


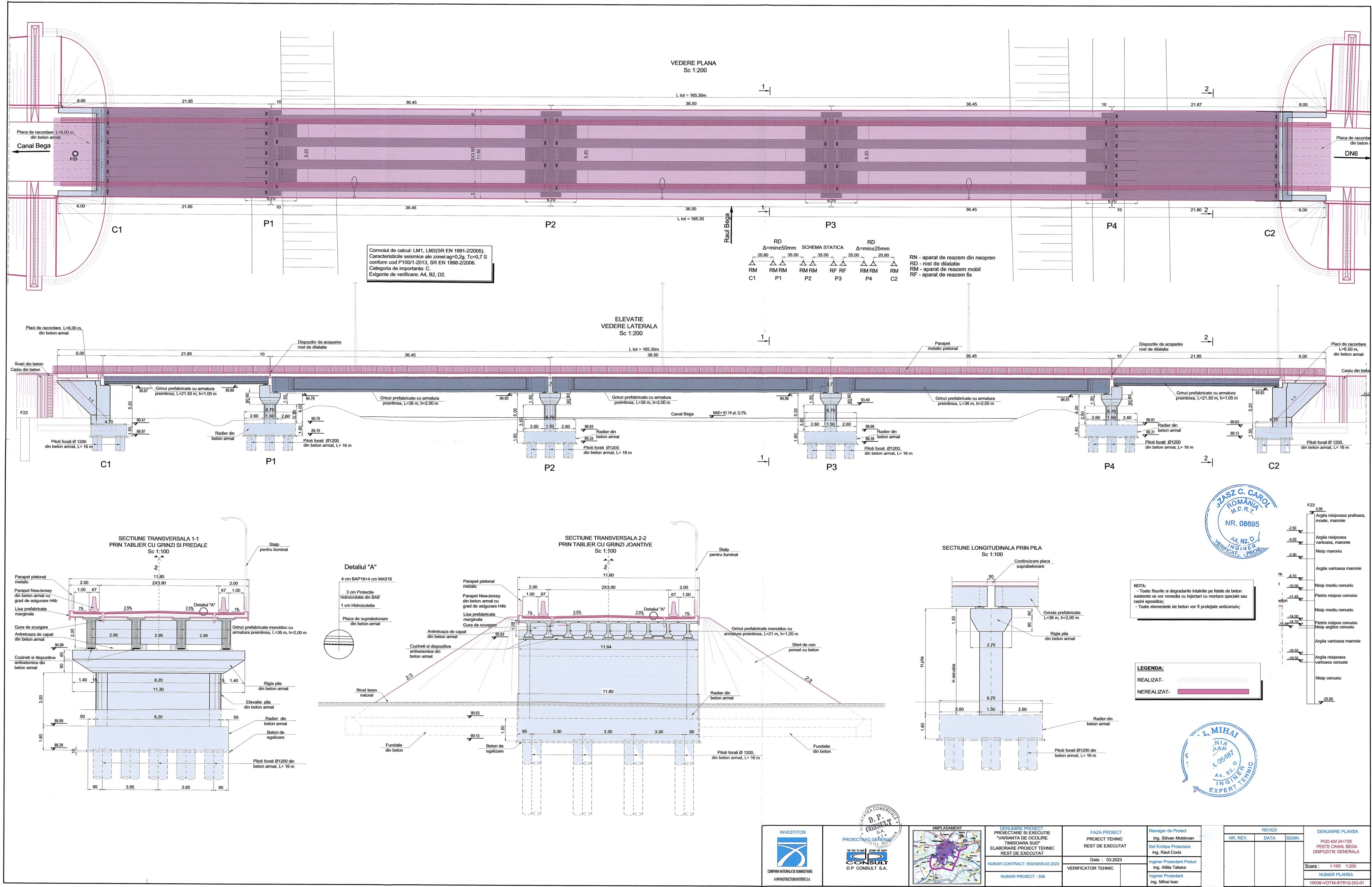


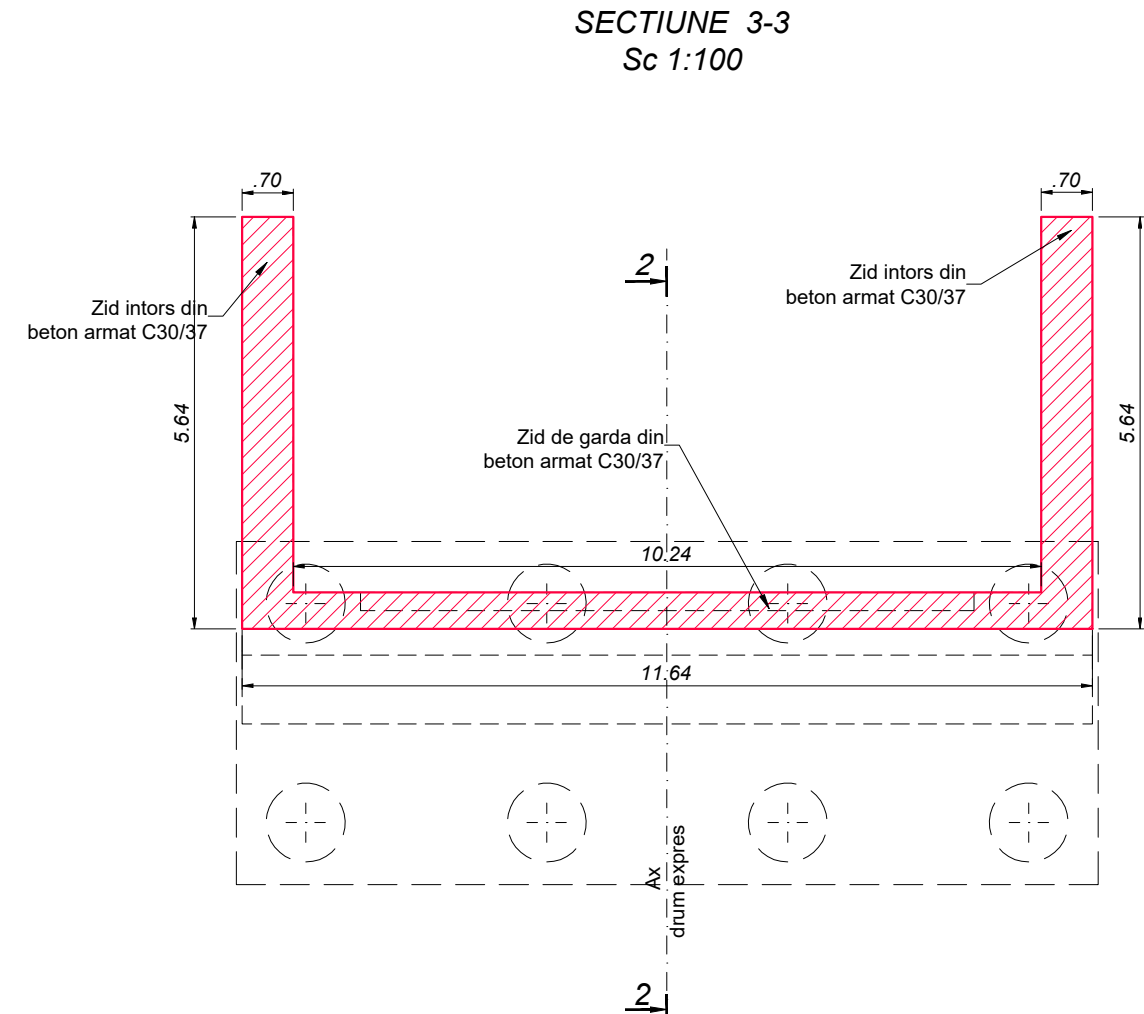
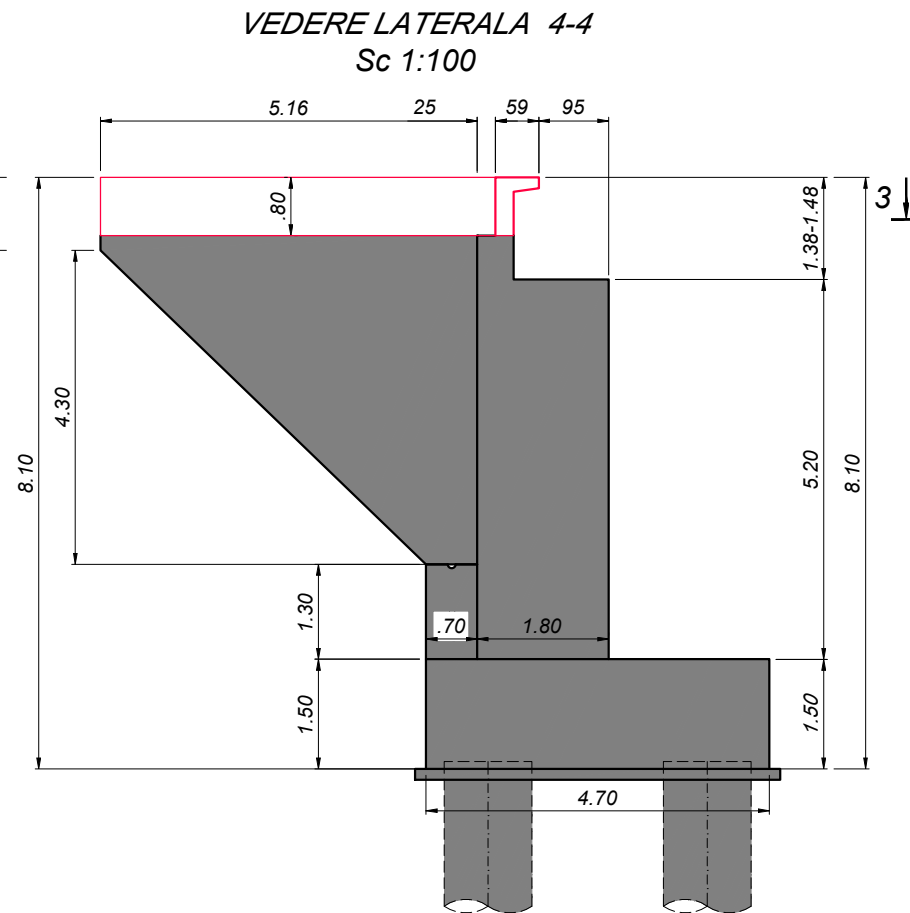
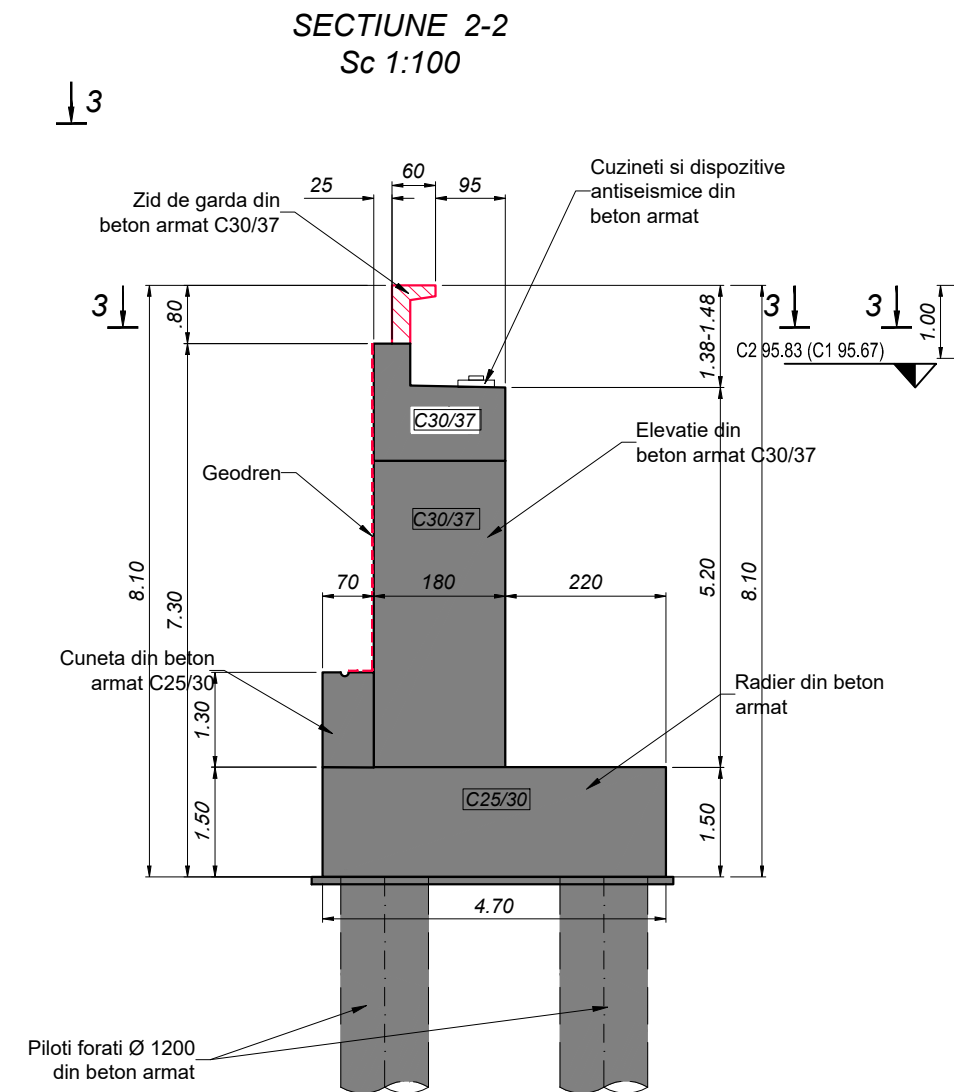
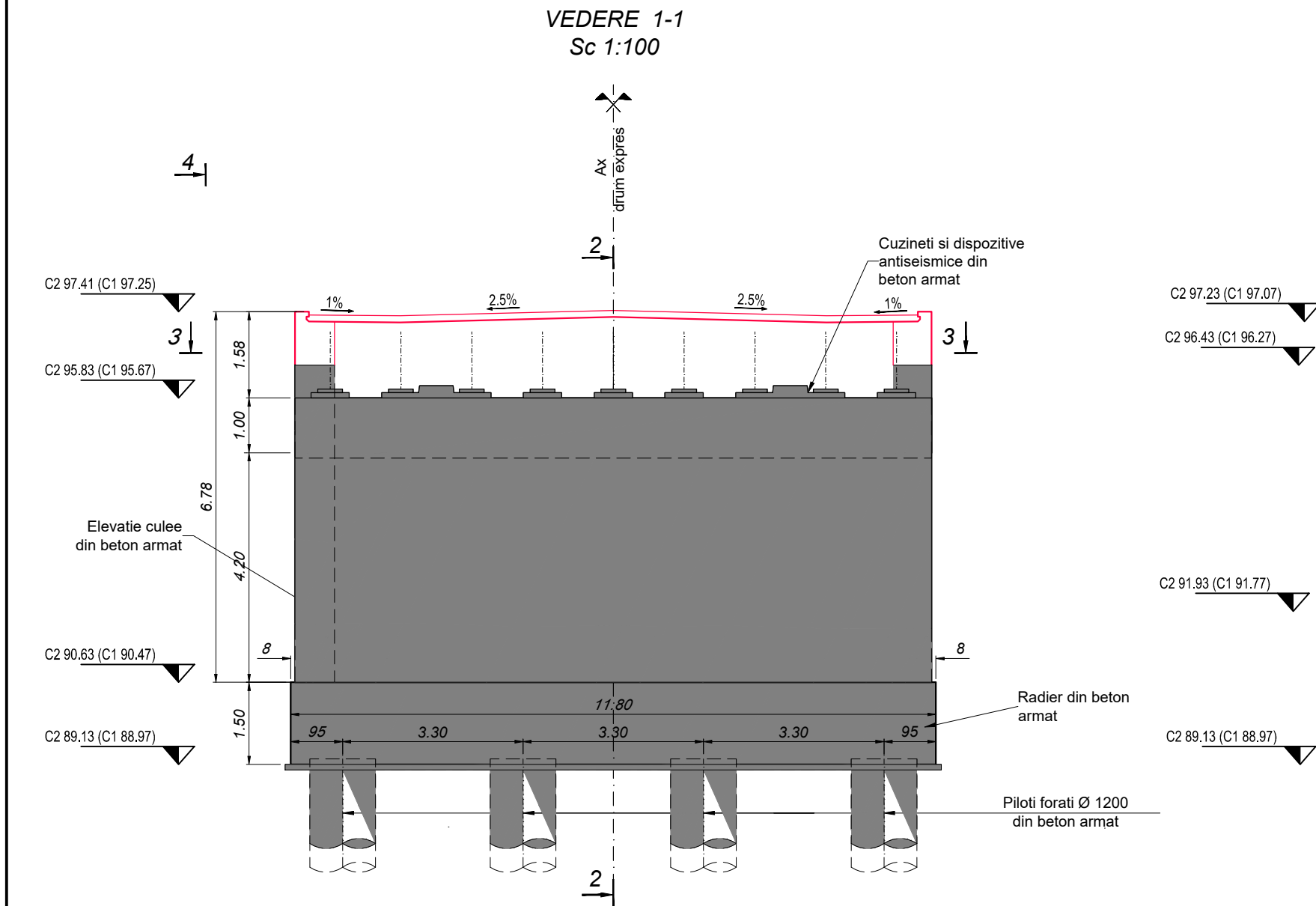
NOTA:  
- Toate fisurile si degradarile intalnite pe fetele de beton existente se vor remedia cu injectari cu mortare speciale sau rasini epoxidice;  
- Toate elementele de beton vor fi protejate anticoroziv;

 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 Coos Inginer Proiectant Poduri Ing. Attila Takacs Inginer Proiectant Ing. Mihai Isac	REVIZII			DENUMIRE PLANSA POD KM 24+725 PESTE CANAL BEGA RELEVU Scara : 1:100 1:200 NUMAR PLANSA 10036-VOTM-STR12-RLE-01
						NR. REV.	DATA	SEMN.	









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  
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

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 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. Silivan Moldovan  Sef Echipa Proiectare ing. Raul Coois  Inginer Proiectant Poduri ing. Attila Takacs  Inginer Proiectant ing. Mihai Isac	REVIZII			DENUMIRE PLANSA POD KM 24+725 PESTE CANAL BEGA PLAN COFRARE CULEI  Scara : 1:100  NUMAR PLANSA 10036-VOTM-STR12-Ci-01
						NR. REV.	DATA	SEMN.	

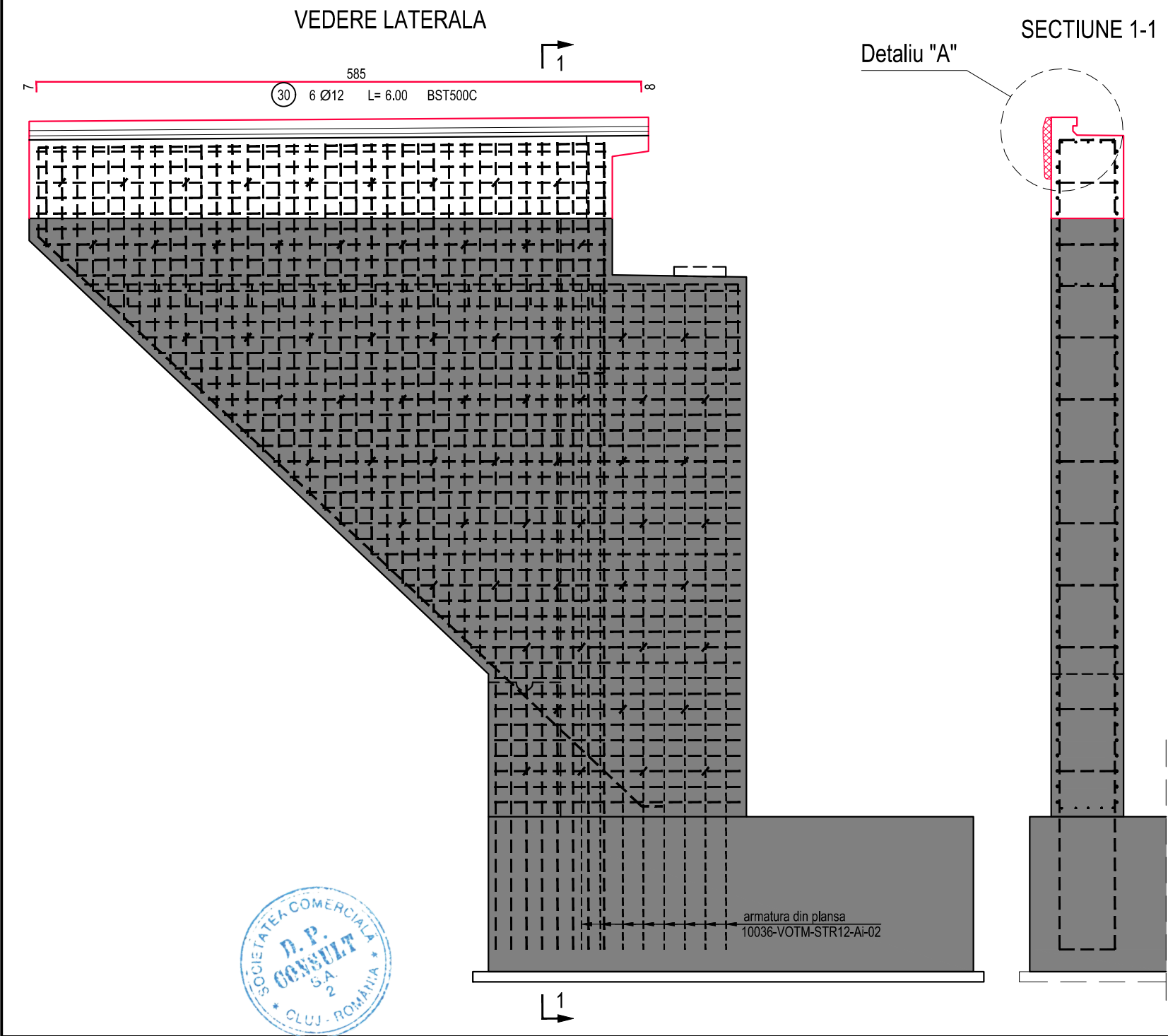
LEGENDA:

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.



MARCA	DIAMETRU	NR BUCATI	LUNGIMI [m]			
			/bucata	/diametru		
				BST500C		
				Ø10	Ø12	
10	12	80	0.90		72.00	
28	10	80	0.54	43.20		
30	12	6	6.00		36.00	
LUNGIMI TOTALE[m]				43.20	108.00	
MASA [kg]				/metru	0.617	0.889
				/diametru	26.67	96.01
				totala	122.67	

CANTITATEA TOTALA DE ARMATURA				
Nr.crt.	Element	Nr. elemente asemenea	kg / element	TOTAL kg / element
1	Bancheta+ zid intors	2	122.67	245.34
CANTITATEA TOTALA / STRUCTURA				245

Bancheta cuzineti+zid de garda

CERINTE DE CALITATE ELEVATII

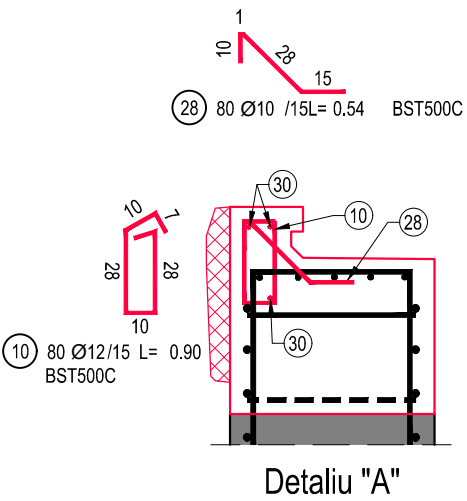
Beton: C30/37

Otel: BST500C

Clasa de expunere: XC4, XD1, XF2.

Valoare max. A/C: 0.50

Dozaj min. ciment: 300 Kg/m³



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. Mihai Isac

REVIZII

NR. REV.

DATA

SEMN.

DENUMIRE PLANSA

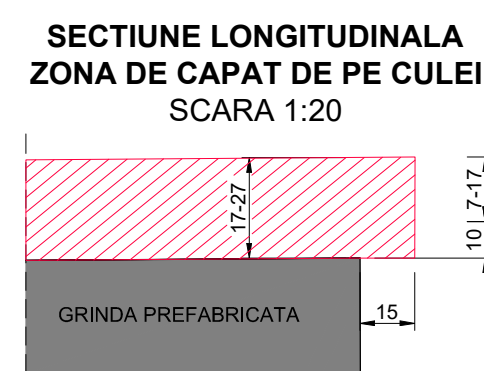
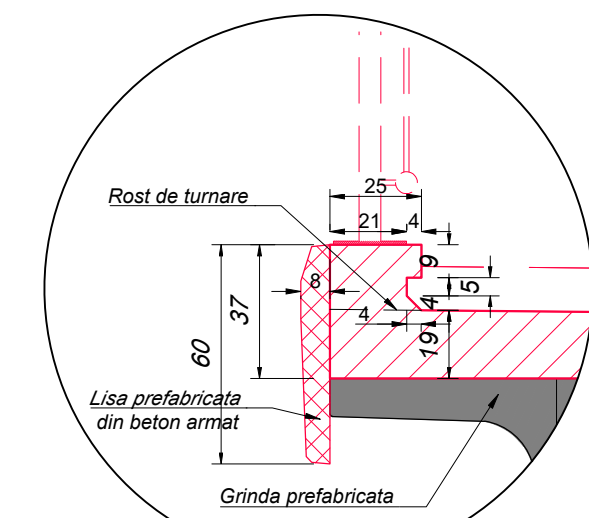
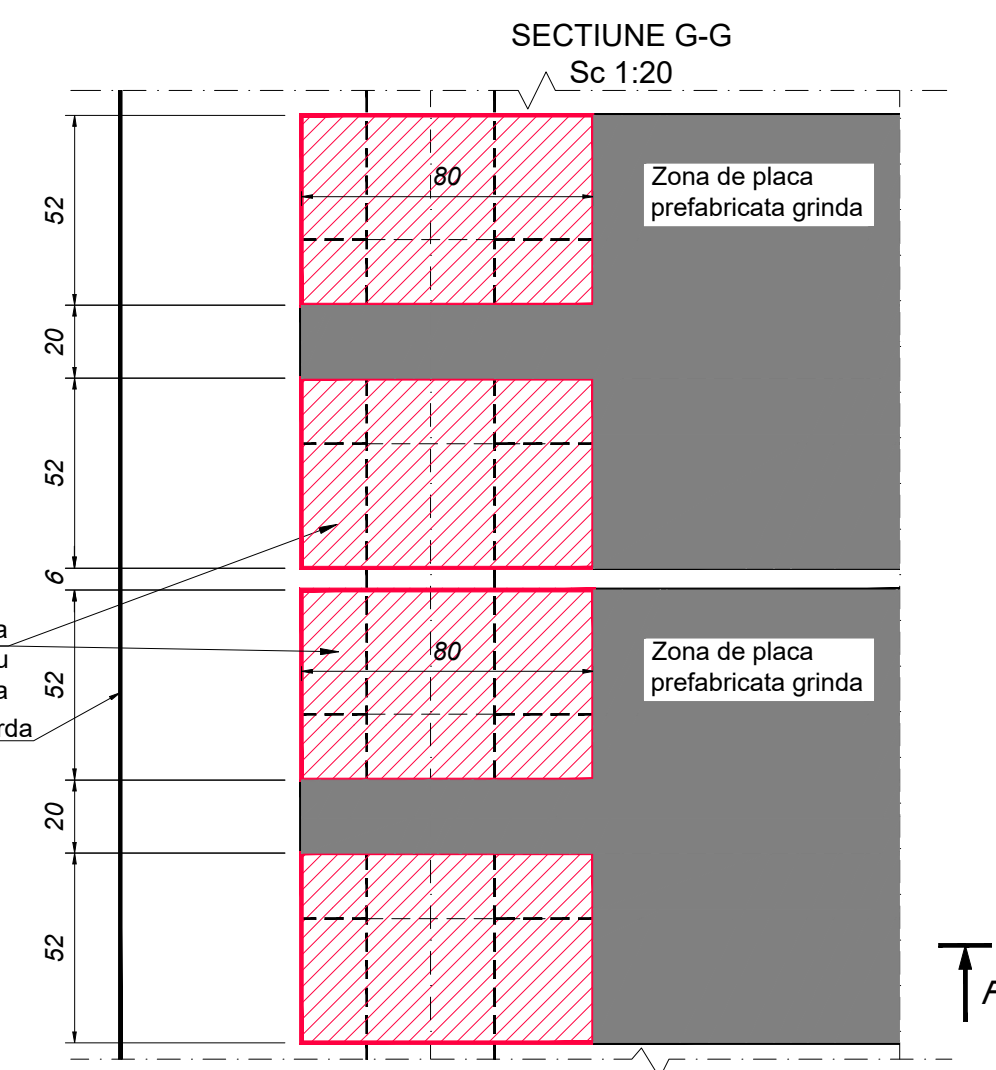
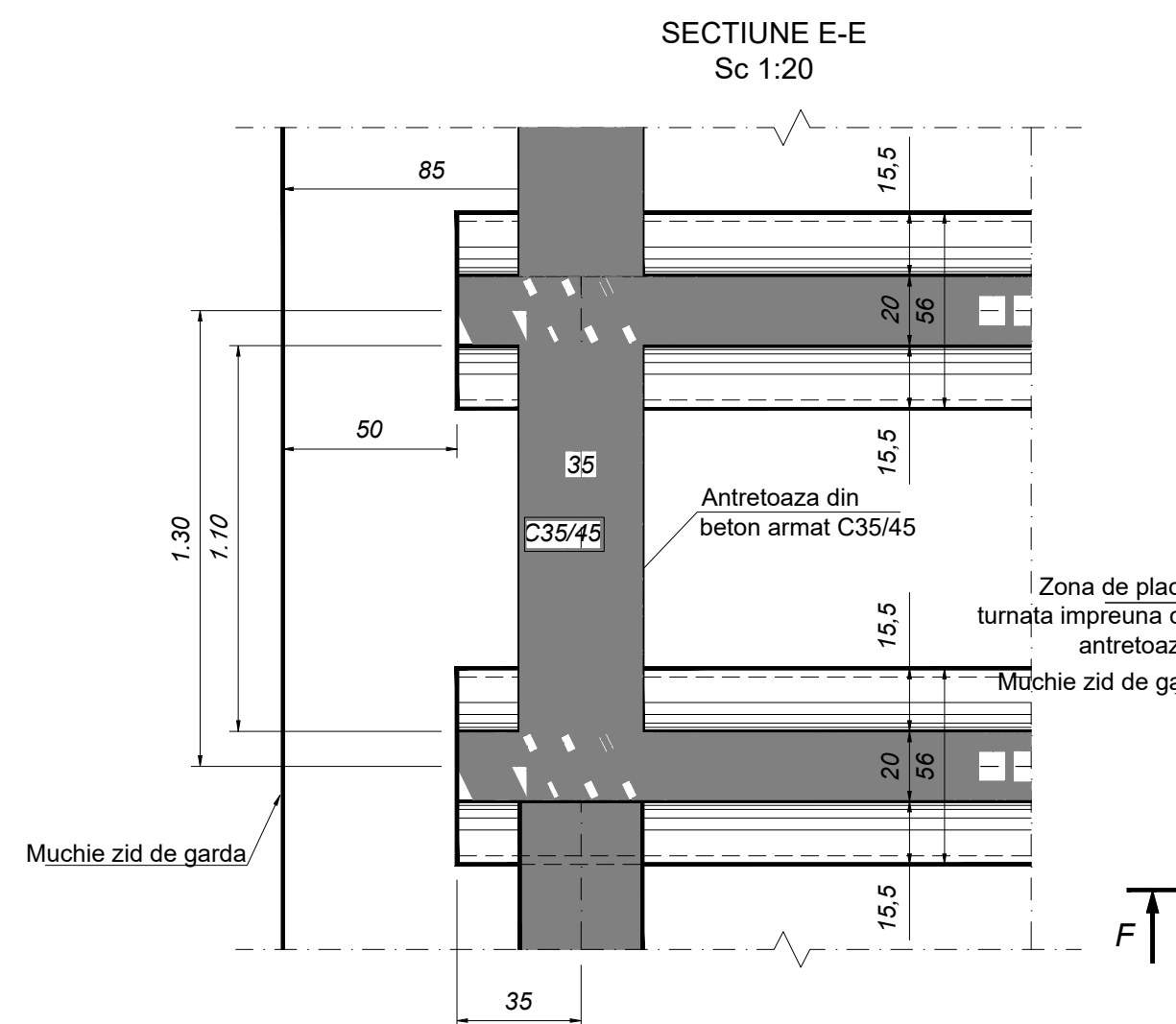
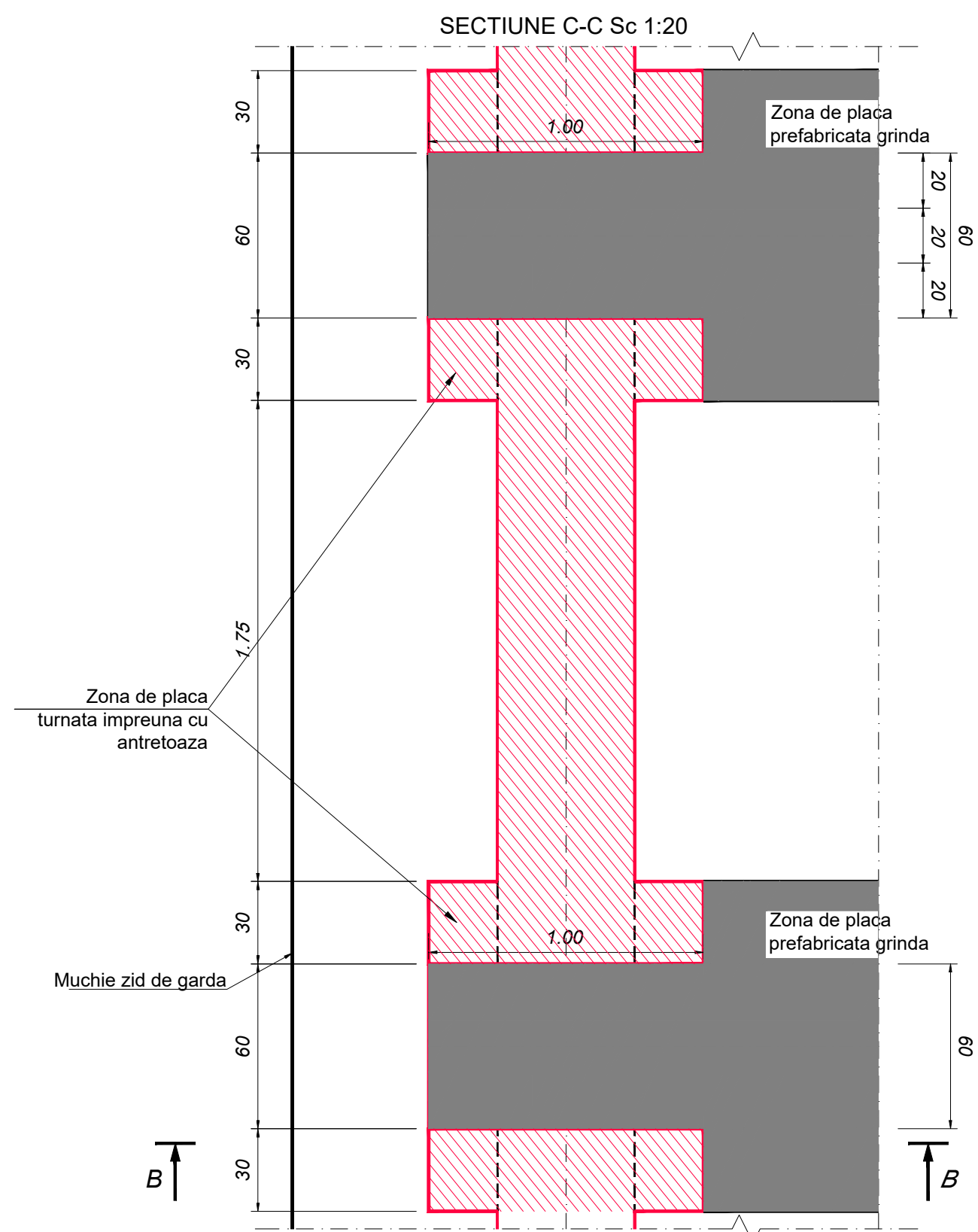
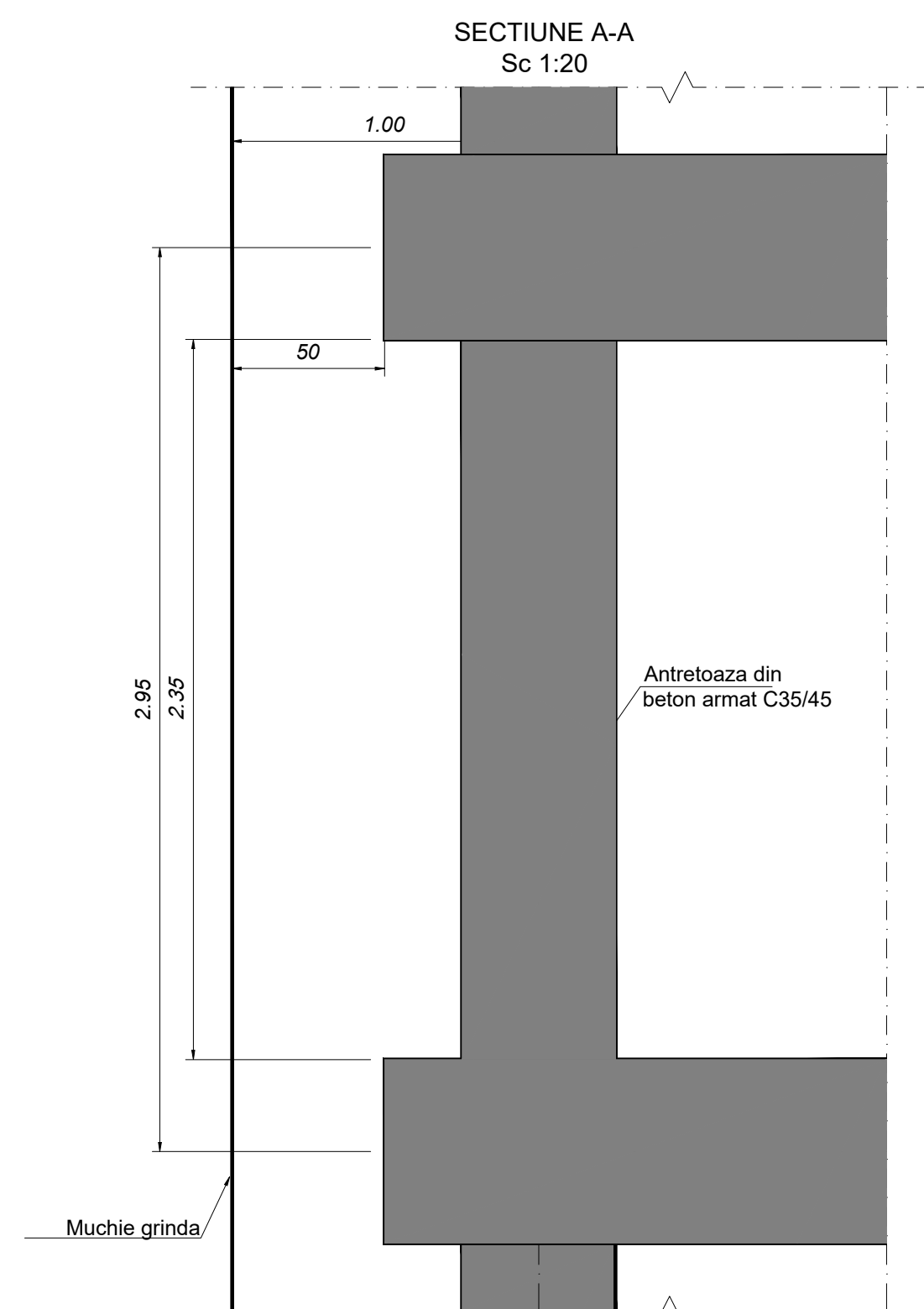
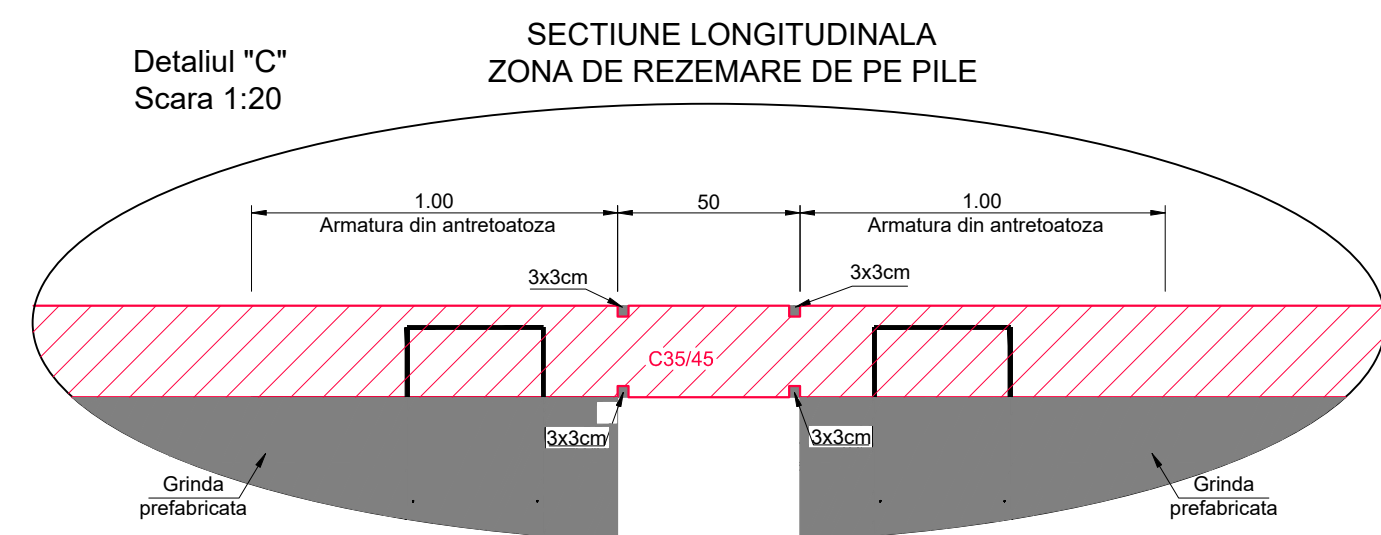
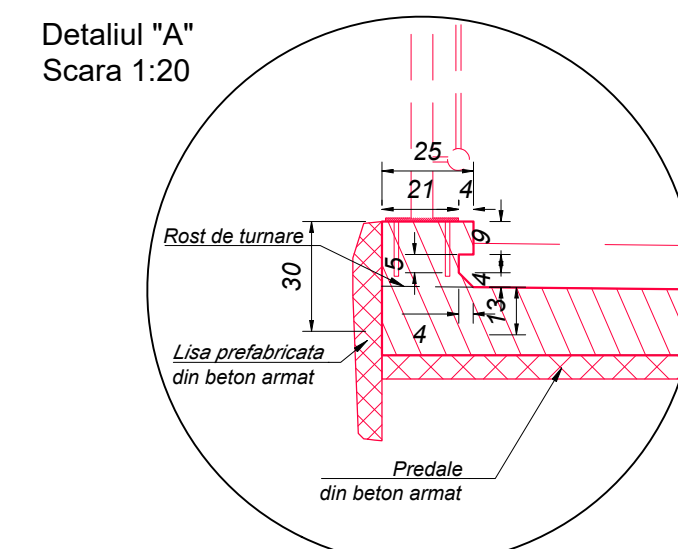
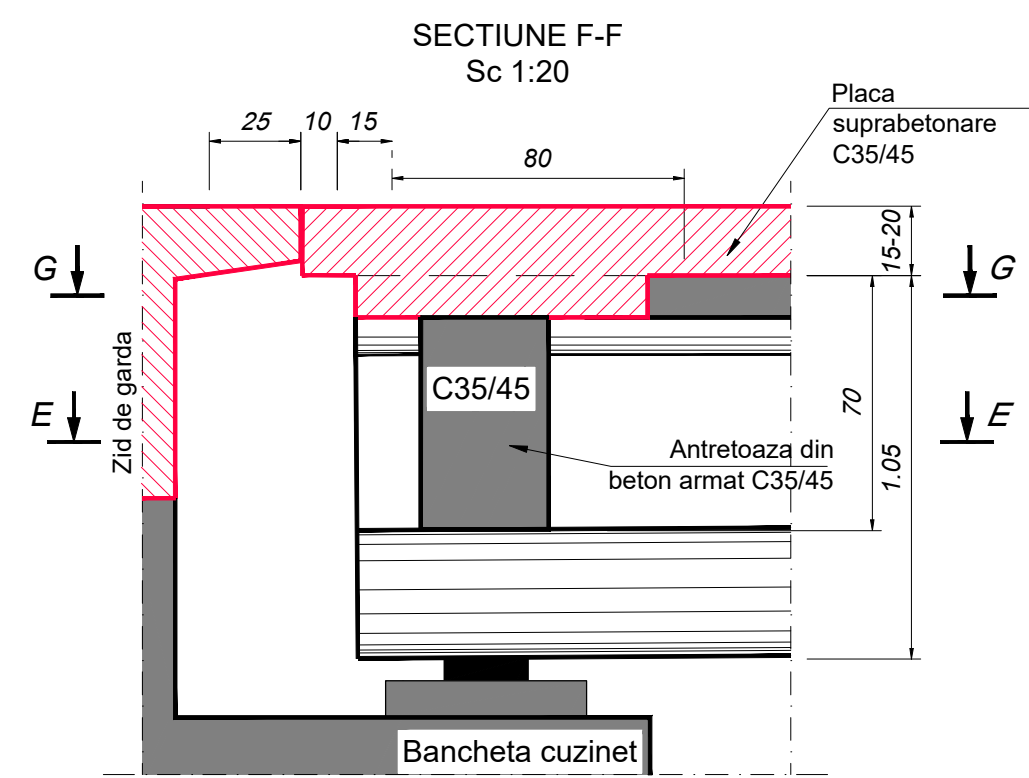
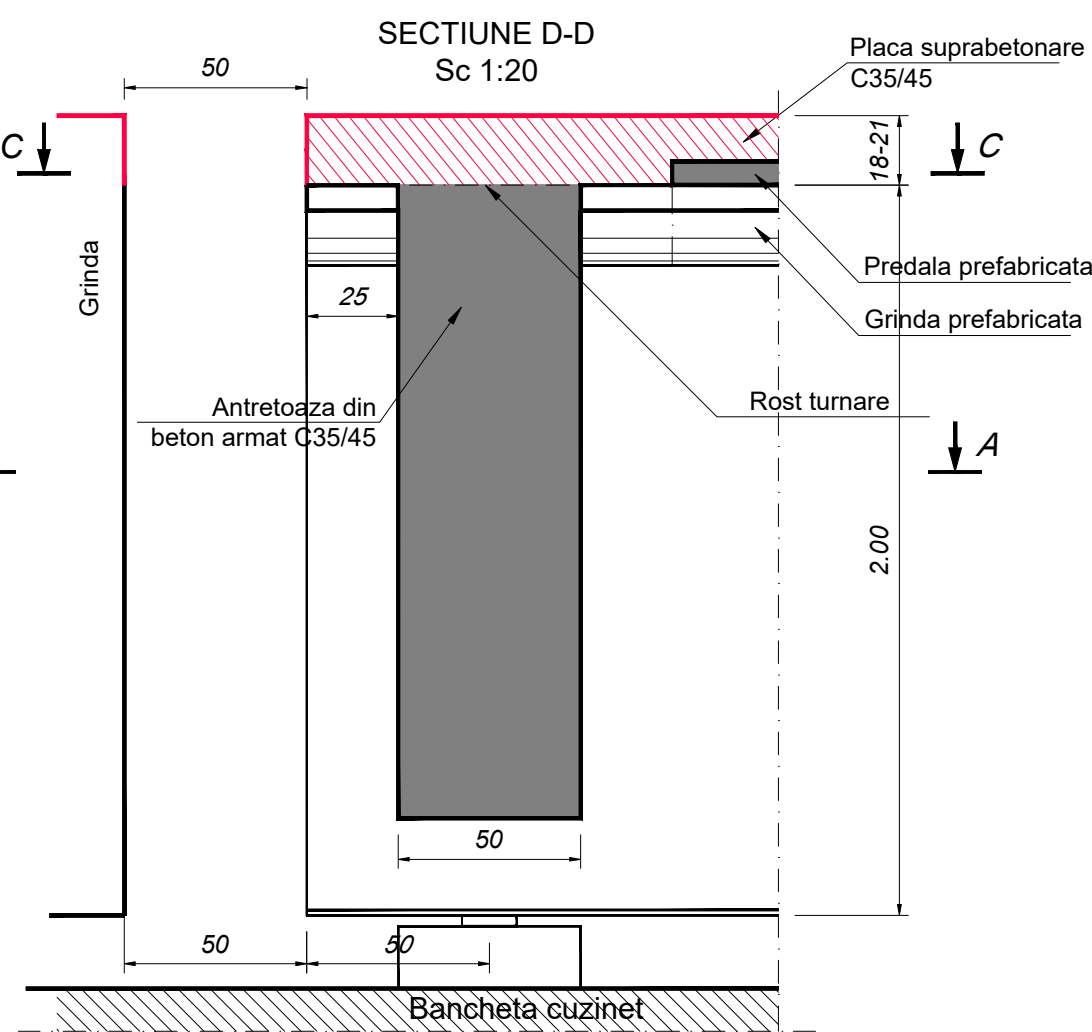
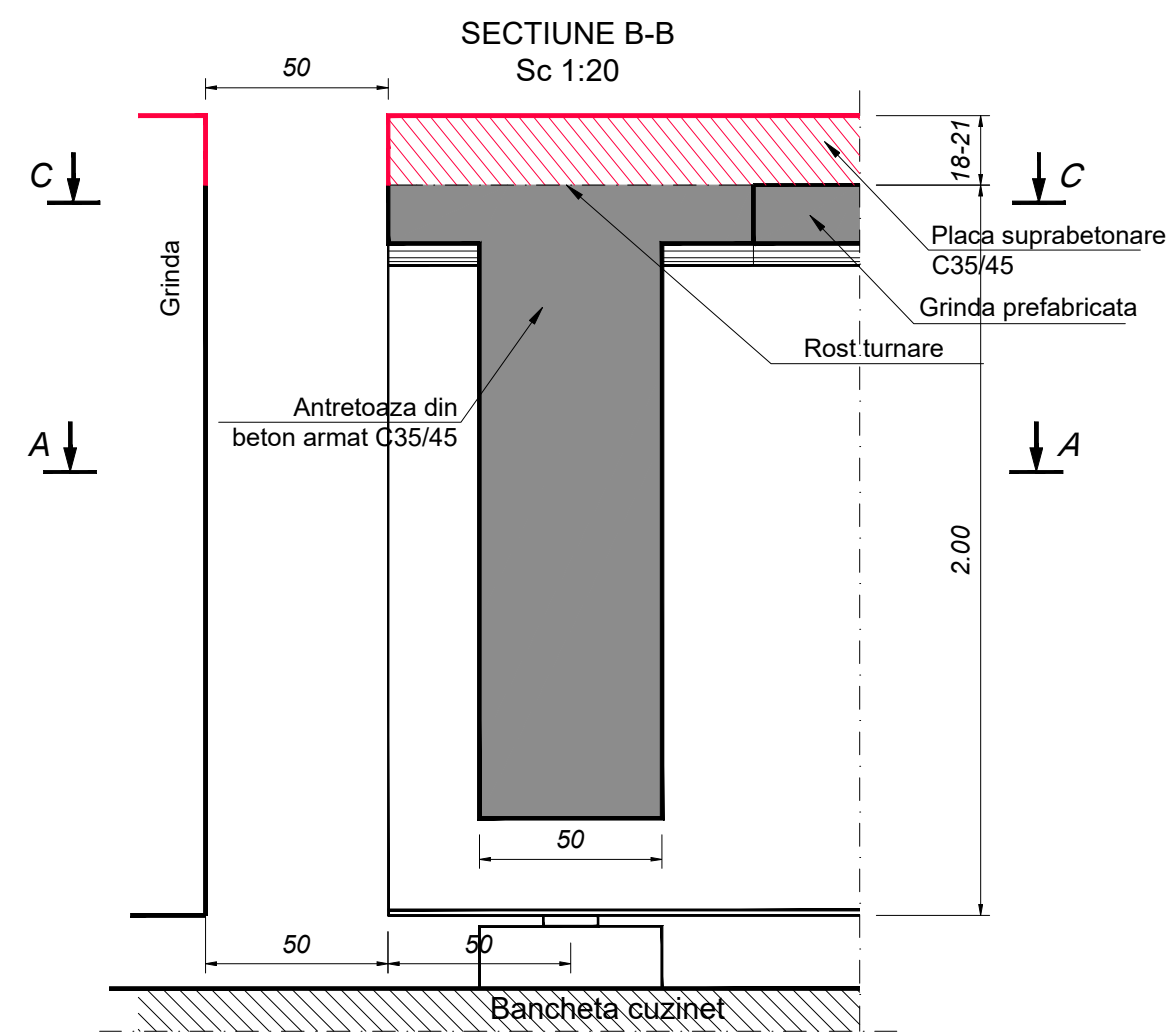
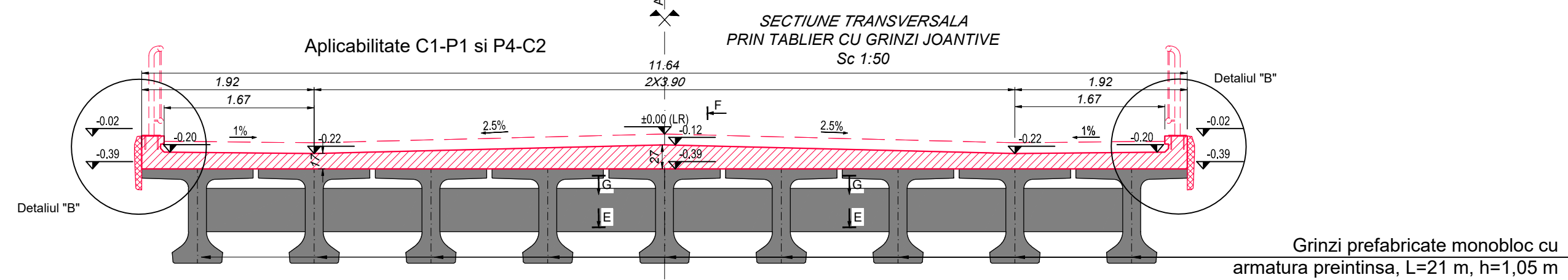
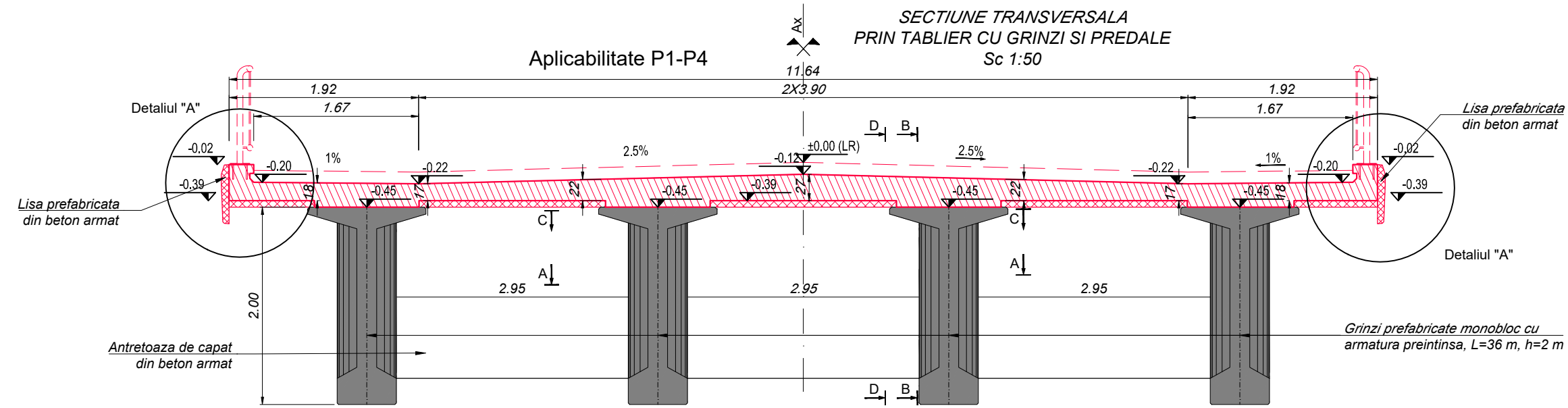
POD KM 24+725 PESTE CANAL BEGA PLAN ARMARE ZID INTORS SI BANCHETA CUZINETILOR

Scara : 1:50

NUMAR PLANSA

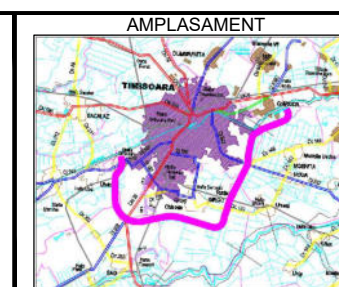
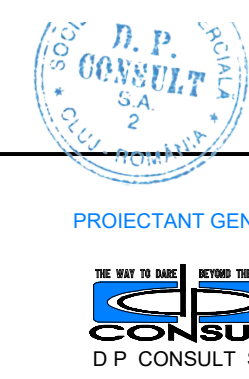
10036-VOTM-STR12-Ai-03





CERINTE DE CALITATE  
PLACA DE SUPRABETONARE  
Beton: C35/45  
Otel: B51500C  
Clasa de expunere: XC3, XD1, XF2  
Valoare max. A/C: 0.55  
Dozaj min. ciment: 340 Kg/m<sup>3</sup>

LEGENDA:  
REALIZAT-  
NEREALIZAT-



DENUMIRE PROIECT  
PROIECTARE SI EXECUTIE  
"VARIANTA DE OCOLIRE  
TIMISARA 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 Codis

Inginer Proiectant Poduri  
ing. Attila Takacs

Inginer Proiectant  
ing. Mihai Isac

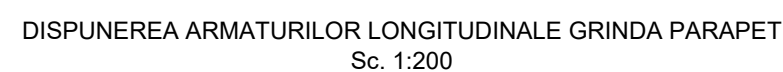
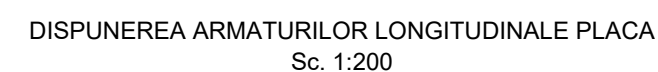
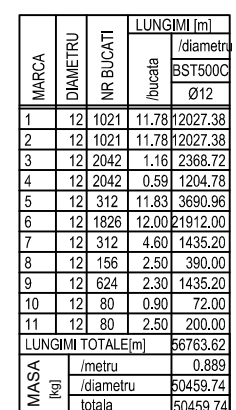
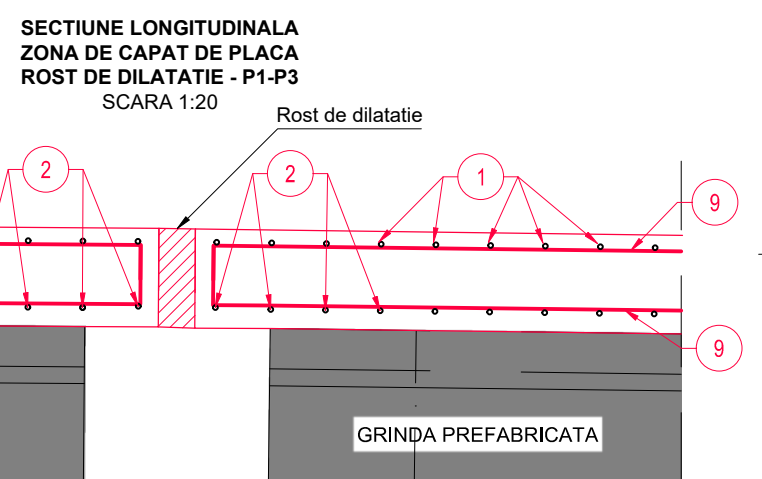
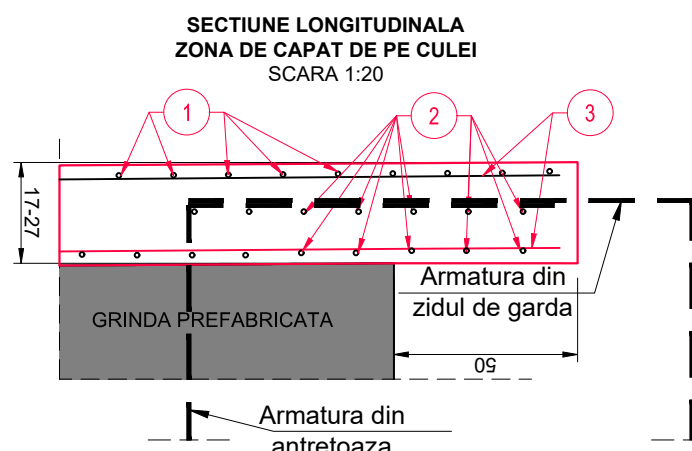
REVIZII		
NR.	REV.	SEM.

DENUMIRE PLANSA  
POD KM 24+725  
PESTE CANAL BEGA  
PLAN COFRAJ  
PLACA DE SUPRABETONARE

Scara: 1:50 1:20

NUMAR PLANSA  
10036-VOTM-STR12-Cs-01

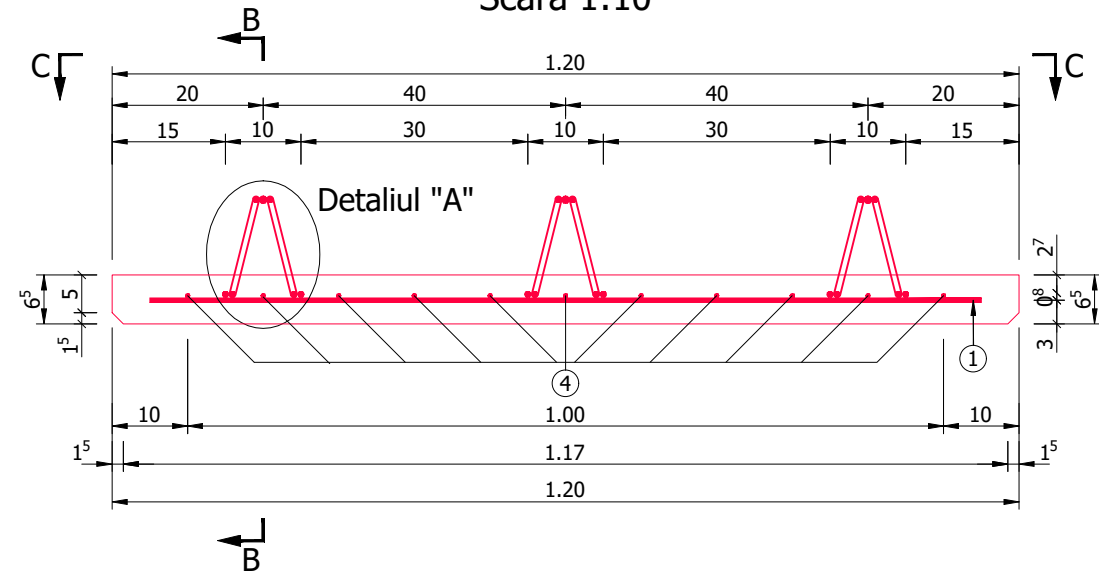






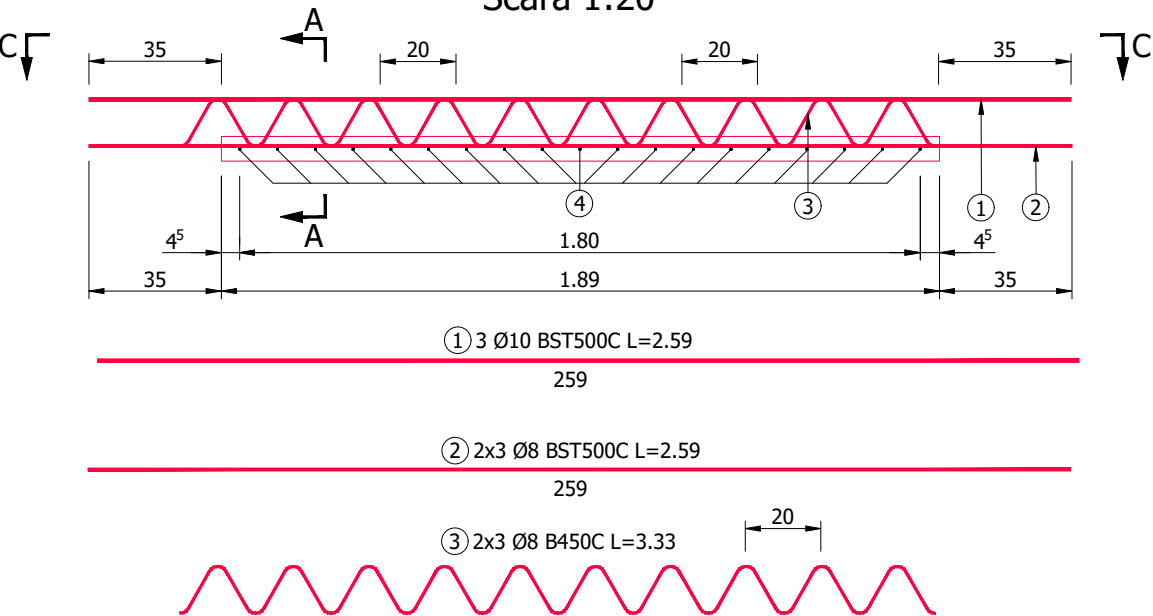
# SECTIUNE TRANSVERSALA A-A

Scara 1:10



# SECTIUNE LONGITUDINALA B-B

Scara 1:20



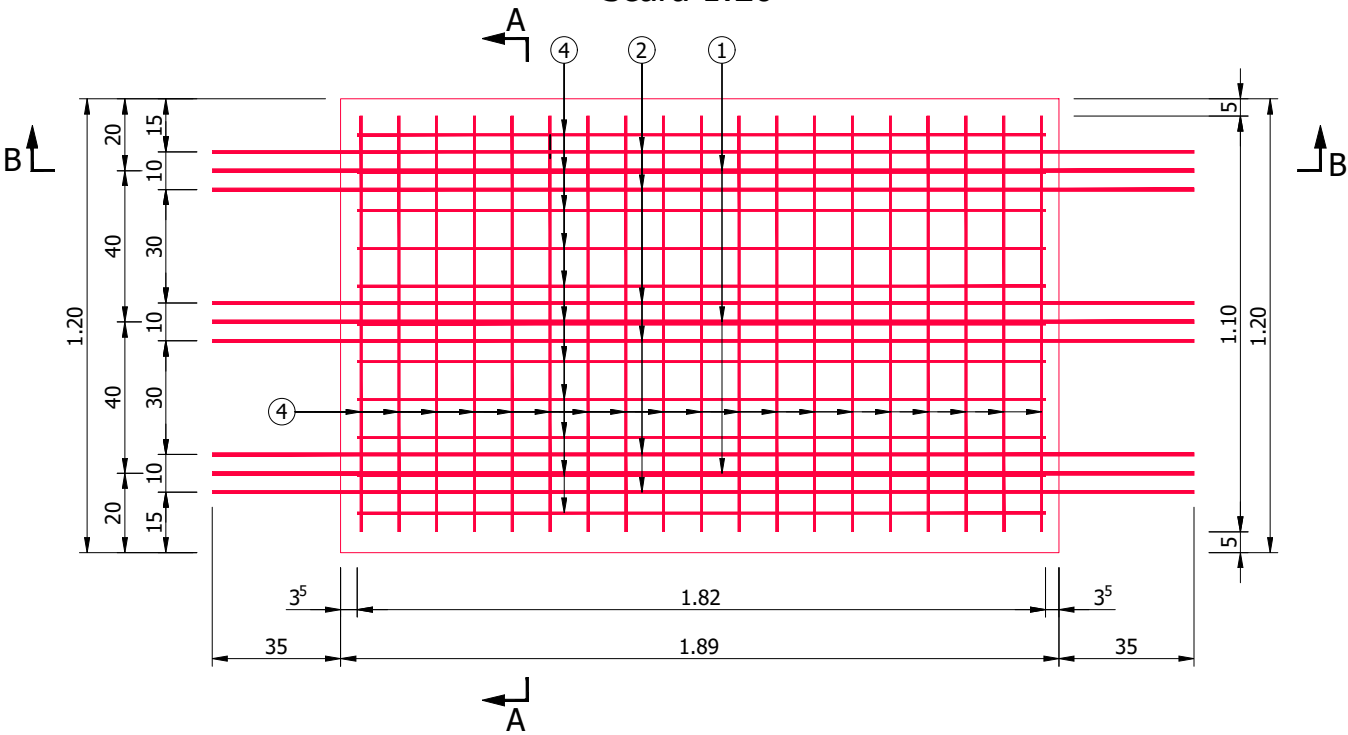
# EXTRAS ARMATURA

Marca	φ (mm)	n (buc.)	L (m)	nxL-B450C		nxL-BST500C
				φ8	φ8	φ10
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		



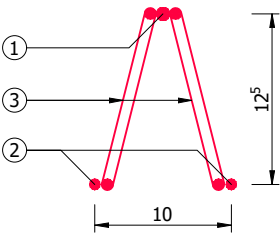
# VEDERE PLANA C-C

Scara 1:20



# DETALIUL "A"

Scara 1:5



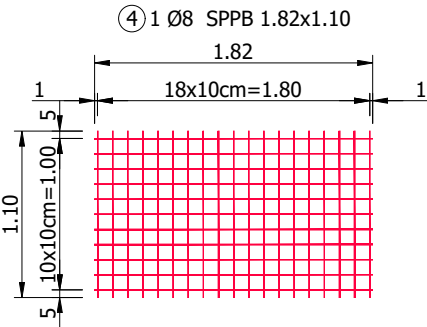
# LEGENDA:

REALIZAT-

NEREALIZAT-

# PLASA SUDATA

Scara 1:50



# EXTRAS PLASA SUDATA

Marca	φ (mm)	n (buc.)	l (m)	L (m)	S (m²)	SPPB
4	8	1	1.10	1.82	2.00	φ8
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/m³

# 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. Mihai Isac

# REVIZII

NR. REV. DATA SEMN.

# DENUMIRE PLANSA

POD KM 24+725  
PESTE CANAL BEGA  
PLAN ARMARE PREDALA  
PREFABRICATA 1.89x1.20

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

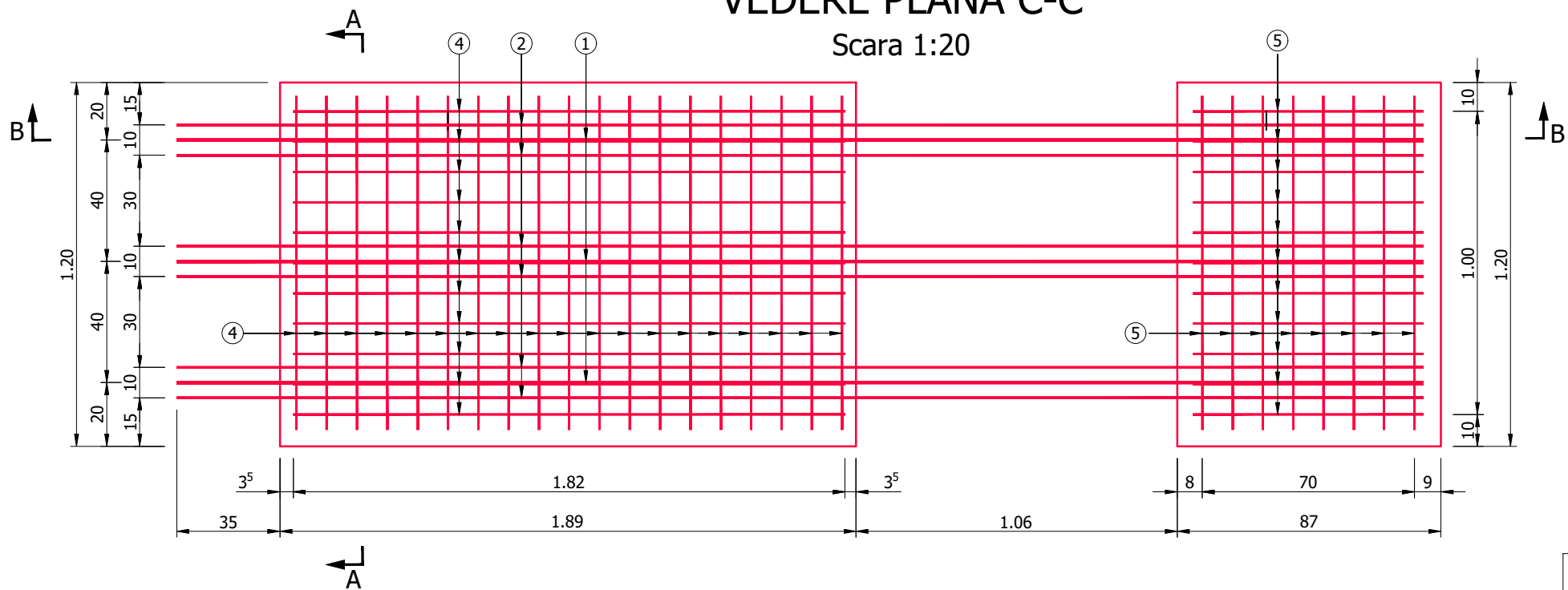
# NUMAR PLANSA

10036-VOTM-STR12-As-02



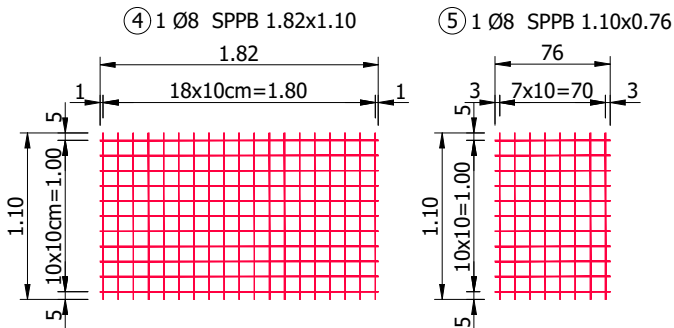
# VEDERE PLANA C-C

Scara 1:20



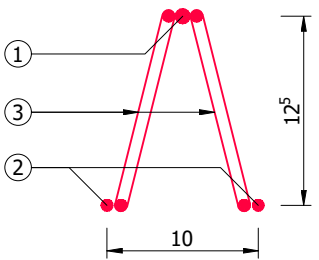
# PLASA SUDATA

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/m³

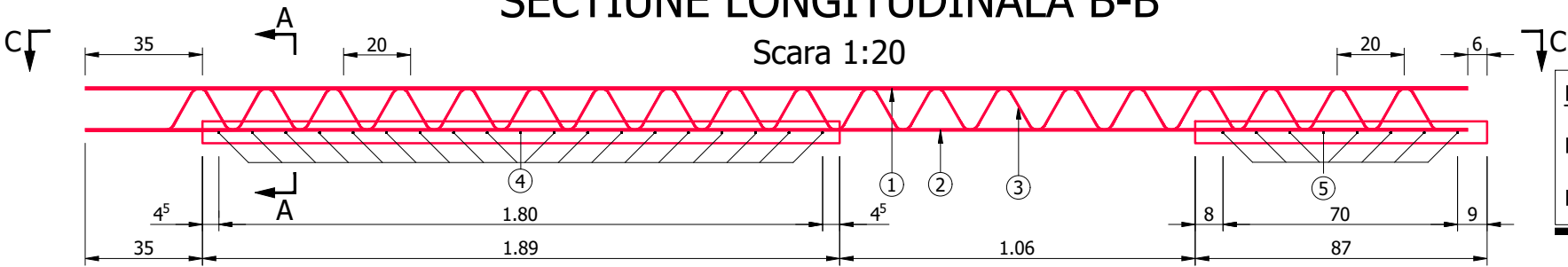
## LEGENDA:

REALIZAT-

NEREALIZAT-

# SECTIUNE LONGITUDINALA B-B

Scara 1:20



① 3 Ø10 BST500B L=4.09

409

② 2x3 Ø8 BST500B L=4.09

409

③ 2x3 Ø8 B450C L=6.33

## EXTRAS ARMATURA

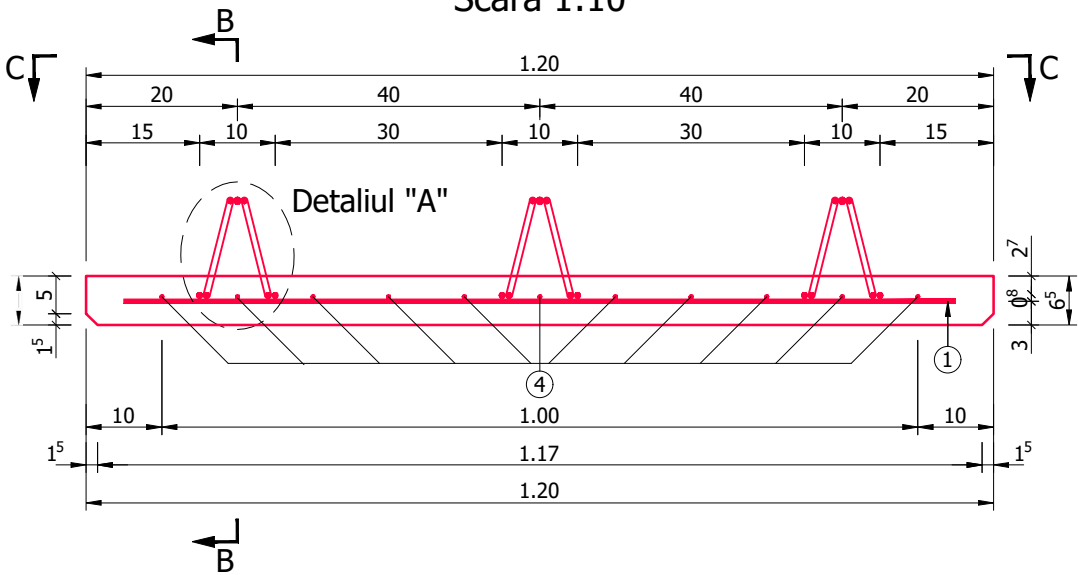
Marca	φ (mm)	n (buc.)	L (m)	nxL-B450C φ8	nxL-BST500C φ8	φ10
1	10	3	4.09			12.27
2	8	6	4.09		24.54	
3	8	6	6.33	37.98		
TOTAL LUNGIMI PE DIAMETRU (m)				37.98	24.54	12.27
GREUTATE PE METRU (kg/m)				0.395	0.395	0.617
GREUTATE PE DIAMETRU (kg)				15.00	9.693	7.571
GREUTATE PE TIP DE OTEL (kg)				15.00	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

## EXTRAS PLASA SUDATA

Marca	φ (mm)	n (buc.)	l (m)	L (m)	S (m²)	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



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. Mihai Isac

REVIZII

NR. REV.

DATA

SEMN.

DENUMIRE PLANS

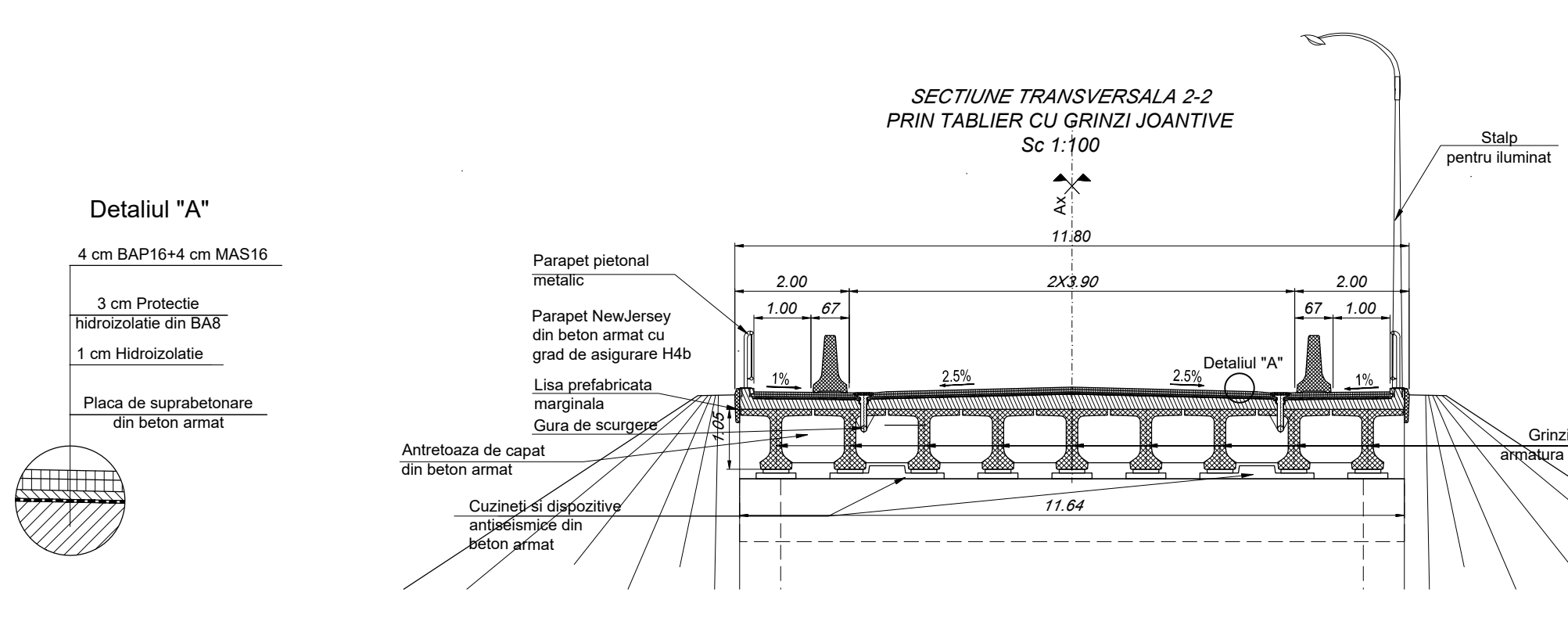
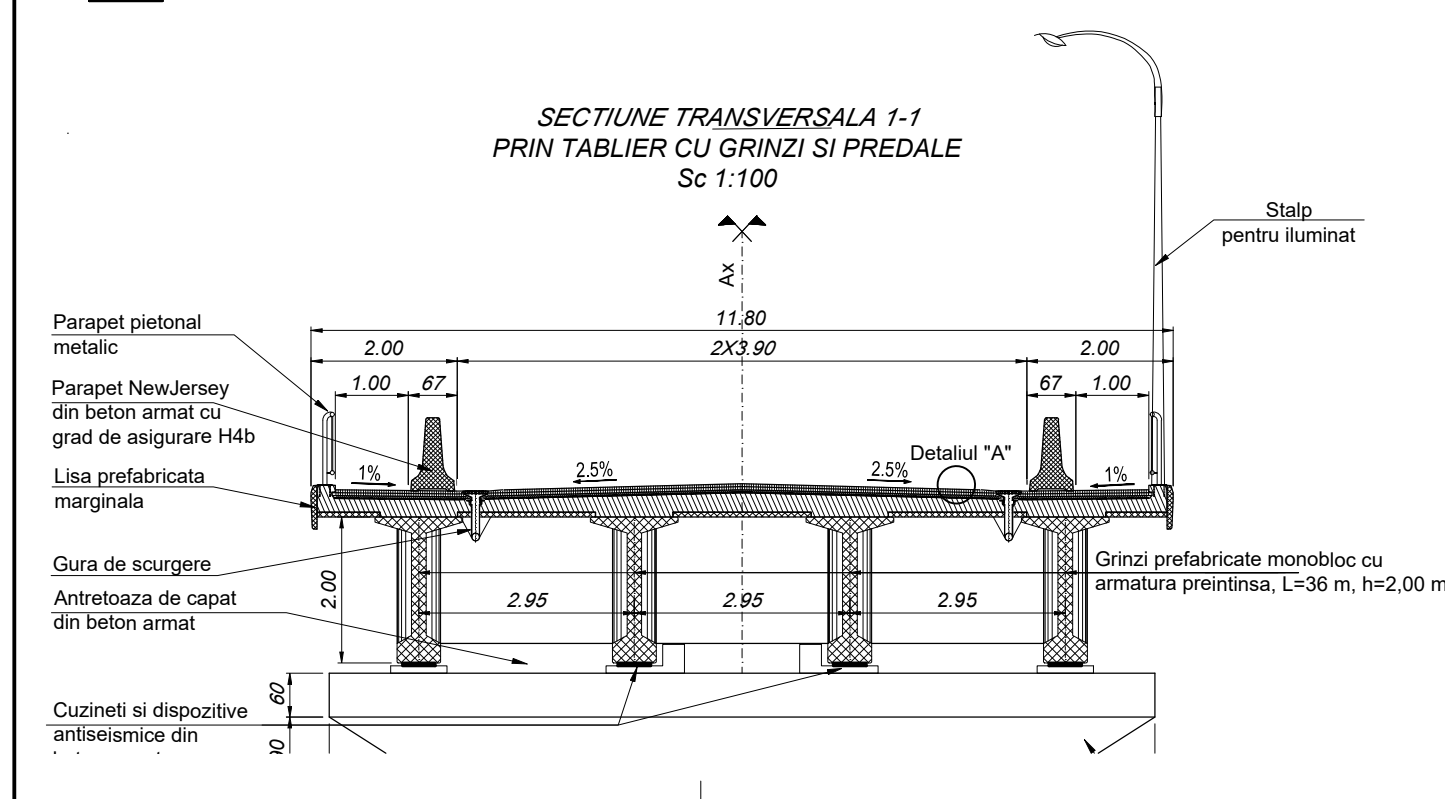
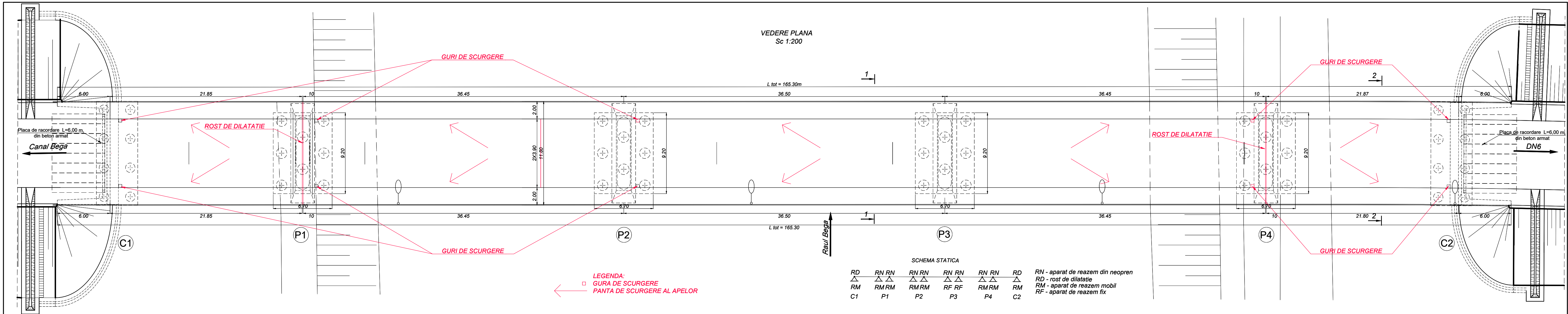
POD KM 24+725  
PESTE CANAL BEGA  
PLAN ARMARE PREDALA  
PREFABRICATA  
1.89x1.20 + 0.87x1.20

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

NUMAR PLANS

10036-VOTM-STR12-As-03





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. Mihai Isac

REVIZII		
NR. REV.	DATA	SEMN.

DENUMIRE PLANSA

POD KM 24+725 PESTE CANAL BEGA SCURGEREA APELOR

POZITIONARE GURI DE SCURGERE

Scara: 1:100 1:200

NUMAR PLANSA

10036-VOTM-STR12-SA-01