


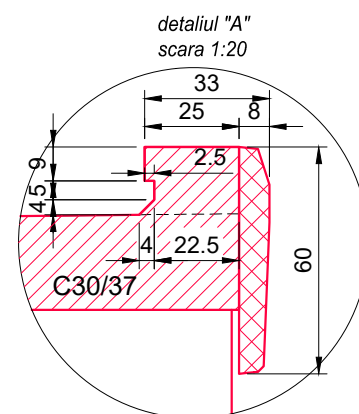
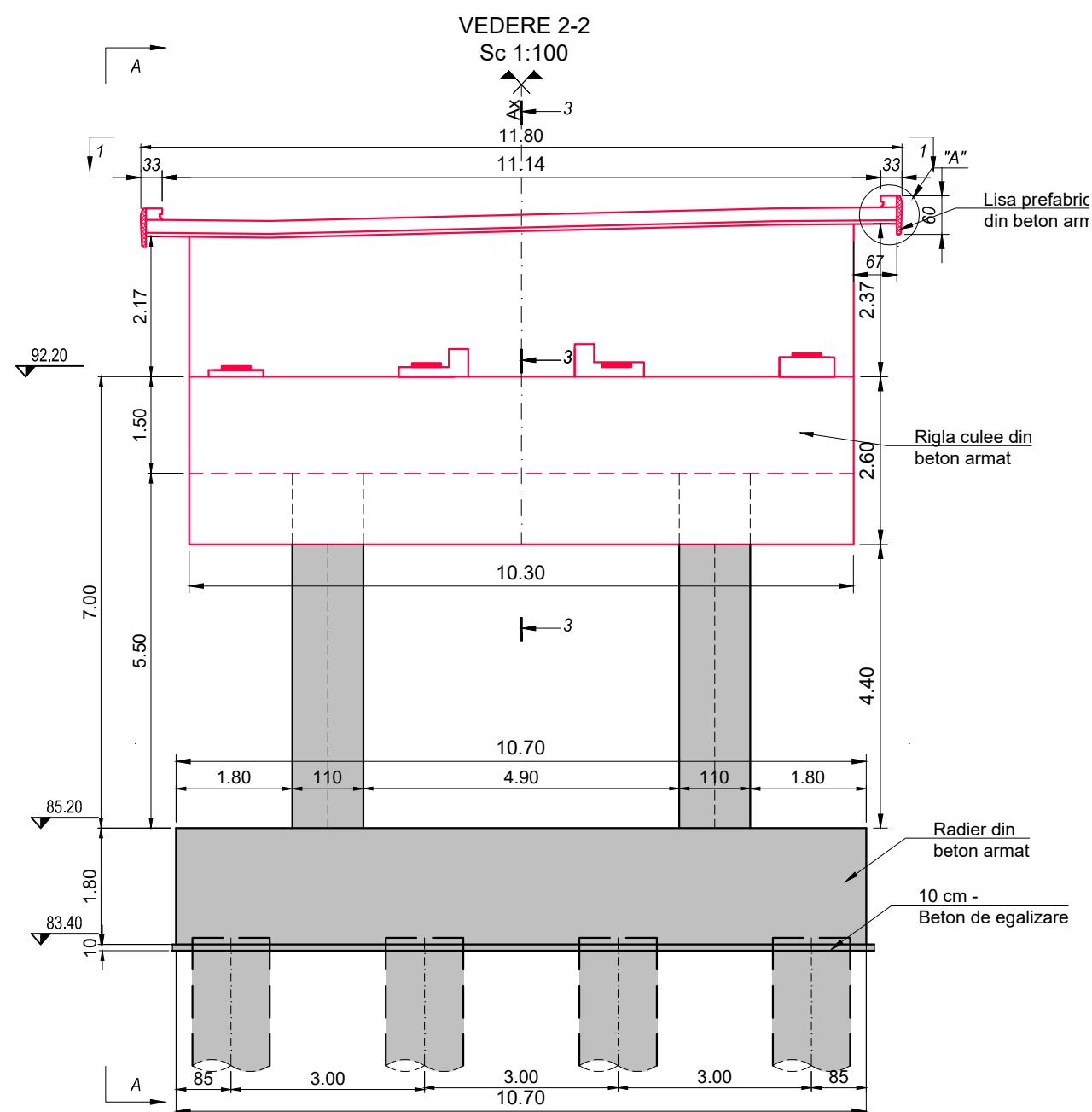
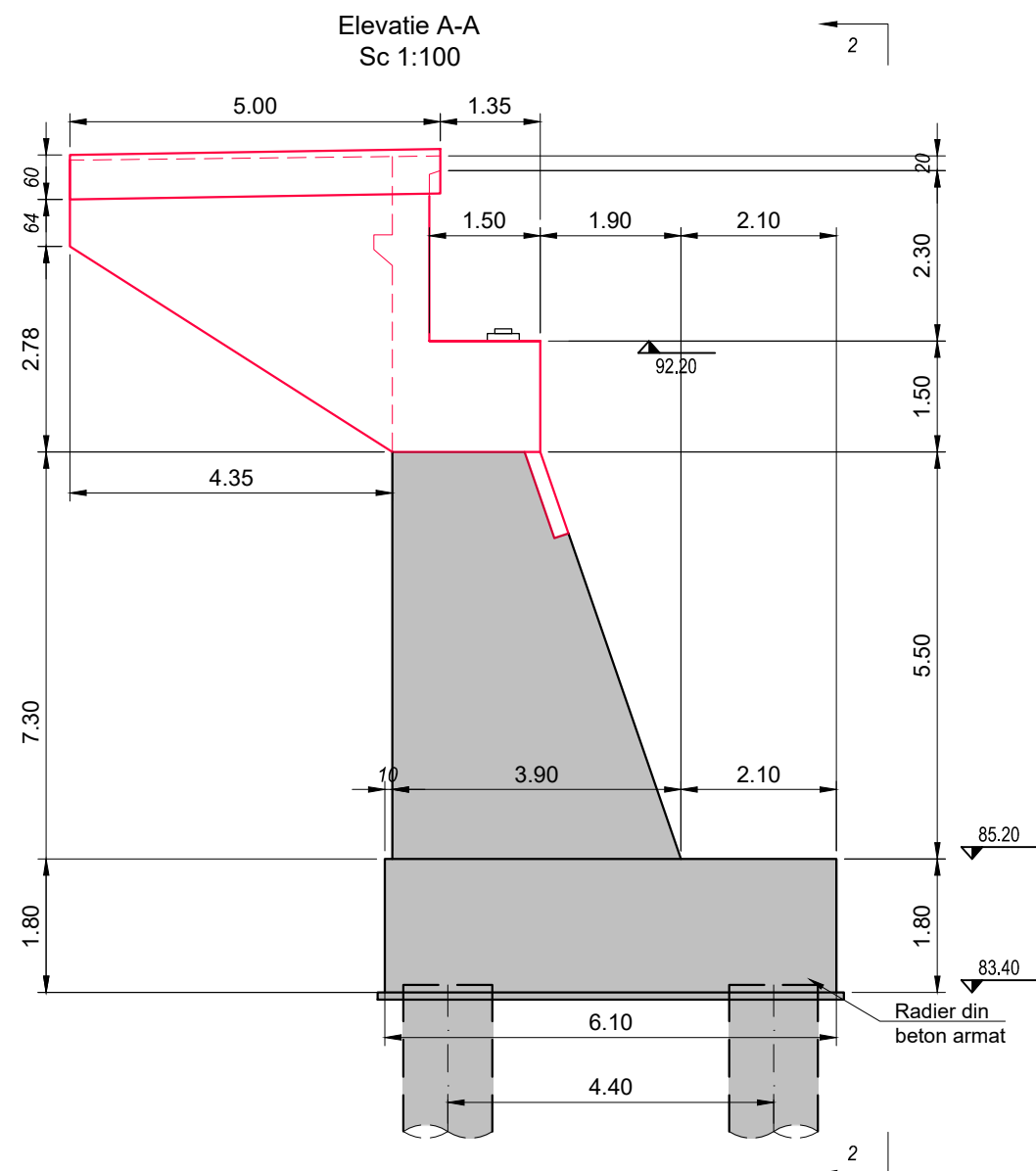


<b>INVESTITOR</b>  COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE S.A.	<b>PROIECTANT GENERAL</b>  D.P. CONSULT S.A.	<b>AMPLASAMENT</b> 	<b>DENUMIRE PROIECT</b> PROIECTARE SI EXECUTIE "VARIANTA DE OCOLIRE TIMISOARA SUD" ELABORARE PROIECT TEHNIC REST DE EXECUTAT  NUMAR CONTRACT: 550/36/09.02.2023  NUMAR PROIECT : 556	<b>FAZA PROIECT</b> PROIECT TEHNIC REST DE EXECUTAT  Data : 03.2023  VERIFICATOR TEHNIC	<b>Manager de Proiect</b> ing. Silvan Moldovan  <b>Sef Echipa Proiectare</b> ing. Raul Cocis  <b>Inginer Proiectant Poduri</b> ing. Attila Takacs  <b>Inginer Proiectant</b> ing. Teodor Sabadis	<b>REVIZII</b>			<b>DENUMIRE PLANSA</b> PASAJ KM 0+608 PESTE DJ 591 SI LINII DE TRAMVAI  RELEVU LUCRARI EXECUTATE  Scara : 1:100 1:200  <b>NUMAR PLANSA</b> 10036-VOTM-STR01-RLV-01
						<b>NR. REV.</b>	<b>DATA</b>	<b>SEMN.</b>	









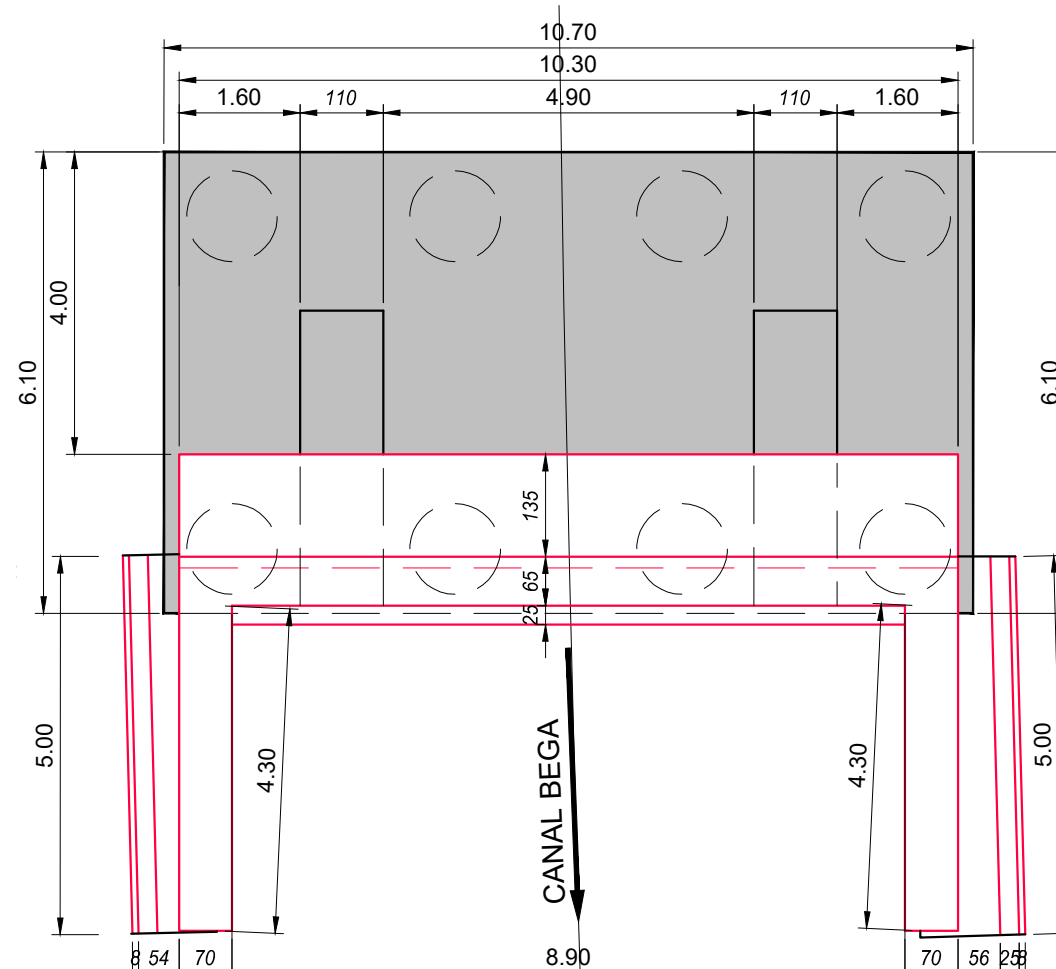
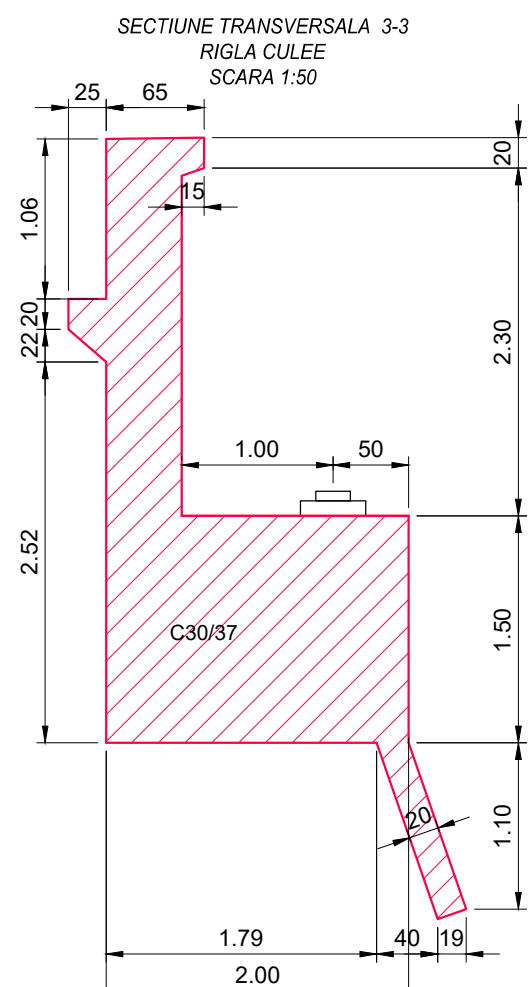
CERINTE DE CALITATE  
BETON EGALIZARE  
Beton: C8/10  
Otel: -  
Clasa de expunere: -  
Valoare max. A/C: -  
Dozaj min. ciment: -

CERINTE DE CALITATE  
RADIERE/FUNDATII  
Beton: C25/30  
Otel: BST500C  
Clasa de expunere: XC2, XF3.  
Valoare max. A/C: 0.55<sup>a</sup>  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

CERINTE DE CALITATE  
ELEVATII  
Beton: C30/37  
Otel: BST500C  
Clasa de expunere: XC4, XD1, XF2.  
Valoare max. A/C: 0.50  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

<p><b>CERINTE DE CALITATE</b>  <b>LISA DE PARAPET</b></p> <p>Beton: C35/45  Otel: BST500C</p> <p>Clasa de expunere: XC4, XD3, XF4  Valoare max. A/C: 0.45  Dozaj min. ciment: 340 Kg/m<sup>3</sup></p>
--

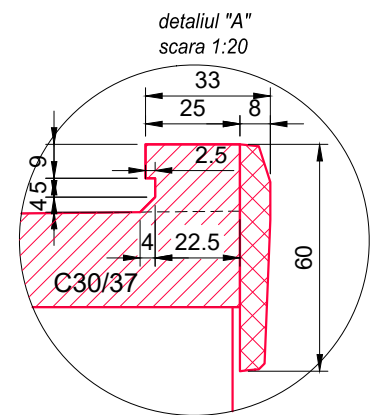
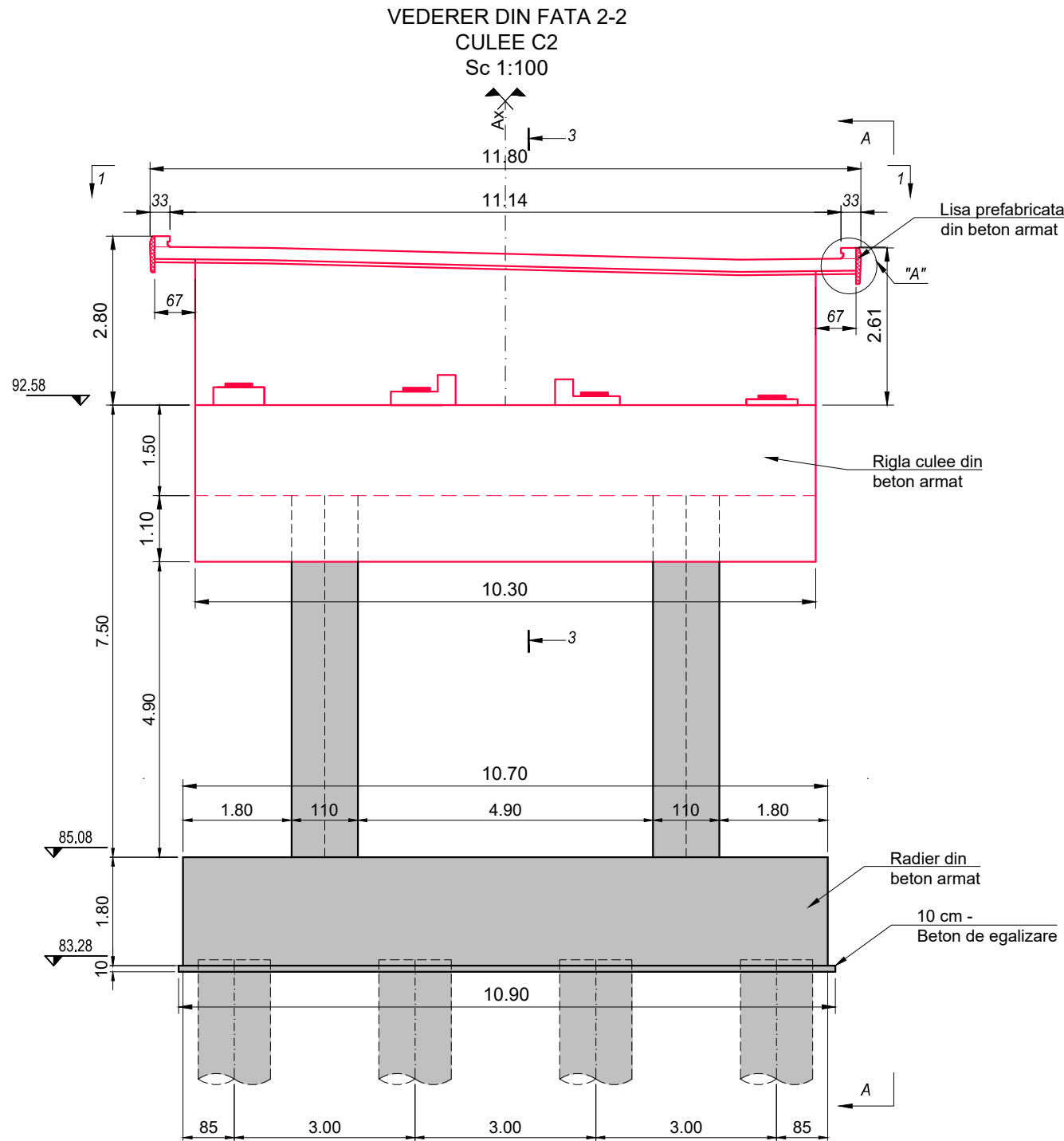
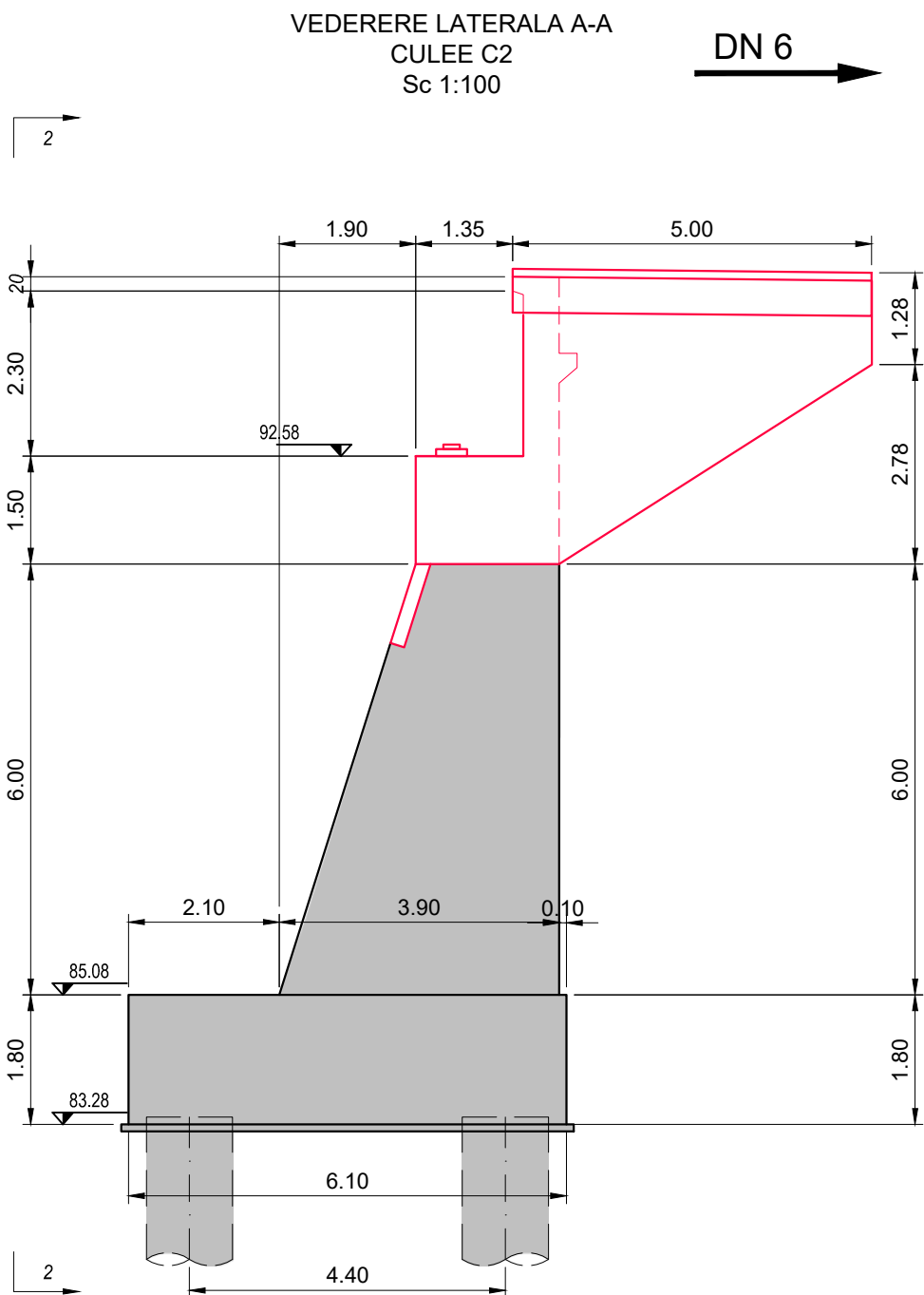
NOTA:  
- Toate elementele de beton in contact cu pamantul se vor proteja cu emulsie bituminoasa sau alte solutii de protectie anticoroziva



**LEGENDA:**

REALIZAT-

NEREALIZAT-



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: 0.55<sup>3</sup>  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

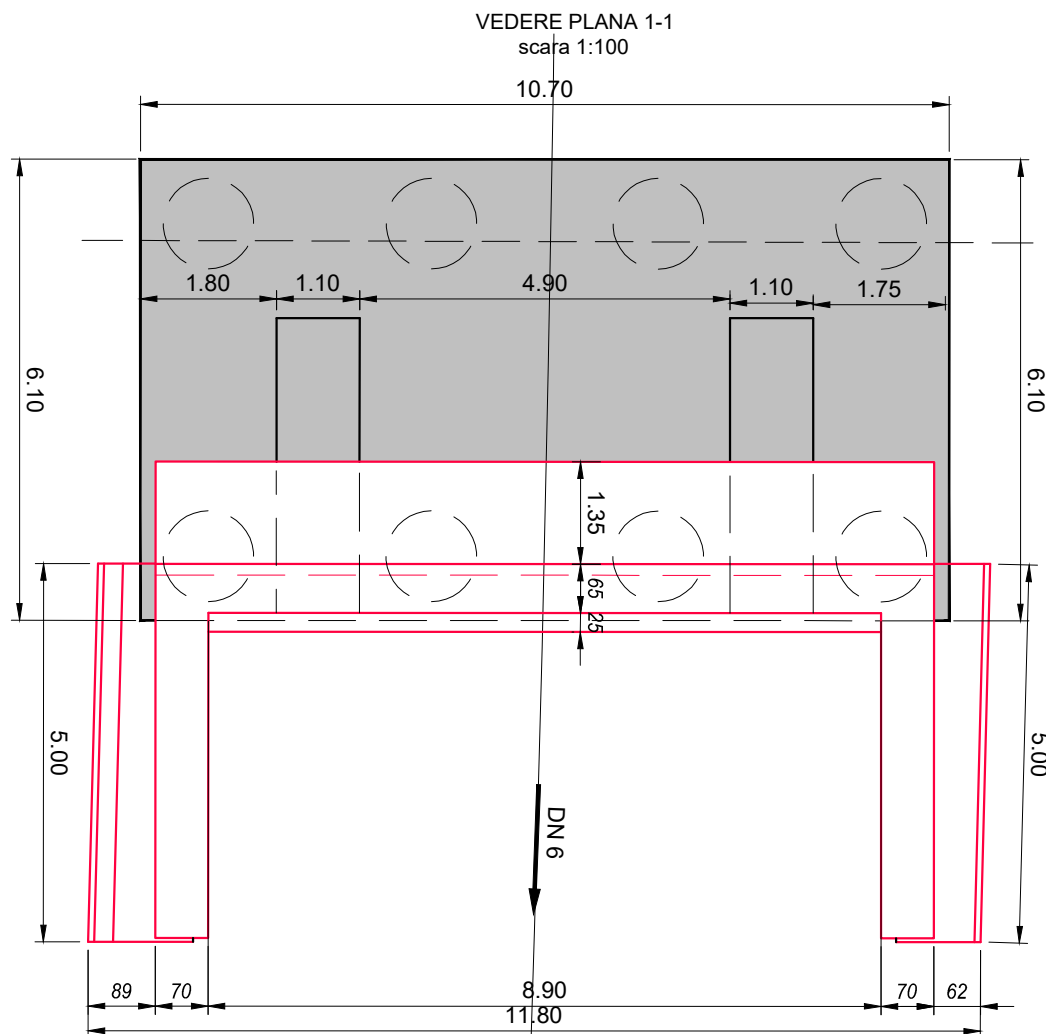
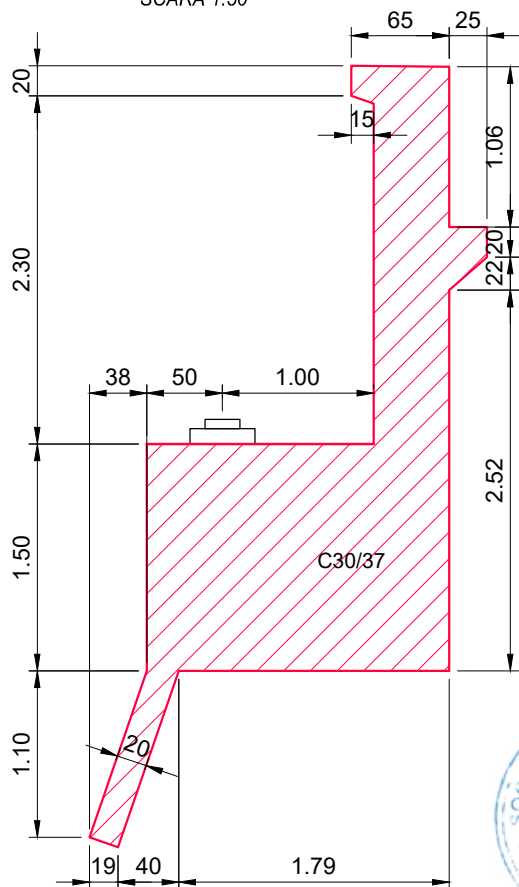
CERINTE DE CALITATE  
ELEVATII

Beton: C30/37  
Otel: BST500C  
Clasa de expunere: XC4, XD1, XF2.  
Valoare max. A/C: 0.50  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

NOTA:

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

SECTIUNE TRANSVERSALA 3-3  
RIGLA CULEE  
SCARA 1:50



LEGENDA:

REALIZAT-

NEREALIZAT-

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. Silivan Moldovan

Sef Echipa Proiectare

ing. Raul Cocis

Inginer Proiectant Poduri

ing. Attila Takacs

Inginer Proiectant

ing. Teodor Sabadis

REVIZII

NR. REV.

DATA

SEMN.

DENUMIRE PLANSA

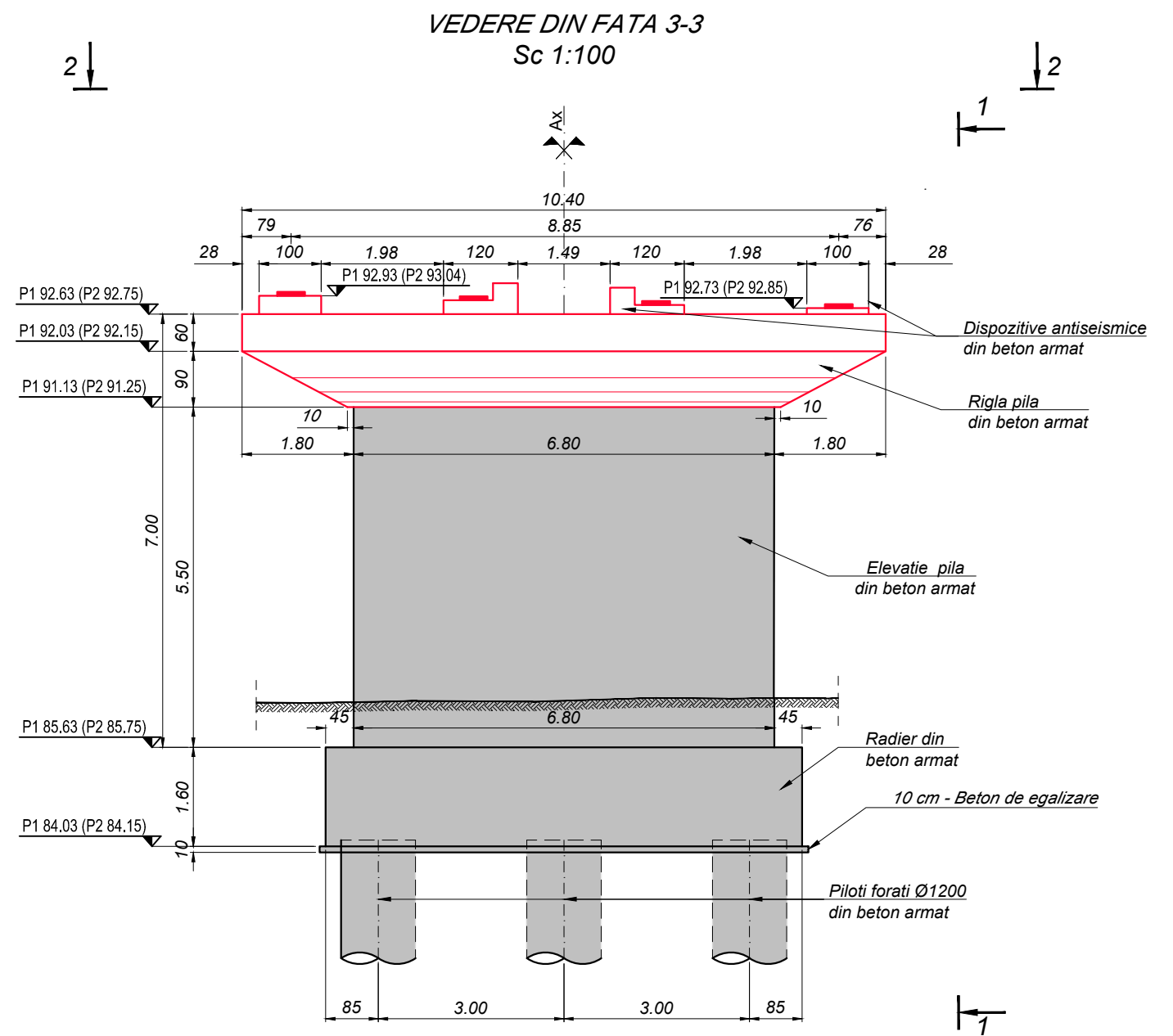
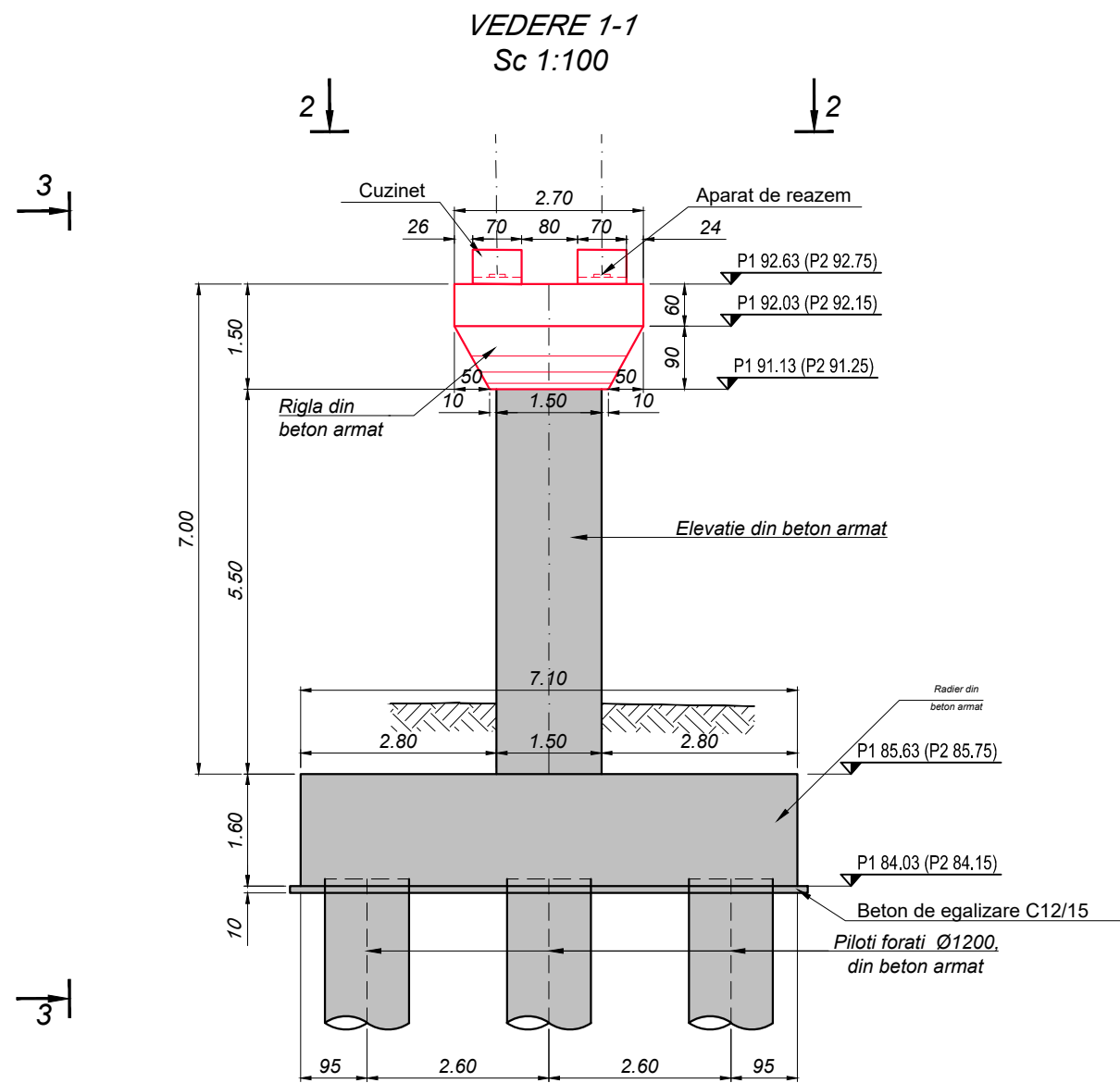
PASAJ KM 0+608 PESTE DJ 591  
SI LINII DE TRAMVAI  
PLAN COFRAJ CULEE C2

Scara : 1:100 1:50 1:20

NUMAR PLANSA

10036-VOTM-STR01-Ci-02





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

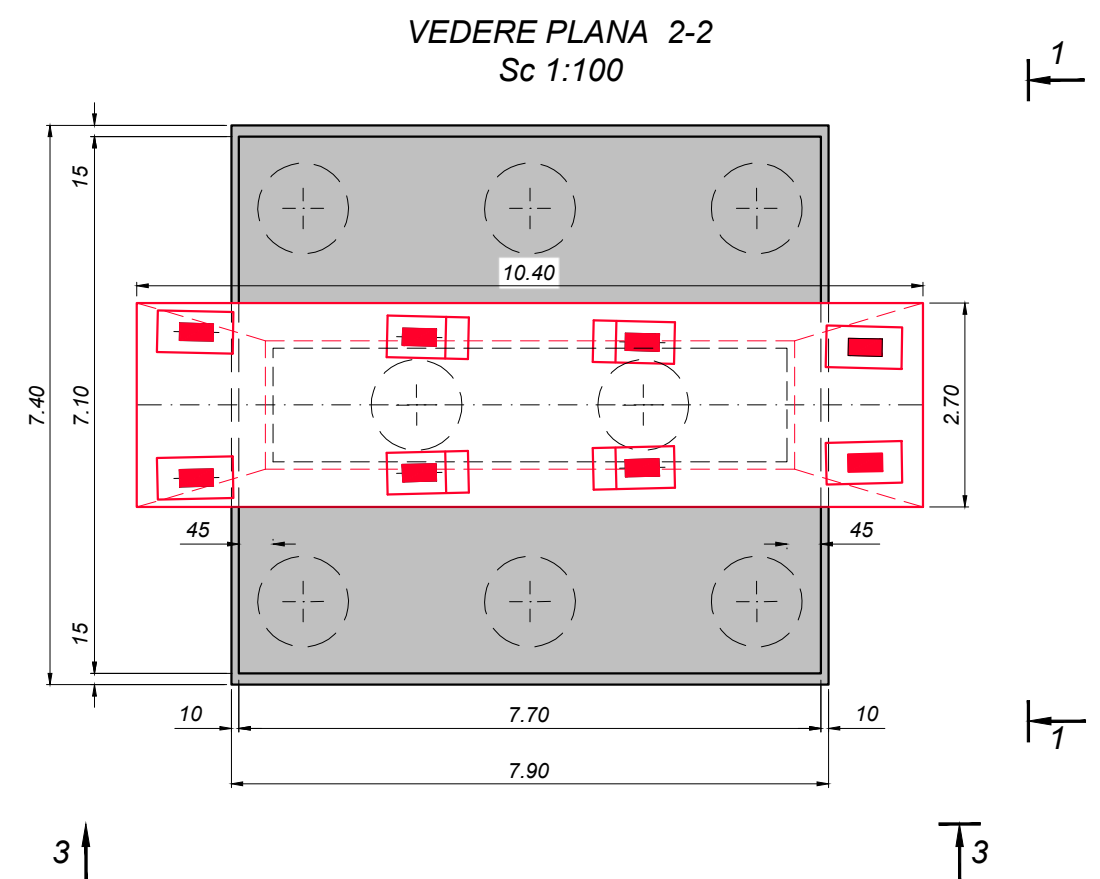
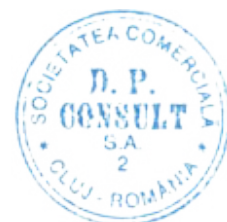
**CERINTE DE CALITATE BETON EGALIZARE**  
Beton: C8/10  
Otel: -  
Clasa de expunere: -  
Valoare max. A/C: -  
Dozaj min. ciment: -




**CERINTE DE CALITATE RADIARE/FUNDATII**  
Beton: C25/30  
Otel: BST500C  
Clasa de expunere: XC2, XF3.  
Valoare max. A/C: 0.55<sup>8</sup>  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

**CERINTE DE CALITATE ELEVATII**  
Beton: C30/37  
Otel: BST500C  
Clasa de expunere: XC4, XD1, XF2.  
Valoare max. A/C: 0.50  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

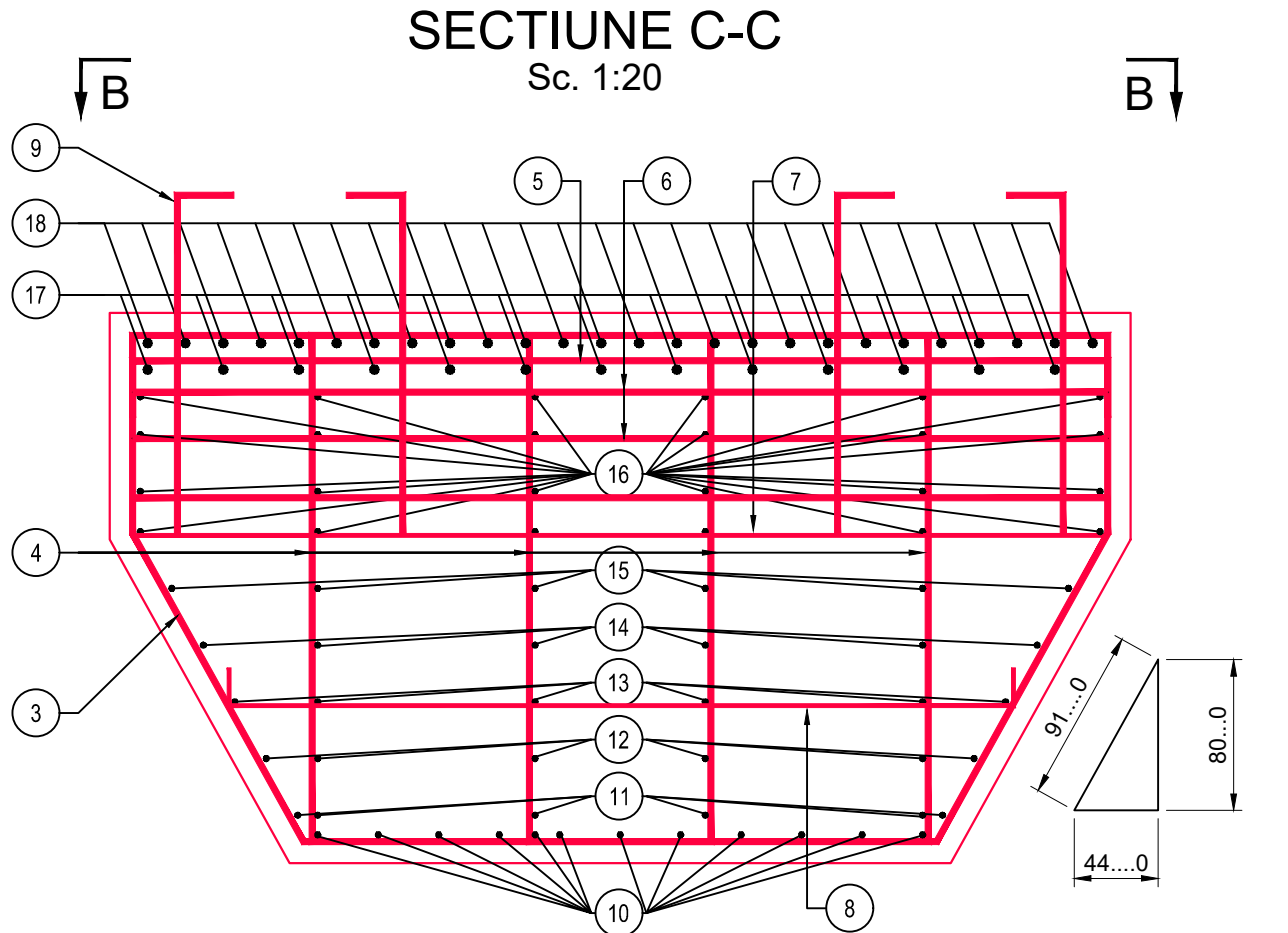
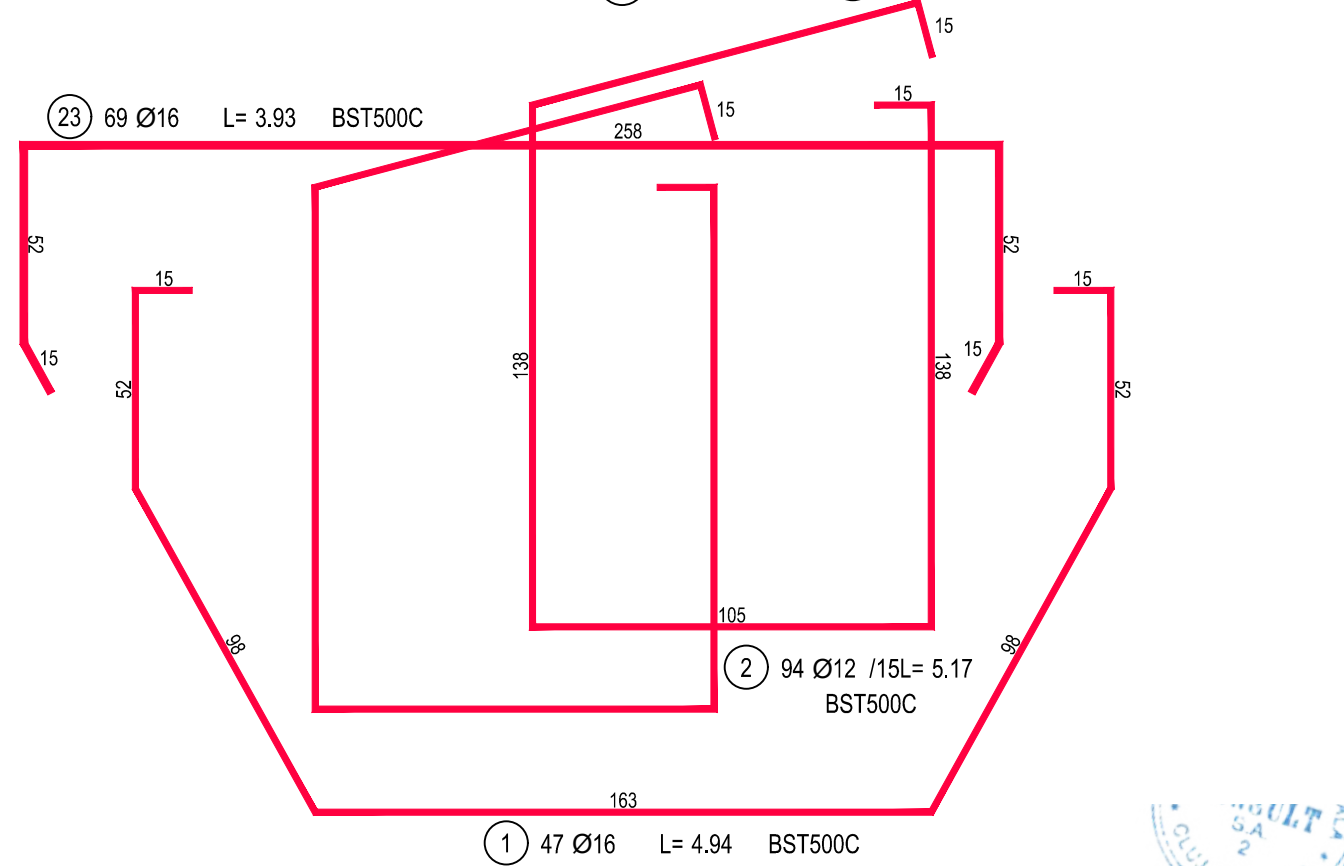
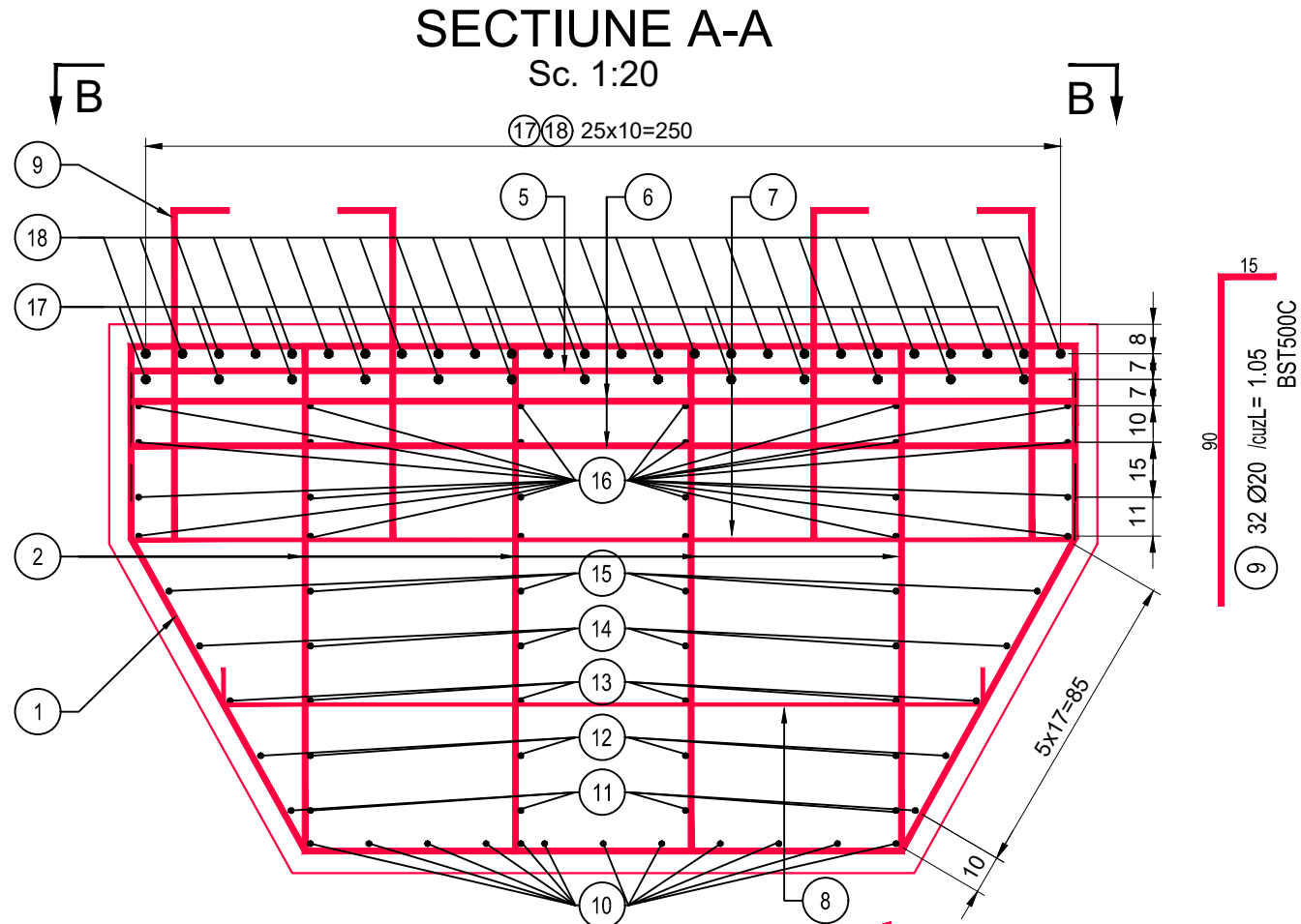
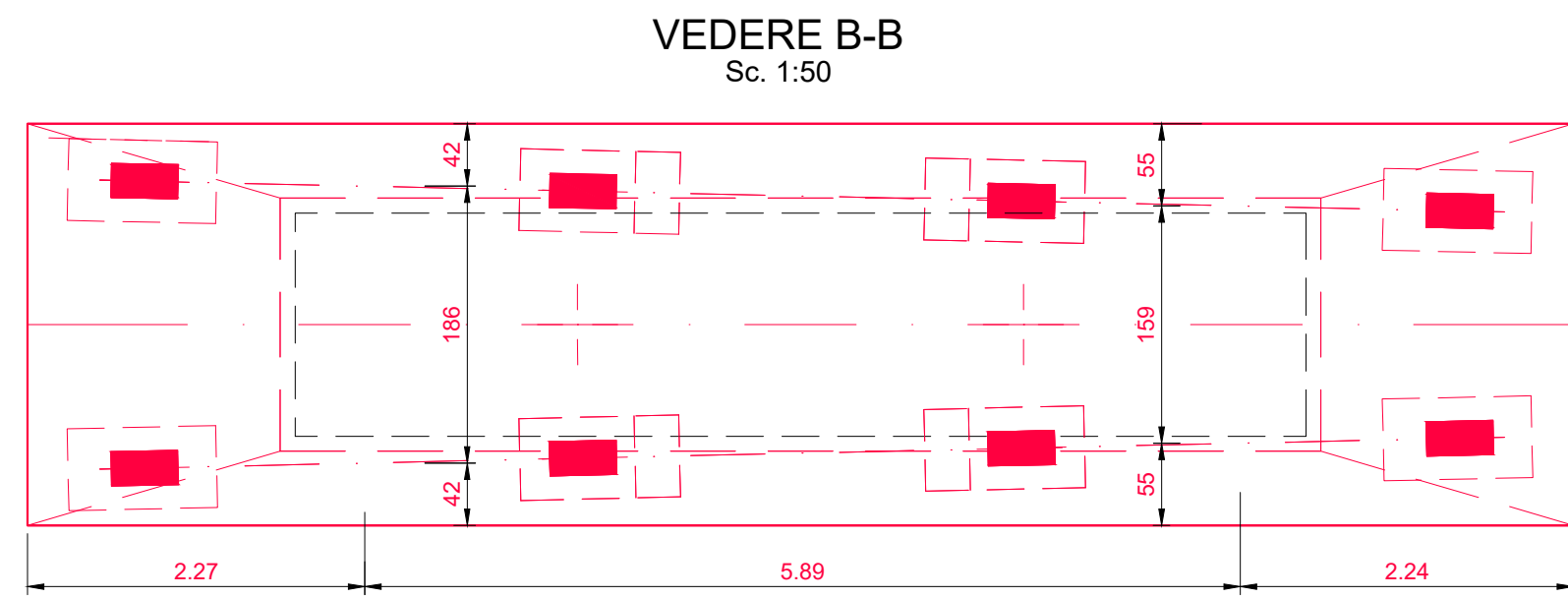
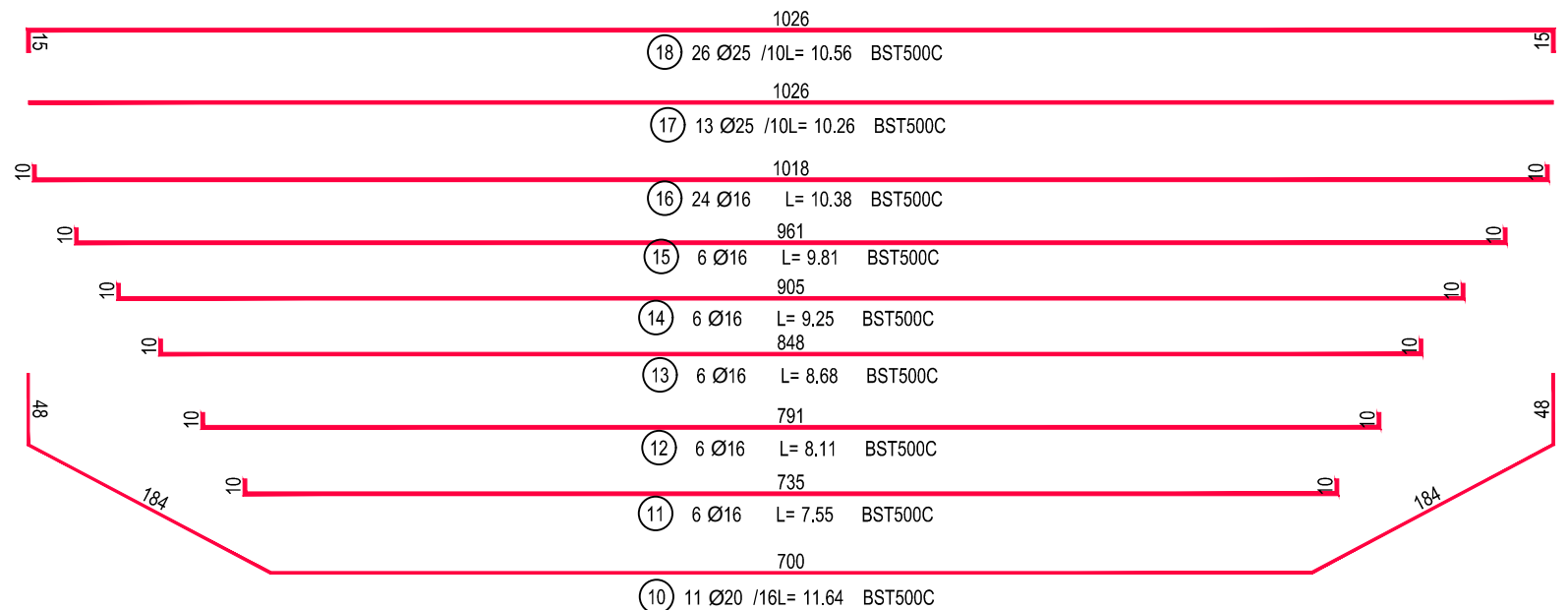
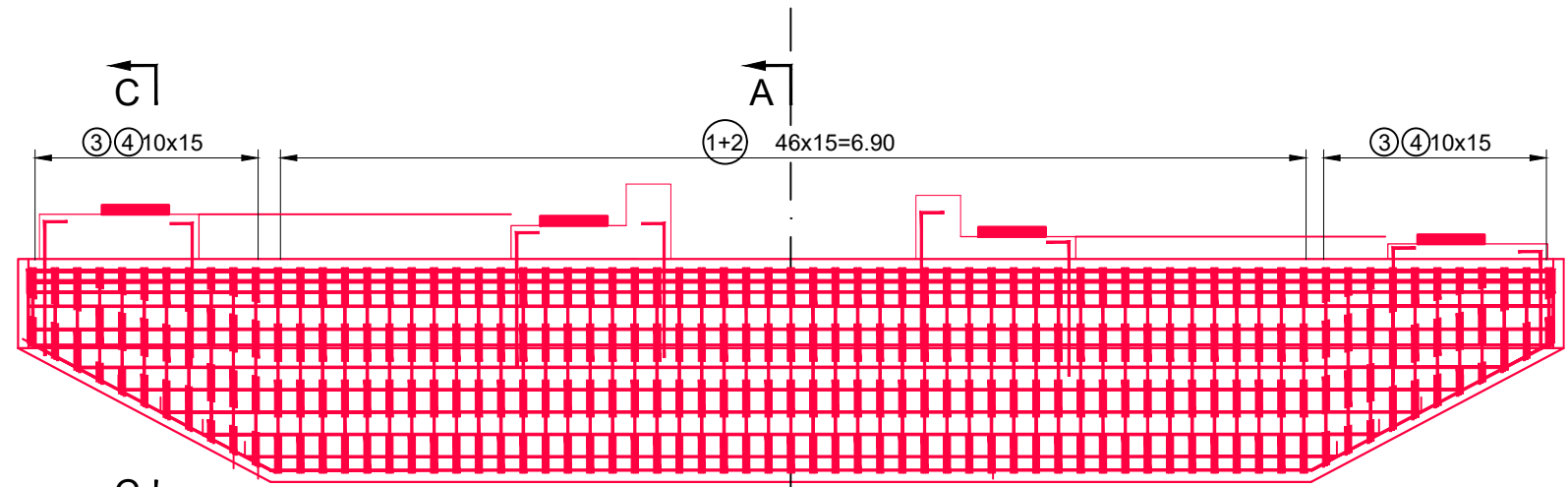
**LEGENDA:**

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>FAZA PROIECT</div> <div>PROIECT TEHNIC REST DE EXECUTAT</div>		<div>Manager de Proiect</div> <div>ing. Silvan Moldovan</div>		<div>REVIZII</div> <div><div>NR. REV.</div><div>DATA</div><div>SEM.</div></div>			<div>DENUMIRE PLANSA</div> <div>PASAJ KM 0+608 PESTE DJ 591 SI LINII DE TRAMVAI PLAN PLAN COFRAJ PILE</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>Scara : 1:100</div>	
			<div>NUMAR PROIECT : 556</div>		<div>VERIFICATOR TEHNIC</div>		<div>Inginer Proiectant</div> <div>ing. Teodor Sabadis</div>					<div>NUMAR PLANSA</div> <div>10036-VOTM-STR01-Ci-03</div>	





EXTRAS DE ARMARE PENTRU O SINGURA RIGLA							
MARCA	DIAMETRU	NR BUCATI	LUNGIMI [m]				
			/bucata	/diametru			
				BST500C			
				Ø12	Ø16	Ø20	Ø25
1	16	47	4.94		232.18		
2	12	94	5.17	485.98			
3	16	22	4.41		97.02		
4	16	44	4.57		201.08		
5	16	69	2.88		198.72		
6	16	70	2.58		180.60		
7	12	35	2.82	98.70			
8	12	35	2.27	79.45			
9	20	32	1.05			33.60	
10	20	11	11.64			128.04	
11	16	6	7.55		45.30		
12	16	6	8.11		48.66		
13	16	6	8.68		52.08		
14	16	6	9.25		55.50		
15	16	6	9.81		58.86		
16	16	24	10.38		249.12		
17	25	13	10.26				133.38
18	25	26	10.56				274.56
23	16	69	3.93		271.17		
LUNGIMI TOTALE[m]				664.13	1690.29	161.64	407.94
MASA [kg]	/metru			0.889	1.580	2.469	3.858
	/diametru			590.38	2671.24	399.14	1573.94
	totala			5234.70			

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

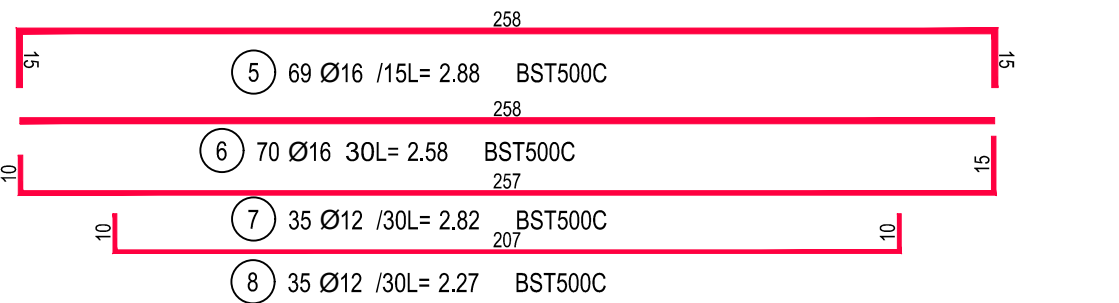
CERINTE DE CALITATE  
RADIARE/FUNDATII  
Beton: C25/30  
Otel: BST500C  
Clasa de expunere: XC2, XF3.  
Valoare max. A/C: 0.55<sup>a</sup>  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

CERINTE DE CALITATE  
ELEVATII  
Beton: C30/37  
Otel: BST500C  
Clasa de expunere: XC4, XD1, XF2.  
Valoare max. A/C: 0.50  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

Nota  
Se va citi impreuna cu plansa AI-08

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.

CANTITATEA TOTALA DE ARMATURA				
Nr.crt.	Element	Nr. elemente asemenea	kg / element	TOTAL kg / elemente asemenea
1	RIGLE	2	5019.540000	10039.080000
CANTITATEA TOTALA / STRUCTURA			10039.08	



LEGENDA:  
REALIZAT-  
NEREALIZAT-

INVESTITOR  
COMPANIA NATIONALA DE ADMINISTRARE  
A INFRASTRUCTURII RUTIERE S.A.

PROIECTANT GENERAL  
CONSULT  
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

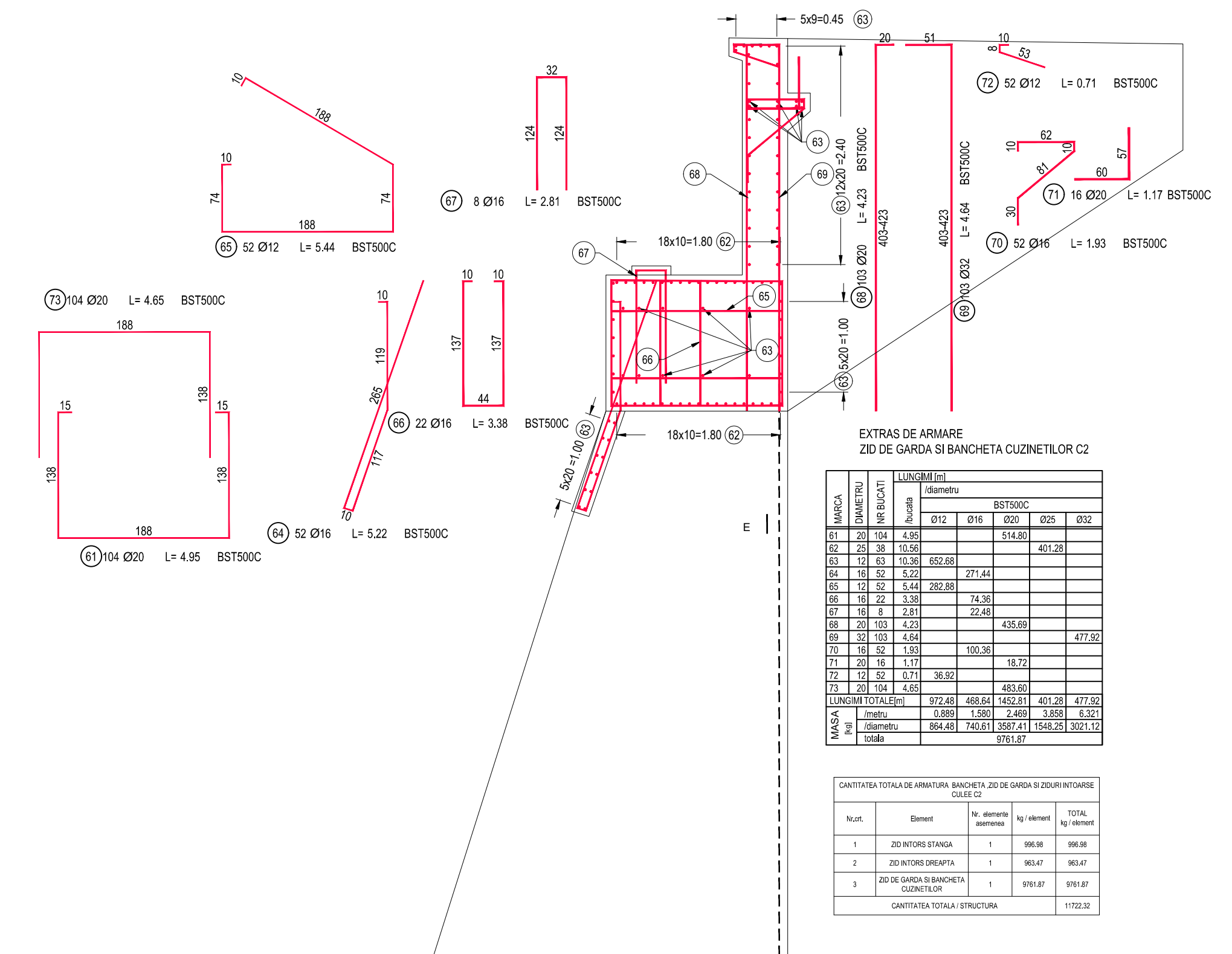
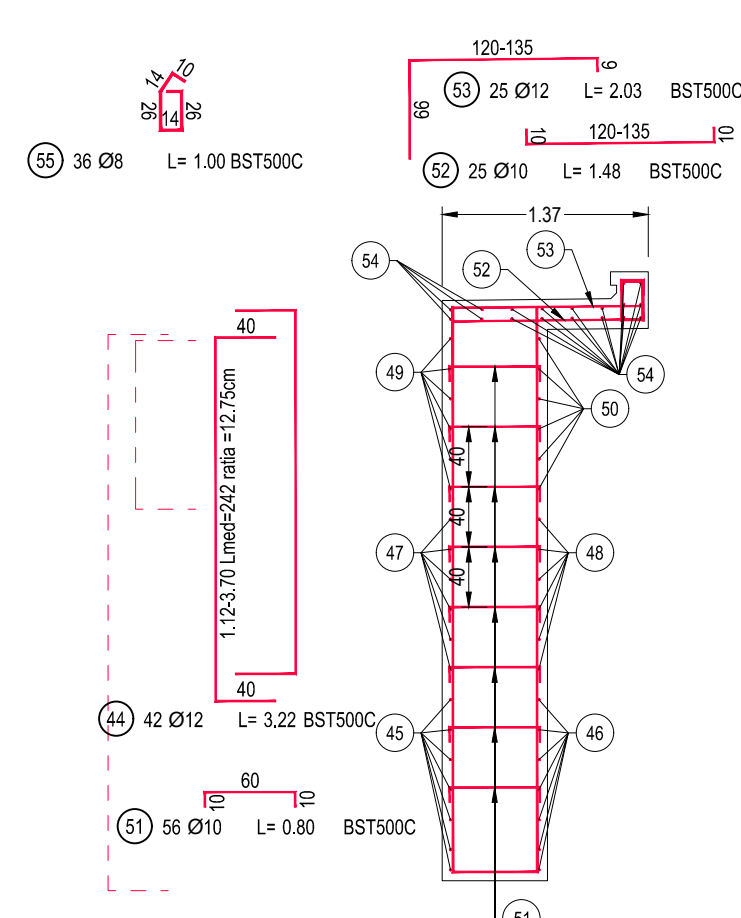
Manager de Proiect  
ing. Silvan Moldovan  
Sef Echipa Proiectare  
ing. Raul Cocis  
Inginer Proiectant Poduri  
ing. Attila Takacs  
Inginer Proiectant  
ing. Teodor Sabadis

REVIZII  
NR. REV. DATA SEMN.

DENUMIRE PLANSA  
PASAJ KM 0+608 PESTE DJ 591  
SI LINII DE TRAMVAI  
PLAN ARMARE  
RIGLE PILE  
Scara : 1:50 1:20  
NUMAR PLANSA  
10036-VOTM-STR01-AI-03

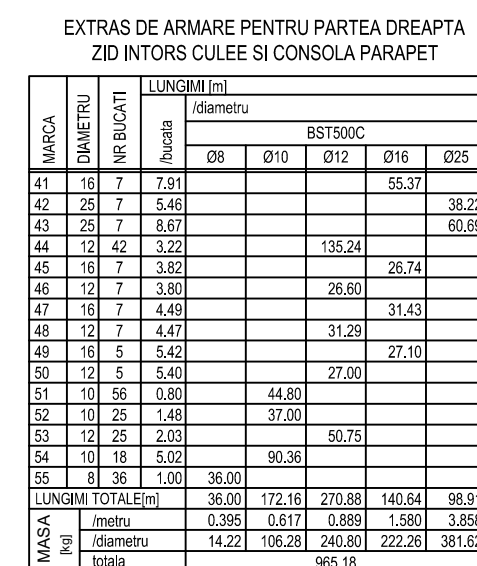
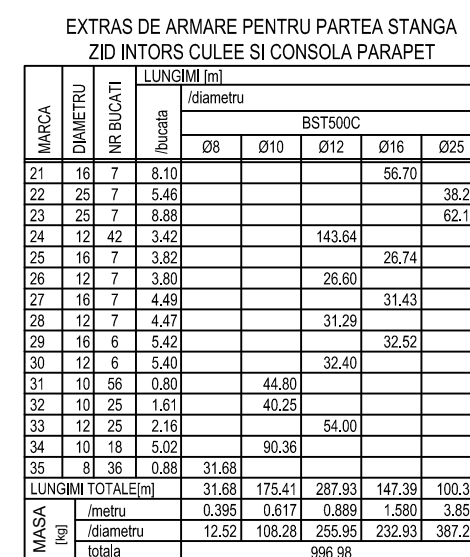


## ZID INTORS PARTEA DREAPTA



MASC	MATERIA	BACI BACATI	LUNGHEZZA [mm]				
			diametro				
			012	016	020	025	032
			B57500C				
61	104	4,96			514,80		
62	23	10,56					401,28
63	12	10,36	652,68				
64	16	5,2		217,44			
65	12	5,44	282,88				
66	10	2,32		74,36			
67	16	8	2,81	22,46			
68	10	10,3	423,43			435,69	
69	16	10,3	4,64				477,92
70	16	5,2	1,93	100,36			
71	16	1,6	1,93		18,72		
72	13		36,92				
73	10	4,96			483,80		
LUNGHEZZA Totale [mm]			972,48	468,64	1452,81	401,28	477,92
			0,889	14,80	2,967	3,858	6,321
			0,90	14,80	2,967	3,858	6,321
			totale		976,57		

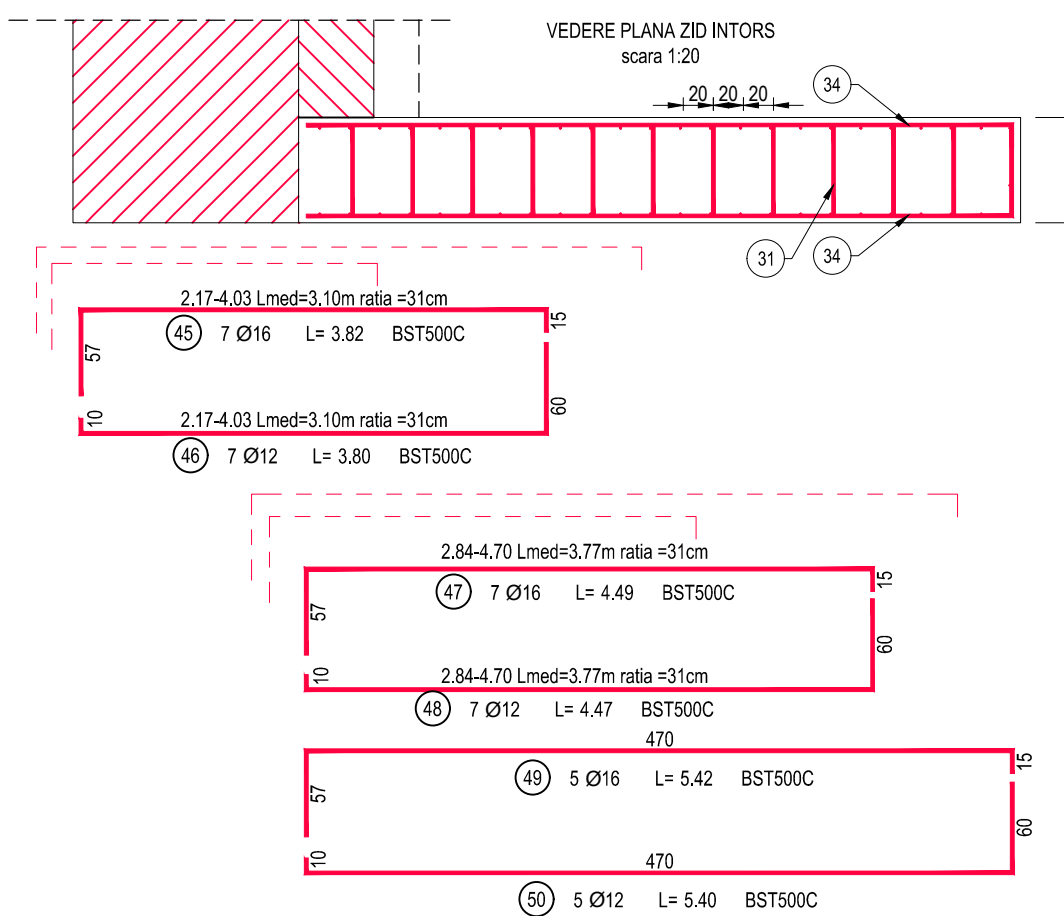
CANTITATEA TOTALA DE ARMATURA BANCHETA, ZID DE GARDA SI ZIDURI INTORSE CULEE C2				
Nr.zif.	Element	Nr. elemente asemenea	kg / element	TOTAL kg / element
1	ZID INTORS STANGA	1	996.98	996.98
2	ZID INTORS DREAPTA	1	963.47	963.47
3	ZID DE GARDA SI BANCHETA CUCINETILOR	1	9761.87	9761.87
CANTITATEA TOTALA / STRUCTURA				11722.32



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: 0.55<sup>a</sup>  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

CERINTE DE CALITATE  
ELEVATII  
Beton: C30/37  
Otel: BST500C  
Clasa de expunere: XC4, XD1,  
Valoare max. A/C: 0.50  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>



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 neptovidire, eroare sau neclaritate pentru a face corectiile sau clarificarile necesare.

**LEGENDA:**

REALIZAT-

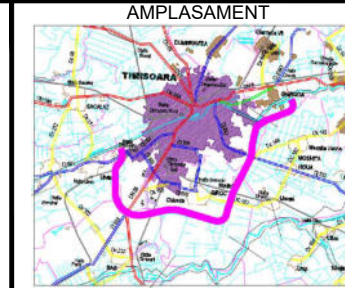
NEREALIZA



COMPANIA NATIONALA DE ADMINISTRATIE  
A INFRASTRUCTURII RUTIERE S.A.



PROIECTANT GENERAL



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

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

NUMAR PROIECT : 556

FAZA PROIECT  
PROIECT TEHNIC  
REST DE EXECUTAT

Data : 03.2023

[illegible]

Manager de Project

ing Silvan Moldova

Page 10 of 10

Set Echipa Proiectare

Ing. Raul Cocis	
-----------------	--

Inginer Proiectant Po

ing. Attila Takacs

Inginer Projectant

ing. Teodor Sabadis

DENUMIRE PLANTA

## BENCHMARK ERROR

SAJ KM 0+608 PESTE DJ  
PLAN ARMARE

## PLAN ARMARE

ZIDURI INTOARSE C2

---

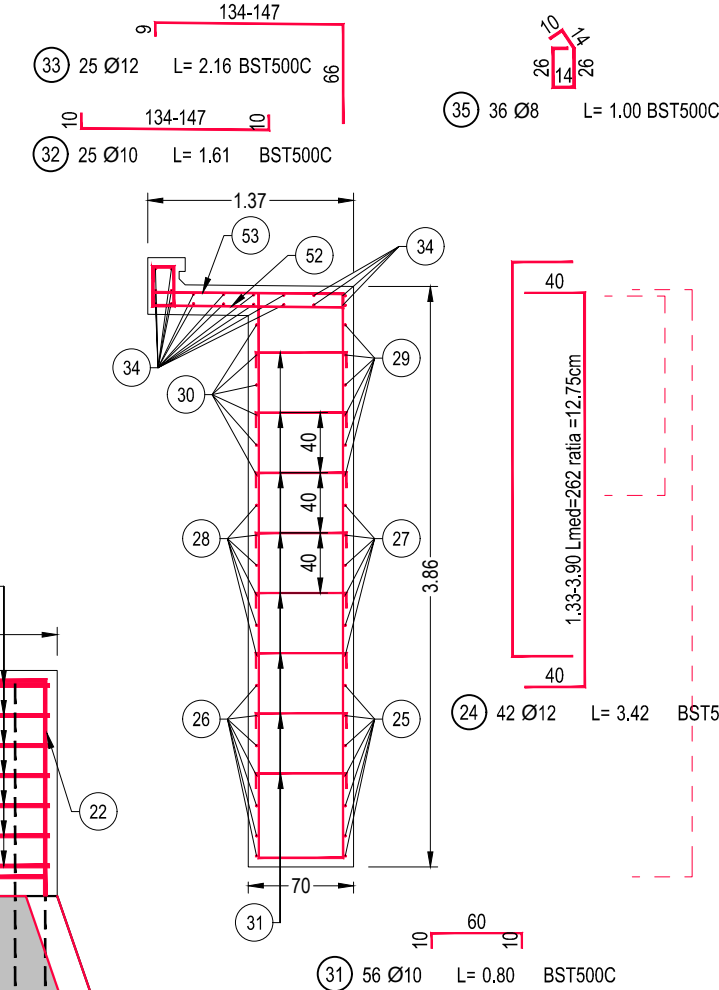
ra : 1:50

NUMAR PLANSA

10036 VOTM STR01 Ai



## BANCHETA CUZINETI + ZID GARDA



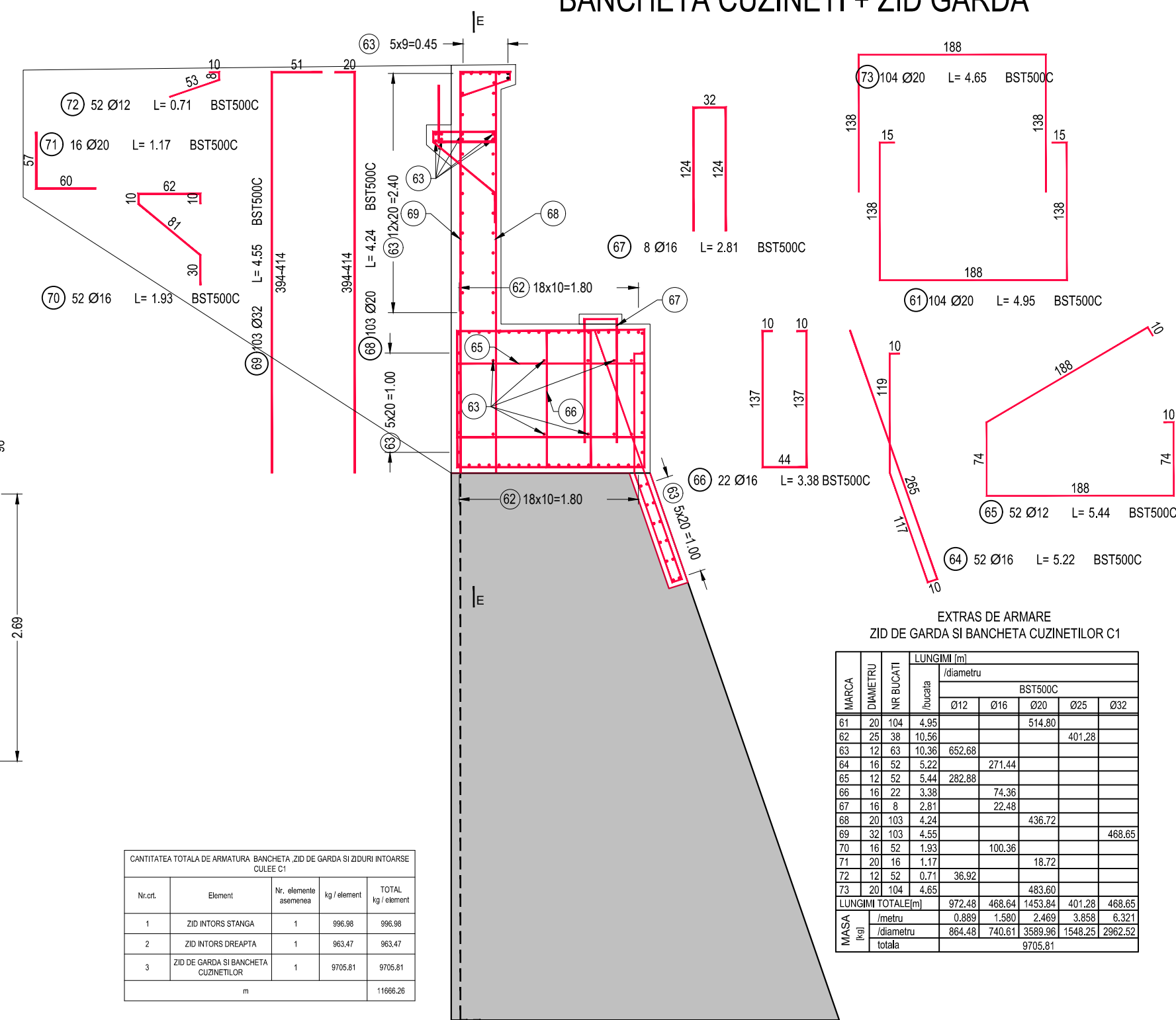
Technical drawing of a 120-135 BST500C antenna. The drawing includes a top view (left) and a side elevation view (right).

**Top View (Left):**

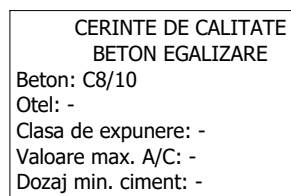
- Antenna diameter: 55 Ø 55
- Height: 14
- Label: 120-135
- Material/Finish: L = 1.00 BST500C

**Side Elevation View (Right):**

- Antenna diameter: 56 Ø 56
- Height: 127.5 cm (1,123.70 mm)
- Label: 120-135
- Material/Finish: L = 3.22 BST500C
- Base diameter: 51 Ø 51
- Base height: 60
- Base material/finish: L = 0.80 BST500C




CANTITATEA TOTALA DE ARMATURA BANCHETA ZID DE GARD SI ZIDURI INTORSE CULEE C1				
Nr.Ord.	Elementi	Nr. elemente asemenea	kg / element	TOTAL kg / element
1	ZID INTORS STANGA	1	996.98	996.98
2	ZID INTORS DREAPTA	1	963.47	963.47
3	ZID DE GARD SI BANCHETA CIZNETILOR	1	9705.81	9705.81
m				19966.26




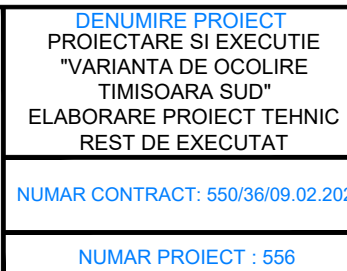
**CERINTE DE CALITATE  
RADIERE/FUNDATII**  
Beton: C25/30  
Otel: BST500C  
Clasa de expunere: XC2, XF3.  
Valoare max. A/C: 0.55<sup>a</sup>  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

**CERINTE DE CALITATE  
ELEVATII**  
Beton: C30/37  
Otel: BST500C  
Clasa de expunere: XC4, XD1,  
Valoare max. A/C: 0.50  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

**LEGENDA:**

REALIZAT- 

NEREALIZAT- 

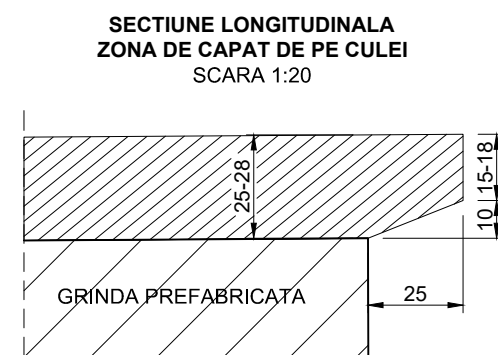
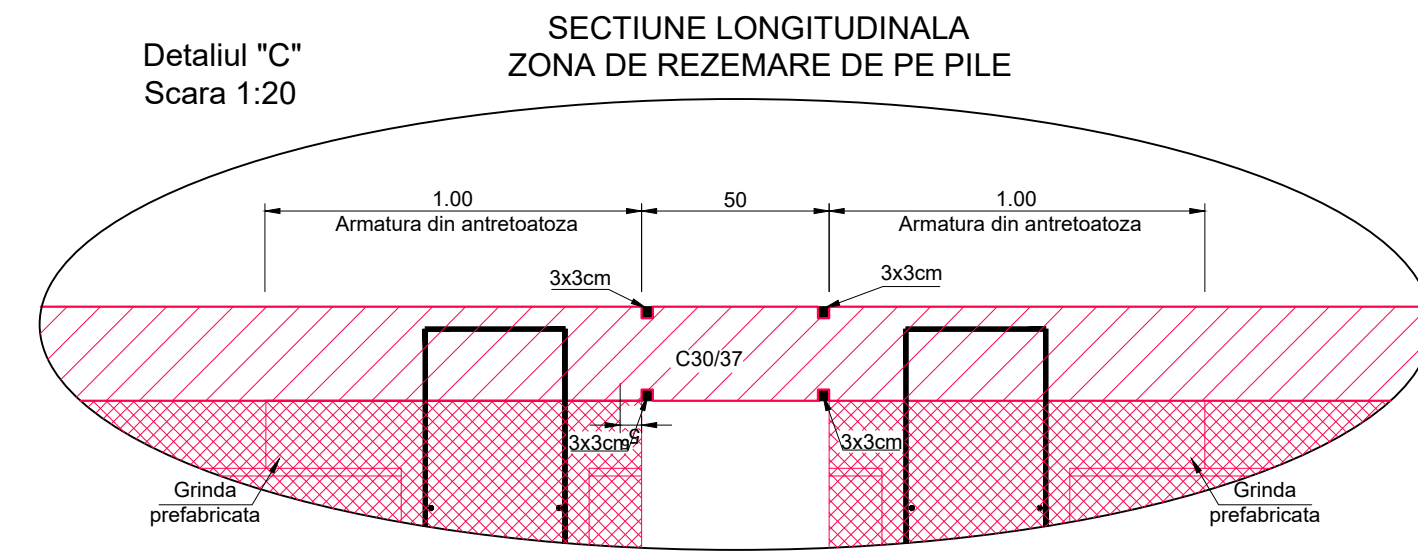
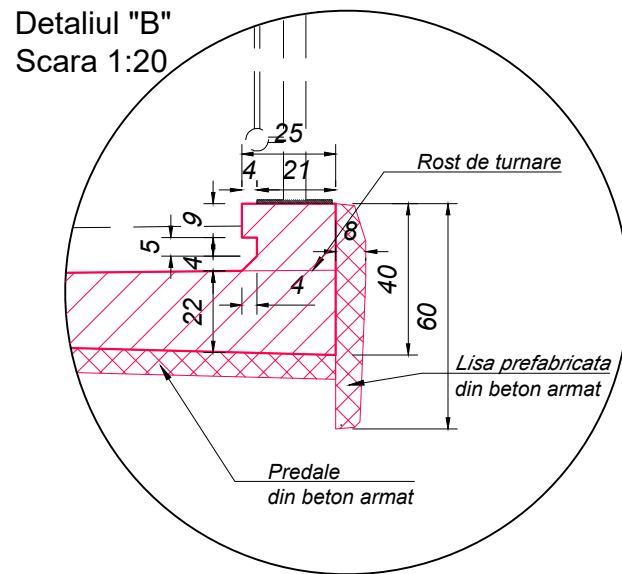
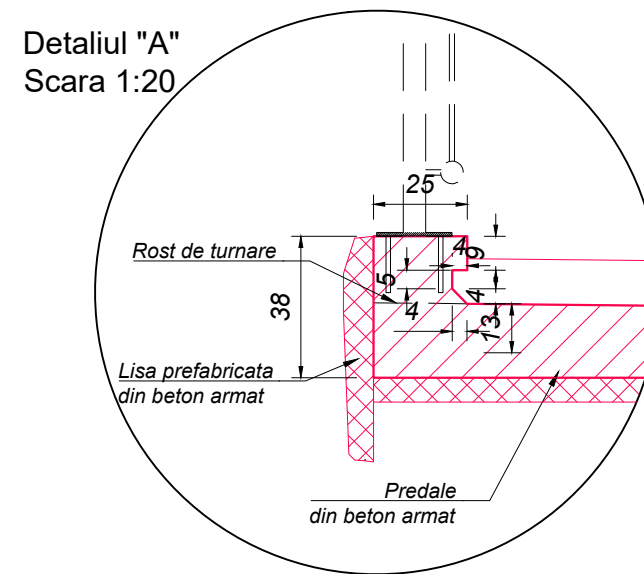
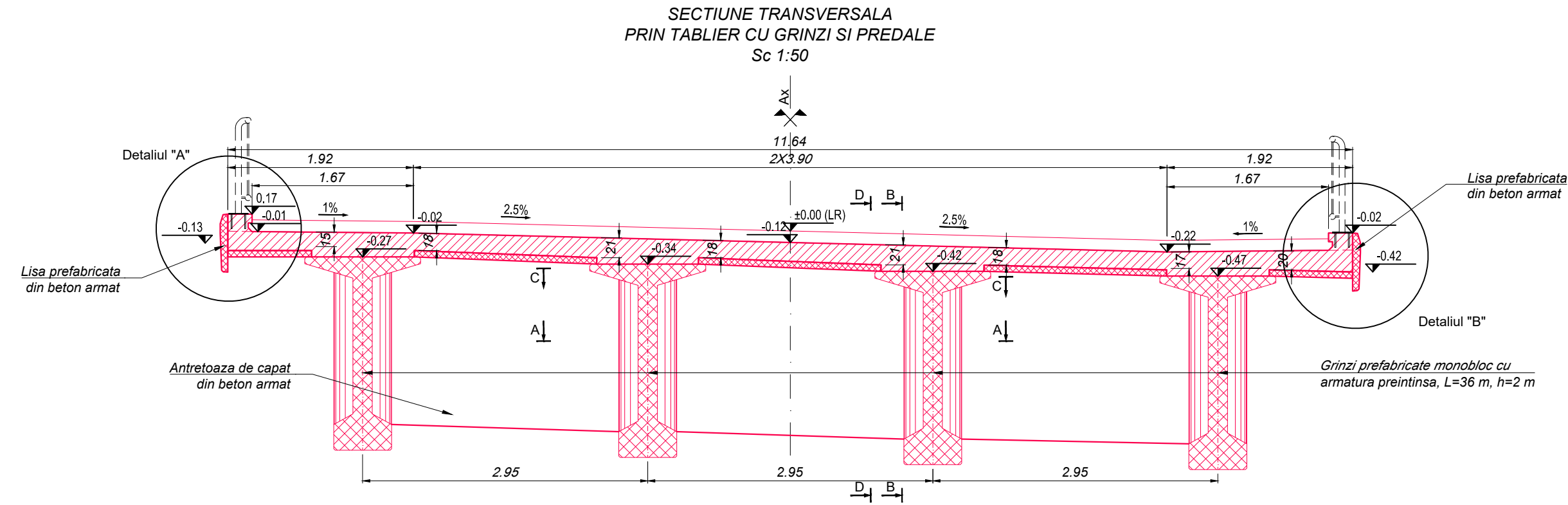
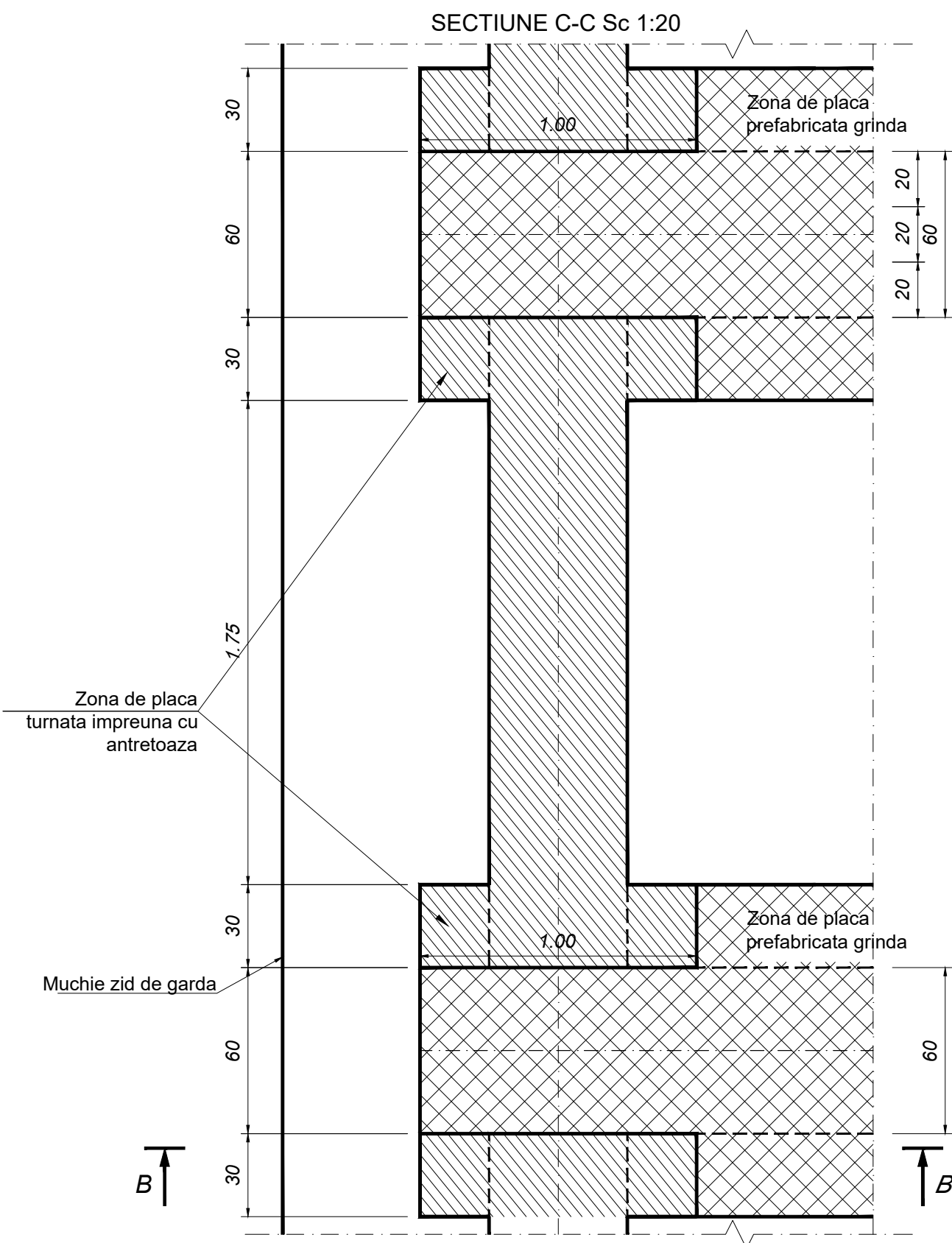
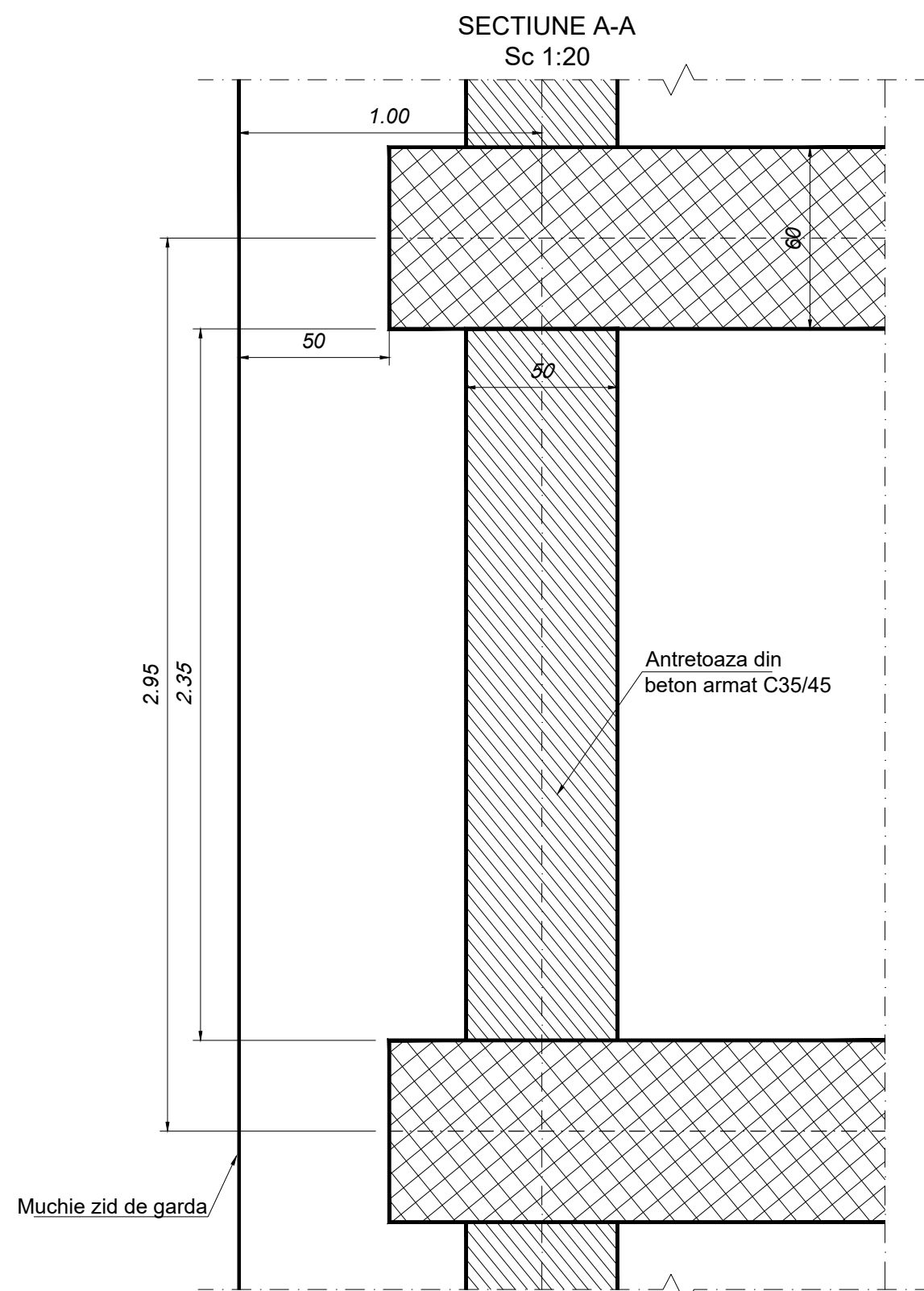
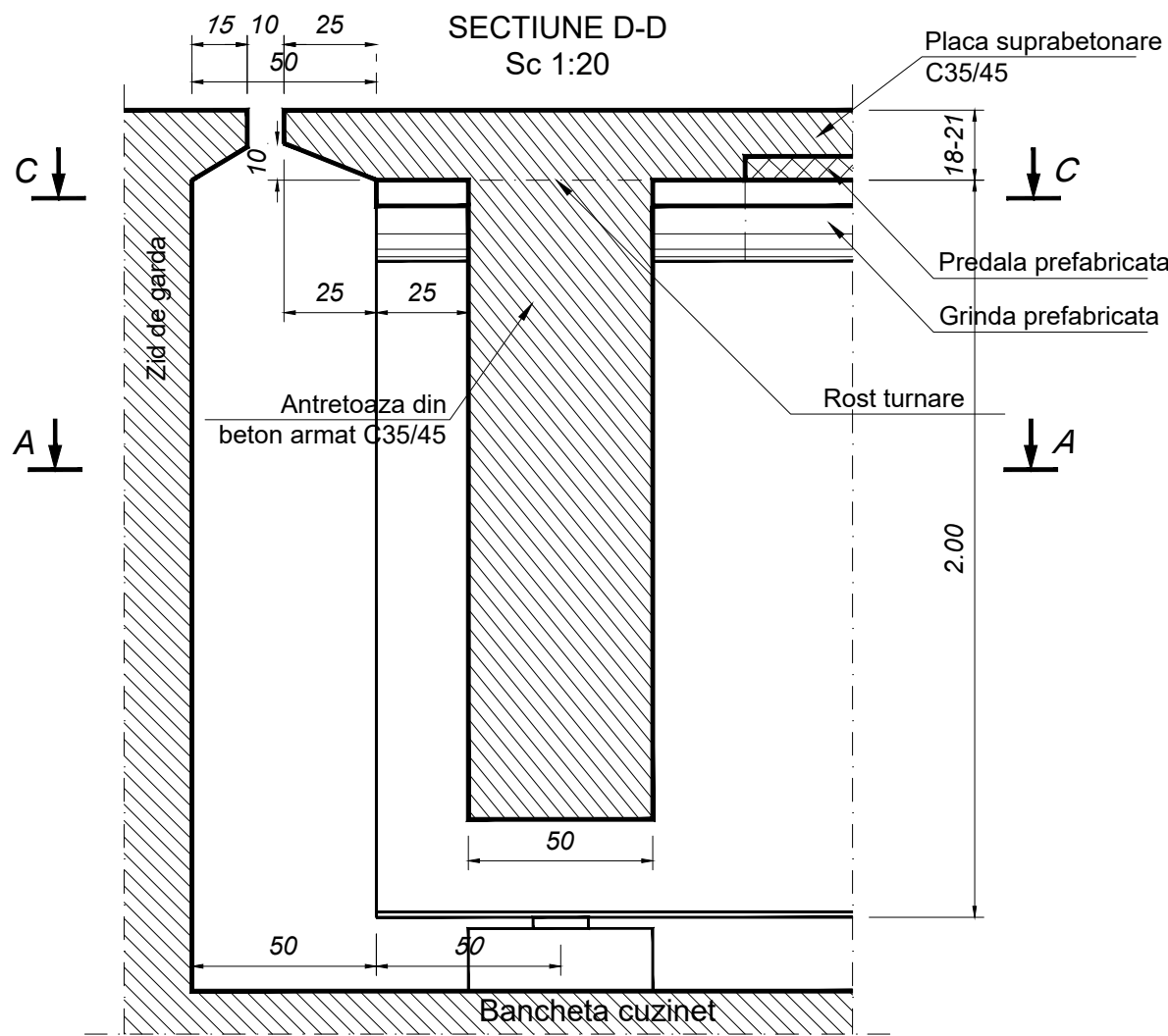
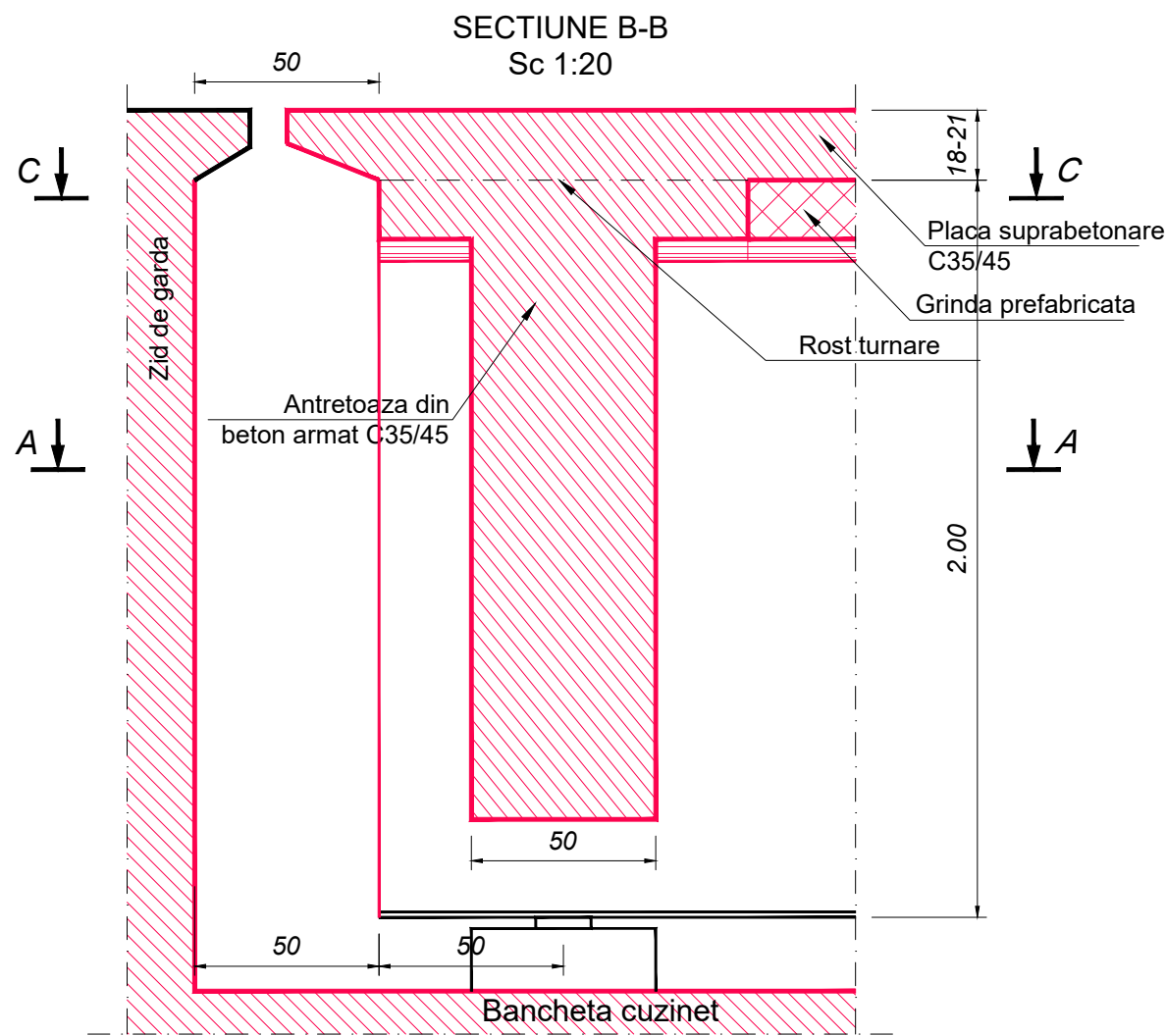


Manager de Proiect	ing. Silivan Moldovan
Sef Echipa Proiectare	ing. Raul Cocis
Inginer Proiectant Poduri	ing. Attila Takacs
Inginer Proiectant	ing. Teodor Sabadis

REVIZII		
NR. REV.	DATA	SEM

DENUMIRE PLANSA	
PASAJ KM 0+608 PESTE DJ 591 PLAN ARMARE BANCHETA, ZID DE GARDA SI ZIDURI INTOARSE C1	
Scara :	1:50
NUMAR PLANSA	





CERINTE DE CALITATE  
PLACA DE SUPRABETONARE  
Beton: C35/45  
Otel: B500C  
Clasa de expunere: XC3, XD1, XF2  
Valoare max. A/C: 0.55  
Dozaj min. ciment: 340 Kg/m³

LEGENDA:

REALIZAT-

NEREALIZAT-

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. Silviu Moldovan Sef Echipa Proiectare ing. Raul Cocis Inginer Proiectant Poduri ing. Attila Takacs Inginer Proiectant ing. Teodor Sabadis	REVIZII			DENUMIRE PLANSA PASAJ KM 0+608 PESTE DJ 591 SI LINII DE TRAMVAI PLAN COFRAJ PLACA DE SUPRABETONARE Scara: 1:50 1:20 NUMAR PLANSA 10036-VOTM-STR01-Cs-01
						NR. REV.	DATA	SEMN.	

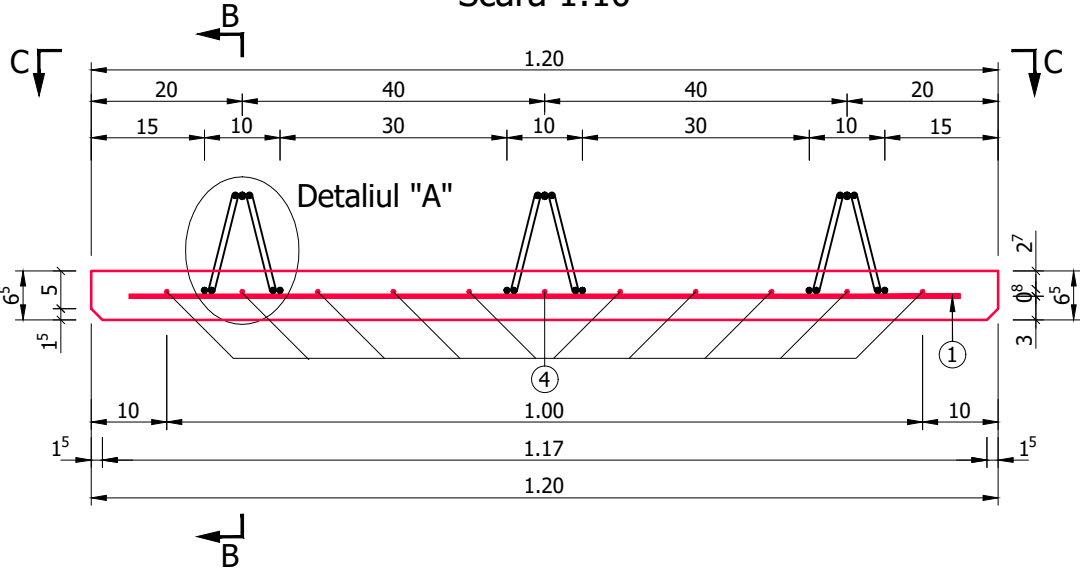






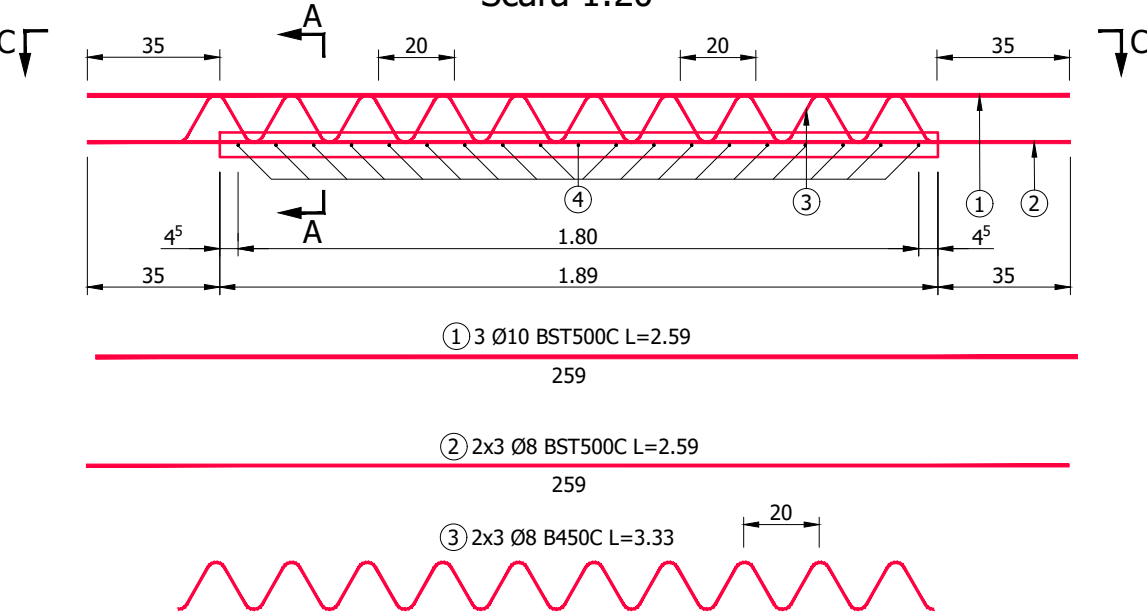
SECTIUNE TRANSVERSALA A-A

Scara 1:10



SECTIUNE LONGITUDINALA B-B

Scara 1:20



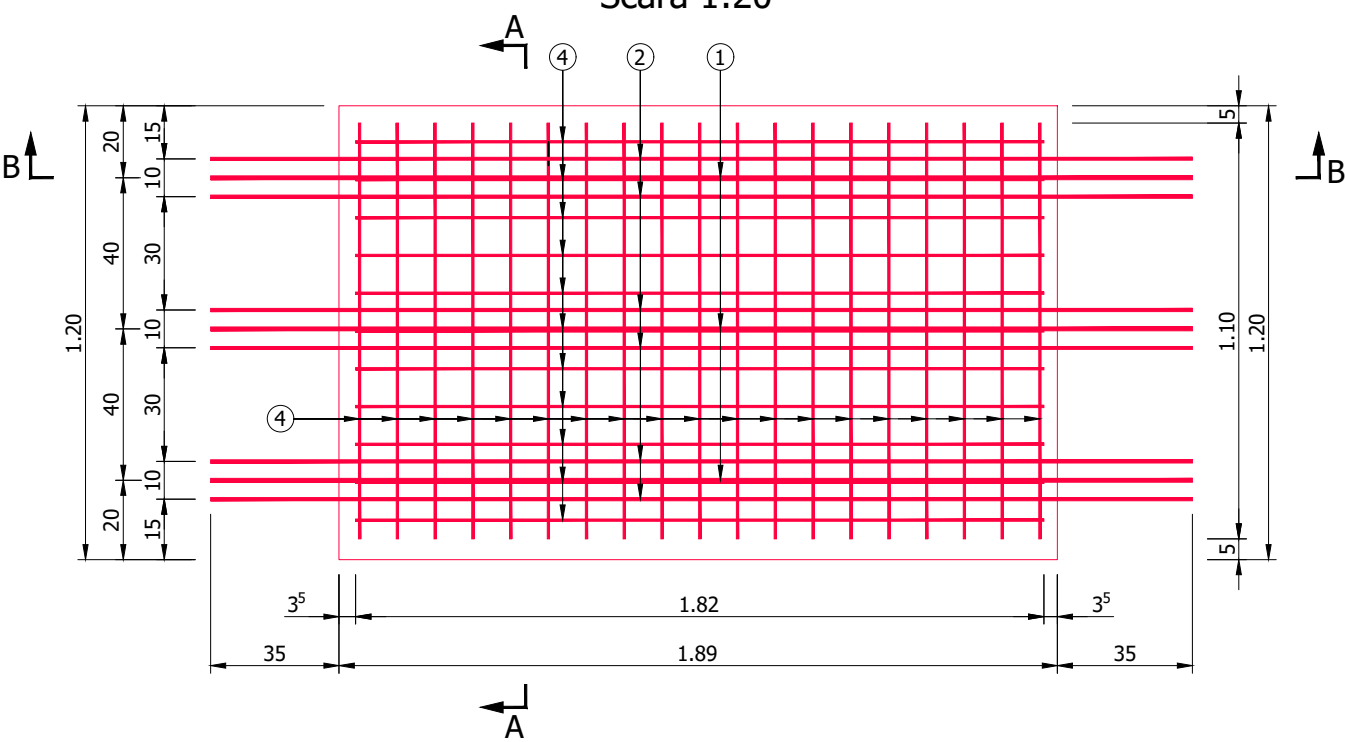
EXTRAS ARMATURA

Marca	$\phi$ (mm)	n (buc.)	L (m)	n x L - B450C		n x L - BST500C	
				$\phi 8$	$\phi 8$	$\phi 10$	
1	10	3	2.59			7.77	
2	8	6	2.59		15.54		
3	8	6	3.33	19.98			
TOTAL LUNGIMI PE DIAMETRU (m)				19.98	15.54	7.77	
GREUTATE PE METRU (kg/m)				0.395	0.395	0.617	
GREUTATE PE DIAMETRU (kg)				7.8921	6.1383	4.79409	
GREUTATE PE TIP DE OTEL (kg)				7.89		10.93	
GREUTATE TOTALA (kg)						18.90	



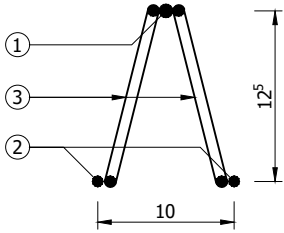
VEDERE PLANA C-C

Scara 1:20



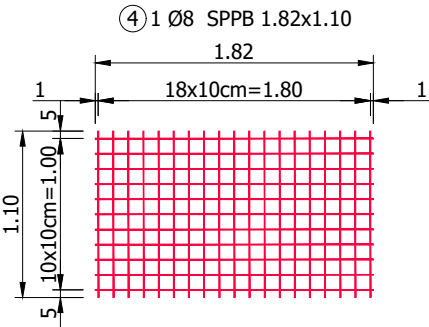
DETALIUL "A"

Scara 1:5



PLASA SUDATA

Scara 1:50



EXTRAS PLASA SUDATA

Marca	$\phi$ (mm)	n (buc.)	l (m)	L (m)	S (m <sup>2</sup> )	SPPB $\phi 8$
4	8	1	1.10	1.82	2.00	40.92
TOTAL LUNGIMI PE DIAMETRU (m)						40.92
GREUTATE PE METRU (kg/m)						0.395
GREUTATE PE DIAMETRU (kg)						16.1634
GREUTATE PE TIP DE OTEL (kg)						16.16
GREUTATE TOTALA (kg)						16.20

CERINTE DE CALITATE  
PREDALE

Beton: C35/45  
Otel: BST500C  
B450C  
Clasa de expunere: XC4, XD1, XF2.  
Valoare max. A/C: 0.55  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

INVESTITOR



COMPANIA NATIONALA DE ADMINISTRARE  
A INFRASTRUCTURII RUTIERE S.A.

PROIECTANT GENERAL



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. Teodor Sabadis

REVIZII

NR. REV. DATA SEMN.

DENUMIRE PLANSA

PASAJ KM 0+608 PESTE DJ 591  
SI LINII DE TRAMVAI  
PLAN ARMARE PREDALA  
PREFABRICATA 1.89x1.20

Scara : 1:50 1:20 1:10 1:5

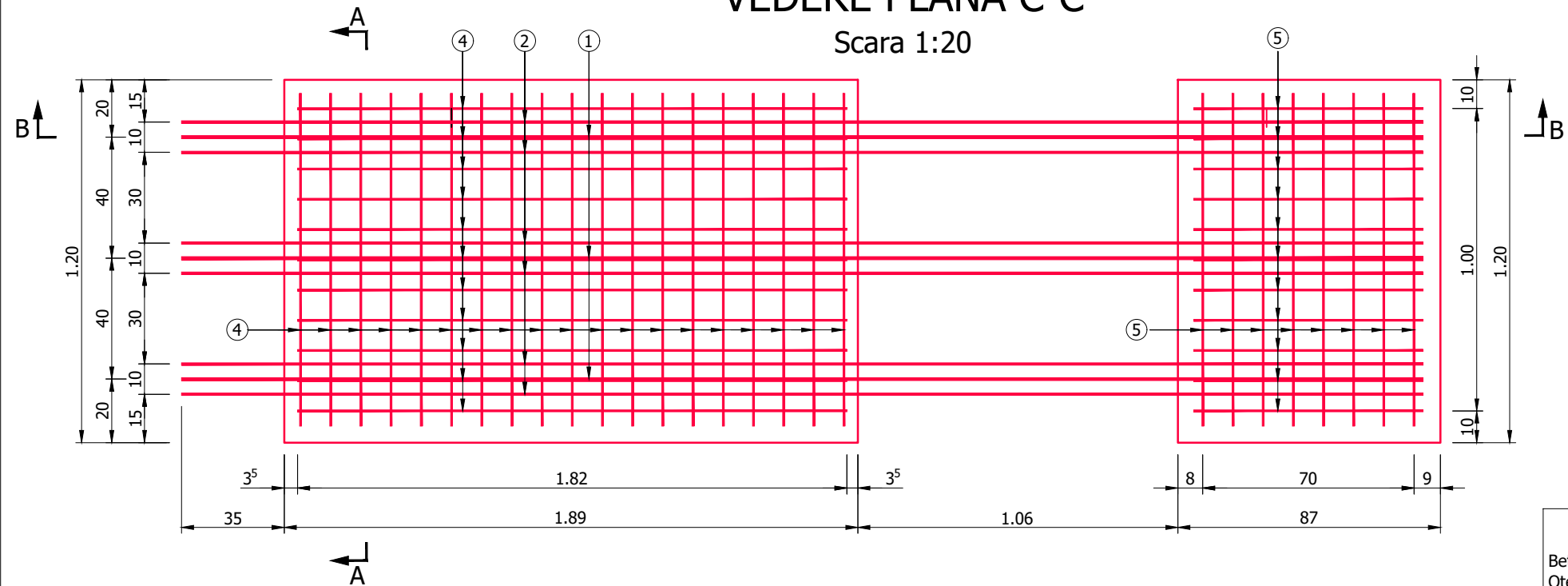
NUMAR PLANSA

10036-VOTM-STR01-AS-01



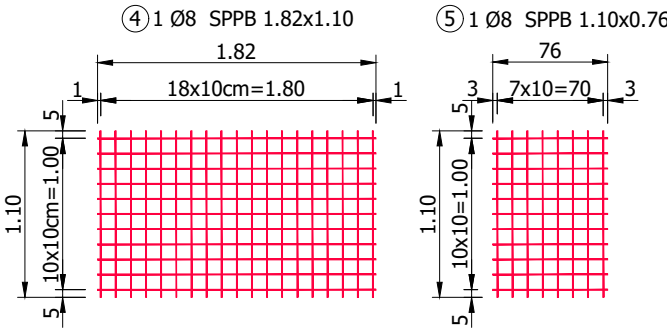
# VEDERE PLANA C-C

Scara 1:20



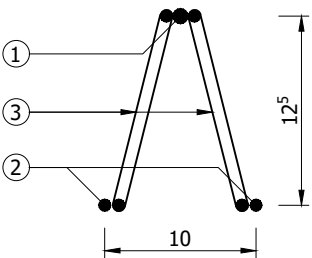
# PLASA SUDATA

Scara 1:50



# DETALIUL "A"

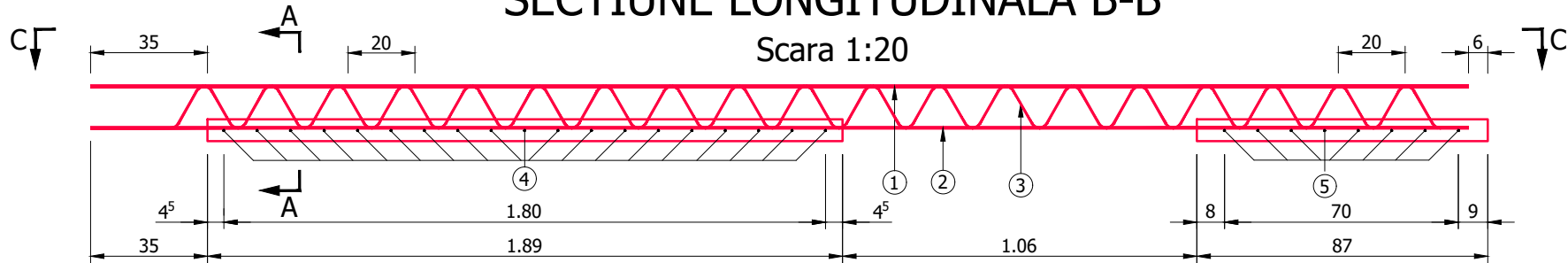
Scara 1:5



CERINTE DE CALITATE  
PREDALE  
Beton: C35/45  
Otel: BST500C  
B450C  
Clasa de expunere: XC4, XD1, XF2.  
Valoare max. A/C: 0.55  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

# SECTIUNE LONGITUDINALA B-B

Scara 1:20



① 3 Ø10 BST500C L=4.09

409

② 2x3 Ø8 BST500C L=4.09

409

③ 2x3 Ø8 B450C L=6.33

# EXTRAS ARMATURA

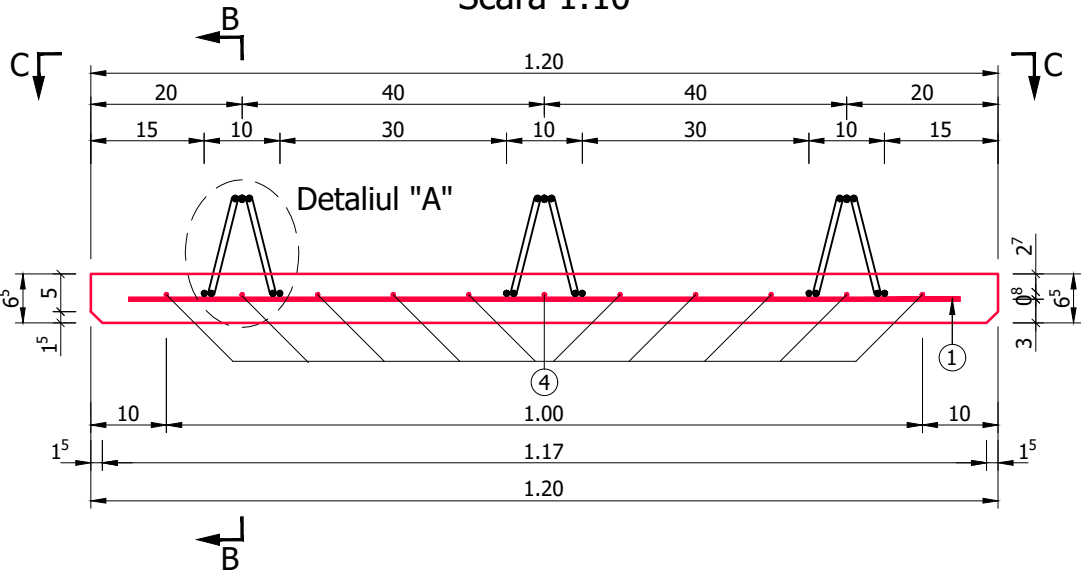
Marca	φ (mm)	n (buc.)	L (m)	nxL-B450C φ8	nxL-BST500C φ8	φ10
1	10	3	4.09		24.54	12.27
2	8	6	4.09			
3	8	6	6.33	37.98		
TOTAL LUNGIMI PE DIAMETRU (m)				37.98	24.54	12.27
GREUTATE PE METRU (kg/m)				0.395	0.395	0.617
GREUTATE PE DIAMETRU (kg)				15.00	9.693	7.571
GREUTATE PE TIP DE OTEL (kg)				15.00	17.26	
GREUTATE TOTALA (kg)					32.30	

# EXTRAS PLASA SUDATA

Marca	φ (mm)	n (buc.)	l (m)	L (m)	S (m <sup>2</sup> )	SPPB φ8
4	8	1	1.10	1.82	2.00	40.92
5	8	1	1.10	0.76	0.84	17.16
TOTAL LUNGIMI PE DIAMETRU (m)						58.08
GREUTATE PE METRU (kg/m)						0.395
GREUTATE PE DIAMETRU (kg)						22.942
GREUTATE PE TIP DE OTEL (kg)						22.94
GREUTATE TOTALA (kg)						23.00

# SECTIUNE TRANSVERSALA A-A

Scara 1:10



# INVESTITOR



COMPANIA NATIONALA DE ADMINISTRARE  
A INFRASTRUCTURII RUTIERE S.A.

# PROIECTANT GENERAL



# 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. Teodor Sabadis

# REVIZII

NR. REV.

DATA

SEMN.

# DENUMIRE PLANSA

PASAJ KM 0+608 PESTE DJ 591  
SI LINII DE TRAMVAI  
PLAN ARMARE PREDALA  
PREFABRICATA  
1.89x1.20 + 0.87x1.20

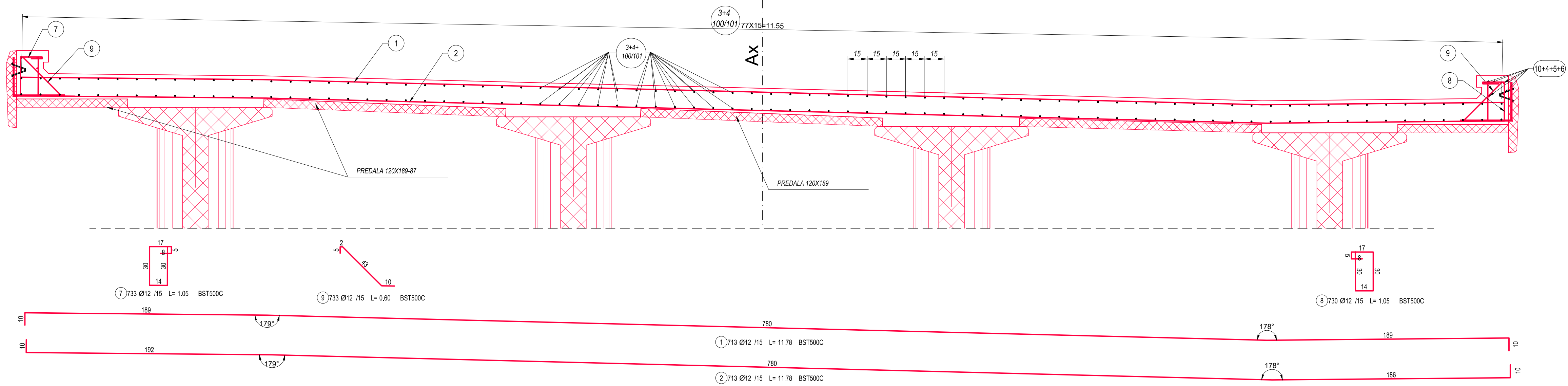
Scara : 1:50 1:20 1:10 1:5

# NUMAR PLANSA

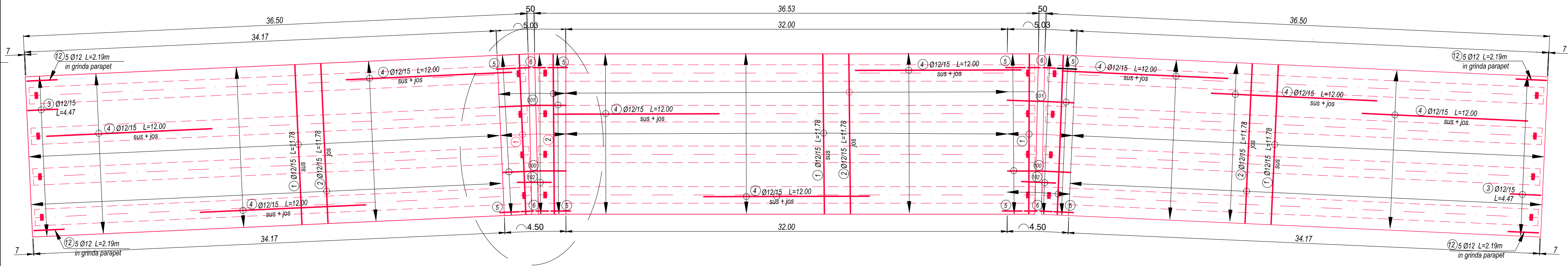
10036-VOTM-STR01-AS-02



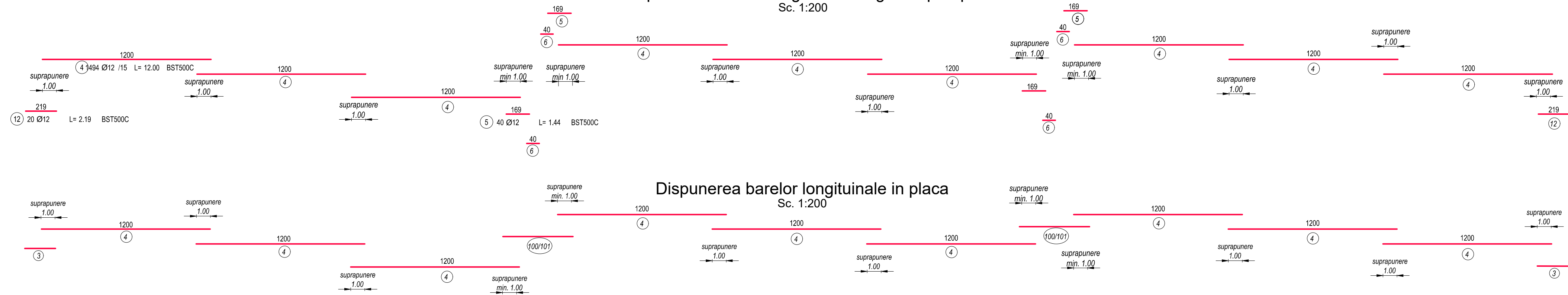
Secțiune transversală suprabetonare  
Sc. 1:20



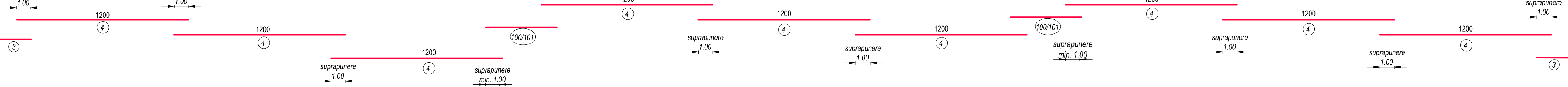
Vedere plană suprabetonare  
Sc. 1:200



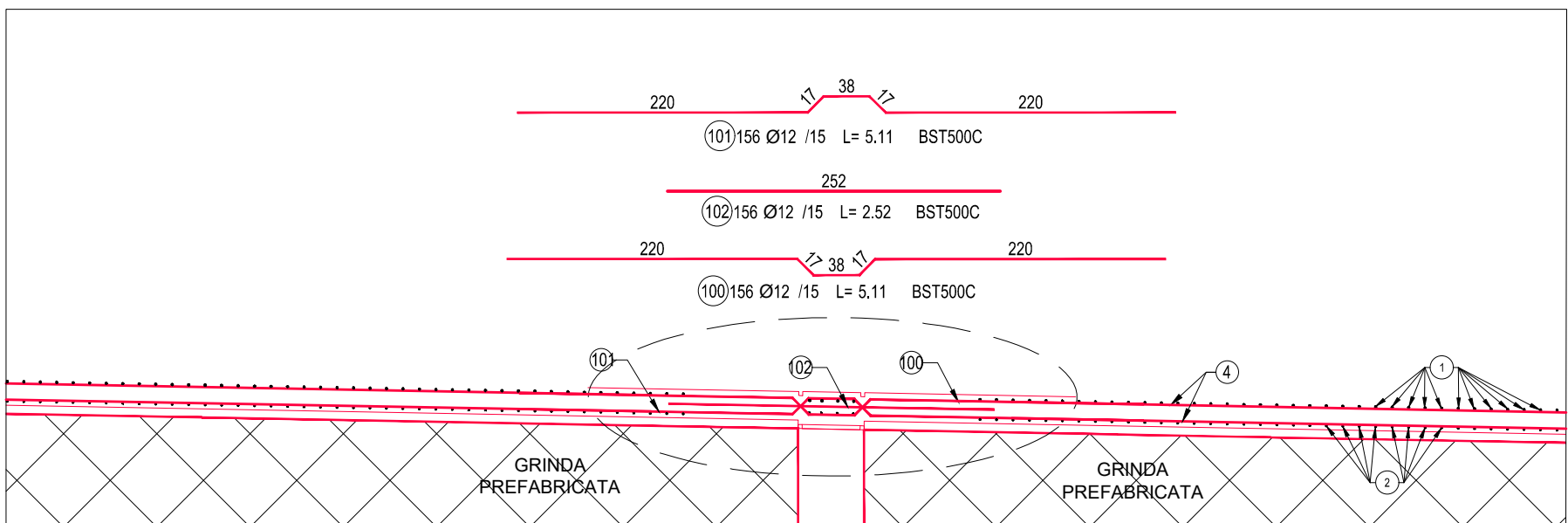
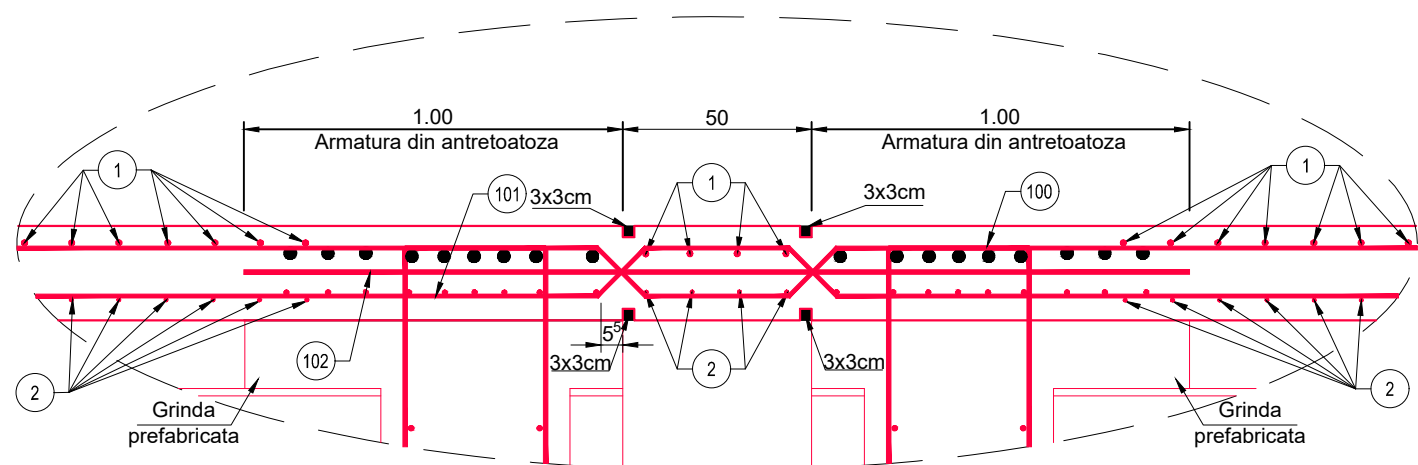
Dispunerea barelor longitudinale in grinda parapet  
Sc. 1:200



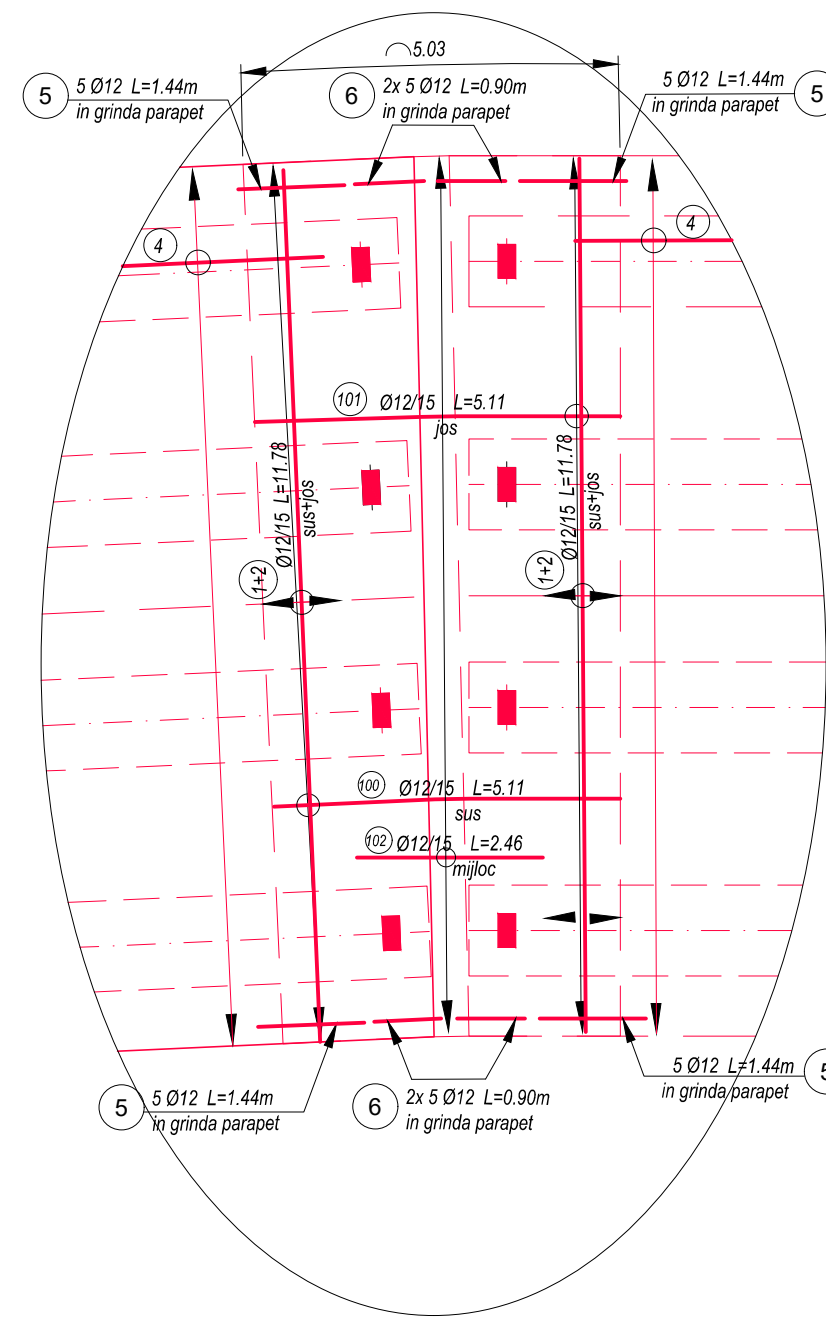
Dispunerea barelor longitudinale in placa  
Sc. 1:200



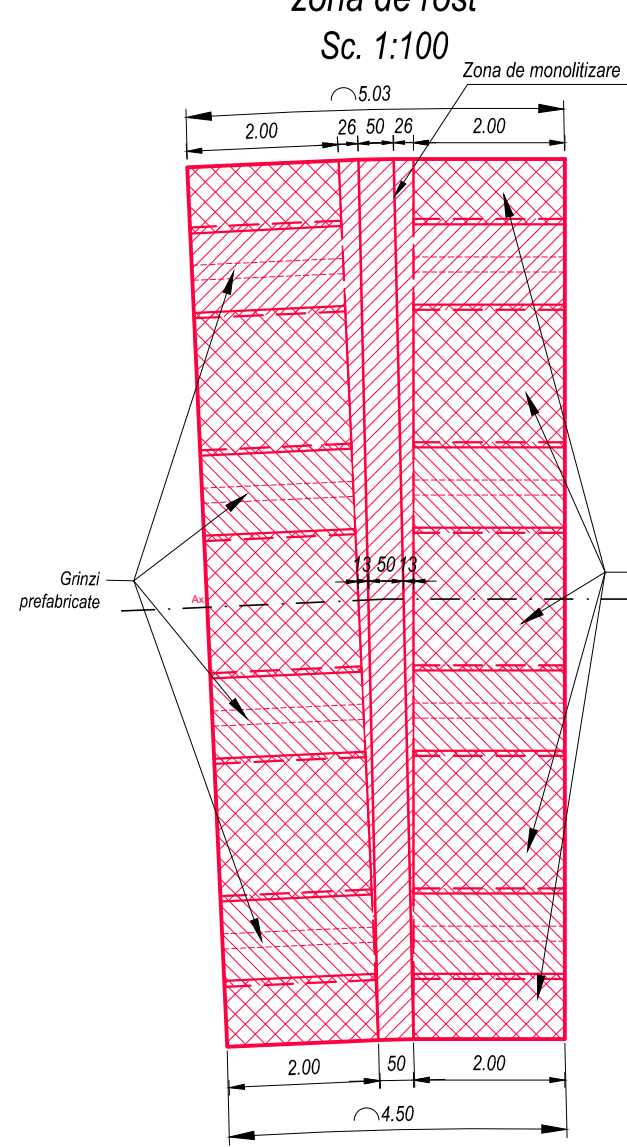
Detaliu de armare continuizare rost  
Sc. 1:20



Dispunerea armaturilor pe zona rost  
Sc. 1:100



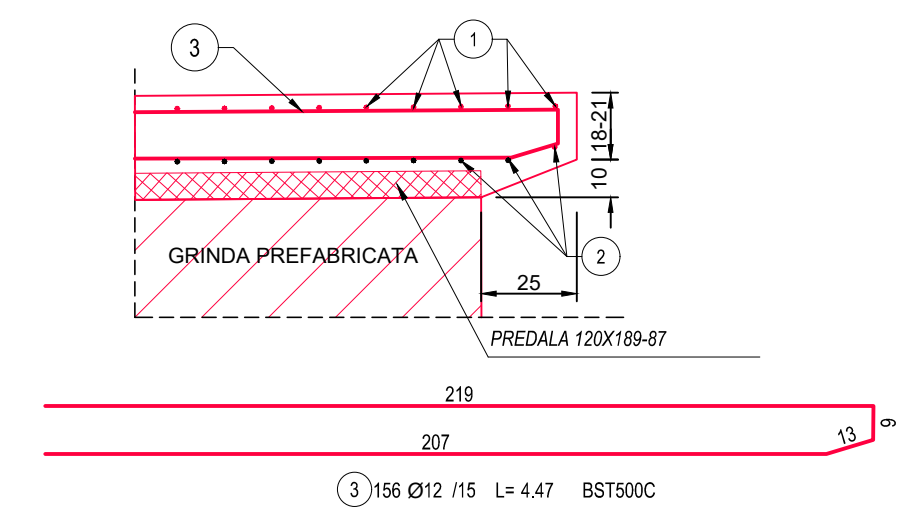
Detaliu monolitizare placa pe zona de rost  
Sc. 1:100



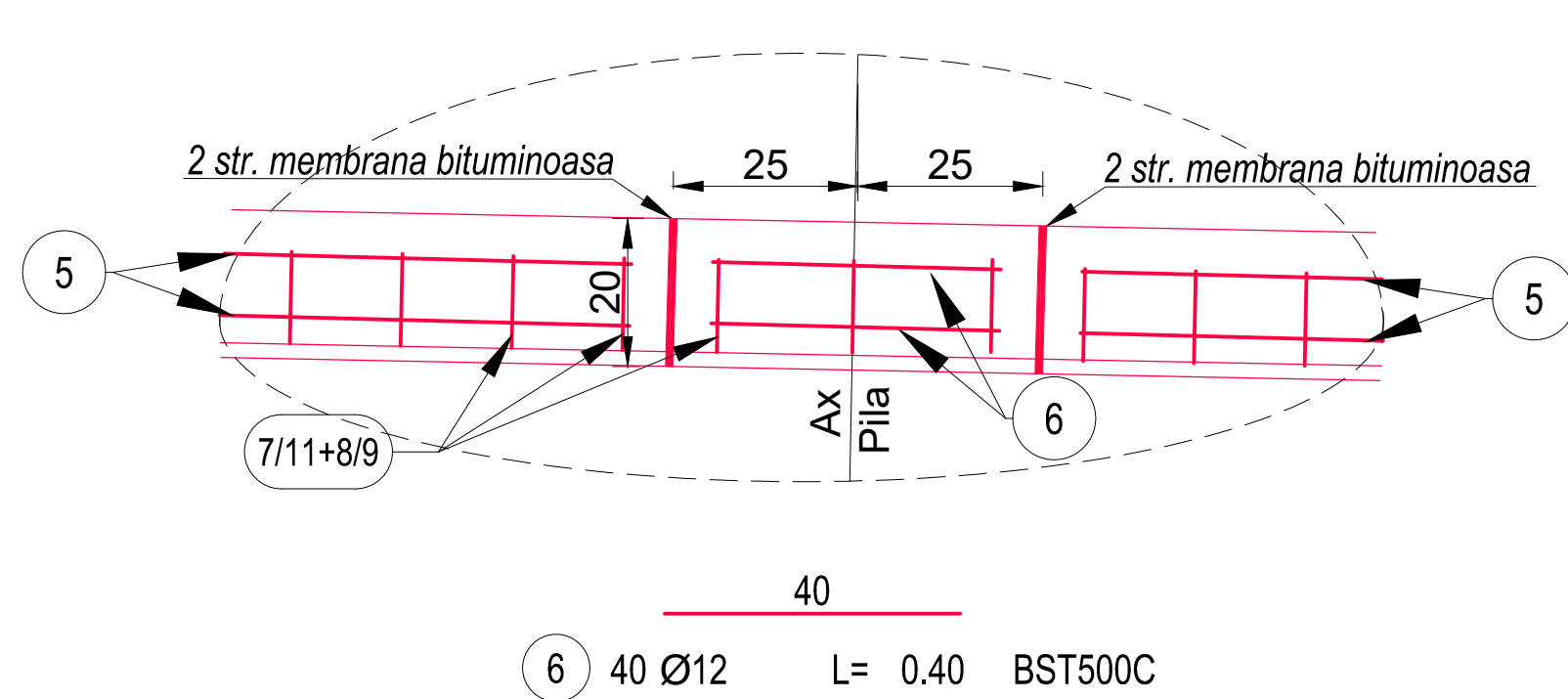
Extras de armatura

MARKA	DIMETRU	NR BUCATI	LUNGIMI [m]
			BST500C
			Ø12
1	12	713	11.78 8399.14
2	12	713	11.78 8399.14
3	12	156	4.47 697.32
4	12	1494	12.00 7928.00
5	12	40	1.44 57.60
6	12	40	0.40 16.00
7	12	733	1.05 766.65
8	12	733	1.05 766.65
9	12	733	0.60 438.60
10	12	20	2.19 43.80
100	12	156	5.11 797.16
101	12	156	5.11 797.16
102	12	156	2.52 383.12
LUNGIMI TOTALE [m]			39504.28
MASA			
total	/metru		0.889
	/diametru		35117.23
	totala		35117.23

Detaliu de armare zone de capat  
Sc. 1:20



Dispunerea armaturilor pe zona de rost in grinda parapet  
Sc. 1:20



NOTA:  
- Acoperirea minima la partea superioara a placii este 3.5cm, iar pe lisa de parapet este de minim 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 corectile sau clarificarile necesare.

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

LEGENDA:

REALIZAT-

NEREALIZAT-

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 COOLIRE 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. Silviu Moldovan Sef Echipa Proiectare Ing. Raul Coidis Inginer Proiectant Poduri Ing. Attila Takacs Inginer Proiectant Ing. Teodor Sabadis	REVIZII			DENUMIRE PLANSA PASAJ KM 0+608 PESTE DJ 591 SI LINII DE TRAMVAI PLAN ARMARE PLACA DE SUPRABETONARE Scara: 1:20, 1:100, 1:200 NUMAR PLANSA 10036-VOTM-STR01-AS-03
						NR.	REV.	DATA	SEMN.

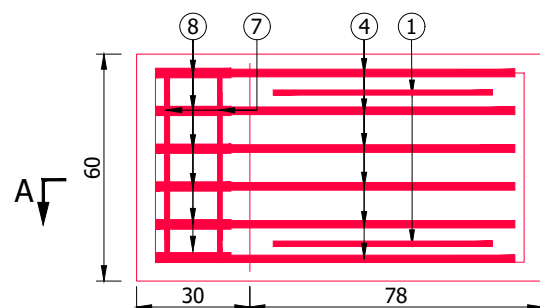


## EXTRAS DE ARMARE CUZINETI

MARCA	DIAMETRU	NR BUCATI	LUNGIMI [m]	/diametru			
				Ø10	Ø16	Ø20	Ø25
1	16	108	1.18		127.44		
2	10	72	4.07	293.04			
3	10	72	4.03	290.16			
4	20	72	2.44		175.68		
5	10	72	6.48	466.56			
6	10	72	7.58	545.76			
7	10	96	0.94	90.24			
8	25	72	3.28				236.16
LUNGIMI TOTALE[m]				1685.76	127.44	175.68	236.16
MASA [kg]	/metru			0.617	1.580	2.469	3.858
	/diametru			1040.66	201.40	433.81	911.17
	totala			2587.03			

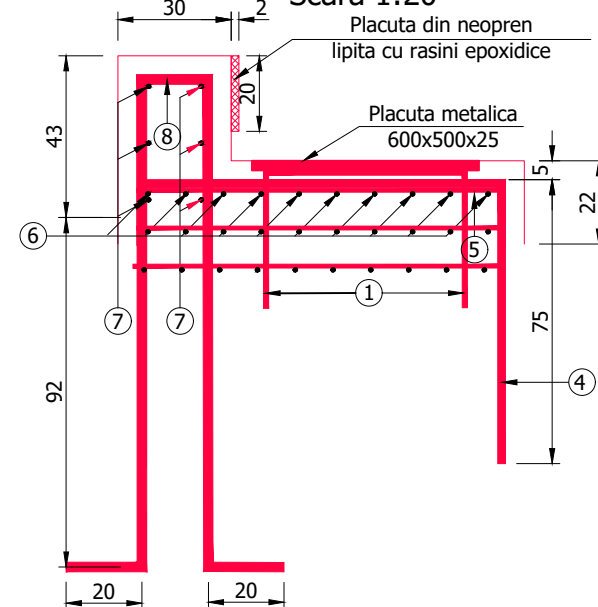
## SECTIUNE C-C

Scara 1:20



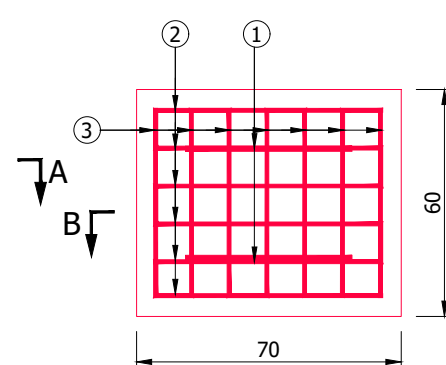
## SECTIUNE A-A

Scara 1:20



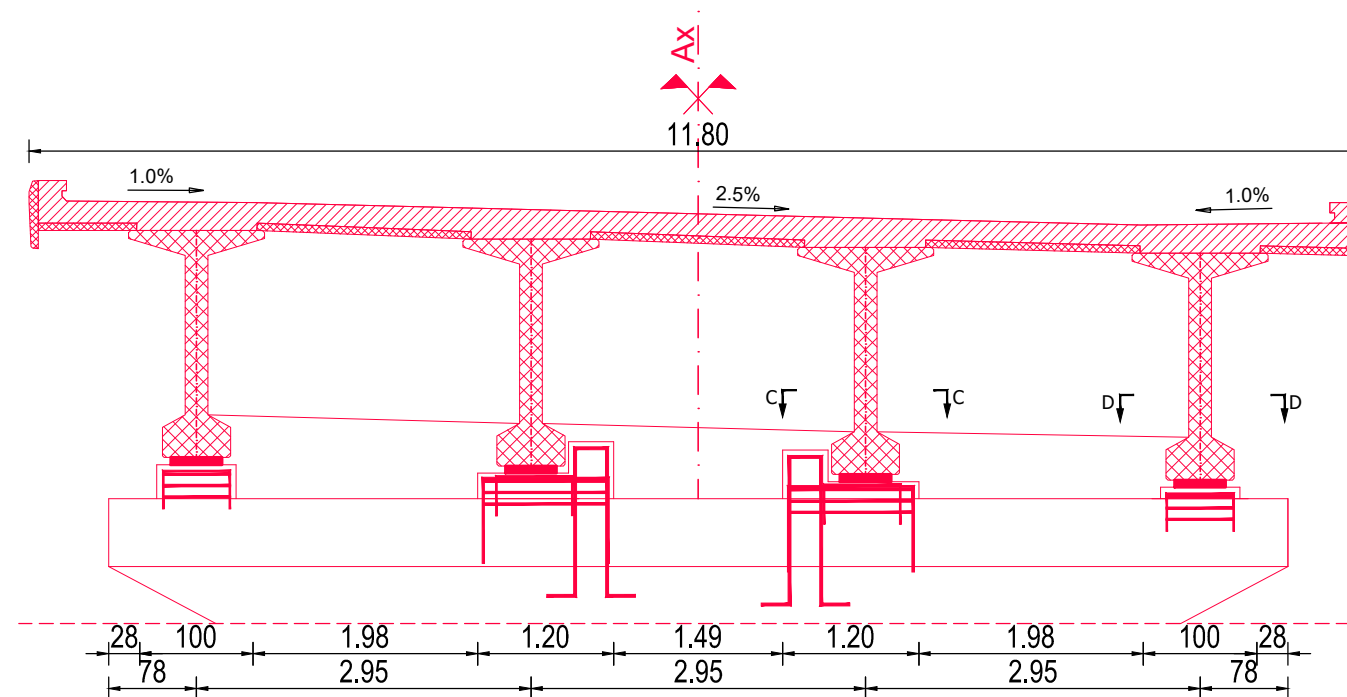
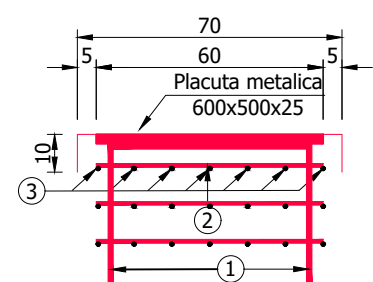
## SECTIUNE D-D

Scara 1:20



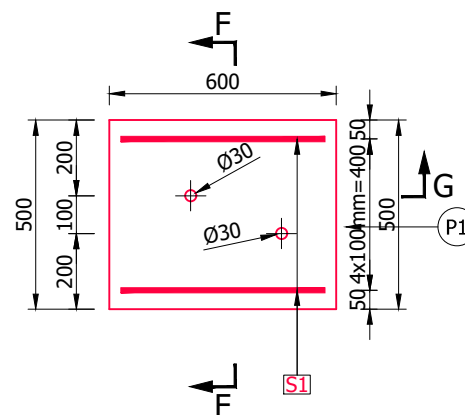
## SECTIUNE B-B

Scara 1:20



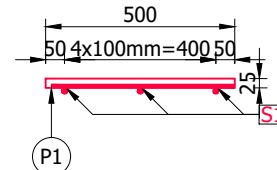
## SECTIUNE E-E

Scara 1:20



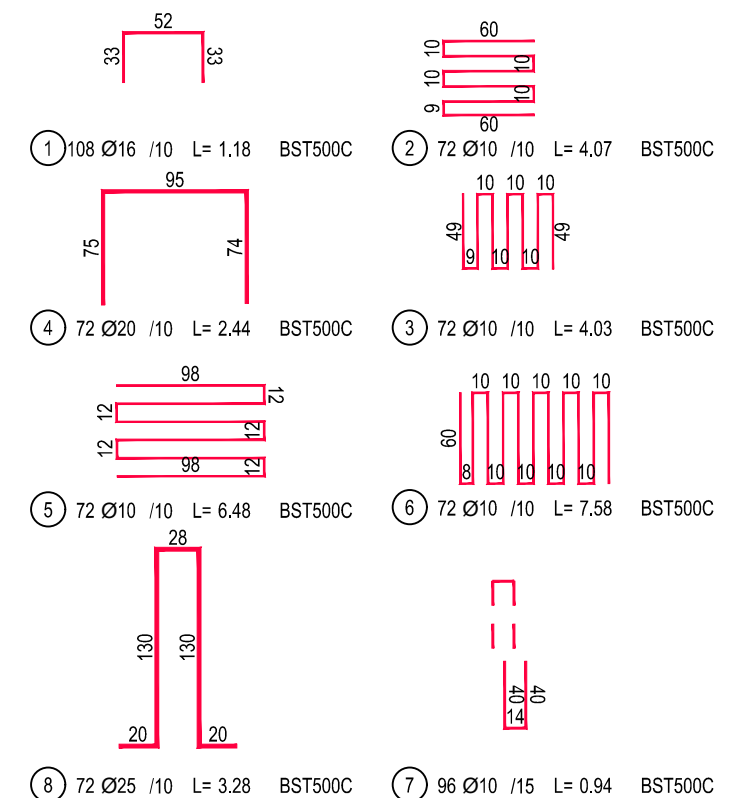
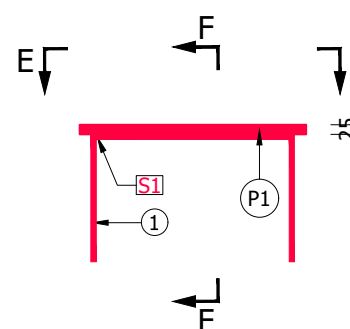
## SECTIUNE F-F

Scara 1:20



## SECTIUNE G-G

Scara 1:20



NOTA : Aceasta plansa se citeste impreuna cu Plan armare rigla;

CERINTE DE CALITATE  
ELEVATII  
Beton: C30/37  
Otel: BST500C  
Clasa de expunere: XC4+XD1+XF2.  
Valoare max. A/C: 0.50<sup>8</sup>  
Dozaj min. ciment: 320 Kg/m<sup>3</sup>

## LEGENDA:

REALIZAT-

NEREALIZAT-

## INVESTITOR



COMPANIA NATIONALA DE ADMINISTRARE  
A INFRASTRUCTURII RUTIERE SA

## PROIECTANT GENERAL



## 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. Teodor Sabadis

## REVIZII

NR. REV.	DATA	SEM.

## DENUMIRE PLANSA

PASAJ KM 0+608 PESTE  
DJ 591 SI LINII DE TRAMVAI

PLAN ARMARE CUZINETI

Scara : 1:50 1:20

## NUMAR PLANSA

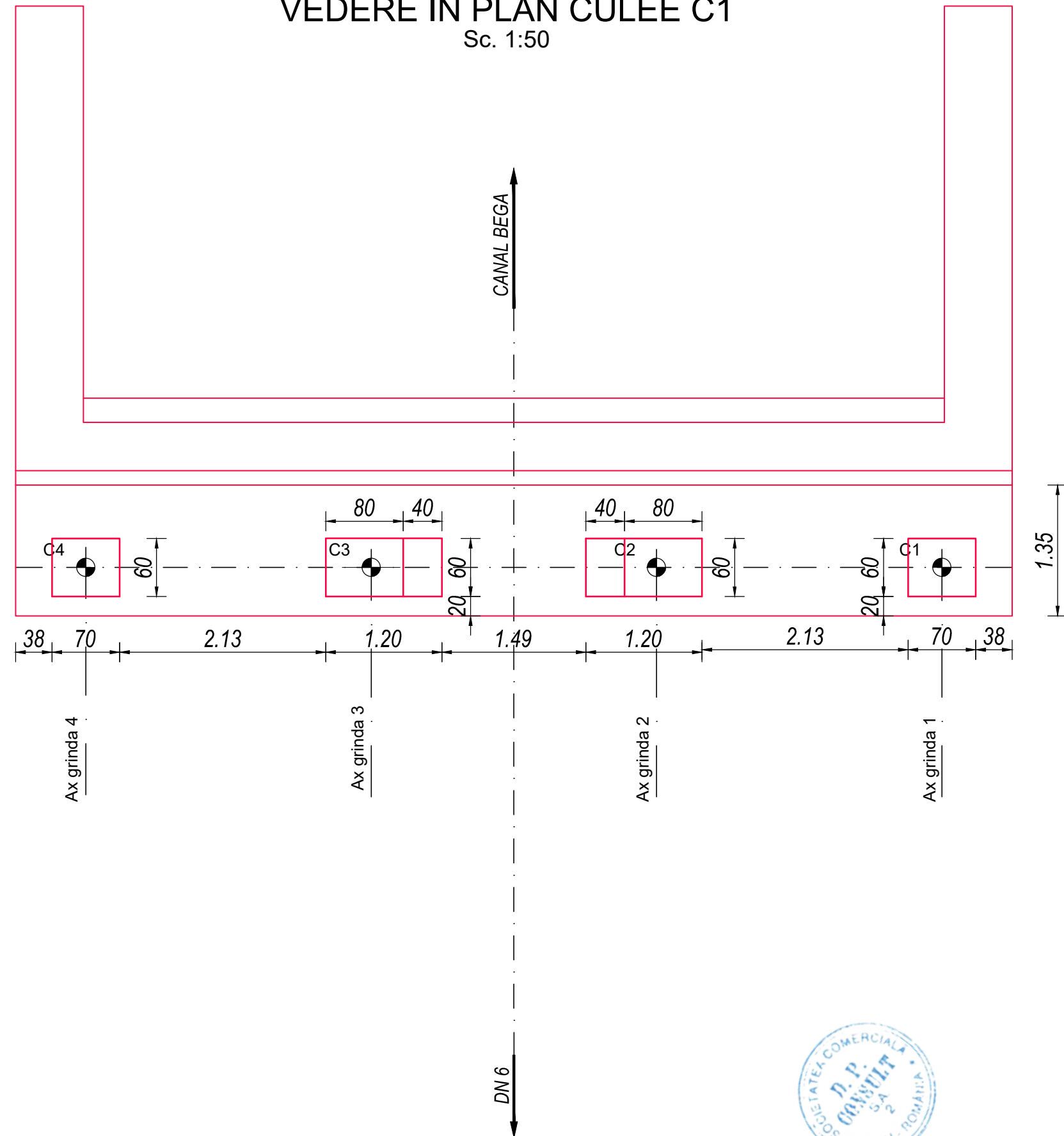
10036-VOTM-STR01-Ai-08



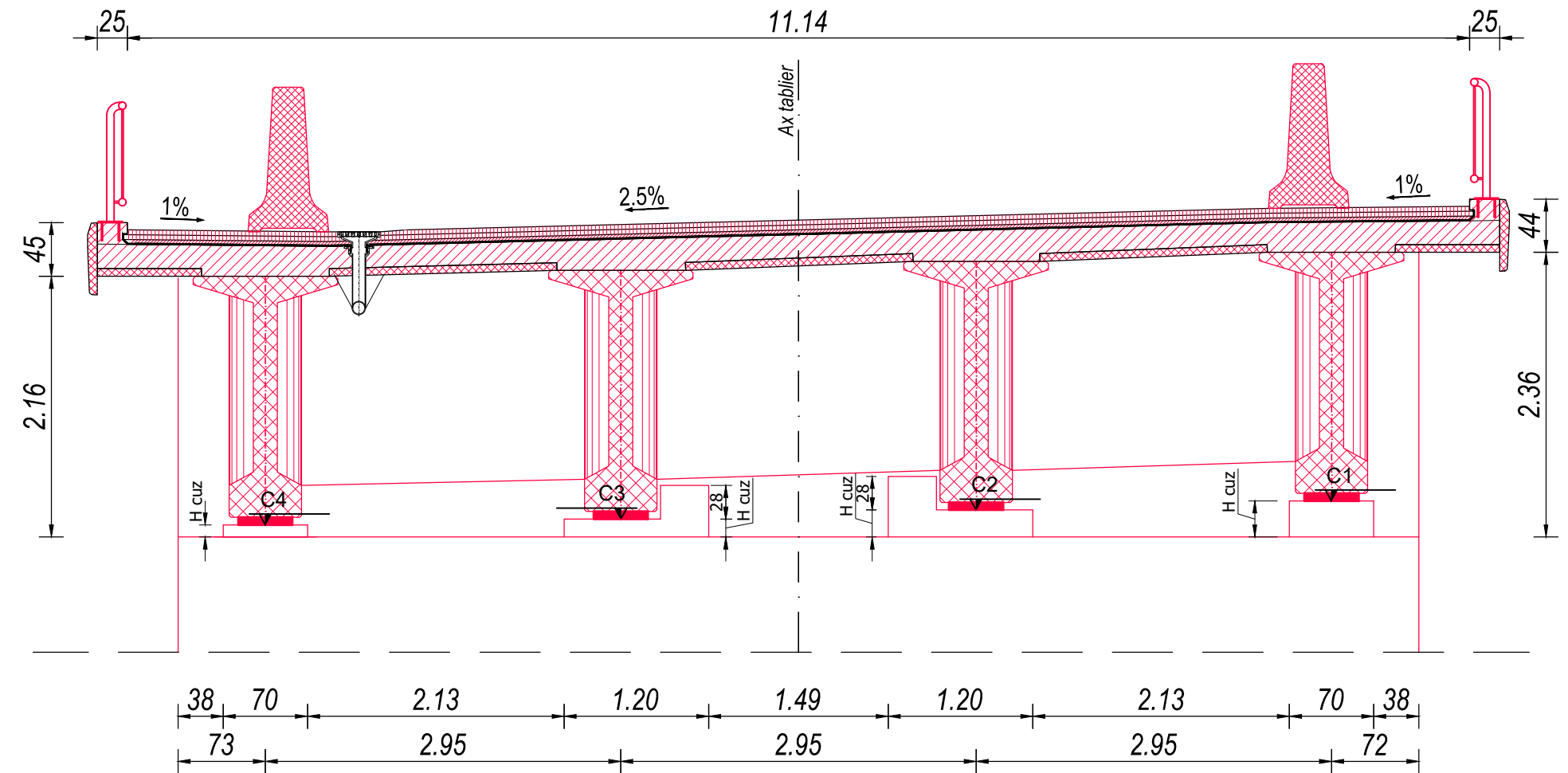




Sc. 1:50



Sc. 1:50



Cote cuzineti Culee C1				
	C4	C3	C2	C1
Cota cale pe culee	94.770	94.820	94.900	94.960
H-Ar+Gr+Sbet+Cale	2.437	2.443	2.443	2.433
Cota cuzinet	92.333	92.377	92.457	92.527

<p align="center"><b>CERINTE DE CALITATE ELEVATII</b></p> <p>Beton: C30/37  Otel: BST500C  Clasa de expunere: XC4, XD1, XF2.  Valoare max. A/C: 0.50  Dozaj min. ciment: 300 Kg/m<sup>3</sup></p>
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**LEGENDA:**

REALIZAT-

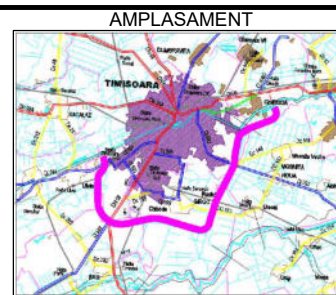
NEREALIZAT-

- Nota:
- Acoperirea cu beton a armaturilor din radier va fi de 5,0cm, acestea fiind masurate de la fata betonului pana la prima armatura intalnita;
- 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;



COMPANIA NATIONALA DE ADMINISTRARE  
A INFRASTRUCTURII RUTIERE S.A.

PROIECTANT GENERAL



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. Teodor Sabac

REVIZII

NR. REV.

DATA

SEMN.

DENUMIRE PLANSA

ASAJ KM 0+608 PESTE DJ 591  
SI LINII DE TRAMVAI

PLAN COFRAJ CUZINETI CULEE  
C1

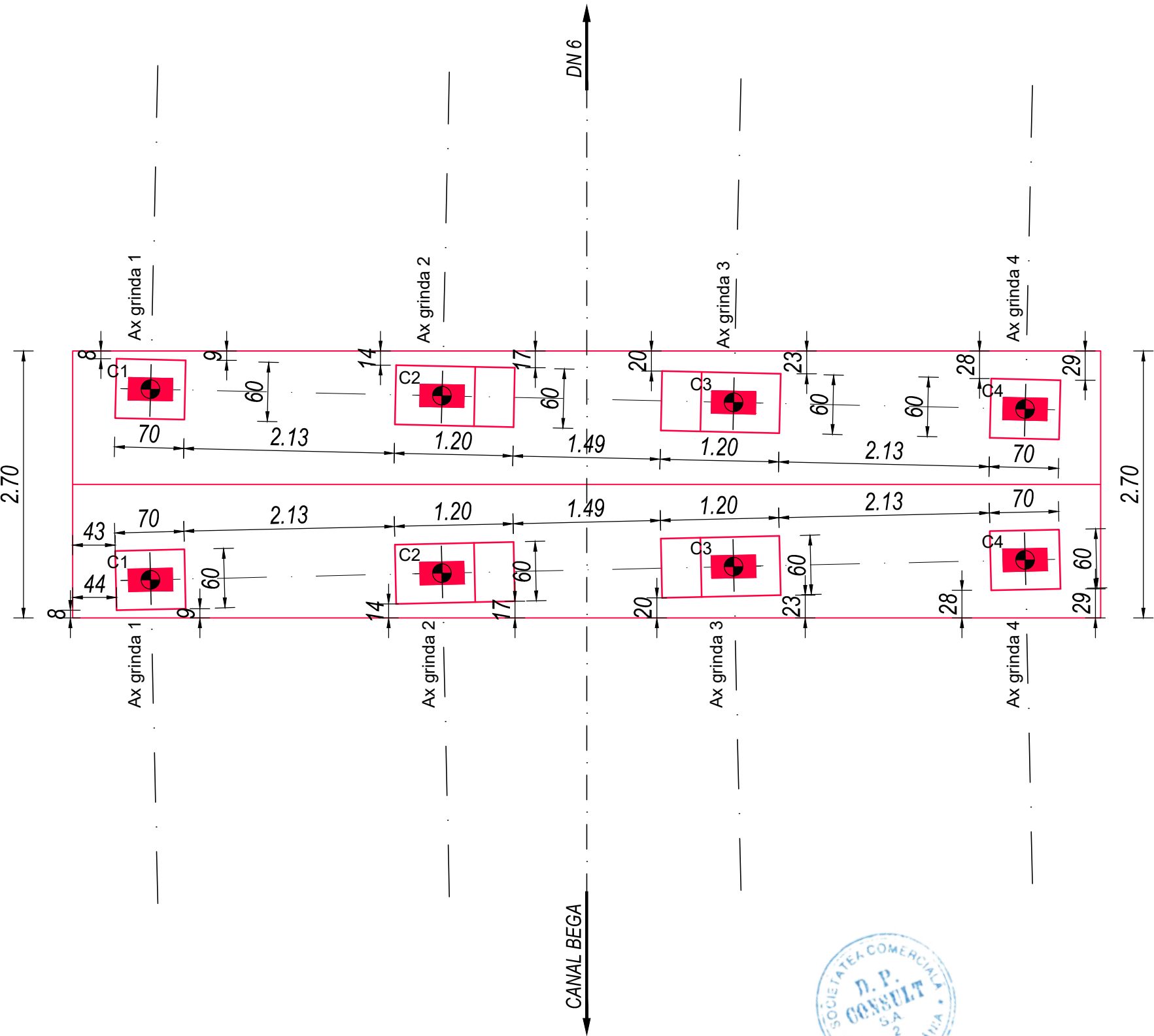
cara : 1:50

NUMAR PLANSA

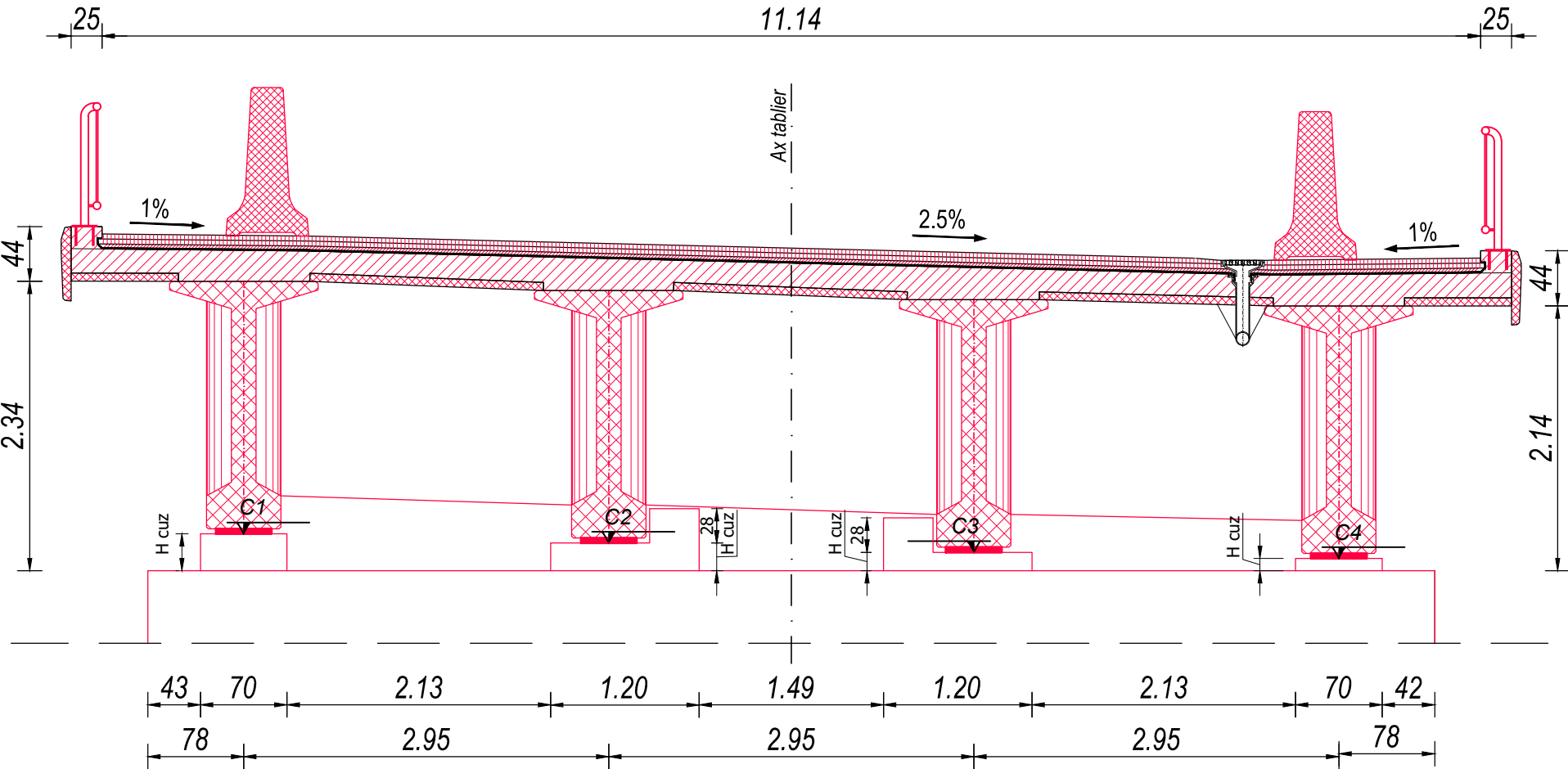
10036-VOTM-STR01-Ci-04



VEDERE IN PLAN PILA P1  
Sc. 1:50



VEDERE DIN FATA PLIA P1  
Sc. 1:50



Cote cuzineti Pila P1				
	C1	C2	C3	C4
Cota cale pe culee	95.350	95.290	95.210	95.160
H-Ar+Gr+Sbet+Cale	2.411	2.421	2.421	2.411
Cota cuzinet	92.939	92.869	92.789	92.749

- Nota:
- Acoperirea cu beton a armaturilor din radier va fi de 5,0cm, aceasta fiind masurata de la fata betonului pana la prima armatura intalnita;
  - 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;

CANAL BEGA



INVESTITOR	PROIECTANT GENERAL	AMPLASAMENT	DENUMIRE PROIECT PROIECTARE SI EXECUTIE "VARIANTA DE OCOLIRE TIMISOARA SUD" ELABORARE PROIECT TEHNIC REST DE EXECUTAT	FAZA PROIECT PROIECT TEHNIC REST DE EXECUTAT	Manager de Proiect ing. Silvan Moldovan Sef Echipa Proiectare ing. Raul Cocis Inginer Proiectant Poduri ing. Attila Takacs Inginer Proiectant ing. Teodor Sabadis	REVIZII			DENUMIRE PLANSA PASAJ KM 0+608 PESTE DJ 591 SI LINII DE TRAMVAI PLAN COFRAJ CUZINETI PILA P1 Scara : 1:50 NUMAR PLANSA 10036-VOTM-STR01-CI-05
						NR. REV.	DATA	SEMN.	
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE S.A.	THE WAY TO DARE BEYOND THE LIMITS CONSULT D.P. CONSULT S.A.		NUMAR CONTRACT: 550/36/09.02.2023 NUMAR PROIECT : 556	Data : 03.2023 VERIFICATOR TEHNIC					

CERINTE DE CALITATE  
ELEVATII  
Beton: C30/37  
Otel: BST500C  
Clasa de expunere: XC4, XD1, XF2.  
Valoare max. A/C: 0.50  
Dozaj min. ciment: 300 Kg/m³

LEGENDA:  
REALIZAT-  
NEREALIZAT-



*Sc. 1:50*



- Nota:
- Acoperirea cu beton a armaturilor din radier va fi de 5,0cm, acestea fiind masurate de la fata betonului pana la prima armatura intalnita;
- 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;

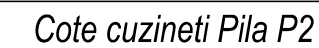


THE WAY TO DARE BEYOND THE LIMITS  
**DP CONSULT**  
D P CONSULT S.A.



NUMAR PROIECT : 556

Sc. 1:50



Cote cuzineti Pila P2				
	C1	C2	C3	C4
Cota cale pe culee	95.480	95.420	95.340	95.290
H-Ar+Gr+Sbet+Cale	2.433	2.443	2.443	2.433
Cota cuzinet	93.047	92.977	92.897	92.857

Beton: C30/37  
Otel: BST500C  
Clasa de expunere: XC4, XD1, XF2.  
Valoare max. A/C: 0.50  
Dozaj min. ciment: 300 Kg/m<sup>3</sup>

NEREALIZAT-

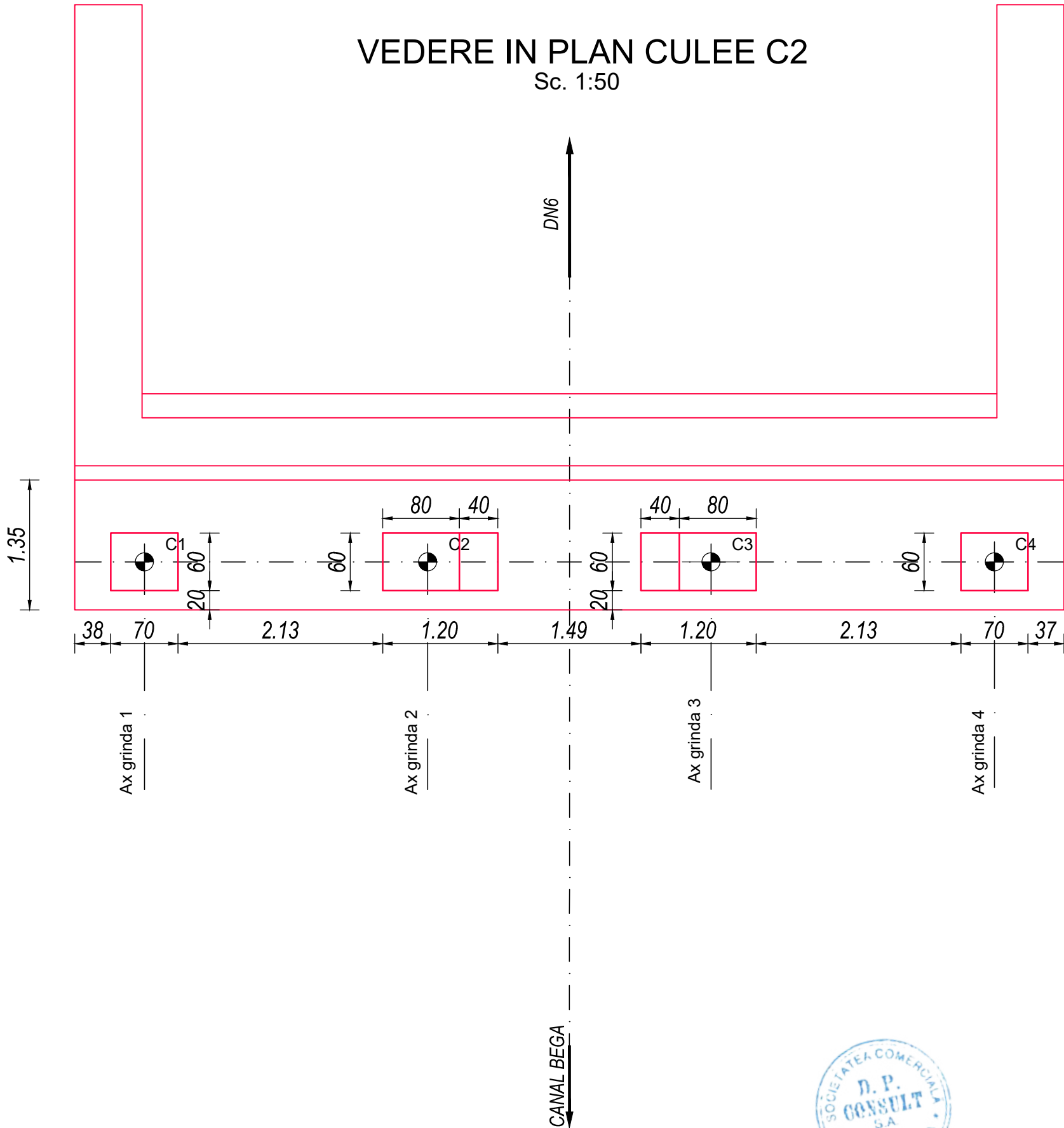
SEMN.

10036-VOTM-STR01-Ci-06

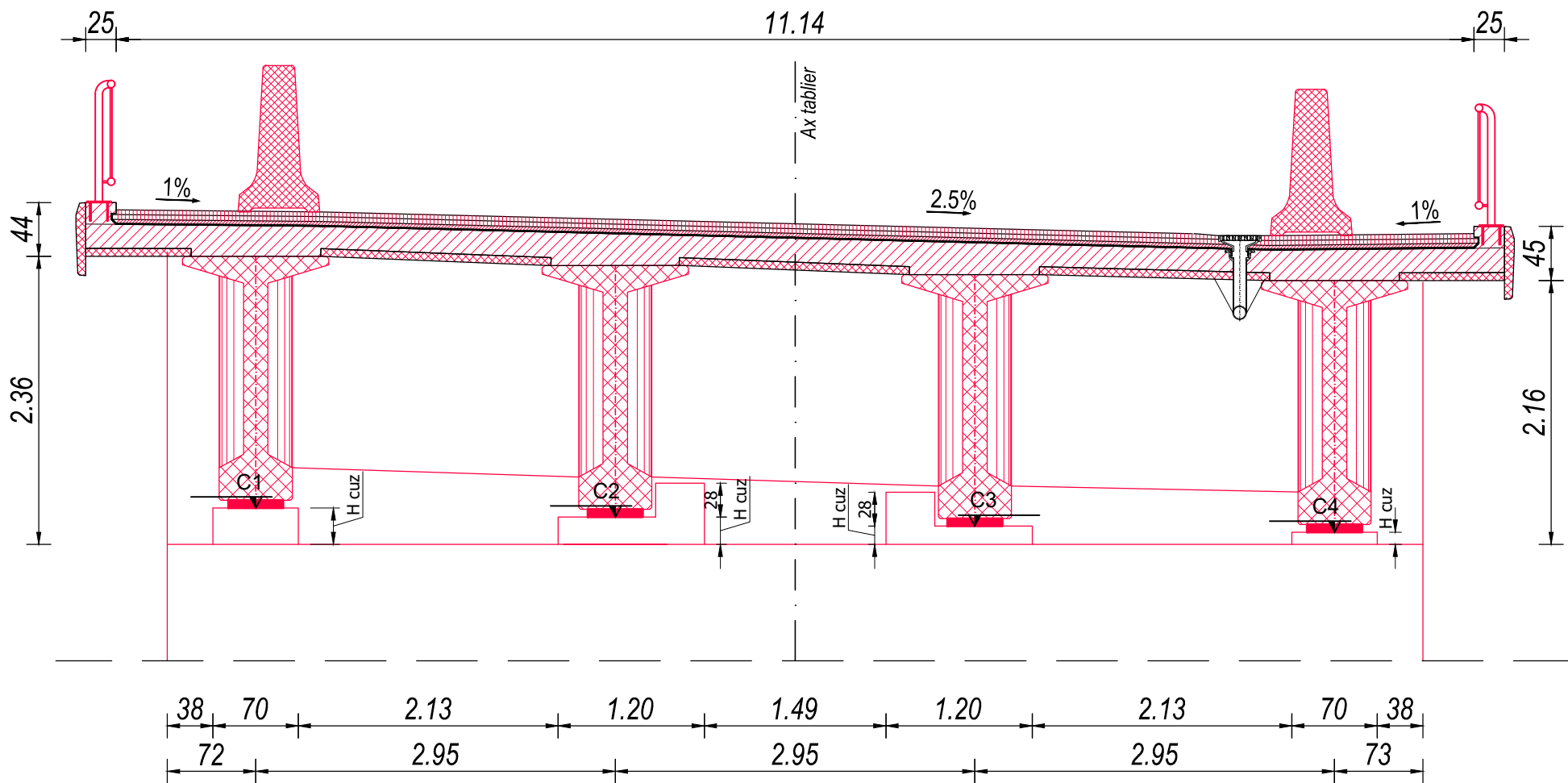
Inginer Proiectant  
ing. Teodor Sabadi



VEDERE IN PLAN CULEE C2  
Sc. 1:50



VEDERE DIN FATA CULEE C2  
Sc. 1:50



Cote cuzineti Culee C2				
	C1	C2	C3	C4
Cota cale pe culee	95.330	95.270	95.190	95.140
H-Ar+Gr+Sbet+Cale	2.434	2.443	2.443	2.433
Cota cuzinet	92.896	92.827	92.747	92.707

- Nota:
- Acoperirea cu beton a armaturilor din radier va fi de 5,0cm, aceasta fiind masurata de la fata betonului pana la prima armatura intalnita;
  - 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;

CANAL BEGA



INVESTITOR	PROIECTANT GENERAL	AMPLASAMENT	DENUMIRE PROIECT PROIECTARE SI EXECUTIE "VARIANTA DE OCOLIRE TIMISOARA SUD" ELABORARE PROIECT TEHNIC REST DE EXECUTAT	FAZA PROIECT PROIECT TEHNIC REST DE EXECUTAT	Manager de Proiect ing. Silvan Moldovan Sef Echipa Proiectare ing. Raul Cocis Inginer Proiectant Poduri ing. Attila Takacs Inginer Proiectant ing. Teodor Sabadis	REVIZII			DENUMIRE PLANSA PASAJ KM 0+608 PESTE DJ 591 SI LINII DE TRAMVAI PLAN COFRAJ CUZINETI CULEE C2 Scara : 1:50 NUMAR PLANSA 10036-VOTM-STR01-CI-07
						NR. REV.	DATA	SEMN.	
COMPANIA NATIONALA DE ADMINISTRARE A INFRASTRUCTURII RUTIERE S.A.	THE WAY TO DARK BEYOND THE LIMITS CONSULT D.P. CONSULT S.A.		NUMAR CONTRACT: 550/36/09.02.2023 NUMAR PROIECT : 556	Data : 03.2023 VERIFICATOR TEHNIC					