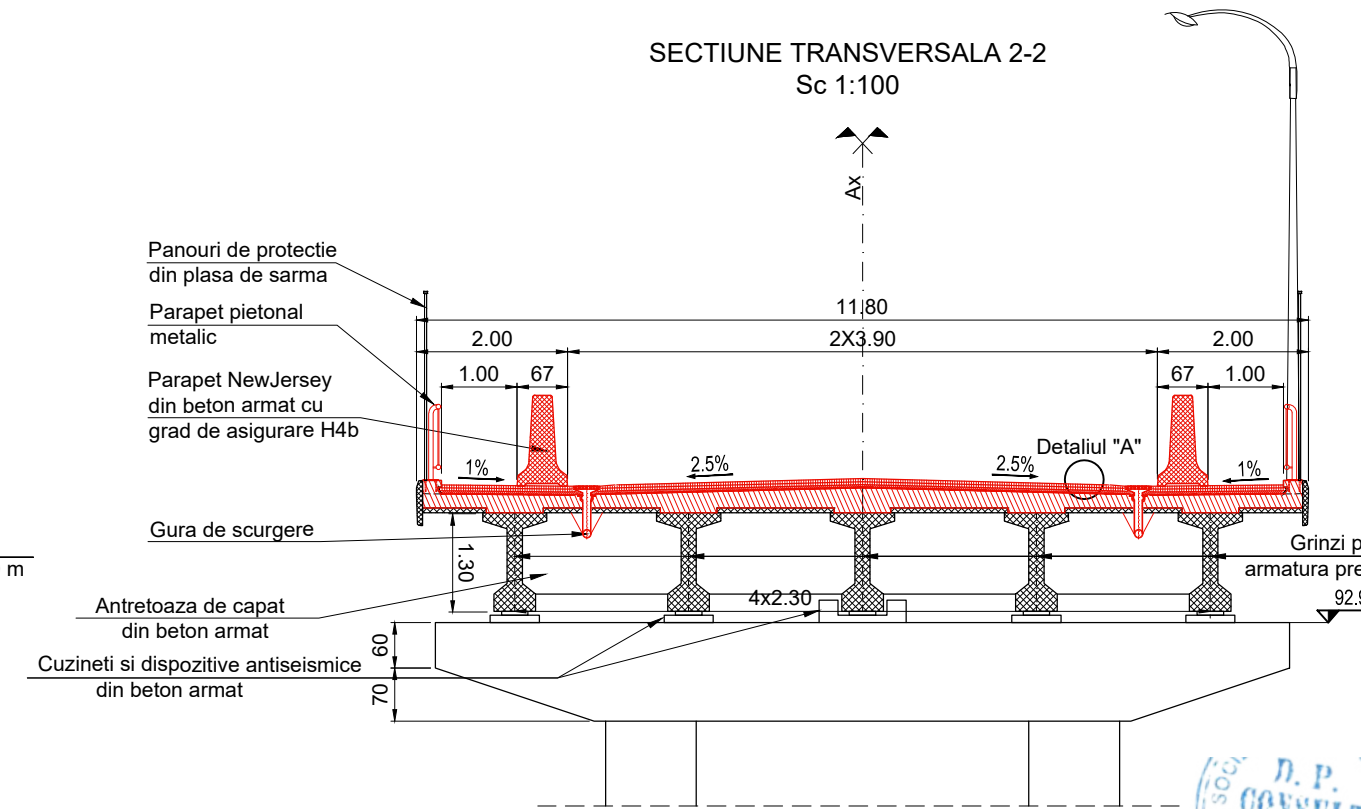
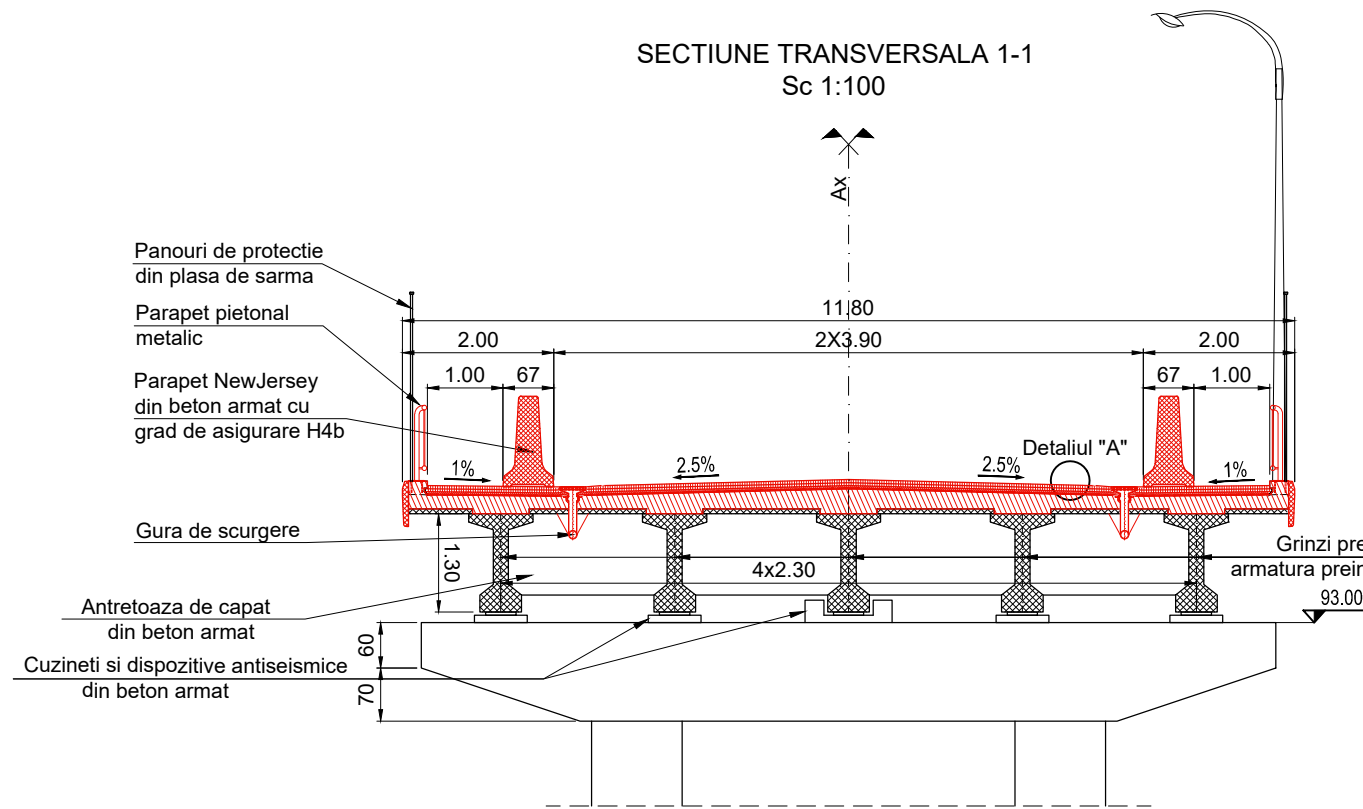
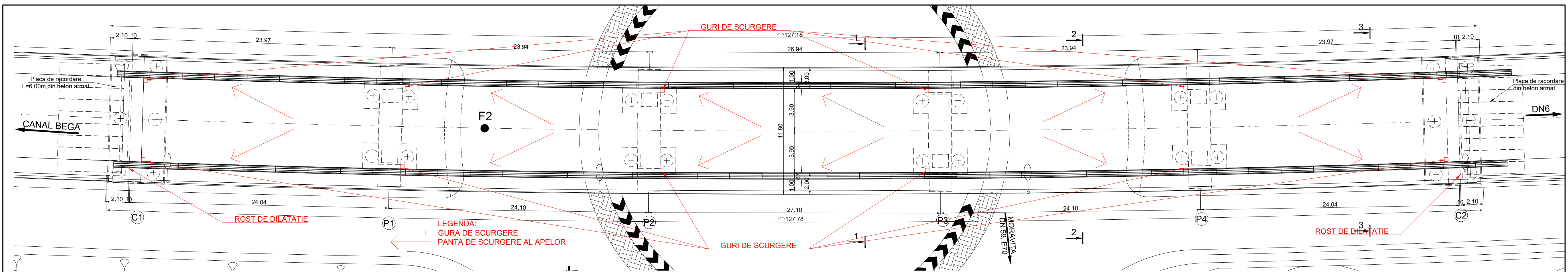
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LEGENDA:

REALIZAT-



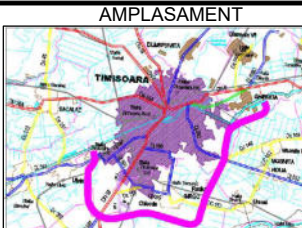
NEREALIZAT-

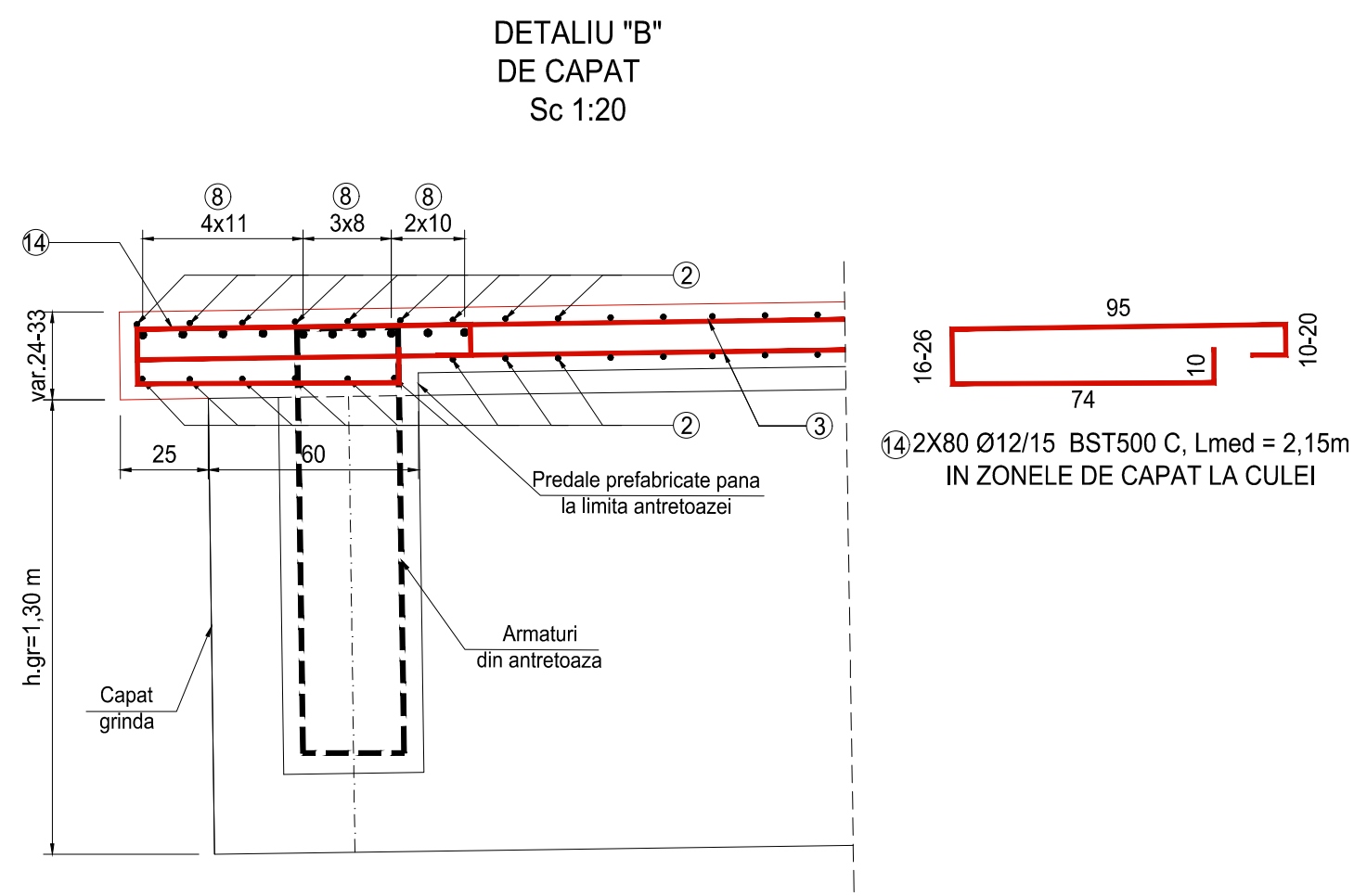
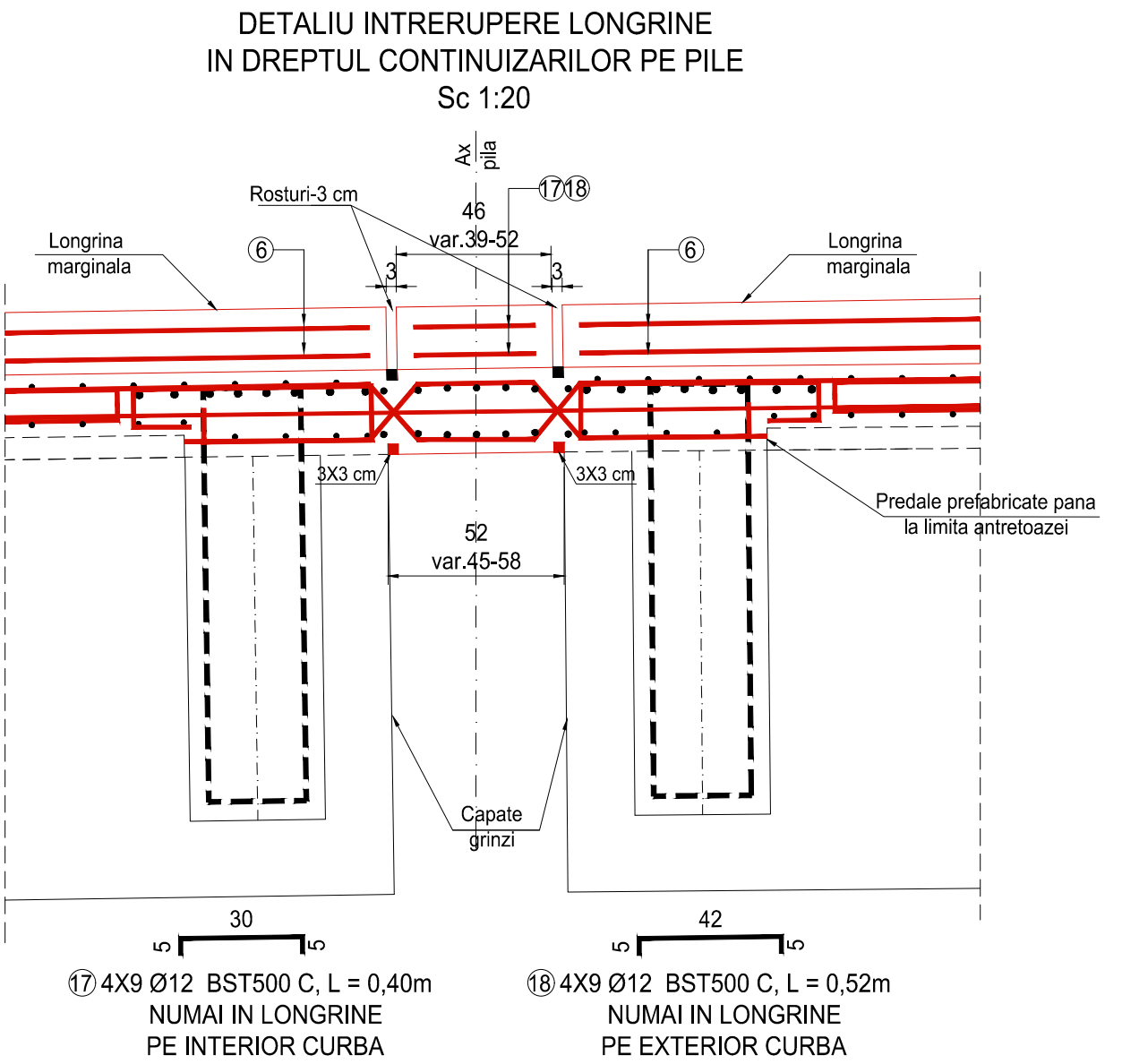
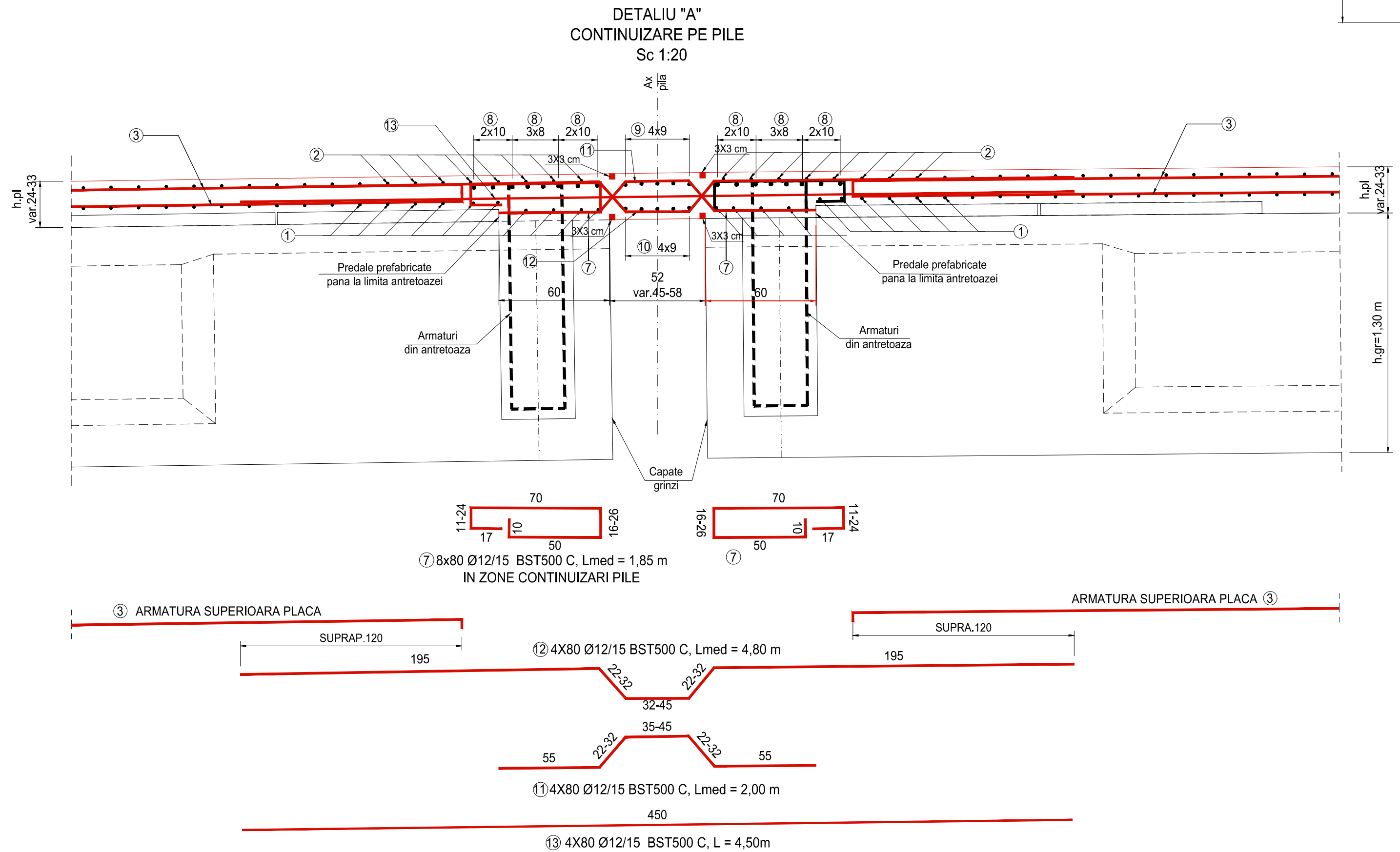
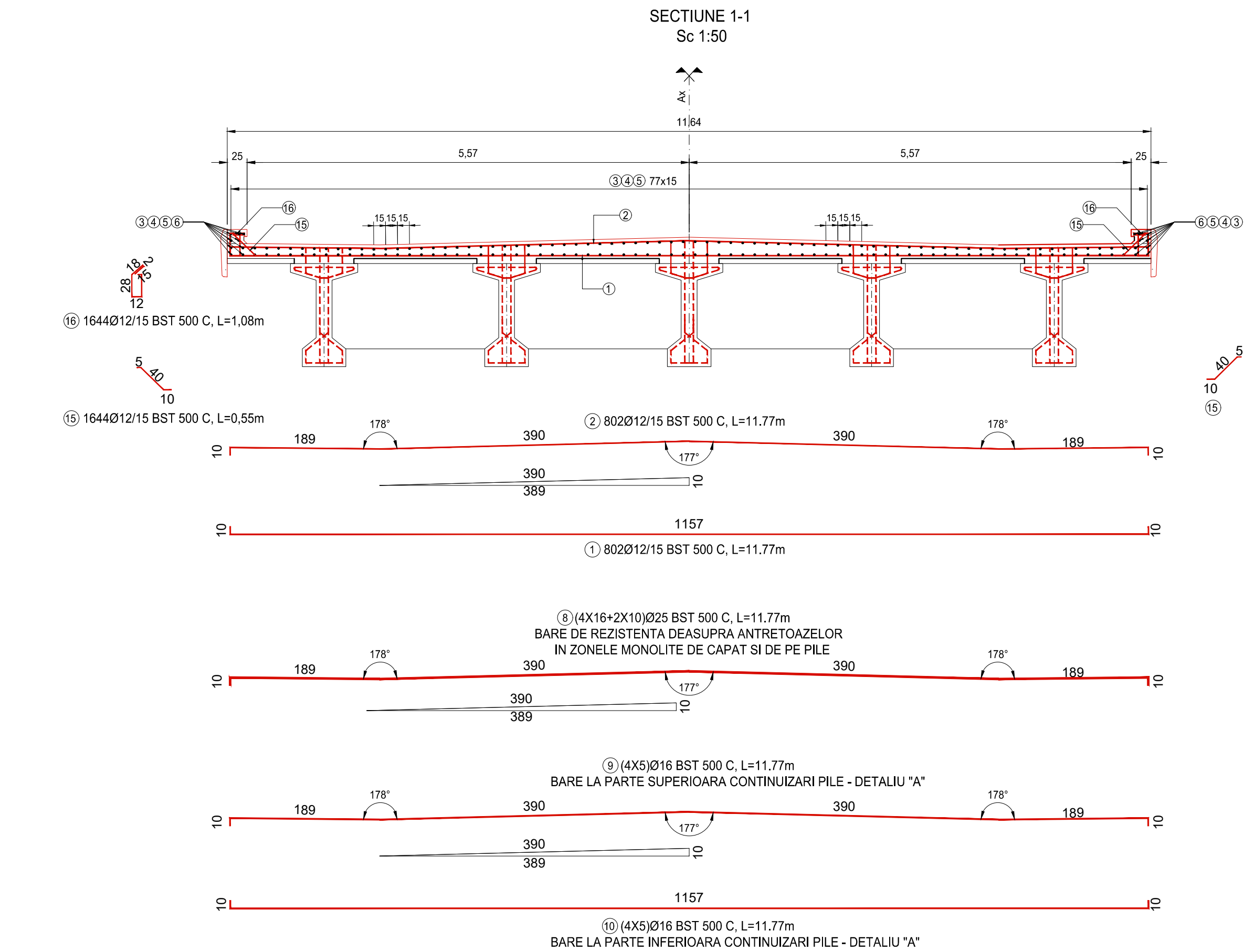
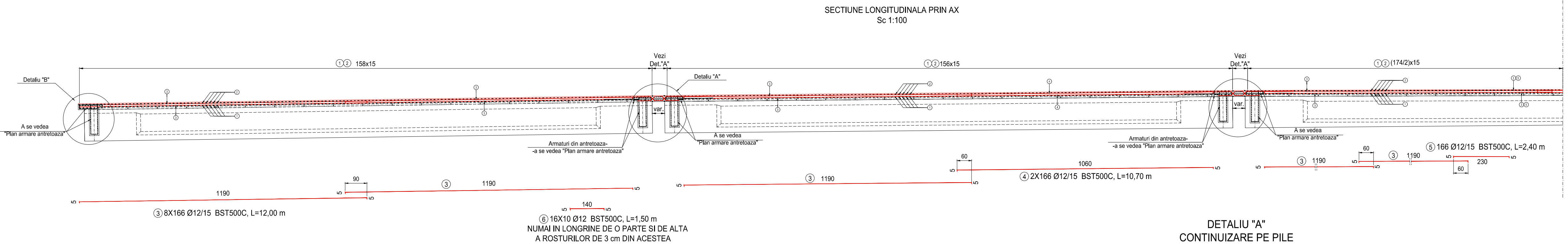
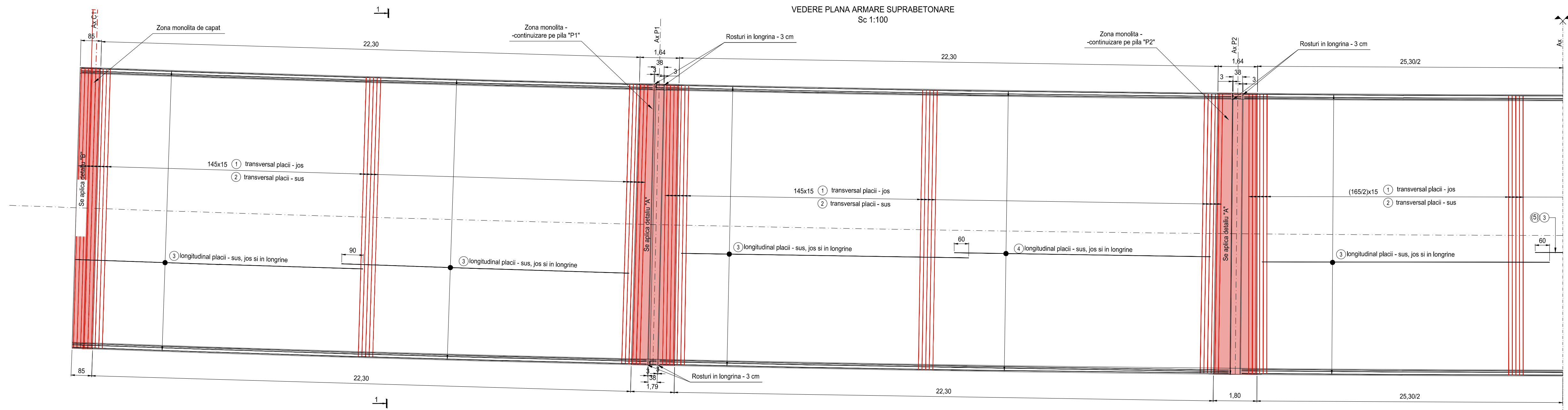




LEGENDA:

REALIZAT-	
NEREALIZAT-	

<div>INVESTITOR</div> <div></div> <div>COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE S.A.</div>	<div>PROIECTANT GENERAL</div> <div></div> <div>D.P. CONSULT S.A.</div>	<div>AMPLASAMENT</div> <div></div>	<div>DENUMIRE PROIECT</div> <div>PROIECTARE SI EXECUTIE "VARIANTA DE OCOLIRE TIMISOARA SUD" ELABORARE PROIECT TEHNIC REST DE EXECUTAT</div> <div>NUMAR CONTRACT: 550/36/09.02.2023</div> <div>NUMAR PROIECT : 556</div>	<div>FAZA PROIECT</div> <div>PROIECT TEHNIC REST DE EXECUTAT</div> <div>Data : 03.2023</div> <div>VERIFICATOR TEHNIC</div>	<div>Manager de Proiect</div> <div>ing. Silivan Moldovan</div> <div>Sef Echipa Proiectare</div> <div>ing. Raul Cocis</div> <div>Inginer Proiectant Poduri</div> <div>ing. Attila Takacs</div> <div>Inginer Proiectant</div> <div>ing. Tudor Hoda</div>	<div>REVIZII</div> <table><tr><th>NR. REV.</th><th>DATA</th><th>SEM.</th></tr><tr><td></td><td></td><td></td></tr></table>	NR. REV.	DATA	SEM.				<div>DENUMIRE PLANSA</div> <div>PASAJ KM 5+366 PESTE DN 59 SI LINII DE TRAMVAI SCURGEREA APELOR POZITIONARE GURI DE SCURGERE</div> <div>Scara : 1:100 1:200</div> <div>NUMAR PLANSA</div> <div>10036-VOTM-STR04-SA-01</div>
NR. REV.	DATA	SEM.											



EXTRAS DE ARMATURA PENTRU
PLACA SE SUPRABETONARE ȘI CONTINUĂZĂRI

Marca	Ø (mm)	n (buc.)	l. (m)	Ø12	Ø16	Ø25
1	12	802	11.77	9439.54		
2	12	802	11.77	9439.54		
3	12	1328	12.00	15936.00		
4	12	332	10.70	3552.40		
5	12	166	2.40	398.40		
6	12	160	2.00	320.00		
7	12	640	1.65	1184.00		
8	25	84	11.77		235.40	988.68
9	16	20	11.77		235.40	
10	16	20	11.77		235.40	
11	12	320	2.00	640.00		
12	12	320	4.80	1536.00		
13	12	320	4.50	1440.00		
14	12	160	2.15	344.00		
15	12	1644	0.55	904.20		
16	12	1641	1.08	1775.52		
17	12	36	0.40	14.40		
18	12	36	0.52	18.72		
TOTAL LUNGIMI PE DIAMETRU (m)				46947.72	470.80	988.68
GREUTATE PE METRU (kg/m)				0.888	1.578	3.853
GREUTATE PE DIAMETRU (kg)				41676.41	743.08	3809.74
GREUTATE TOTALĂ (kg)				46230.00		
GREUTATE TOTALĂ PT 1 BUCĂȚĂ ASEMENEA				46230.00		

CERINȚE DE CALITATE - SR EN 1992-1
Beton: C35/45
Oțel: BST 500 C
Clasa de expunere: XC3, XD1, XF2
Valoare max. A/C: 0.55
Dozaj min. ciment: 340 kg/m³

CERINȚE DE CALITATE
PLACA DE SUPRABETONARE
Beton: C35/45
Oțel: BST 500C
Clasa de expunere: XC3, XD1, XF2
Valoare max. A/C: 0.55
Dozaj min. ciment: 340 kg/m³

NOTA:
1. Acoperirea minimă la partea superioară a plăcii este 3.5 cm;
2. Toate dimensiunile barelor sunt date în cm;
3. Constructorul are obligația de a verifica proiectul înainte de a proceda la execuție și de a comunica proiectantului orice neajunsuri, erori sau necăzite pentru a face corecțiile sau clarificările necesare;
4. Dacă în momentul reșurării lucrărilor se constată că armătura există în șantier integral sau parțial, conform planșei, se va renunța la acea cantitate existentă, comunicând proiectantului pentru a face eventuale modificări.