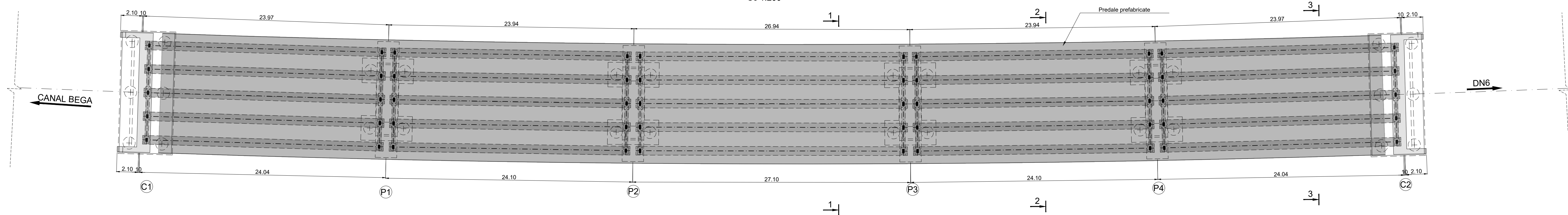
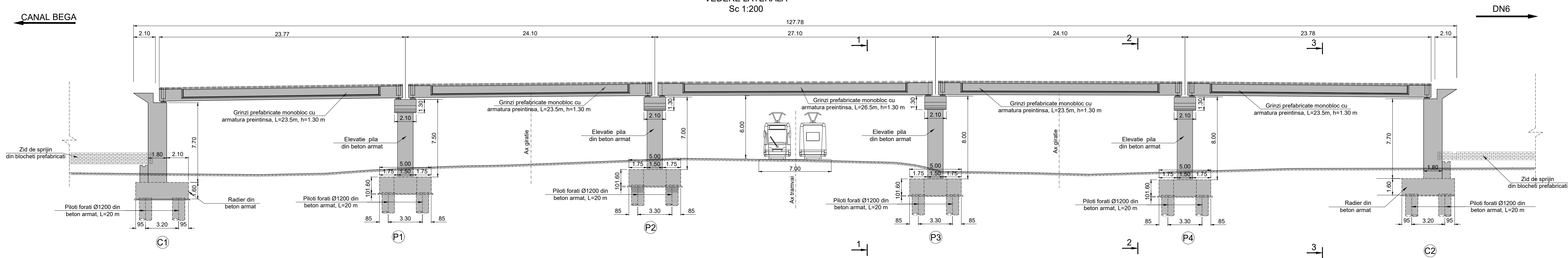


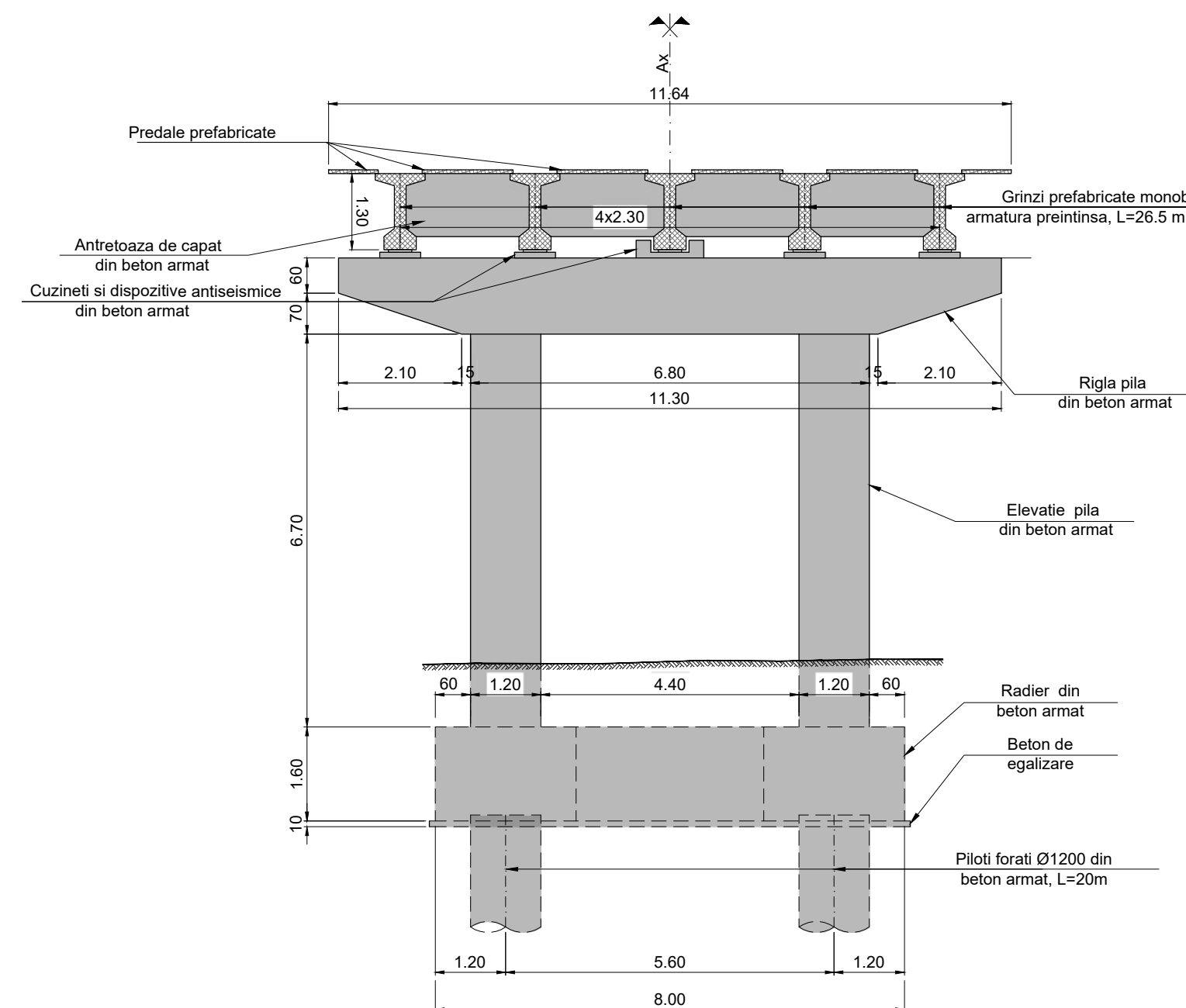
VEDERE PLANA
Sc 1:200



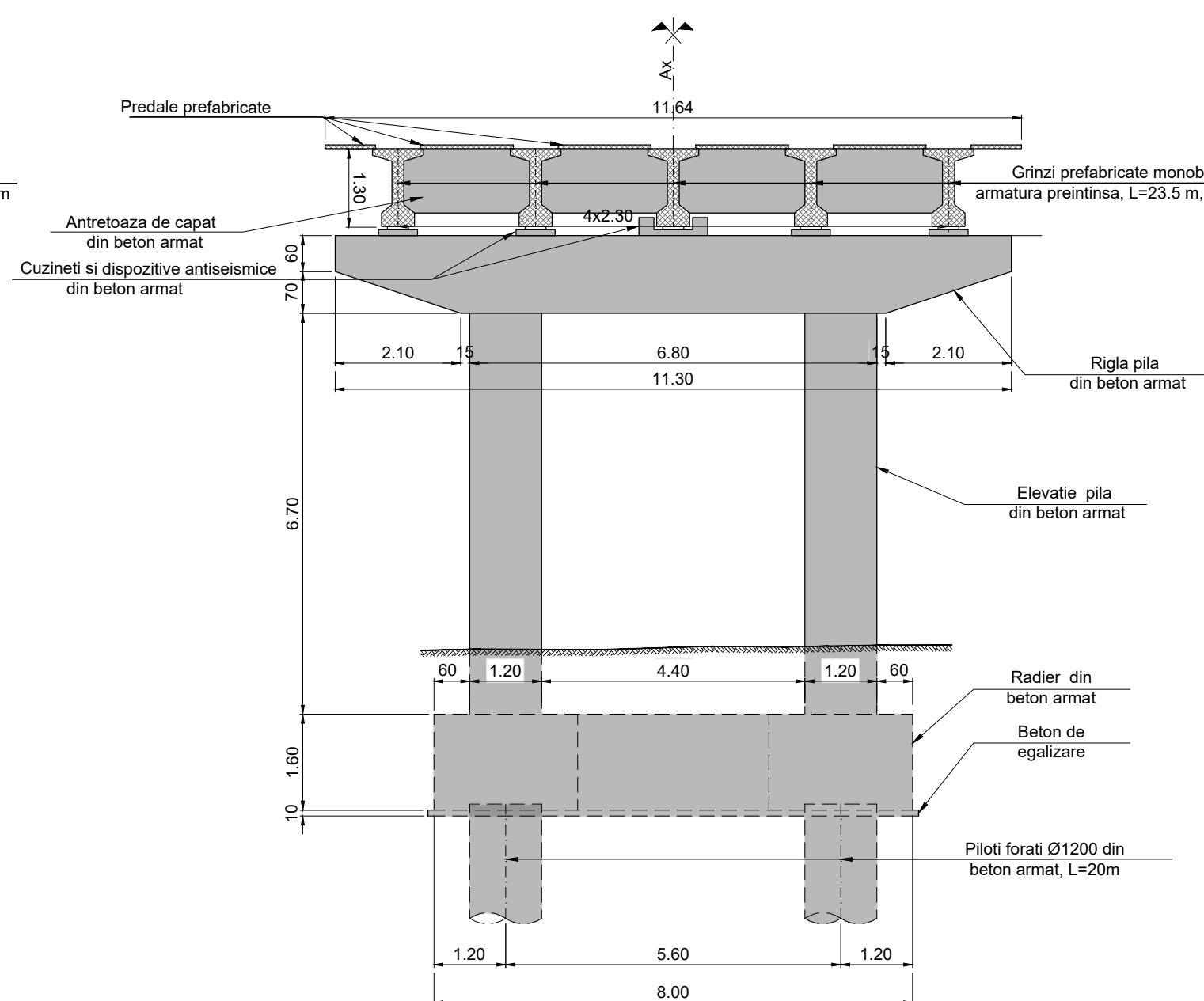
ELEVATIE
VEDERE LATERALA
Sc 1:200



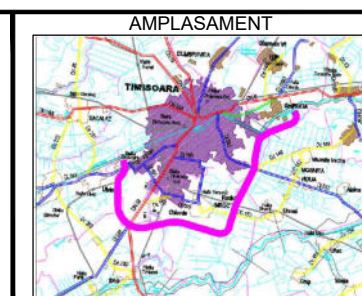
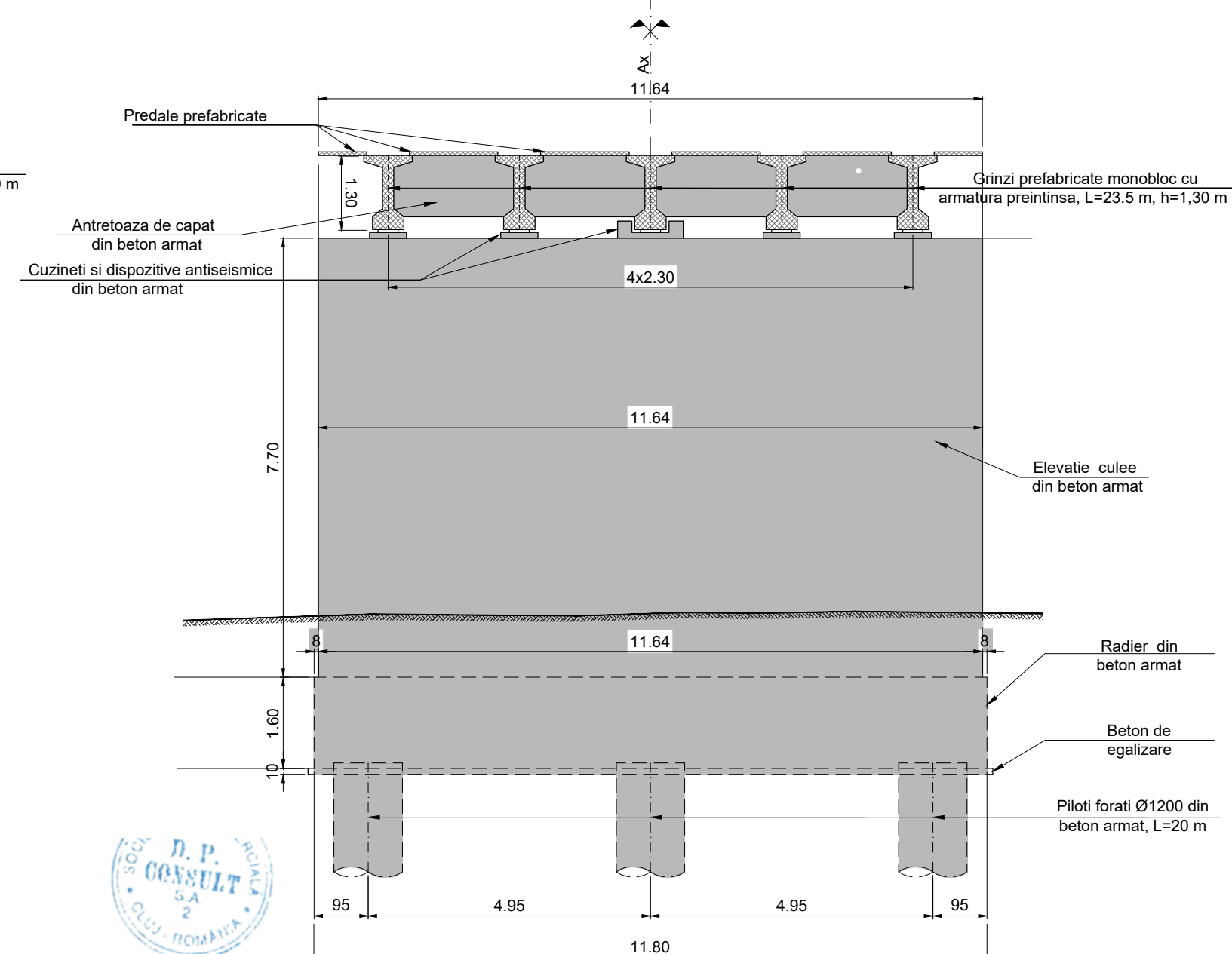
SECTIUNE TRANSVERSALA 1-1
Sc 1:100



SECTIUNE TRANSVERSALA 2-2
Sc 1:100



SECTIUNE TRANSVERSALA 3-3
Sc 1:100

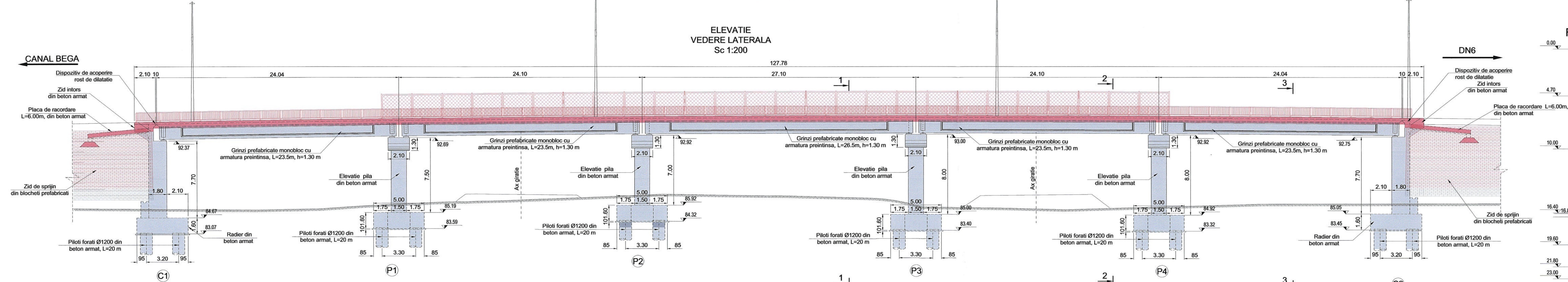
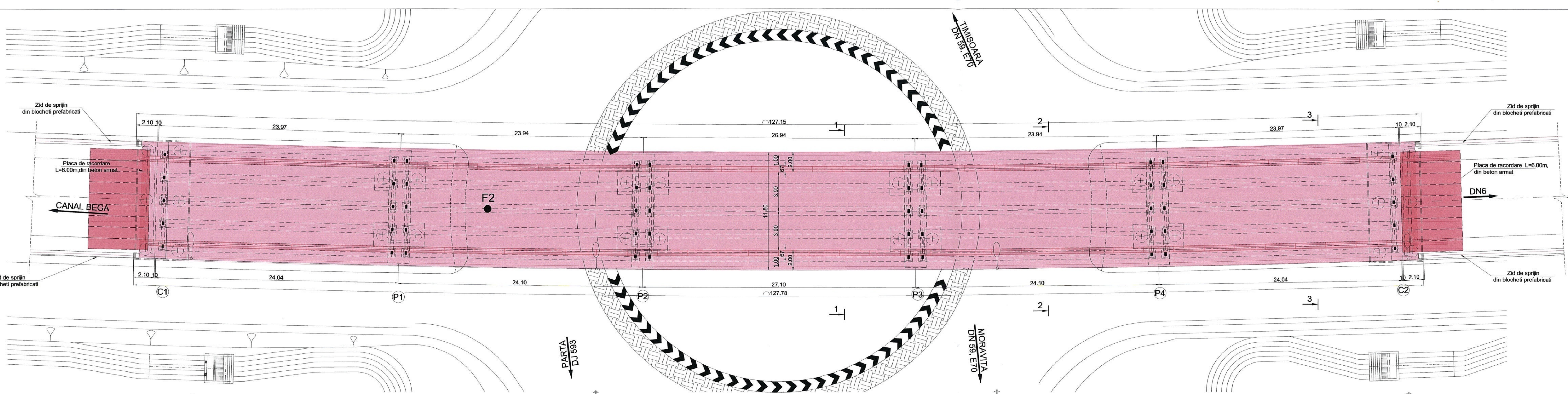


DENUMIRE PROIECT
PROIECTARE SI EXECUTIE
"VARIANTA DE OCULIRE
TIMISOARA SUD"
ELABORARE PROIECT TEHNIC
REST DE EXECUTAT
NUMAR CONTRACT: 550/36/09.02.2023
NUMAR PROIECT: 556

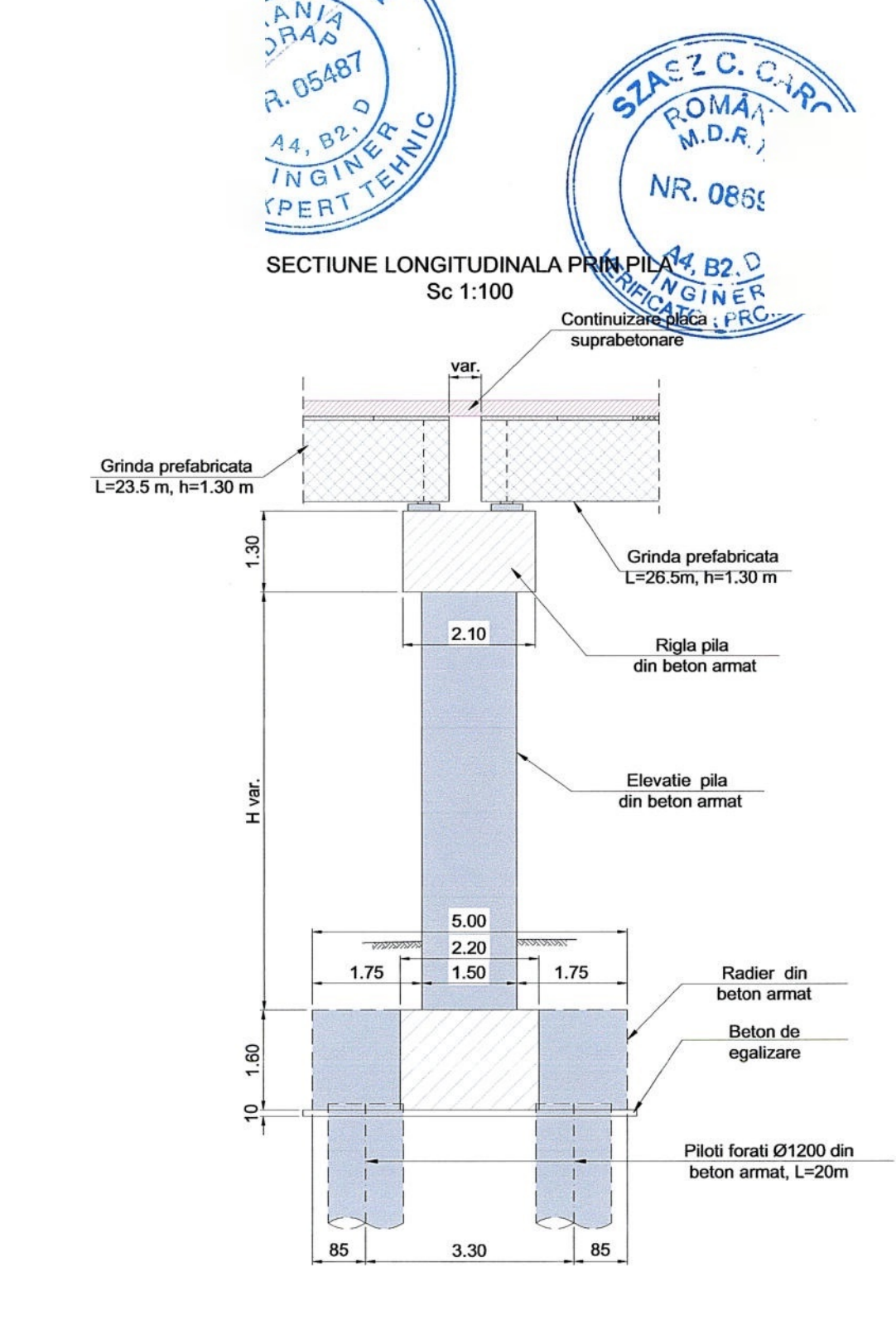
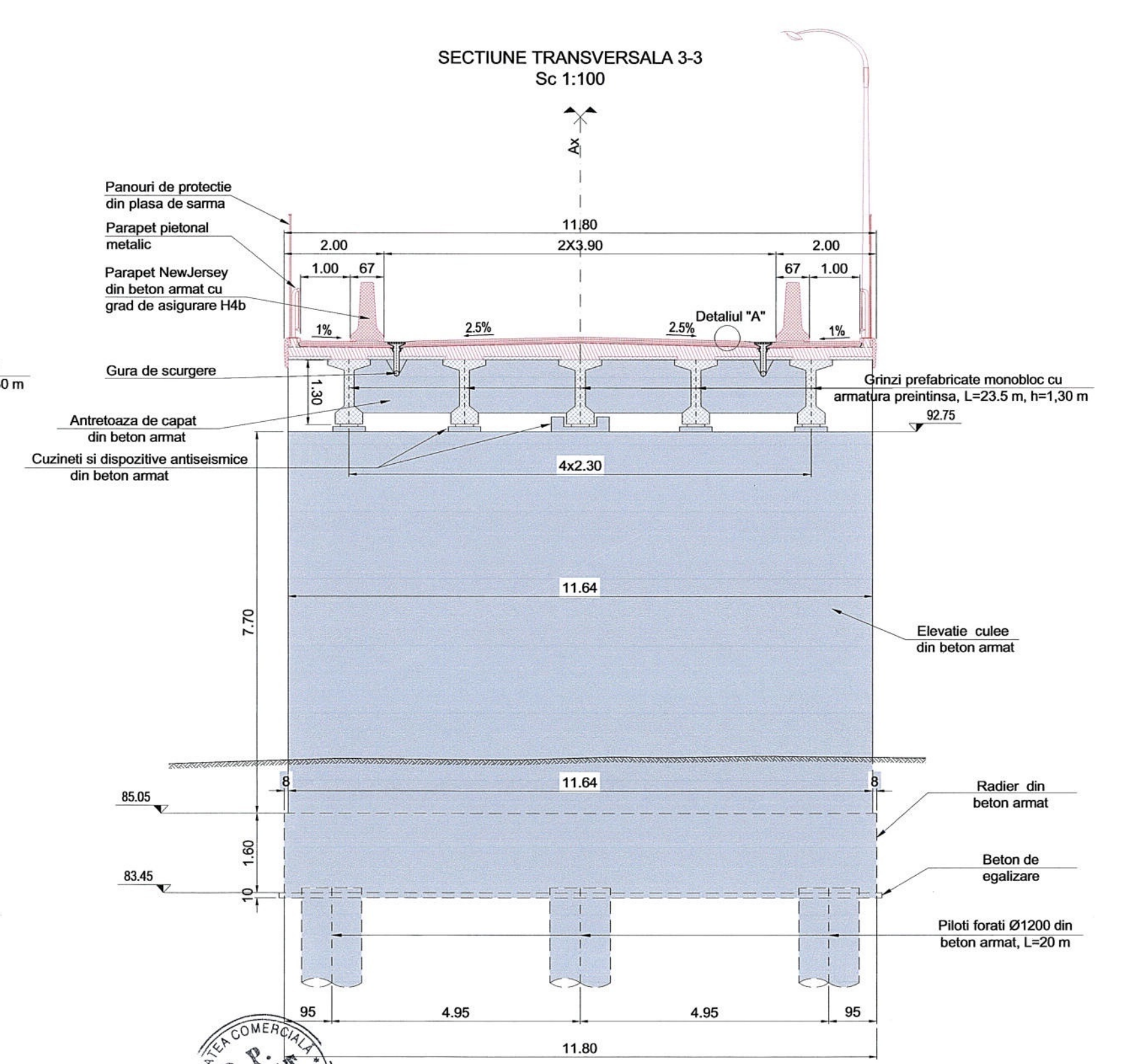
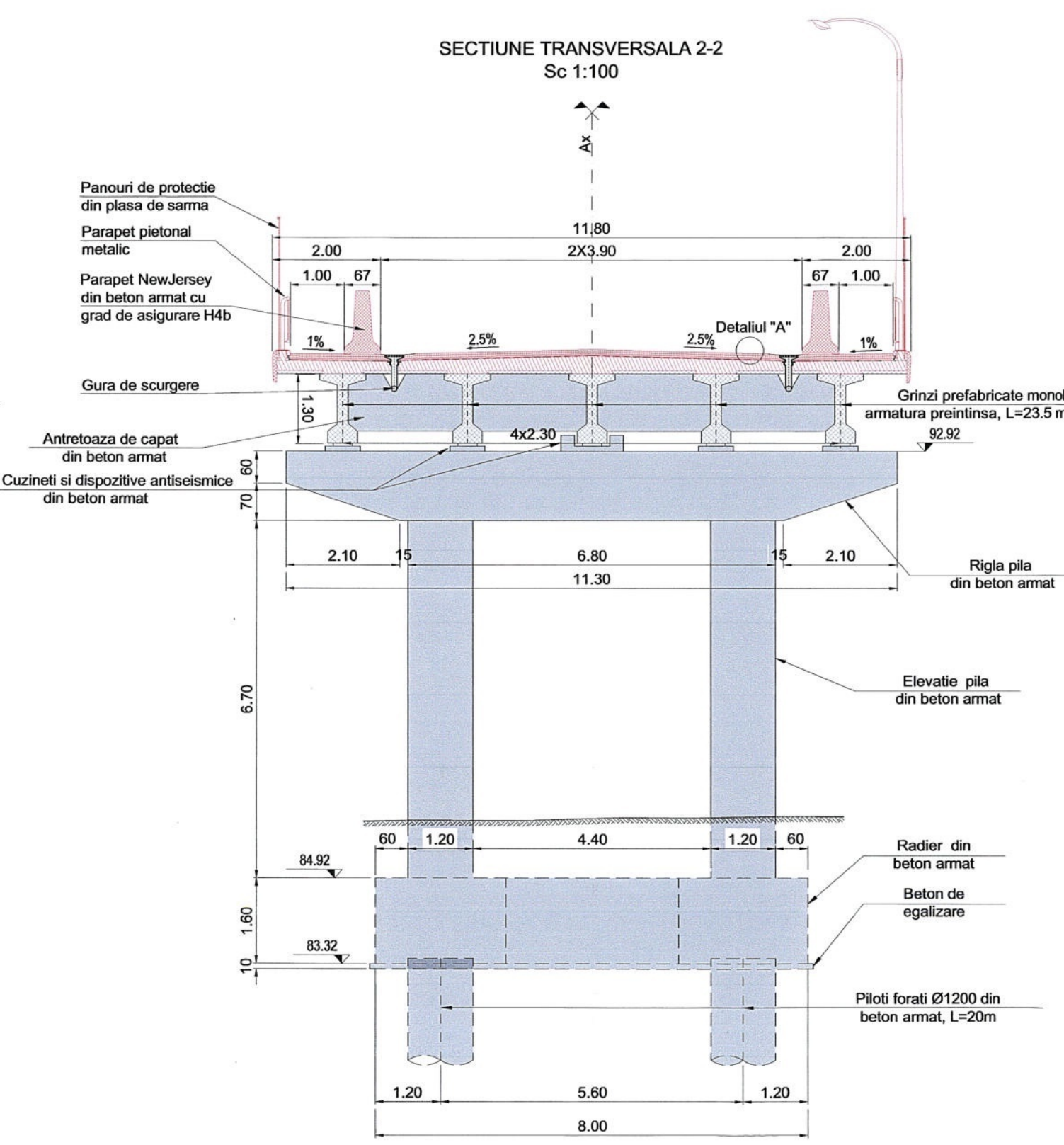
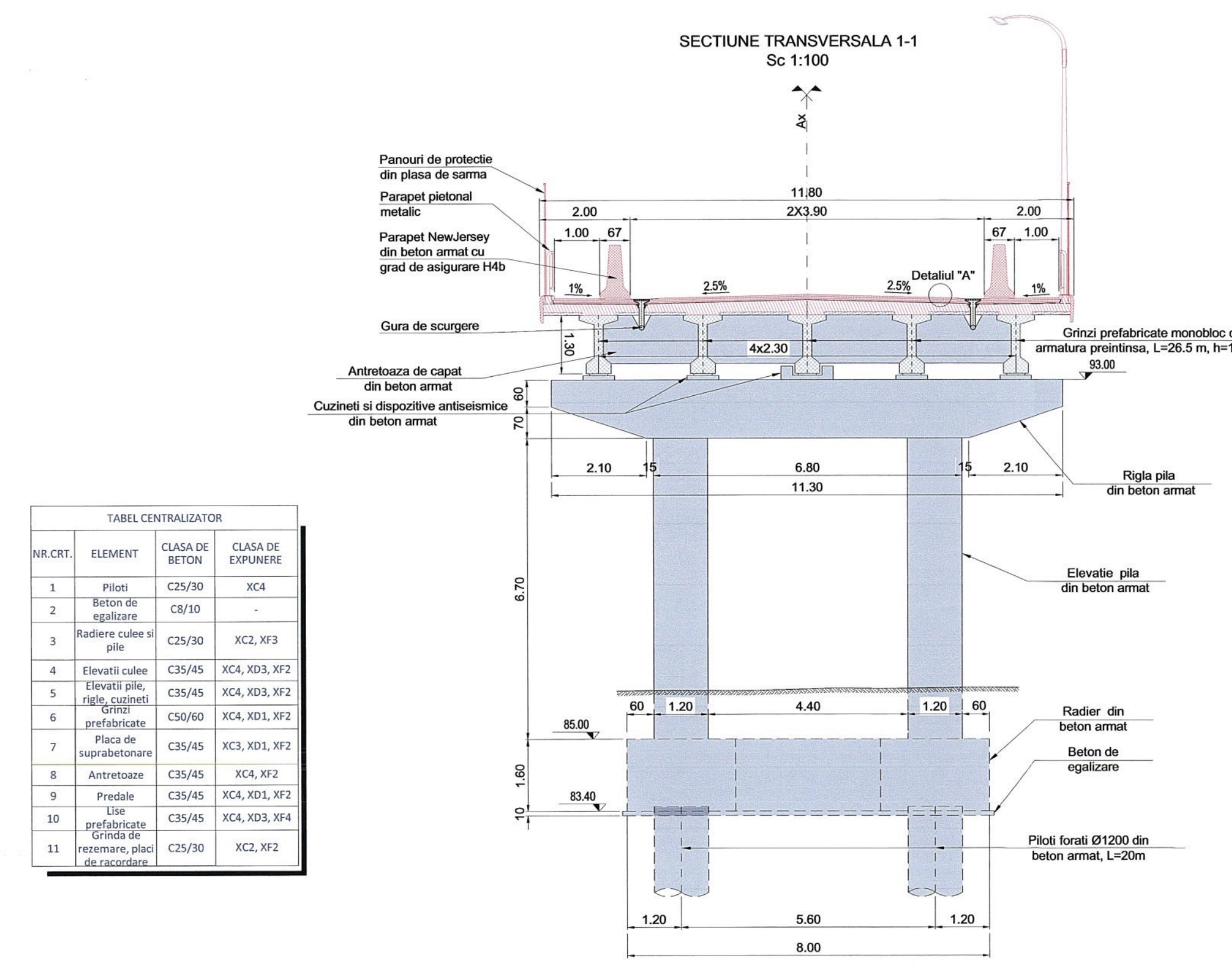
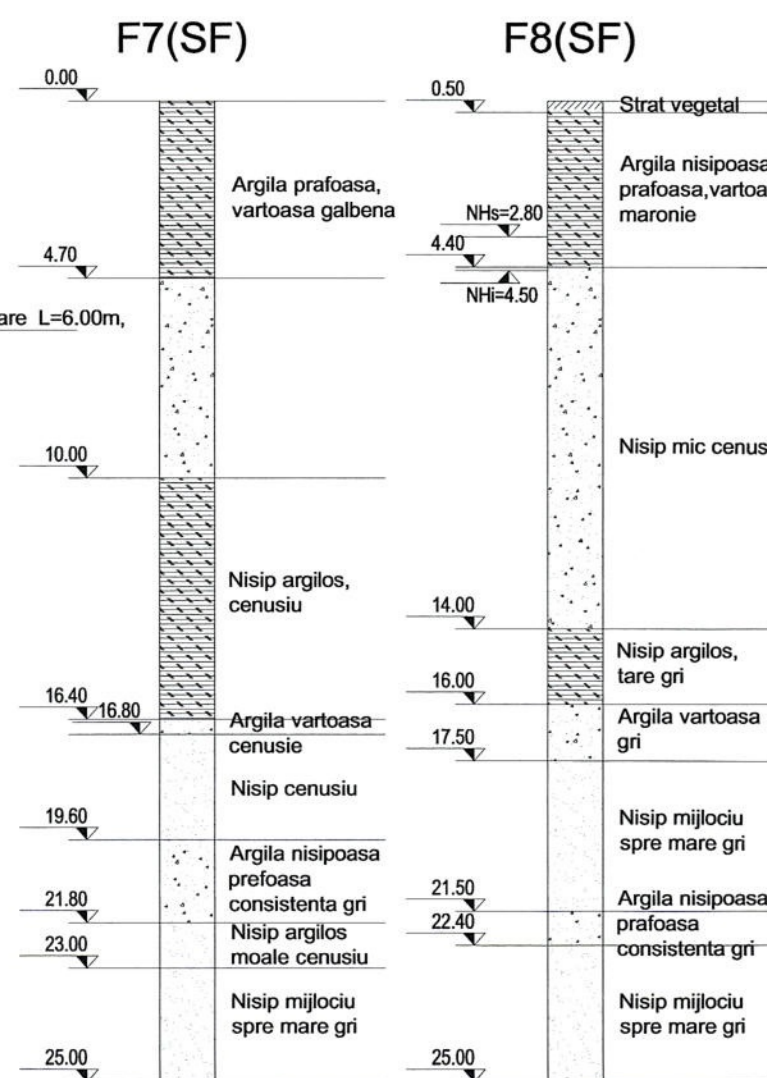
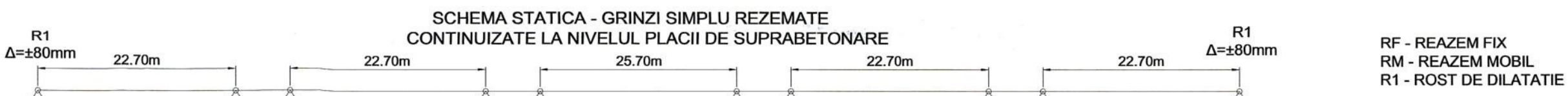
FAZA PROIECT
PROIECT TEHNIC
REST DE EXECUTAT
Data: 03.2023
VERIFICATOR TEHNIC

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

REVIZII			DENUMIRE PLANSA
NR. REV.	DATA	SEM.	
			PASAJ KM 5+366 PESTE DN 59 SI LINEI DE TRAMVAI RELEVU LUCRARI EXECUTATE
			Scara: 1:100 1:200
			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.



TABEL CENTRALIZATOR			
NR.CRT.	ELEMENT	CLASA DE BETON	CLASA DE EXPUNERE
1	Piloni	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, cuzineti	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 racordare, 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 injectari cu mortare speciale sau rasini epoxidice;
- Toate elementele de beton vor fi protejate anticoroziv;



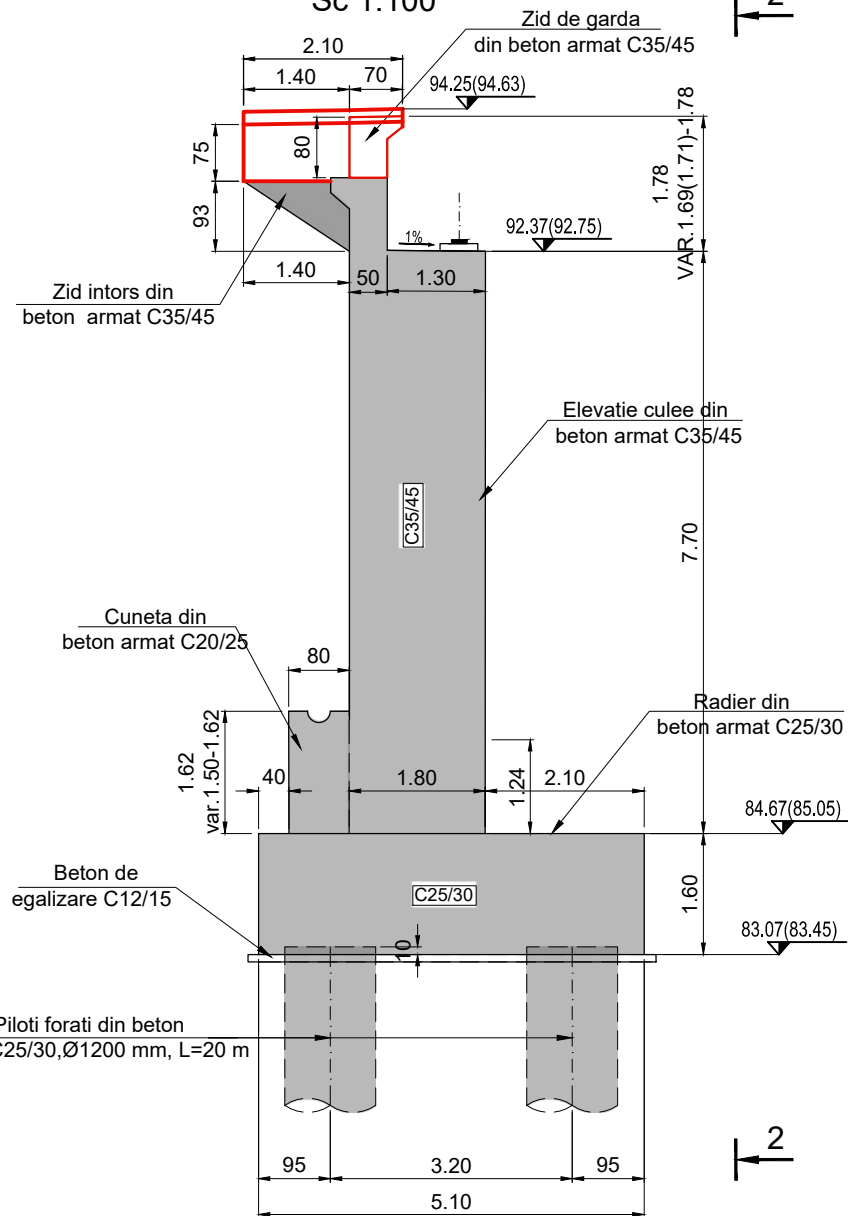
NUMAR PROIECT : 556

FAZA PROIECT
PROIECT TEHNIC
REST DE EXECUTAT

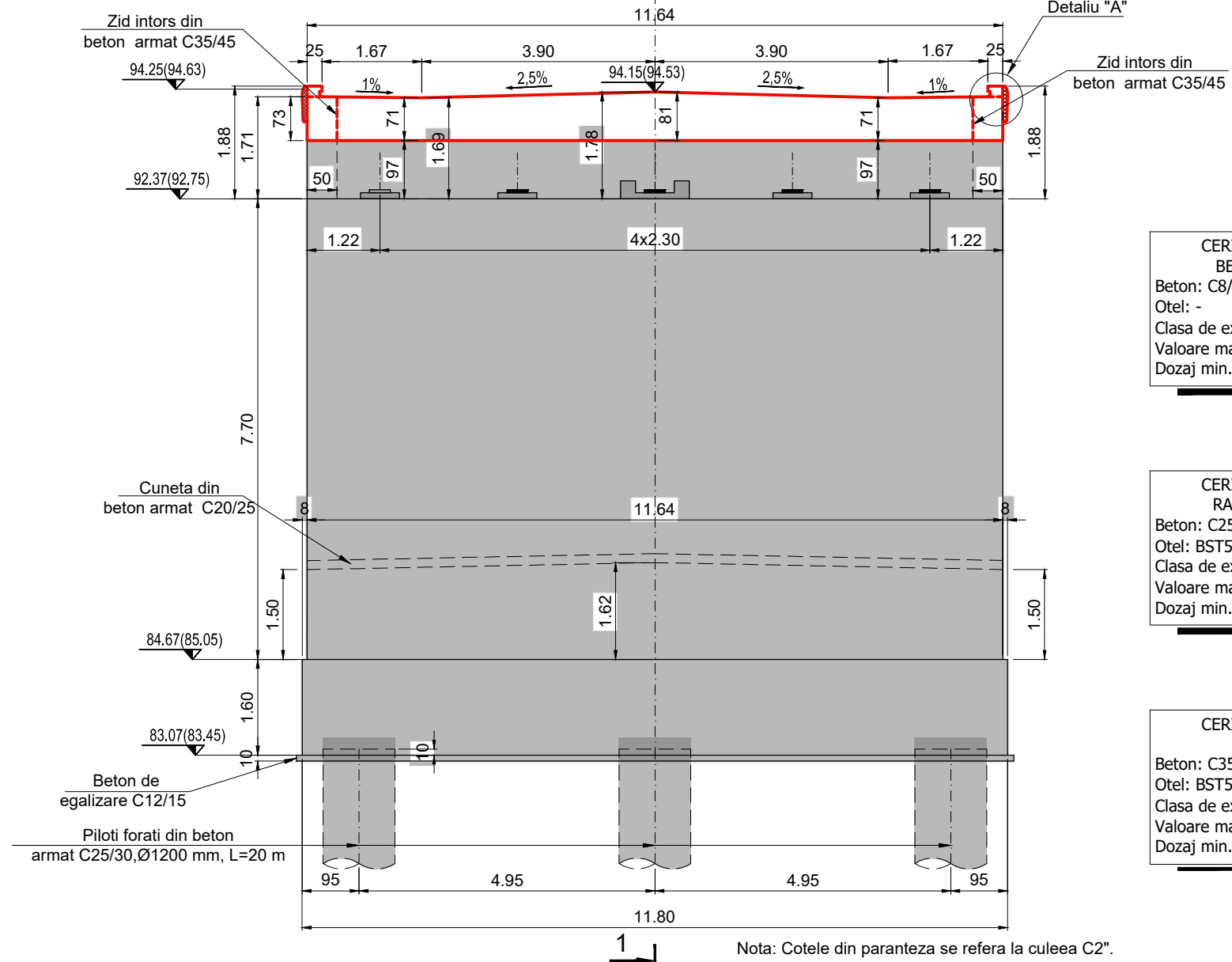
Manager de Proiect
ing. Silvan Moldovan
Sef Echipa Proiectare
ing. Raul Codis
Inginer Proiectant Poduri
ing. Attila Takacs
Inginer Proiectant
ing. Tudor Hoda

REVISII
NR. REV. DATA SEMN.
DENUMIRE PLANS
PASAJ KM 5+366 PESTE DN 59 SI
LINII DE TRAMVAI
DISPOZITIE GENERALA
Scara : 1:100 1:200
NUMAR PLANS
10036-VOTM-STR04-DG-01

SECTIUNE 1-1
Sc 1:100



VEDERE DIN FATA 2-2
Sc 1:100



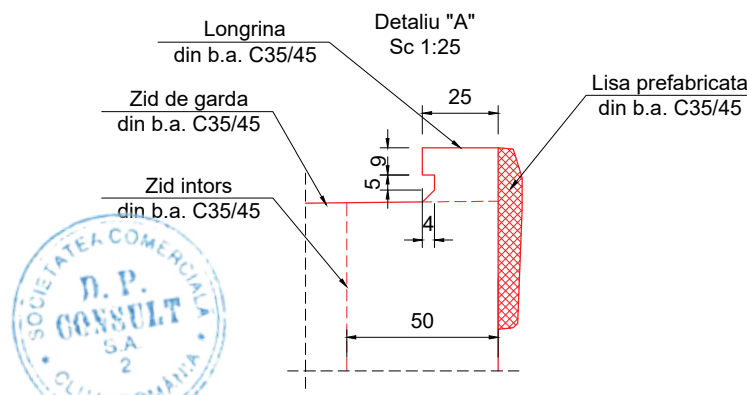
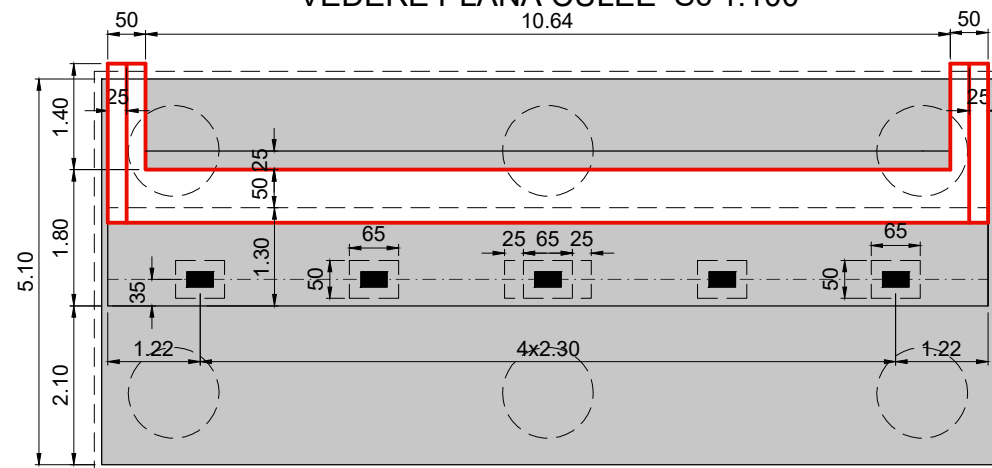
**CERINTE DE CALITATE
BETON EGALIZARE**
Beton: C8/10
Otel: -
Clasa de expunere: -
Valoare max. A/C: -
Dozaj min. ciment: -

**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

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

VEDERE PLANA CULEE Sc 1:100



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.

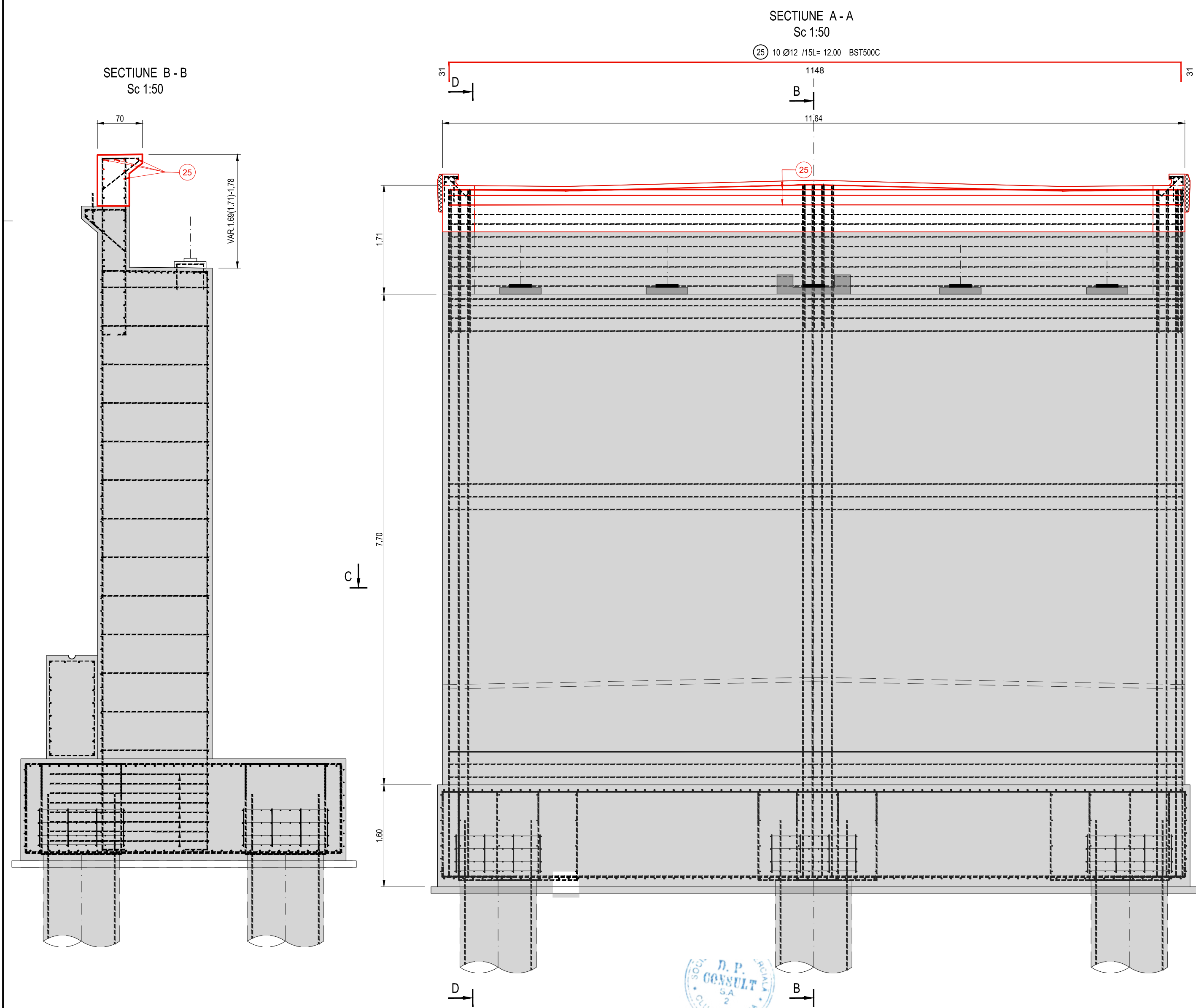
DENUMIRE PLANSĂ

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

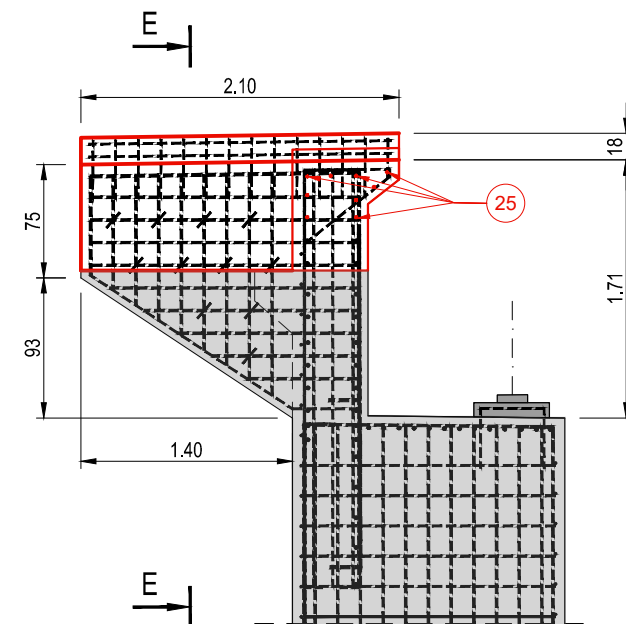
Scara : 1:25, 1:100

NUMAR PLANSĂ

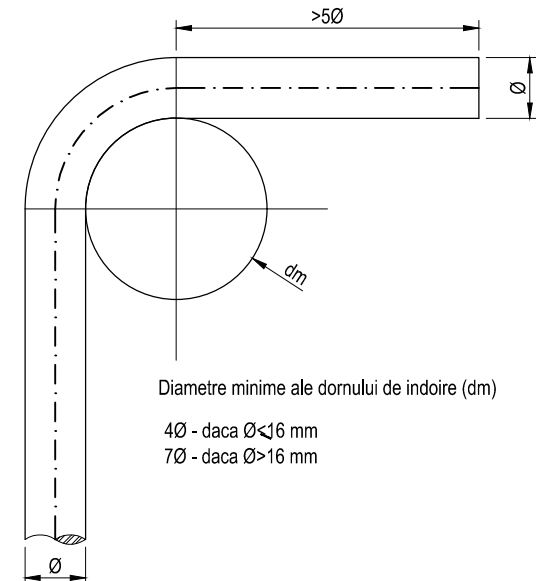
10036-VOTM-STR04-Ci-01



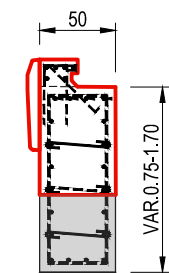
SECTIUNE D - D PRIN ZID INTORS
Sc 1:50



DETALIU DE INDOIRE ARMATURI
CONFORM SR EN 1992-1
Sc 1:2



SECTIUNE E - E
Sc 1:50



EXTRAS DE ARMATURA PENTRU O CULEE

MARCA	DIAMETRU	NR BUCATI	LUNGIMI (m)	
			bucata	/diametru
25	12	10	12.00	120.00
LUNGIMI TOTALE(m)			120.00	120.00
MASA (kg)	/metru		0.889	
	/diametru		106.67	
	totala		106.67	

CANTITATE TOTALA DE ARMATURA PENTRU ELEMENTE ASEMENEA		
CANTITATE / ELEMENT	NR. ELEMENTE / STRUCTURA	TOTAL / STRUCTURA
107.67000	2	215.34000

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




CERINTE DE CALITATE
RADIERE/FUNDATII
Beton: C25/30
Otel: BST500C
Clasa de expunere: XC2, XF3.
Valoare max. A/C: 0.55³
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: 320³ Kg/m³

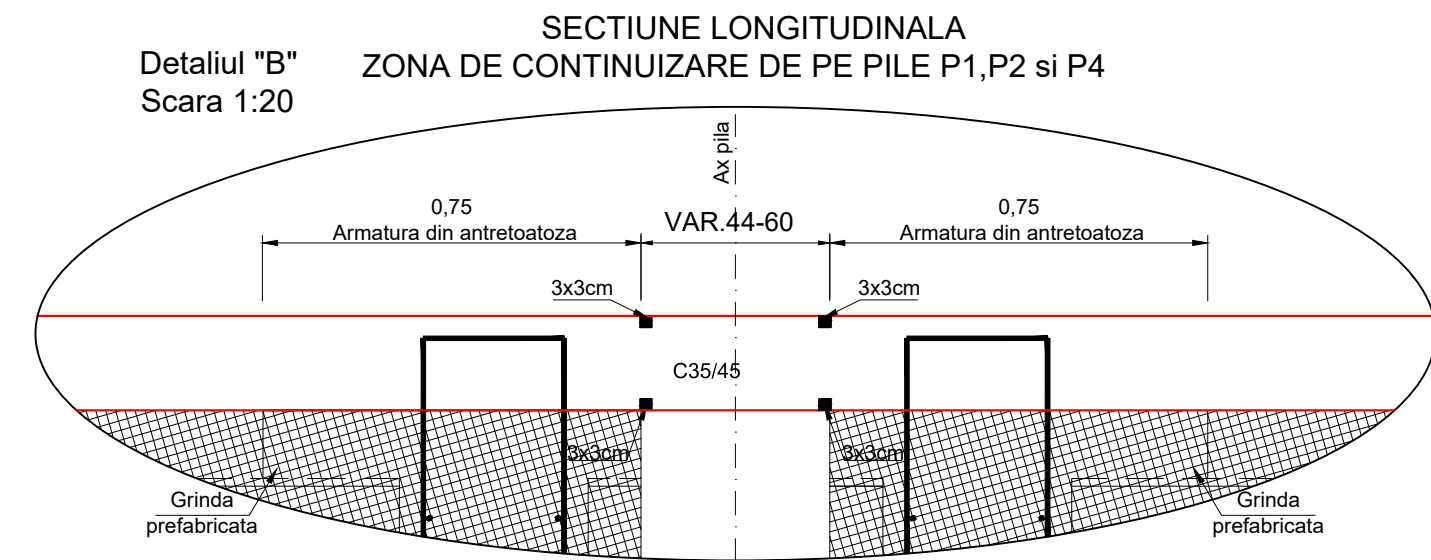
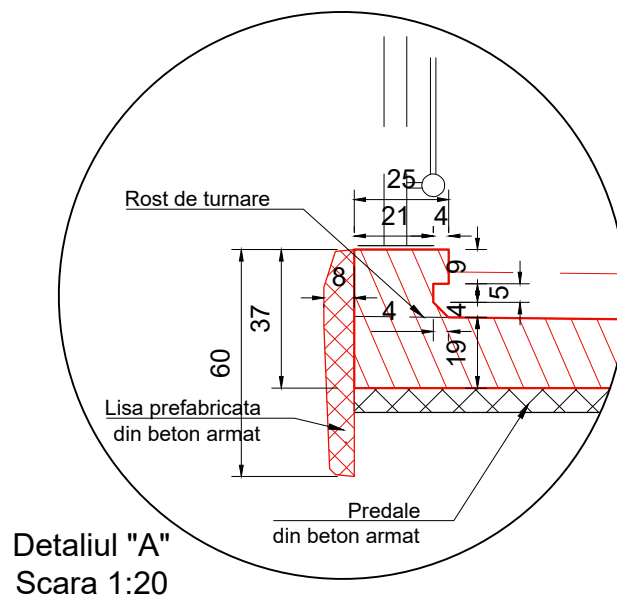
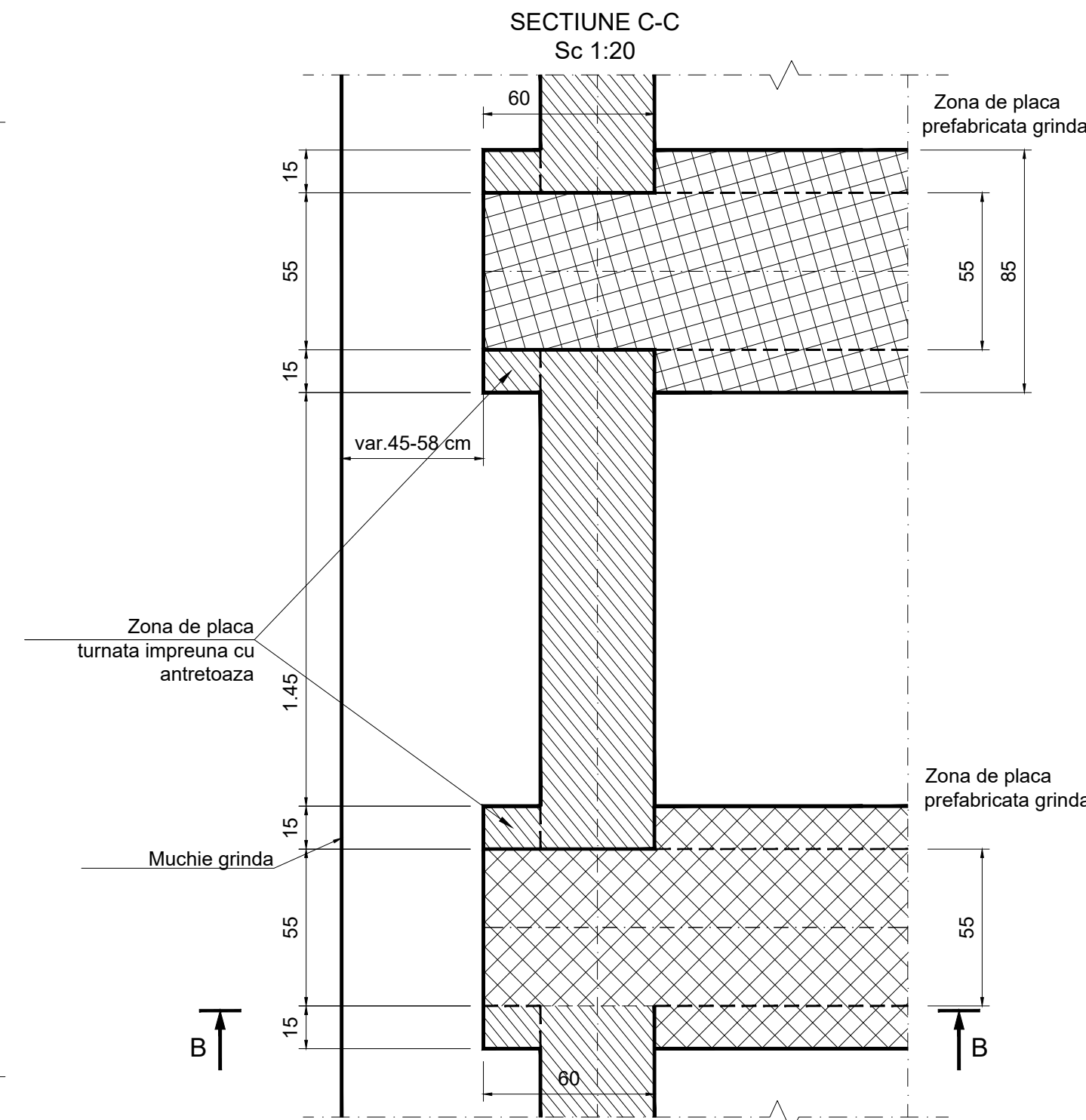
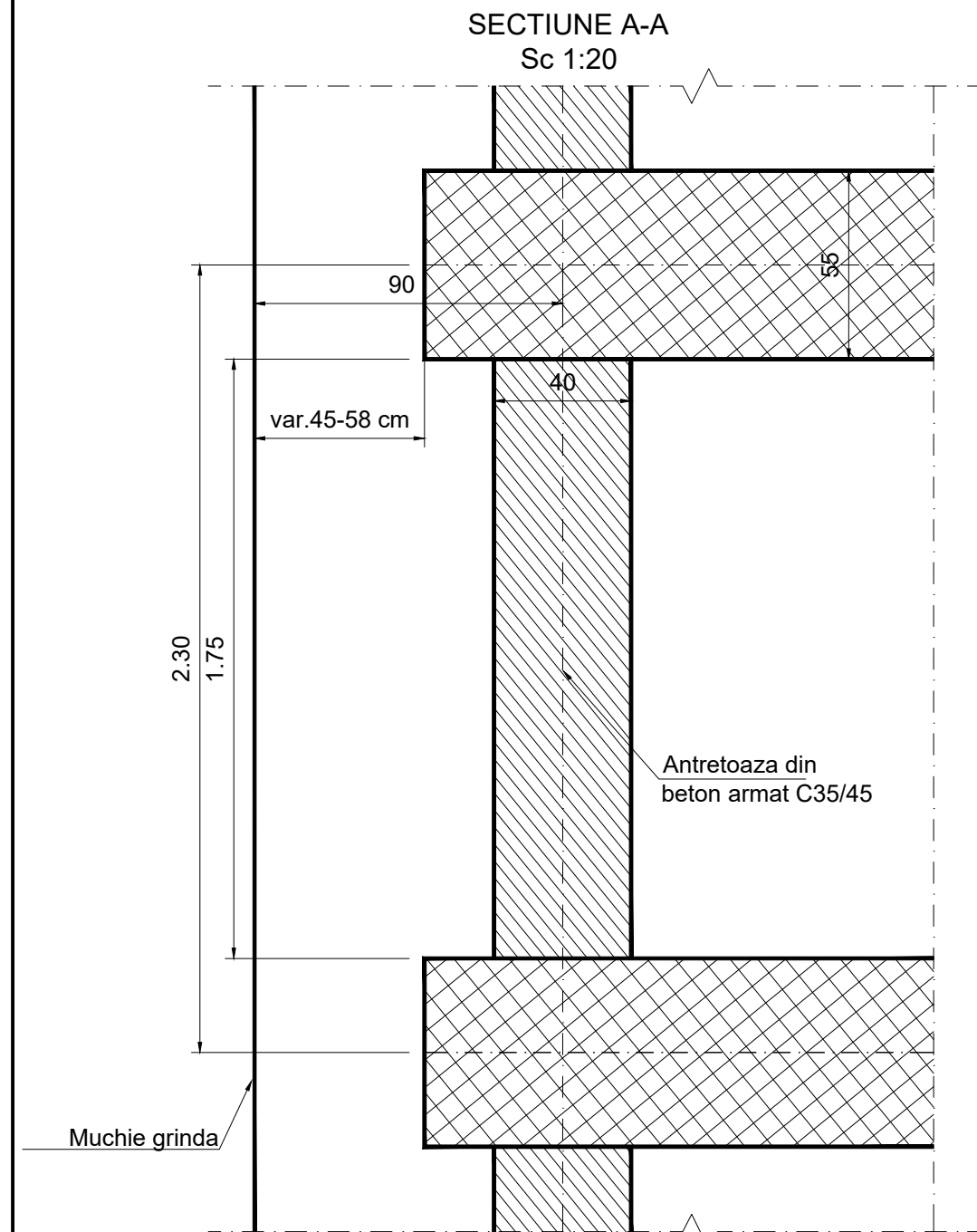
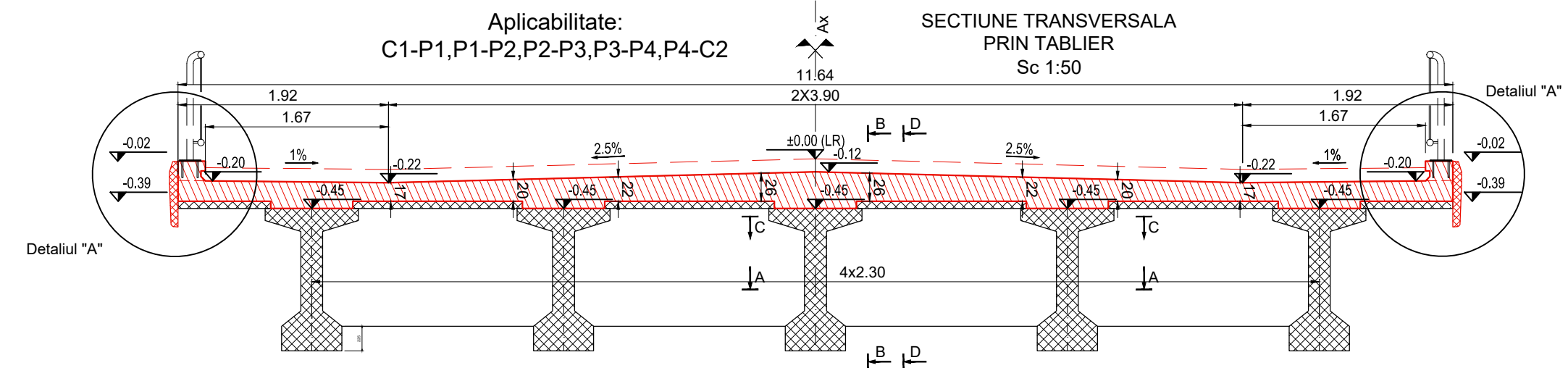
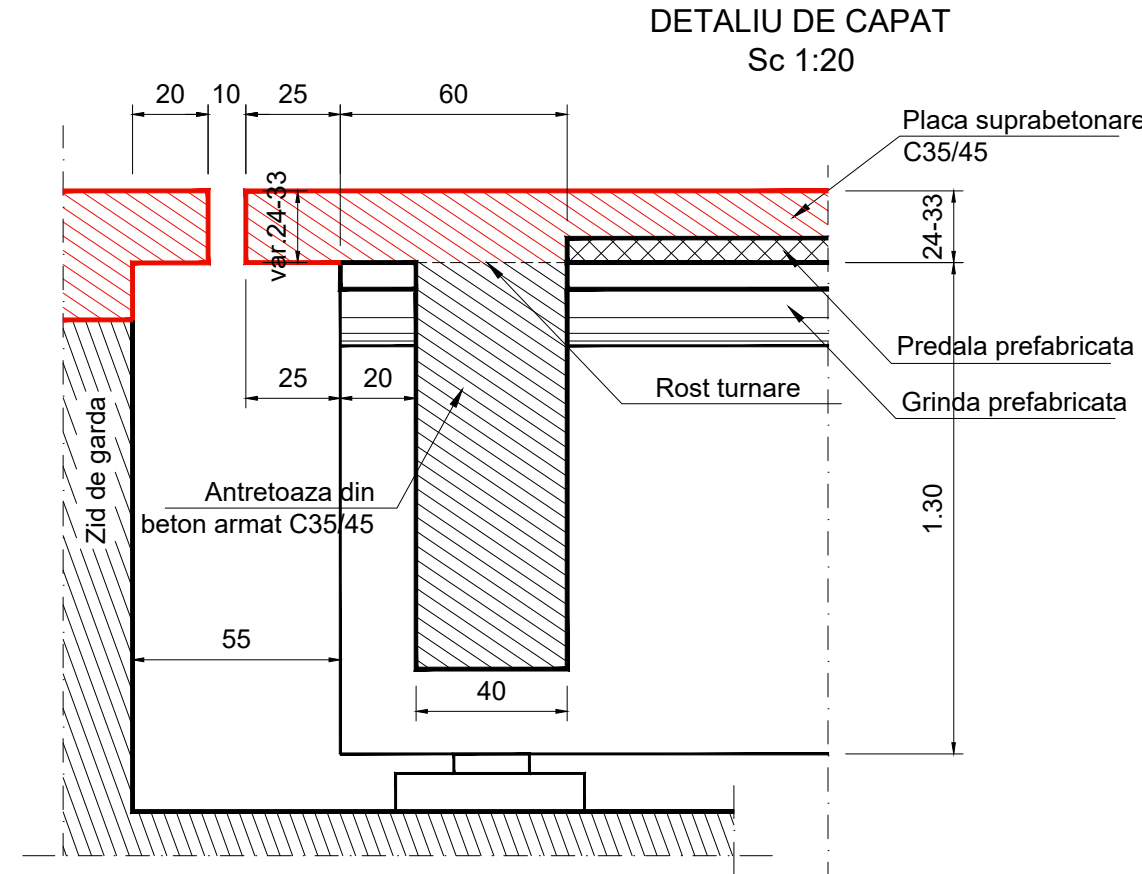
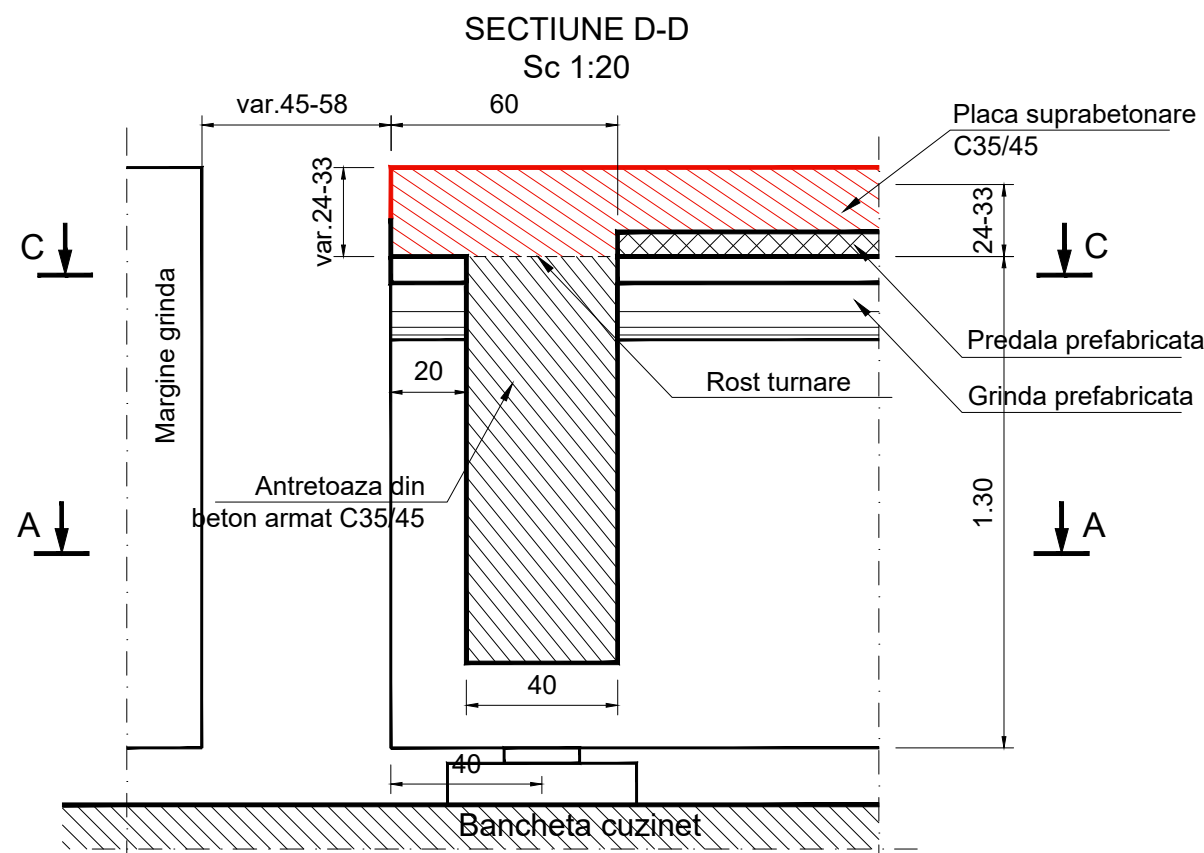
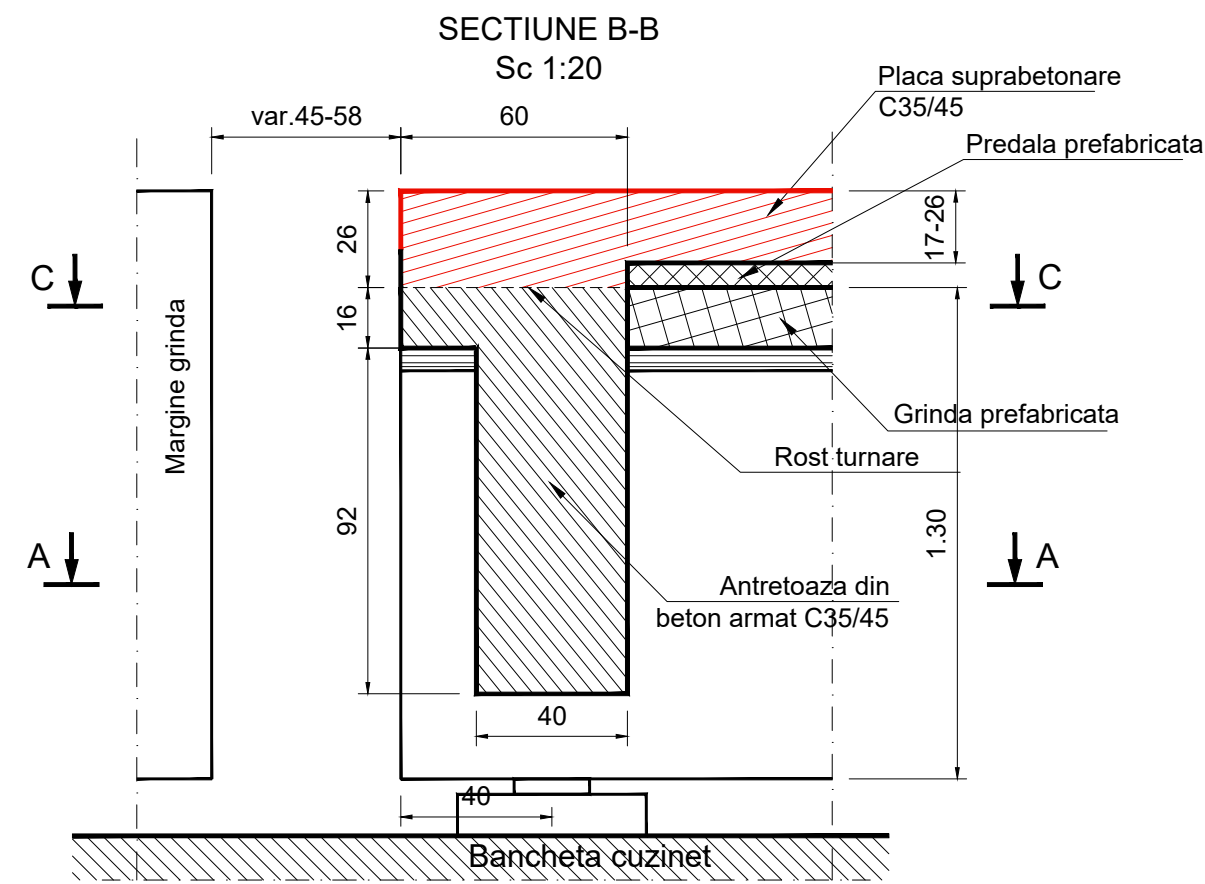
LEGENDA:

REALIZAT-
NEREALIZAT-

NOTA:
- Stratul minim de acoperire este 5cm;
- Toate dimensiunile barelor sunt date in ax;
- Constructorul are obligatia de a verifica proiectul inainte de a proceda la executie si de a comunica proiectantului orice nepotrivire, eroare sau neclaritate pentru a face corectiile sau clarificarile necesare.

<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</div> <div>"VARIANTA DE OCOLIRE</div> <div>TIMISOARA SUD"</div> <div>ELABORARE PROIECT TEHNIC</div> <div>REST DE EXECUTAT</div>	<div>FAZA PROIECT</div> <div>PROIECT TEHNIC</div> <div>REST DE EXECUTAT</div>	<div>Manager de Proiect</div> <div>ing. Silivan Moldovan</div>
			<div>NUMAR CONTRACT: 550/36/09.02.2023</div>	<div>Data : 03.2023</div>	<div>Inginer Proiectant Poduri</div> <div>ing. Attila Takacs</div>
			<div>NUMAR PROIECT : 556</div>	<div>VERIFICATOR TEHNIC</div>	<div>Inginer Proiectant</div> <div>ing. Tudor Hoda</div>

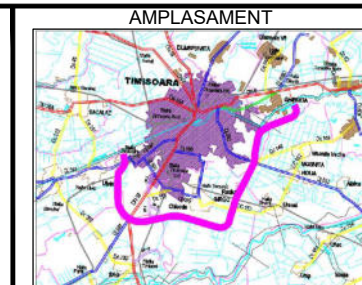
REVIZII			DENUMIRE PLANSA
NR. REV.	DATA	SEM.	
			PASAJ KM 5+366 PESTE DN 59 SI LINII DE TRAMVAI PLAN ARMARE RADIERE SI ELEVATII CULEI "C1 SI C2"
			Scara : 1:2 1:50
			NUMAR PLANSA
			10036-VOTM-STR04-AI-05



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

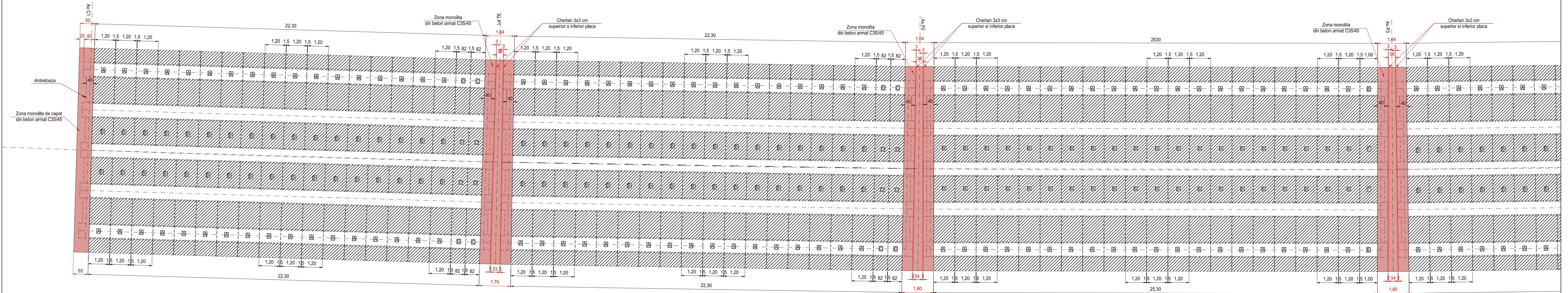
REVIZII		
NR. REV.	DATA	SEM.

DENUMIRE PLANSA
PASAJ KM 5+366 PESTE DN 59 SI
LINII DE TRAMVAI
PLAN COFRAJ
PLACA DE SUPRABETONARE

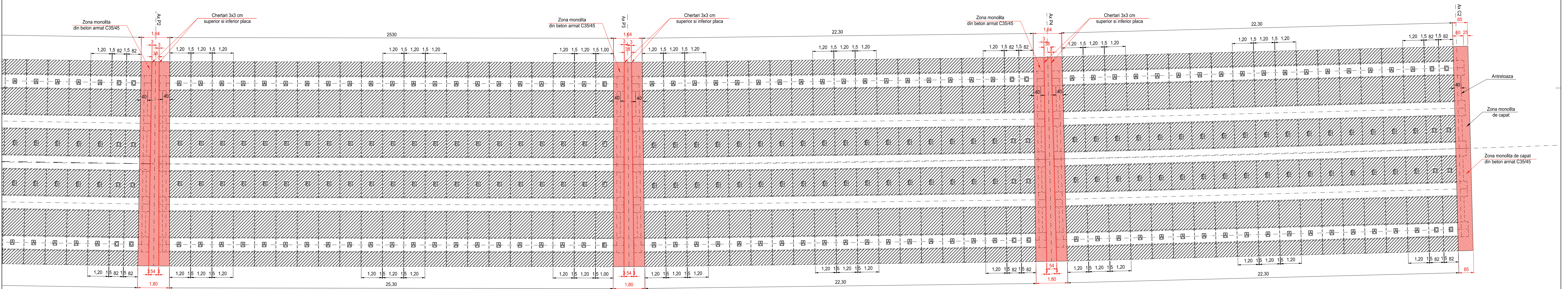
Scara: 1:50 1:20

NUMAR PLANSA
10036-VOTM-STR04-CS-01

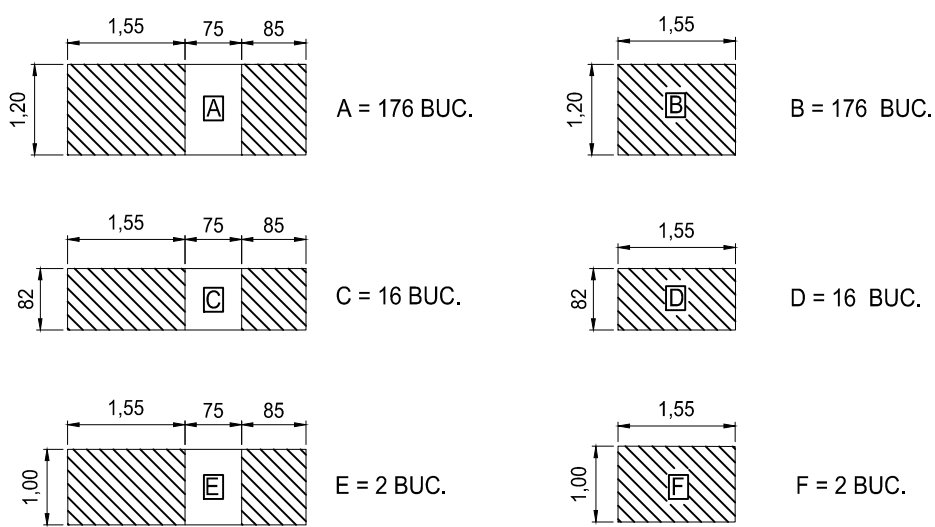
VEDERE PLANA DISPUNERE PREDALE PREFABRICATE
Sc 1:100



VEDERE PLANA DISPUNERE PREDALE PREFABRICATE
Sc 1:100





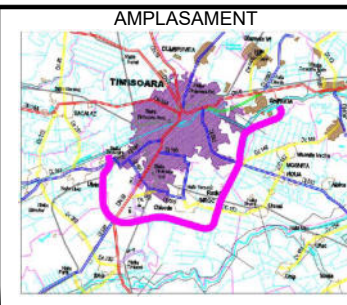
LEGENDA - PREDALE PREFABRICATE

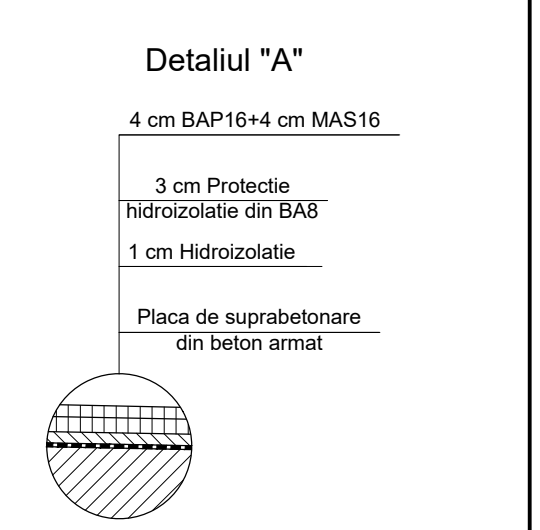
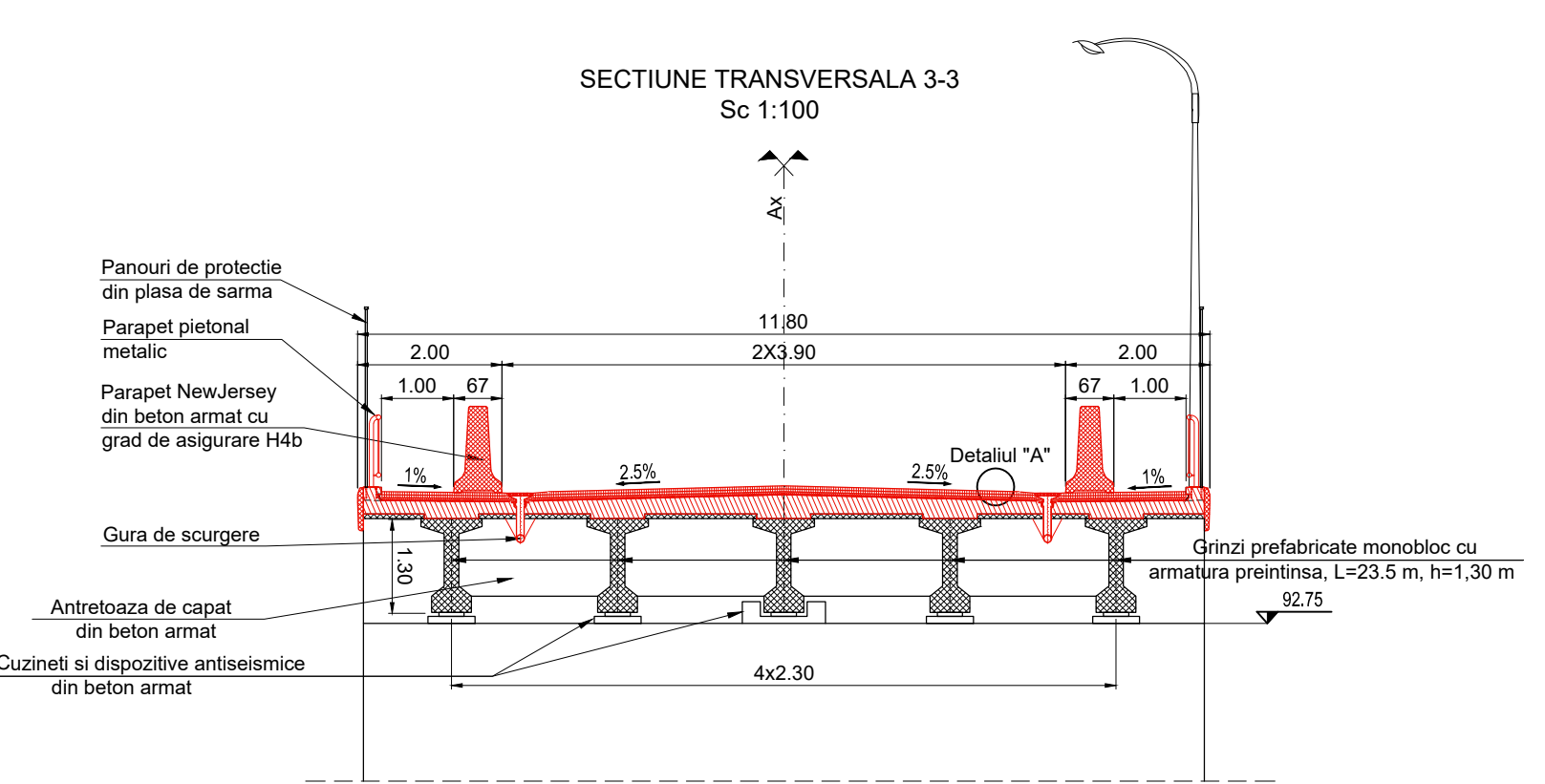
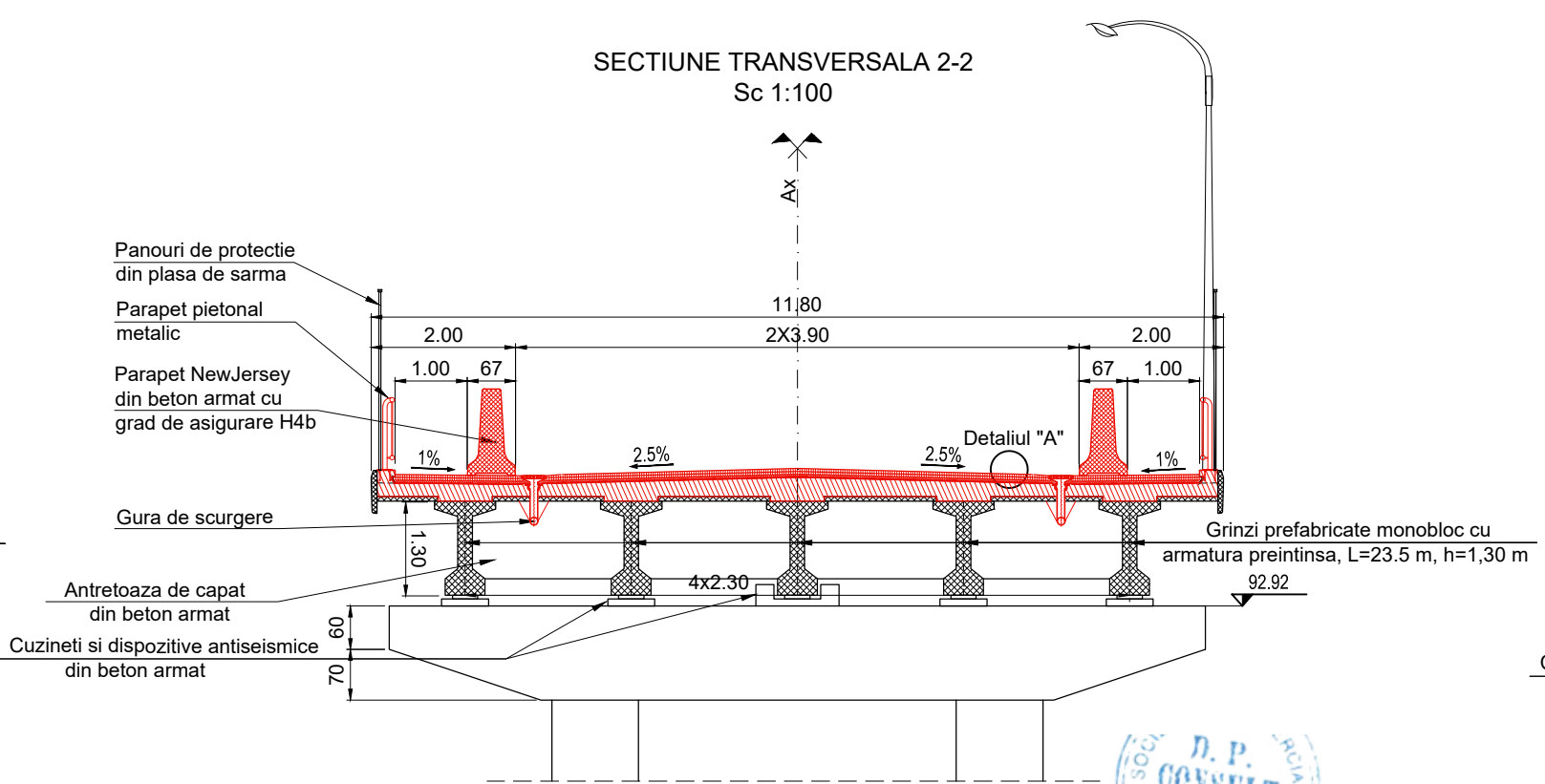
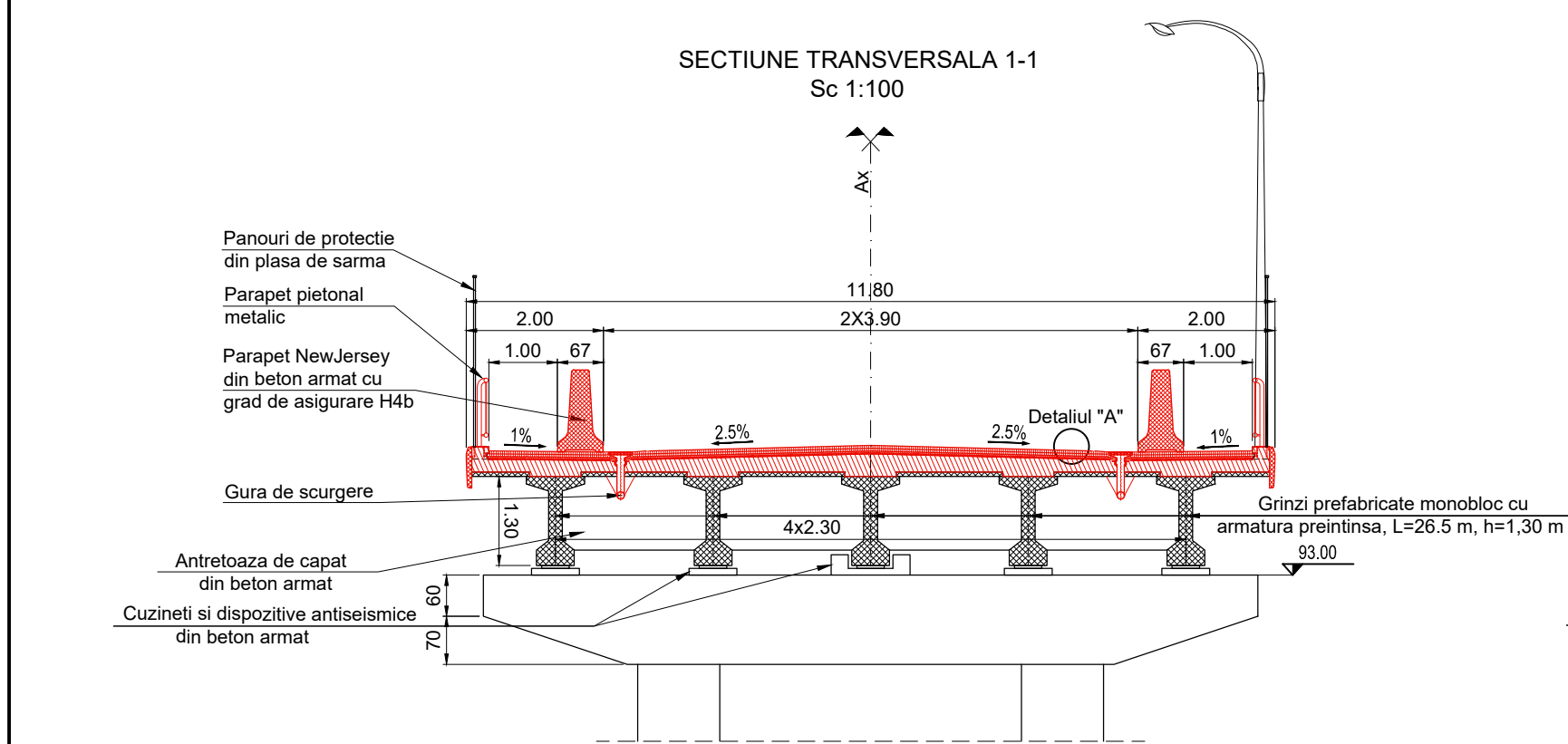
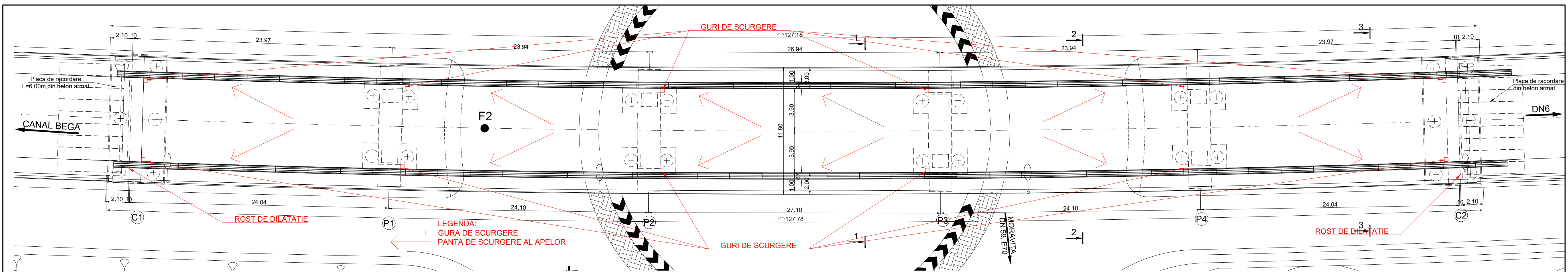


TOTAL 388 buc.

LEGENDA:

REALIZAT-
NEREALIZAT-

<div>INVESTITOR</div> <div></div> <div>COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII ROTUNDARE SA</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</div> <div>"VARIANTA DE OCOLIRE</div> <div>TIMISOARA SUD"</div> <div>ELABORARE PROIECT TEHNIC</div> <div>REST DE EXECUTAT</div>		<div>FAZA PROIECT</div> <div>PROIECT TEHNIC</div> <div>REST DE EXECUTAT</div>		<div>Manager de Proiect</div> <div>ing. Silvan Moldovan</div> <div>Sef Echipa Proiectare</div> <div>ing. Raul Cocis</div>		<div>REVIZUI</div> <div>DENUMIRE PLANSA</div>		
			<div>NUMAR CONTRACT: 55036/09.02.2023</div>		<div>Data : 03.2023</div>		<div>Inginer Proiectant Poduri</div> <div>ing. Attila Takacs</div> <div>Inginer Proiectant</div> <div>ing. Tudor Hoda</div>		<div>NR. REV.</div> <div>DATA</div> <div>SEMN.</div> <div>PASAJ KM 5+366 PESTE DN 59 SI LINII DE TRAMVAI PLAN DISPUNERE PREDALE</div>		
			<div>NUMAR PROIECT : 556</div>		<div>VERIFICATOR TEHNIC</div>				<div>Scara : 1:100</div> <div>NUMAR PLANSA</div> <div>10036-VOTM-STR04-CS-02</div>		



LEGENDA:

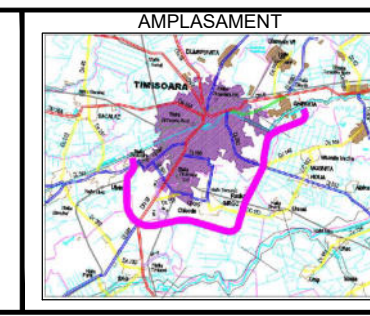
REALIZAT-	
NEREALIZAT-	

INVESTITOR

COMPANIA NATIONALA DE ADMINISTRARE
A INFRASTRUCTURII RUTIERE S.A.

PROIECTANT GENERAL

D.P. CONSULT S.A.



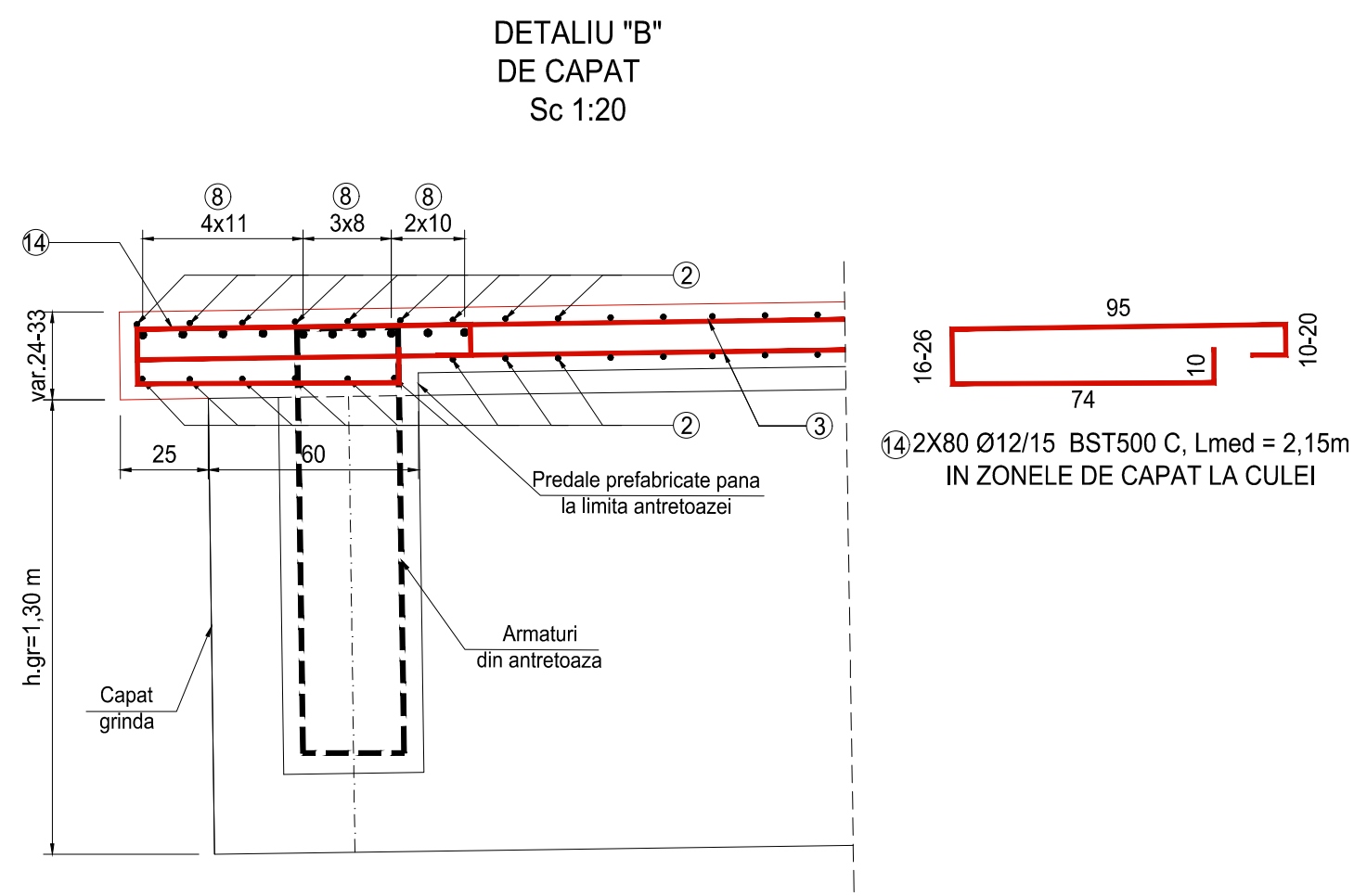
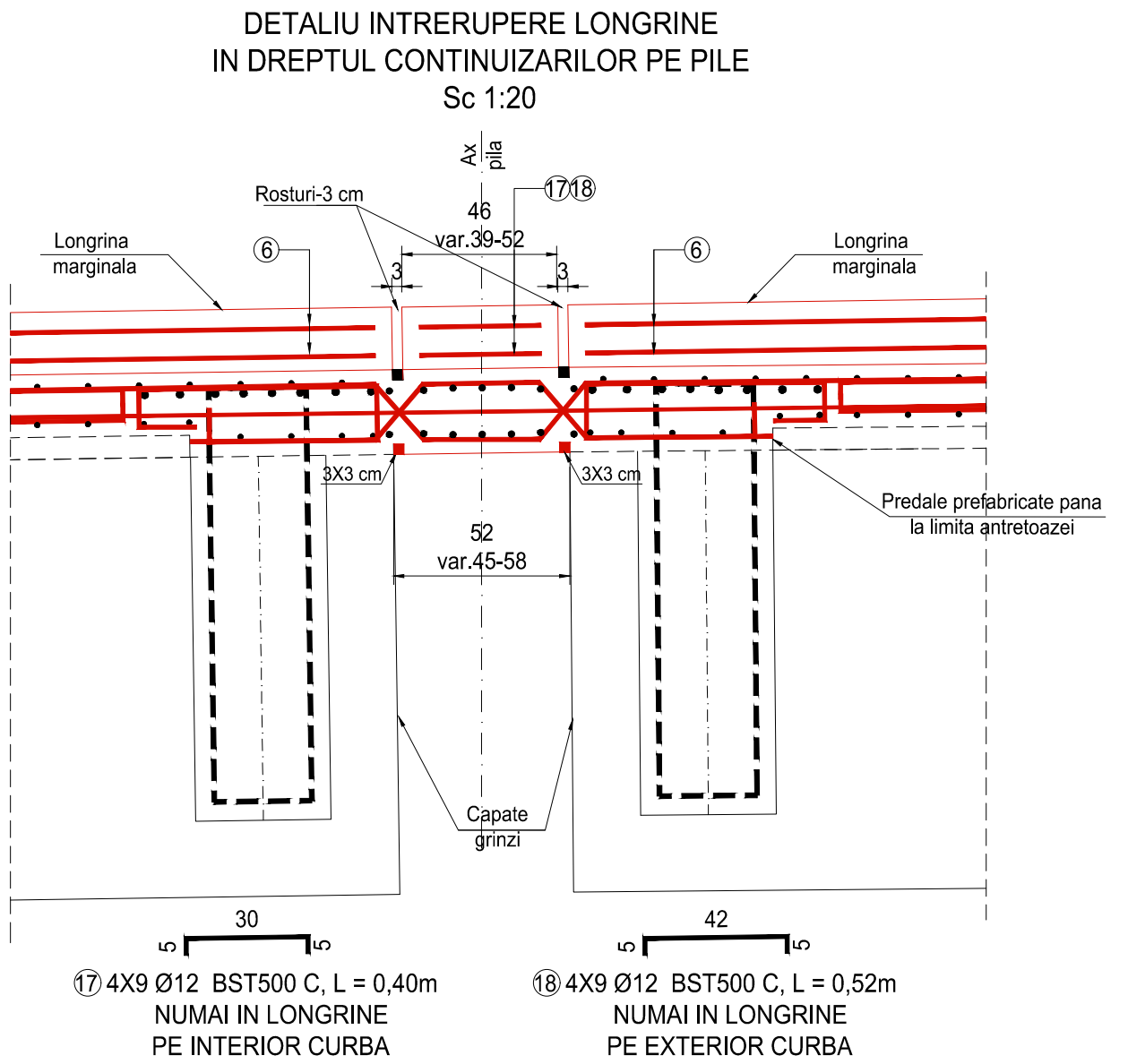
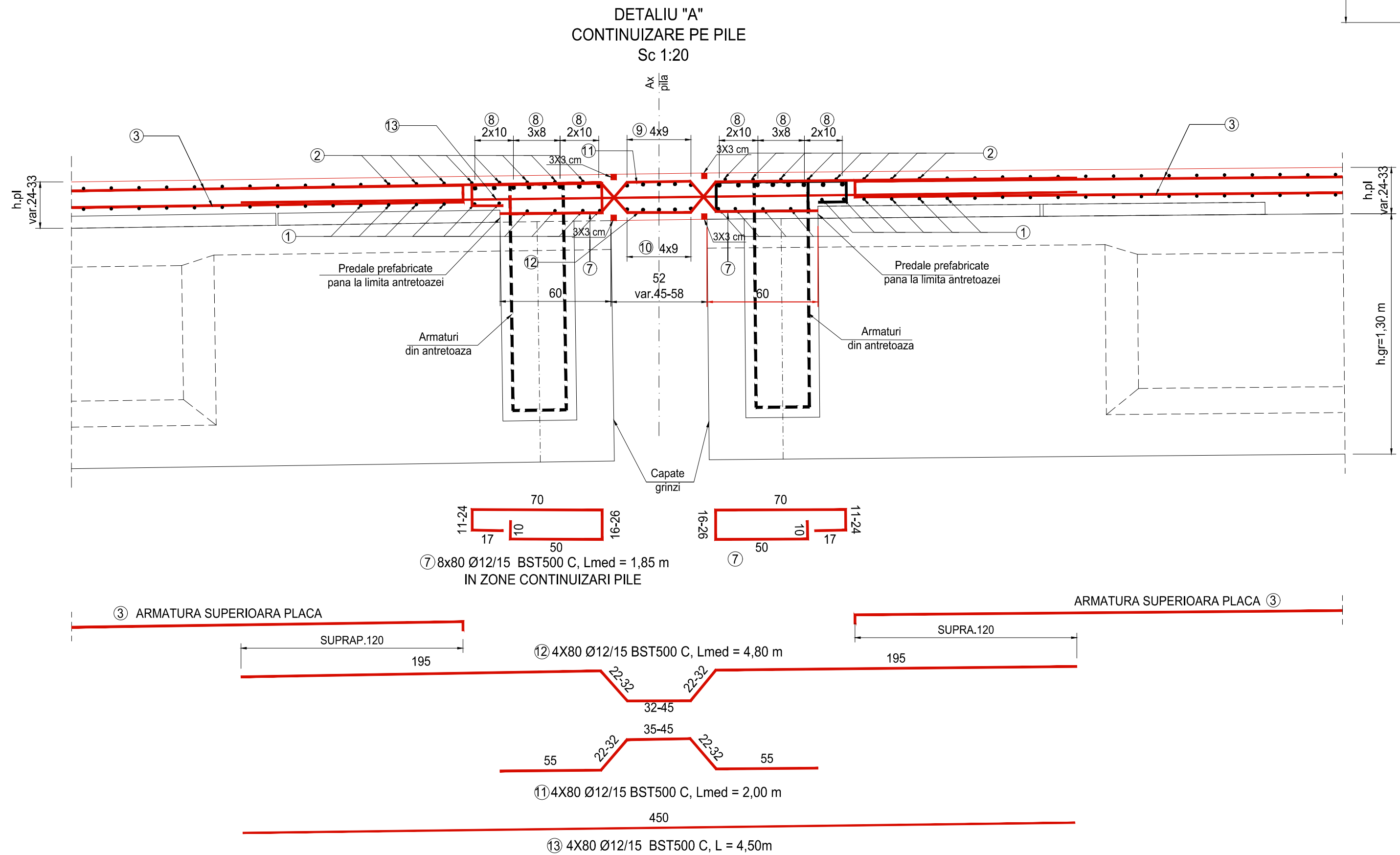
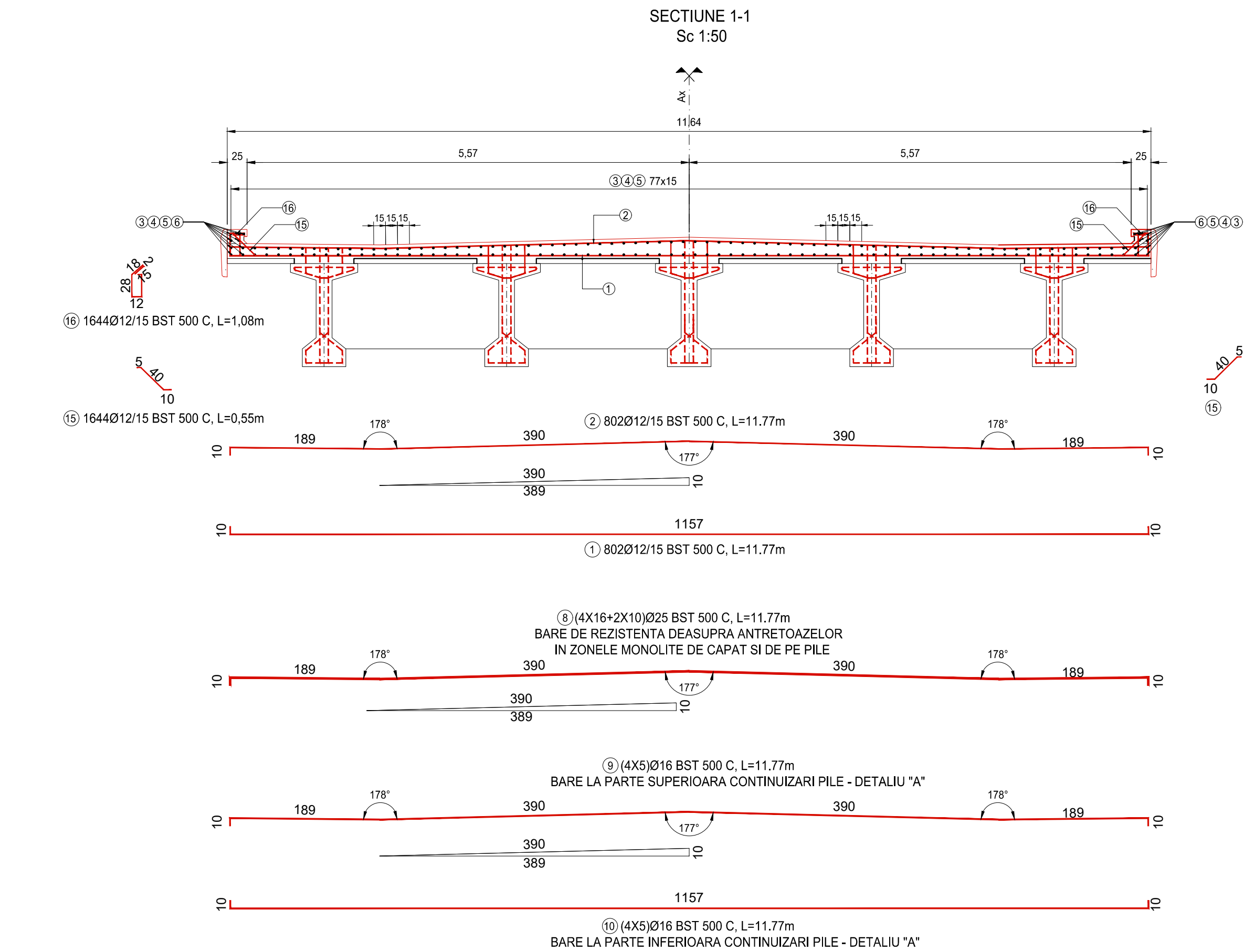
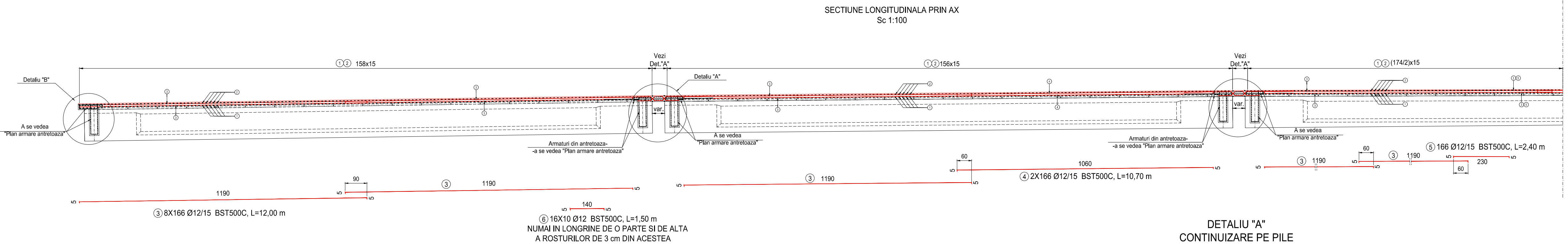
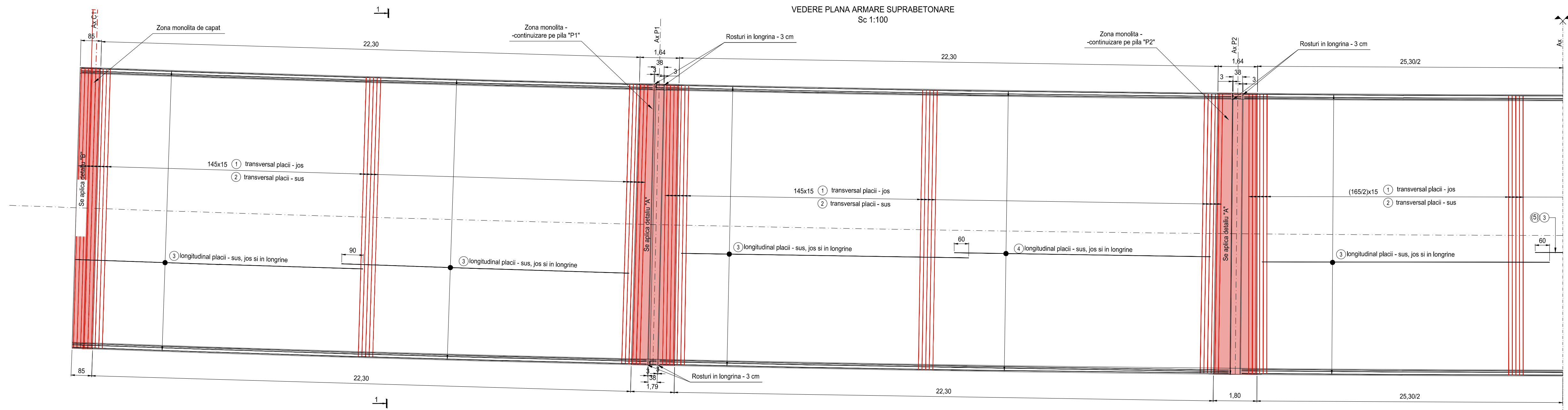
DENUMIRE PROIECT PROIECTARE SI EXECUTIE "VARIANTA DE OCOLIRE TIMISOARA SUD" ELABORARE PROIECT TEHNIC REST DE EXECUTAT
NUMAR CONTRACT: 550/36/09.02.2023
NUMAR PROIECT : 556

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

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

REVIZII		
NR. REV.	DATA	SEMNL

DENUMIRE PLANSA PASAJ KM 5+366 PESTE DN 59 SI LINII DE TRAMVAI SCURGEREA APELOR POZITIONARE GURI DE SCURGERE
Scara : 1:100 1:200
NUMAR PLANSA 10036-VOTM-STR04-SA-01



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	743.09	3896.74
GREUTATE TOTALA (kg)				46230.00		
GREUTATE TOTALA PT 1 BUCATĂ ASEMENEA				46230.00		

CERINȚE DE CALITATE - SR EN 1992-1
Beton: C35/45
Oțel: BST500 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: BST500C
Clasa de expunere: XC3, XD1, XF2
Valoare max. A/C: 0.55
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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 aceea cantitate existentă, comunicând proiectantului pentru a face eventuale modificări.