




LEGENDA:

REALIZAT- 

NEREALIZAT- 

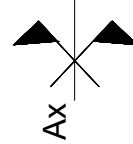
NOTA:

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

<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 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 PROIECT TEHNIC REST DE EXECUTAT</div> <div>Data : 03.2023</div> <div>VERIFICATOR TEHNIC</div>	<div>Manager de Proiect ing. Silvan Moldovan</div> <div>Sef Echipa Proiectare ing. Raul Cocis</div> <div>Inginer Proiectant Poduri ing. Attila Takacs</div> <div>Inginer Proiectant ing. Tudor Hoda</div>	<div>REVIZII</div> <table><thead><tr><th>NR. REV.</th><th>DATA</th><th>SEM.N.</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table>	NR. REV.	DATA	SEM.N.				<div>DENUMIRE PLANSA</div> <div>PASAJ KM 7+156 PESTE CF 124 TIMISOARA NORD-VOITENI PLAN COFRAJ CULEE</div> <div>Scara : 1:100 , 1:50</div> <div>NUMAR PLANSA</div> <div>10036-VOTM-STR05-Ci-01</div>
NR. REV.	DATA	SEM.N.											

SECTIUNE TRANSVERSALA
PRIN TABLIER CU GRINZI SI PREDALE

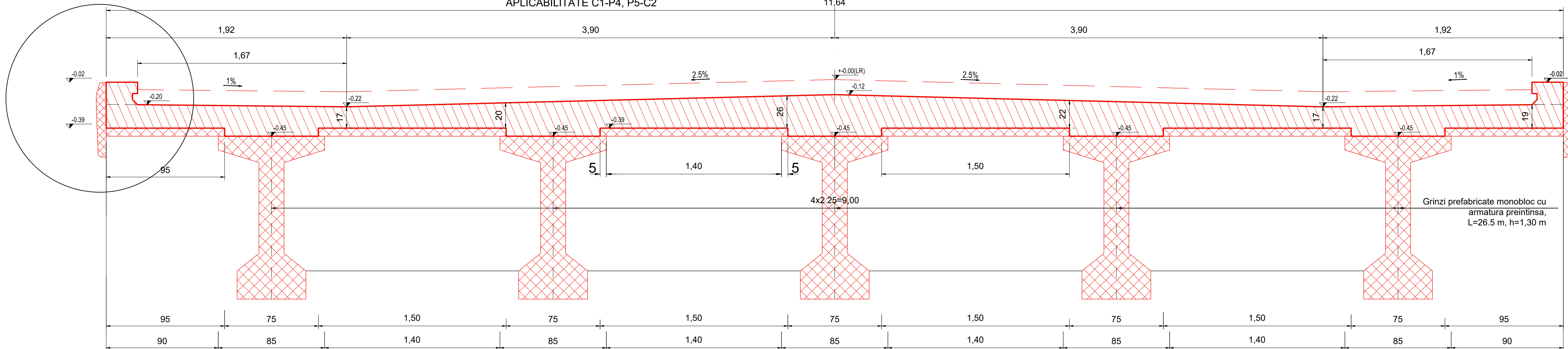
Sc 1:20



Detaliul "A"

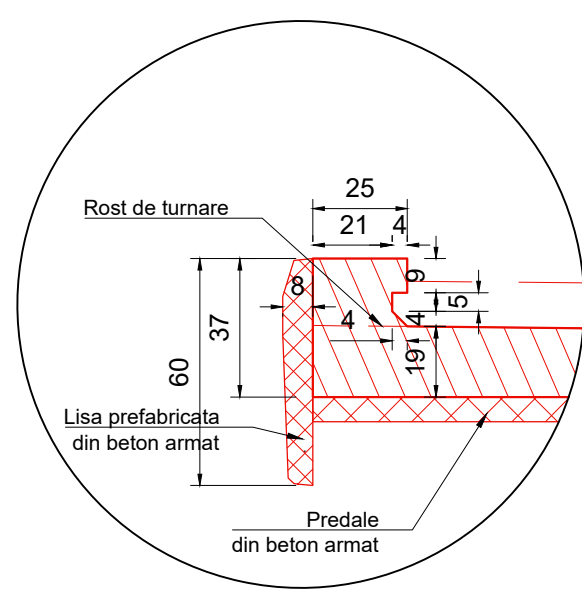
APLICABILITATE C1-P4, P5-C2

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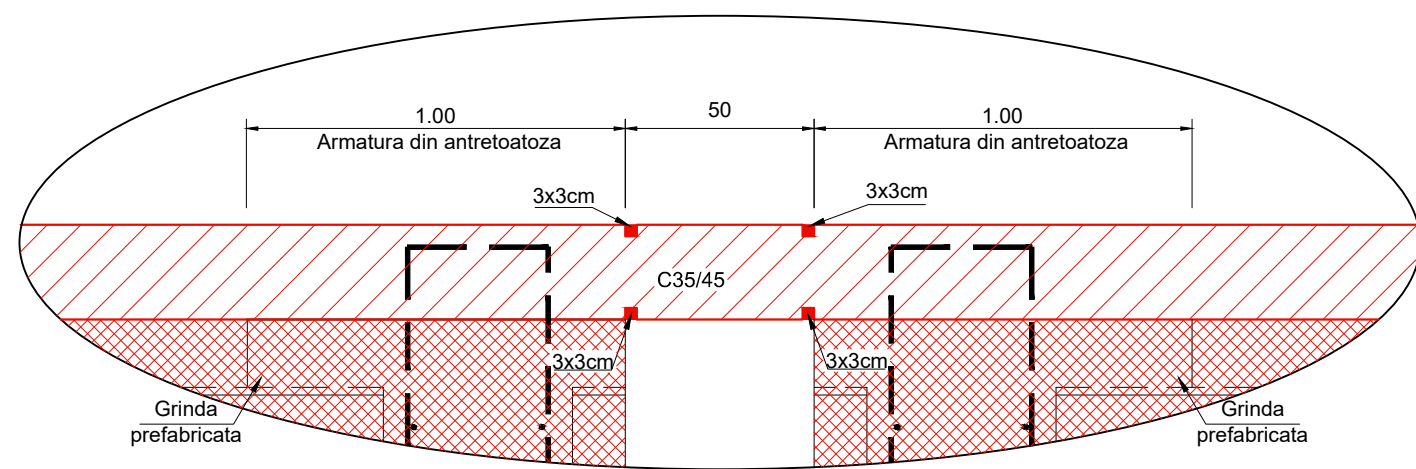


CERINTE DE CALITATE
PLACA DE SUPRABETONARE
Beton: C35/45
Otel: B57500C
Clasa de expunere: XC3, XD1, XF2
Valoare max. A/C: 0.55°
Dozaj min. ciment: 340 Kg/m³

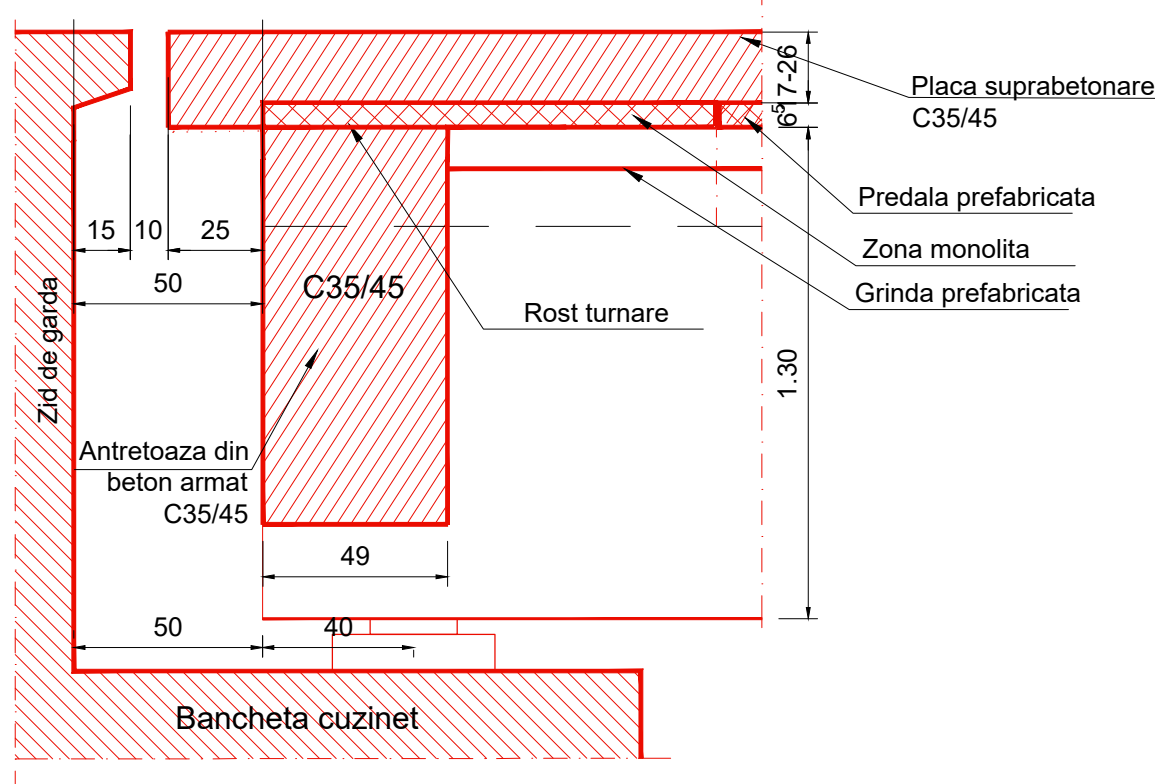
Detaliul "A"
Scara 1:20



Detaliul "C"
Scara 1:20
SECTIUNE LONGITUDINALA
ZONA DE REZEMARE DE PE PILE



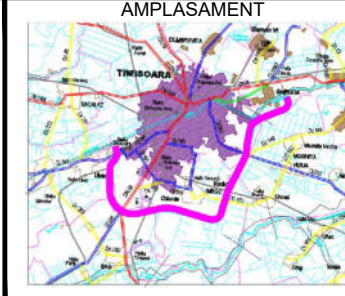
SECTIUNE A-A
Sc 1:20



LEGENDA:

REALIZAT-

NEREALIZAT-

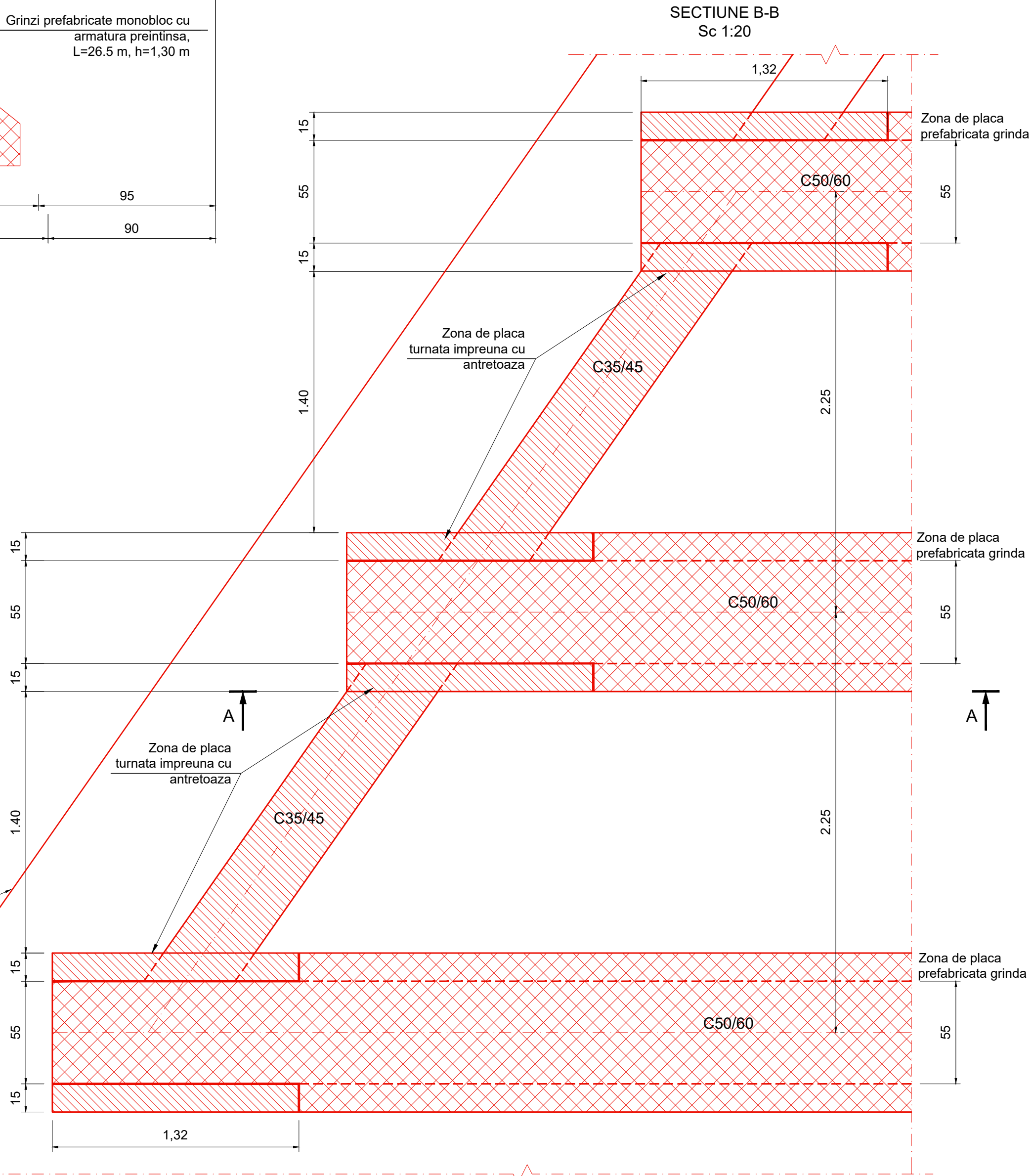


DENUMIRE PROIECT
PROIECTARE SI EXECUTIE
"VARIANTA DE OCULIRE
TIMISOARA SUD"
ELABORARE PROIECT TEHNIC
REST DE EXECUTAT
NUMAR CONTRACT: 550/36/09.02.2023
NUMAR PROIECT : 556

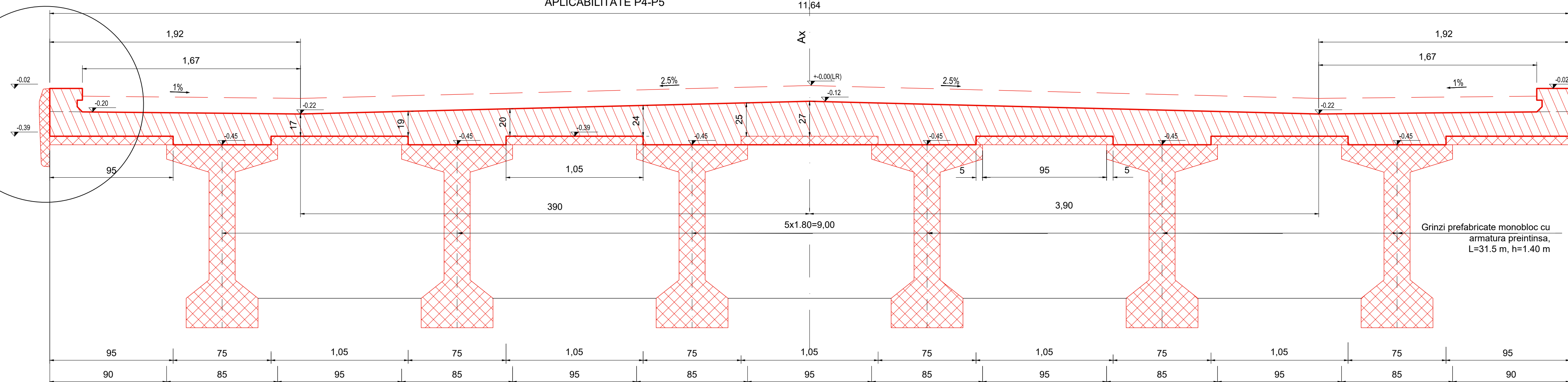
FAZA PROIECT
PROIECT TEHNIC
REST DE EXECUTAT
Data : 03.2023
VERIFICATOR TEHNIC

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

REVIZII			DENUMIRE PLANSA PASAJ KM 7+156 PESTE CF 124 TIMISOARA NORD-VOITENI PLAN COFRAJ PLACA DE SUPRABETONARE DESDCHIDERI MARGINALE Scara : 1:50 1:20 NUMAR PLANSA 10036-VOTM-STR05-Cs-01
NR.	REV.	DATA	

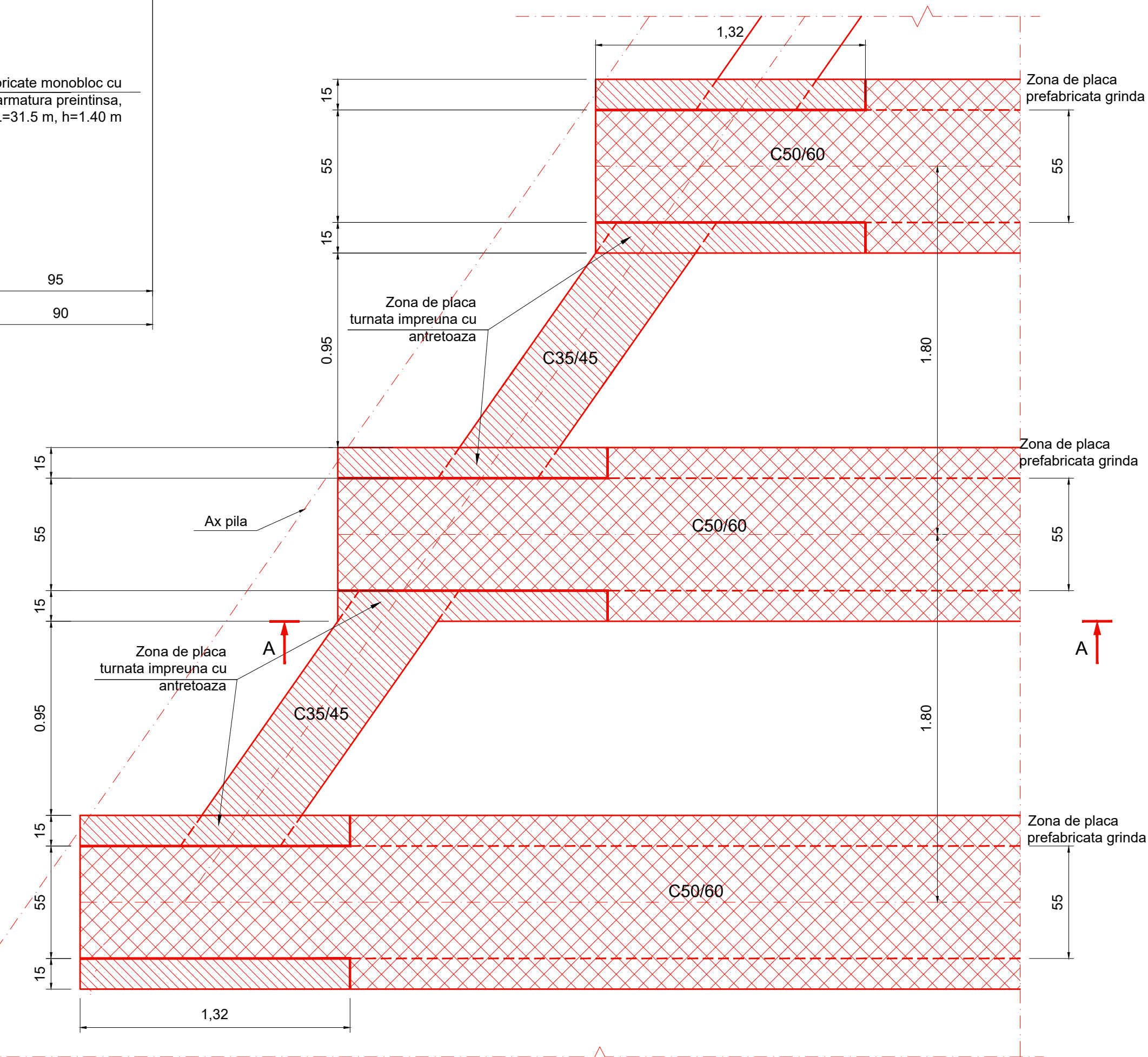


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 Ax 

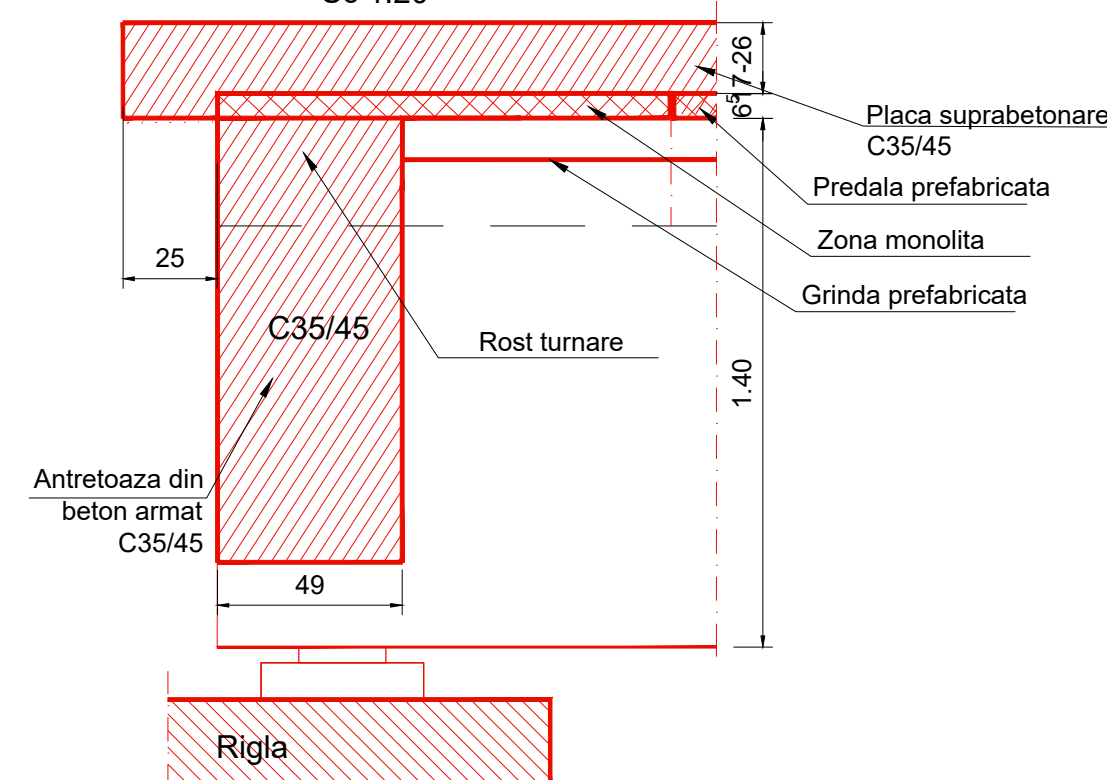
CERINTE DE CALITATE
PLACA DE SUPRABETONAR
Beton: C35/45
Otel: BST500C
Clasa de expunere: XC3, XD1,
Valoare max. A/C: 0.55³
Dozaj min. ciment: 340 Kg/m³

Sc 1:20

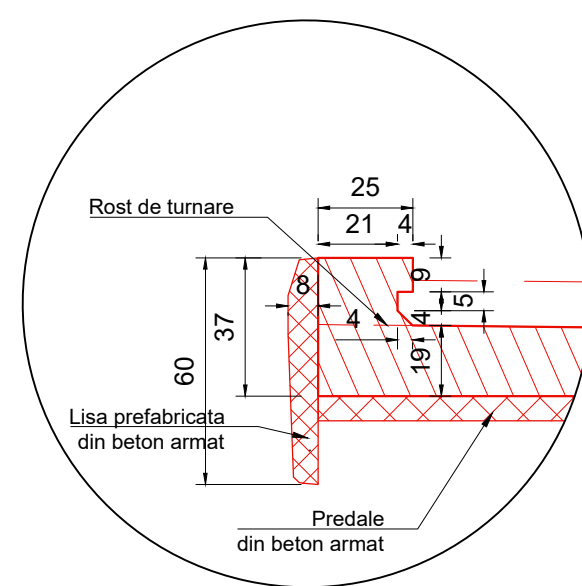


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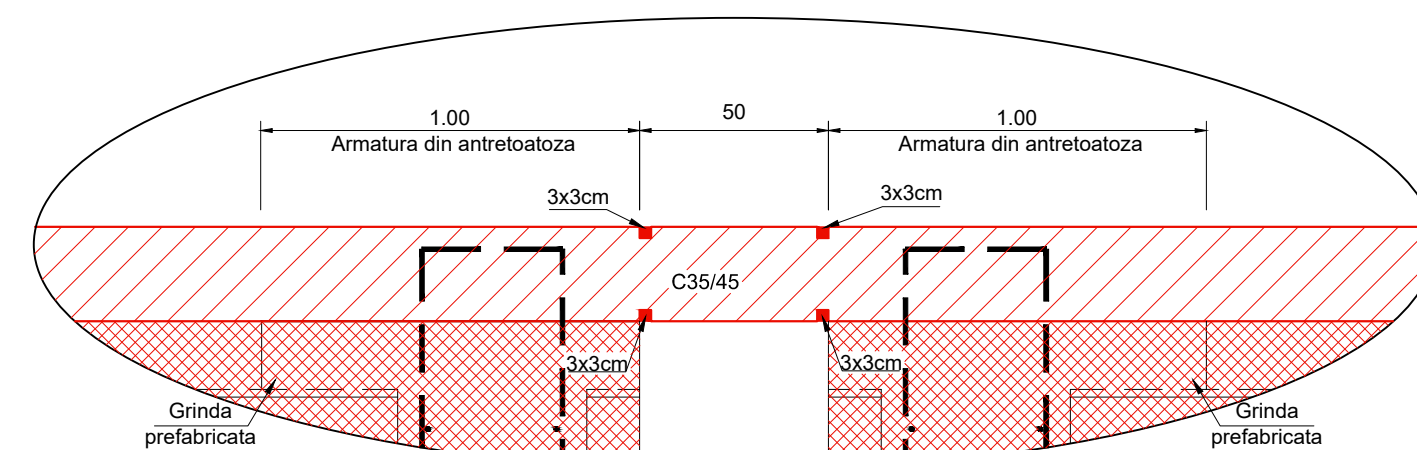
SC 1.20



Scara 1:20



SECTIUNE LONGITUDINALA
ZONA DE REZEMARE DE PE PIL

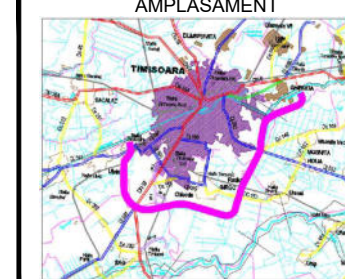


REALIZAT-

NEREALIZAT-



THE WAY TO DARK BEYOND THE LIMITS
CONSULT
D.P. CONSULT S.A.



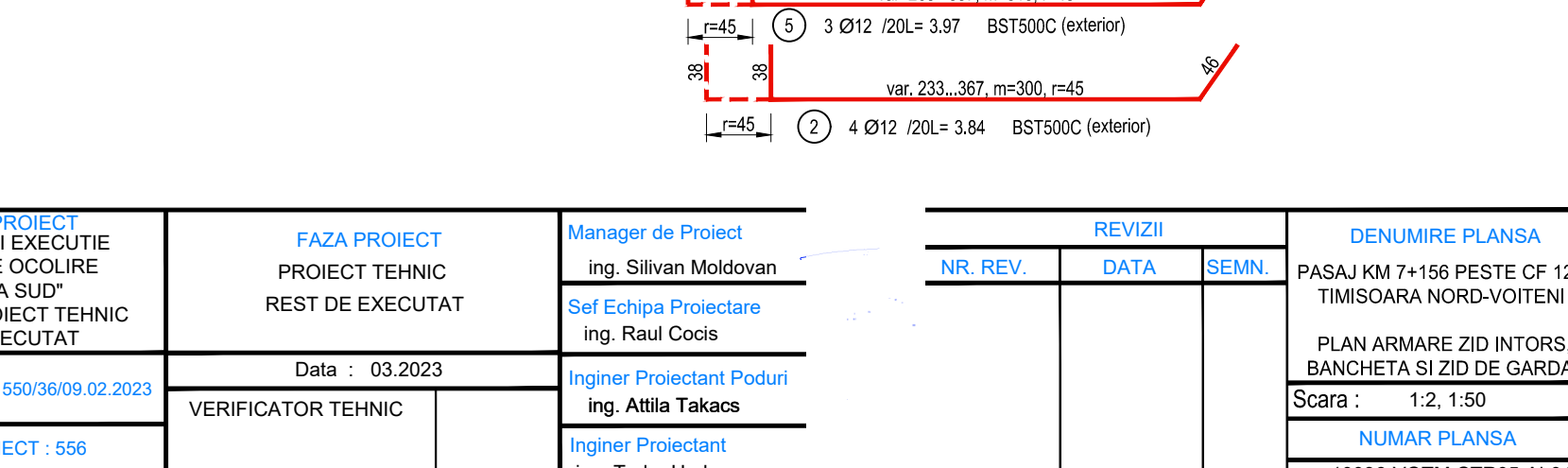
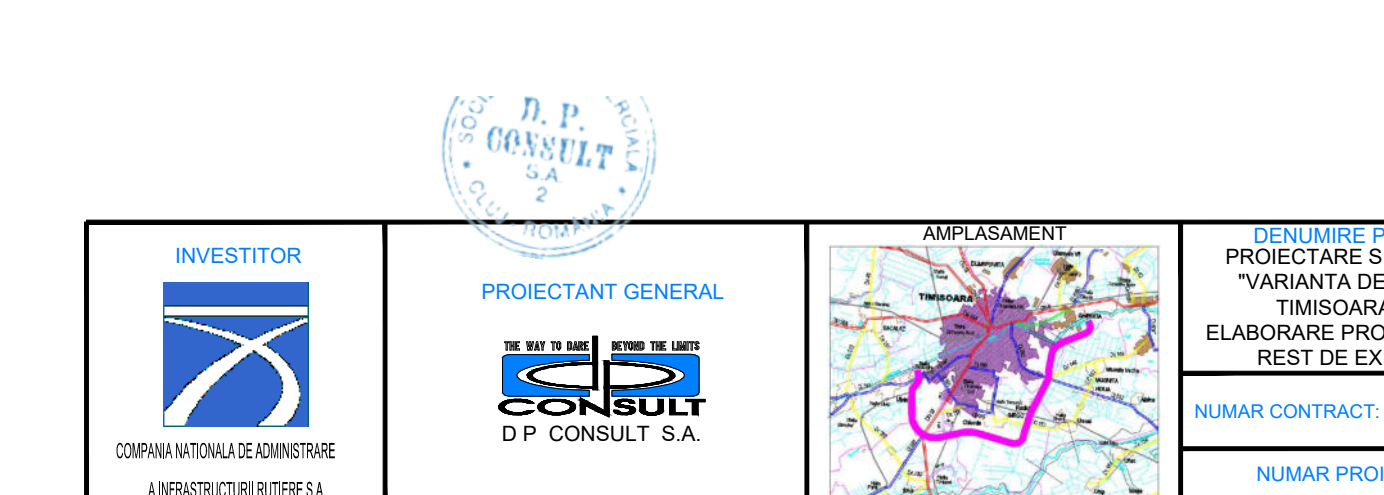
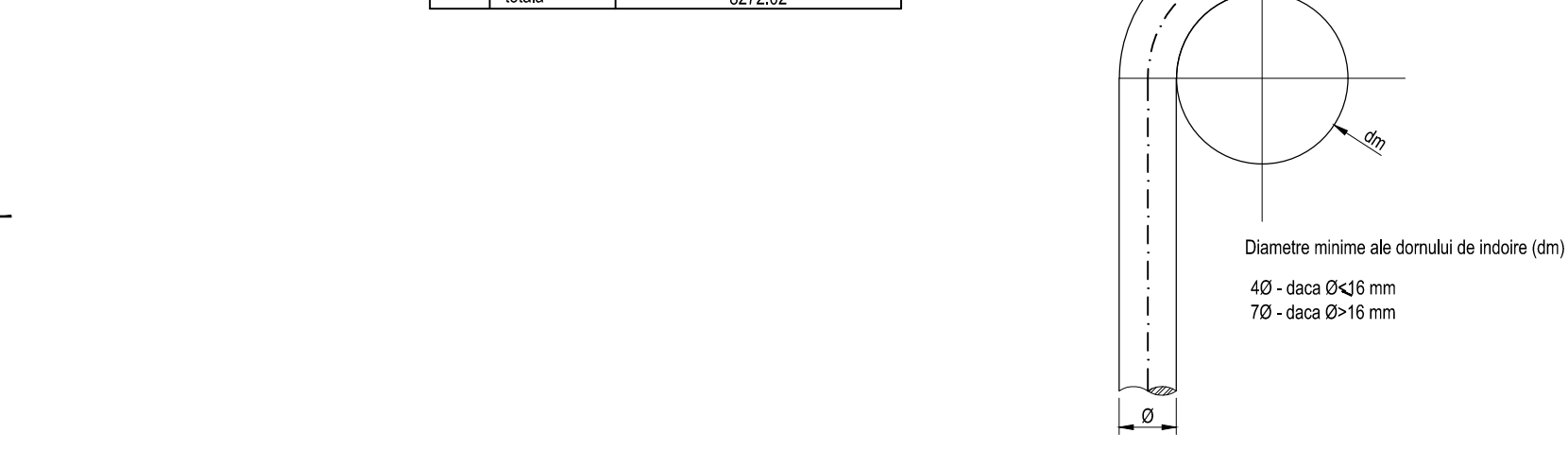
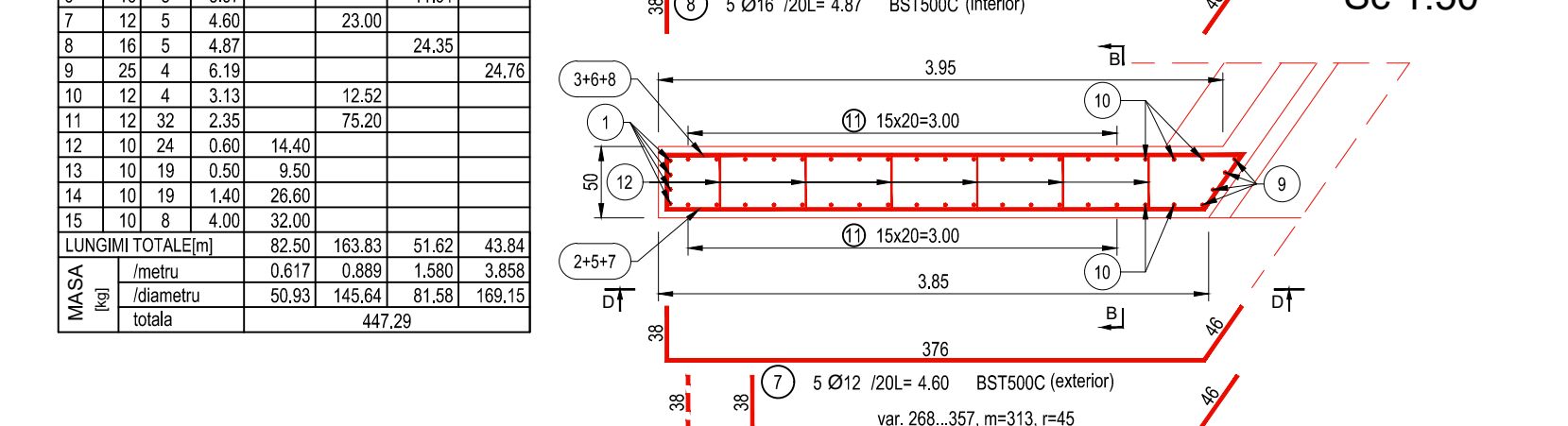
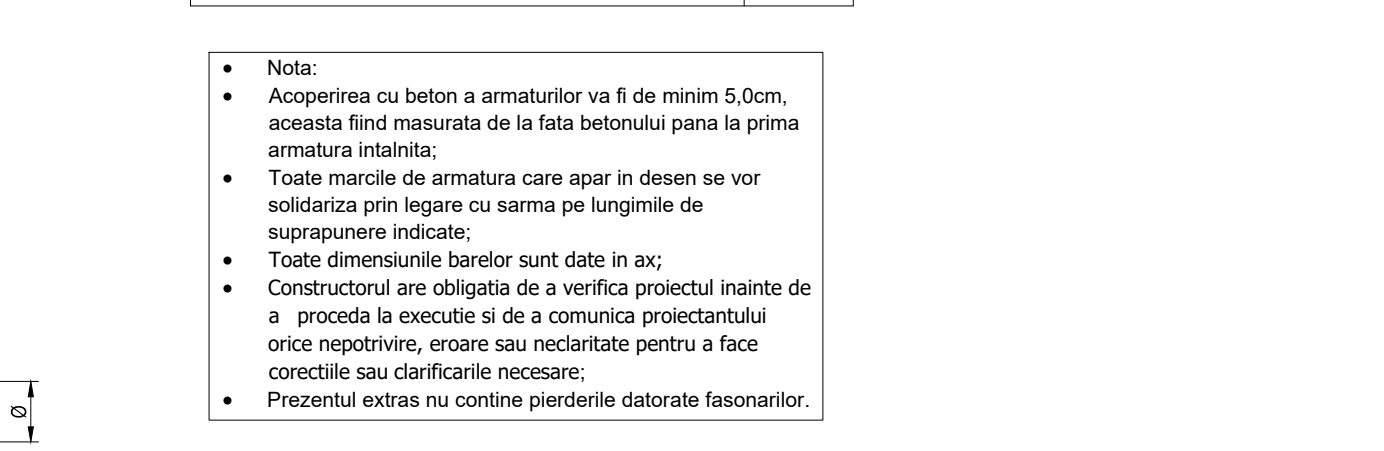
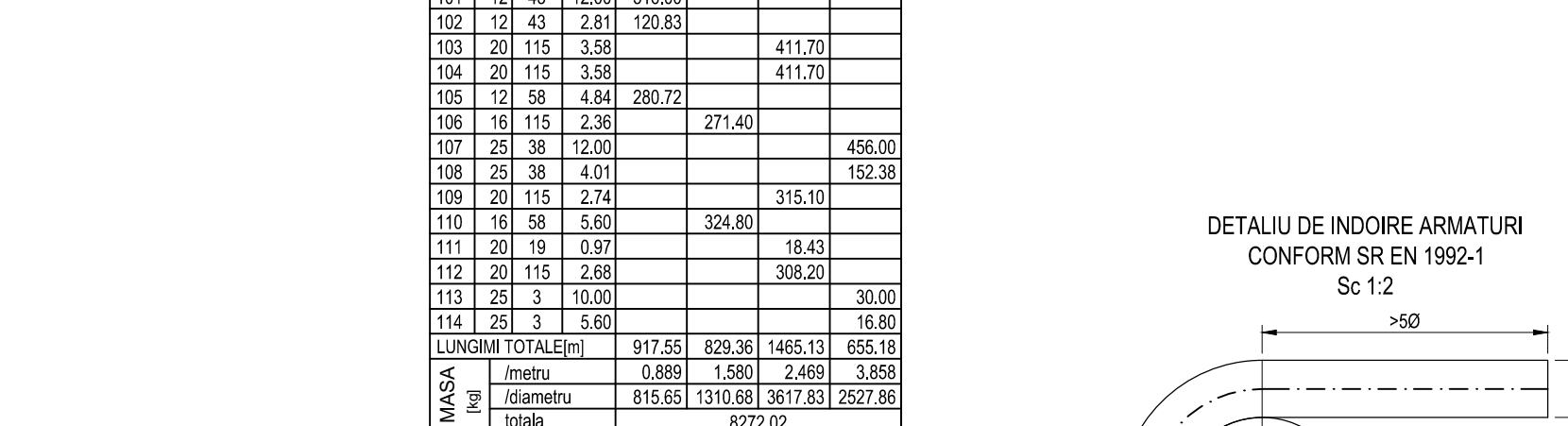
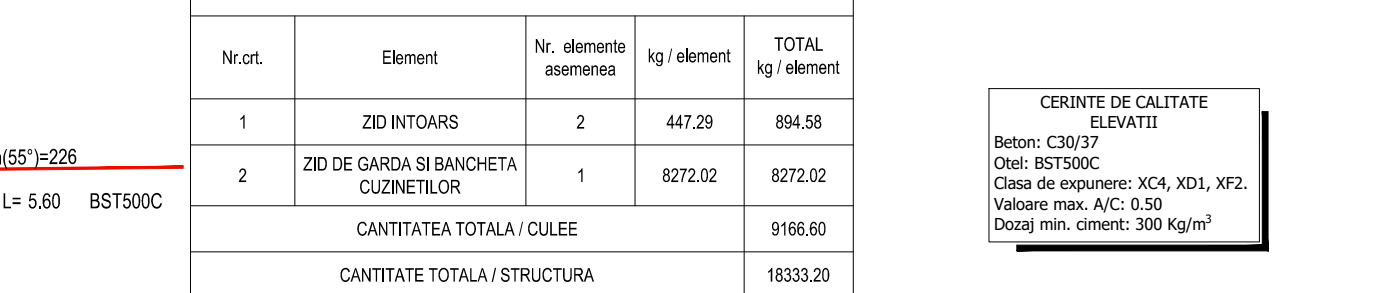
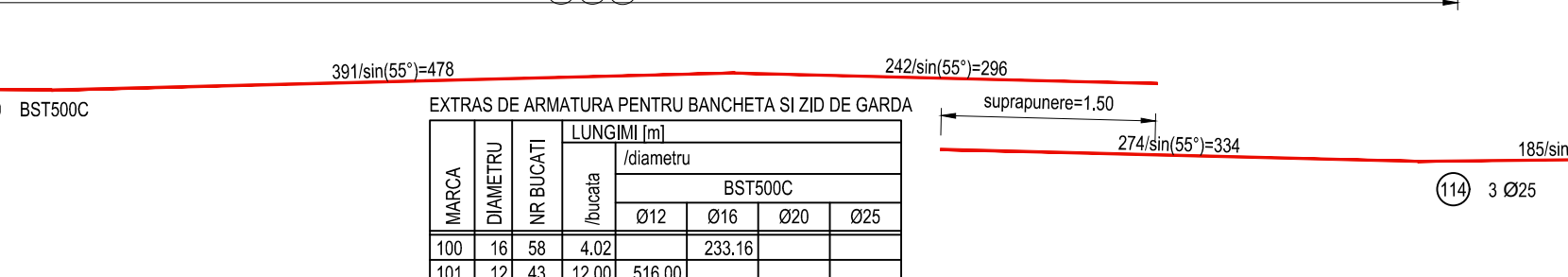
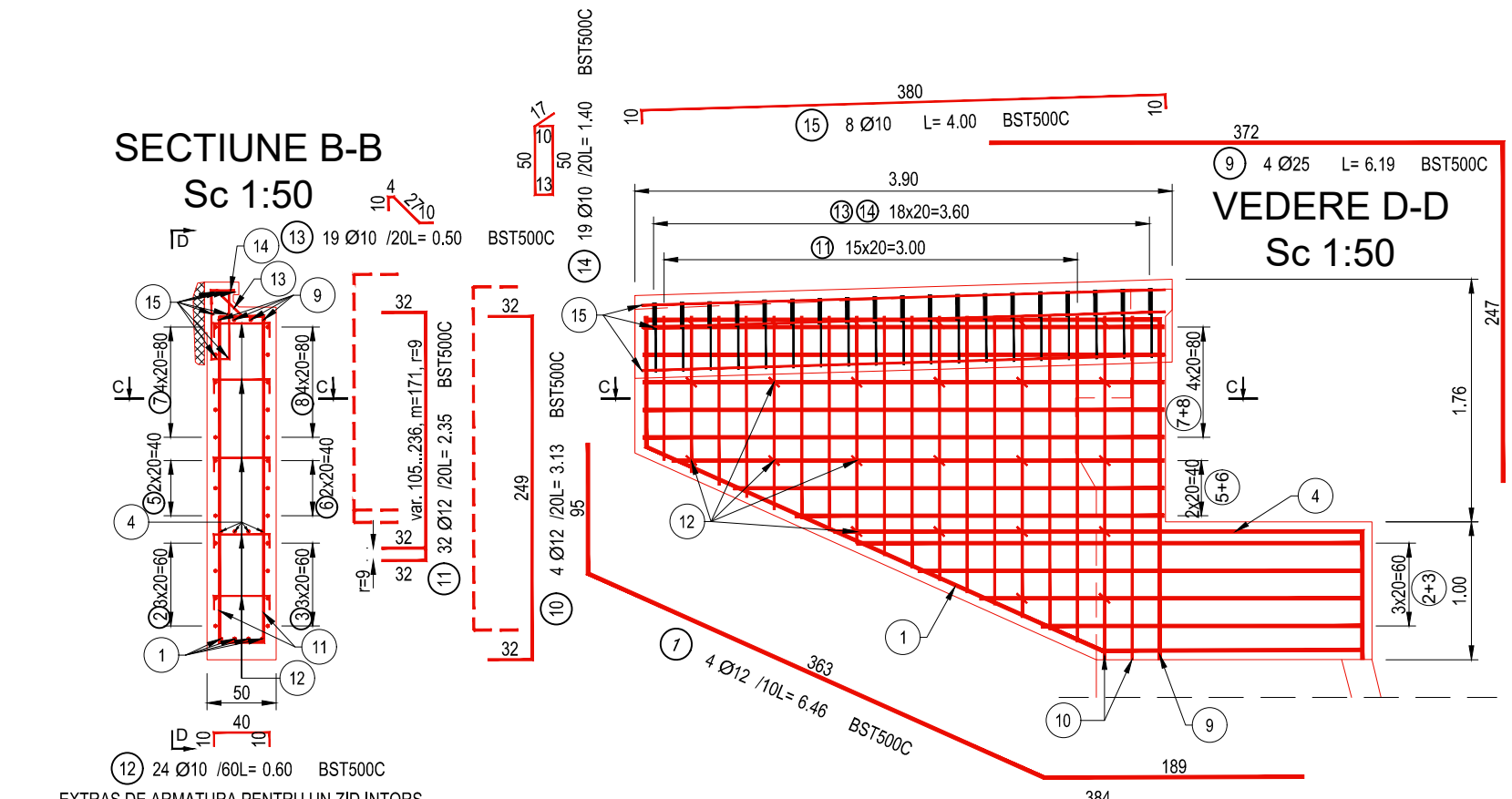
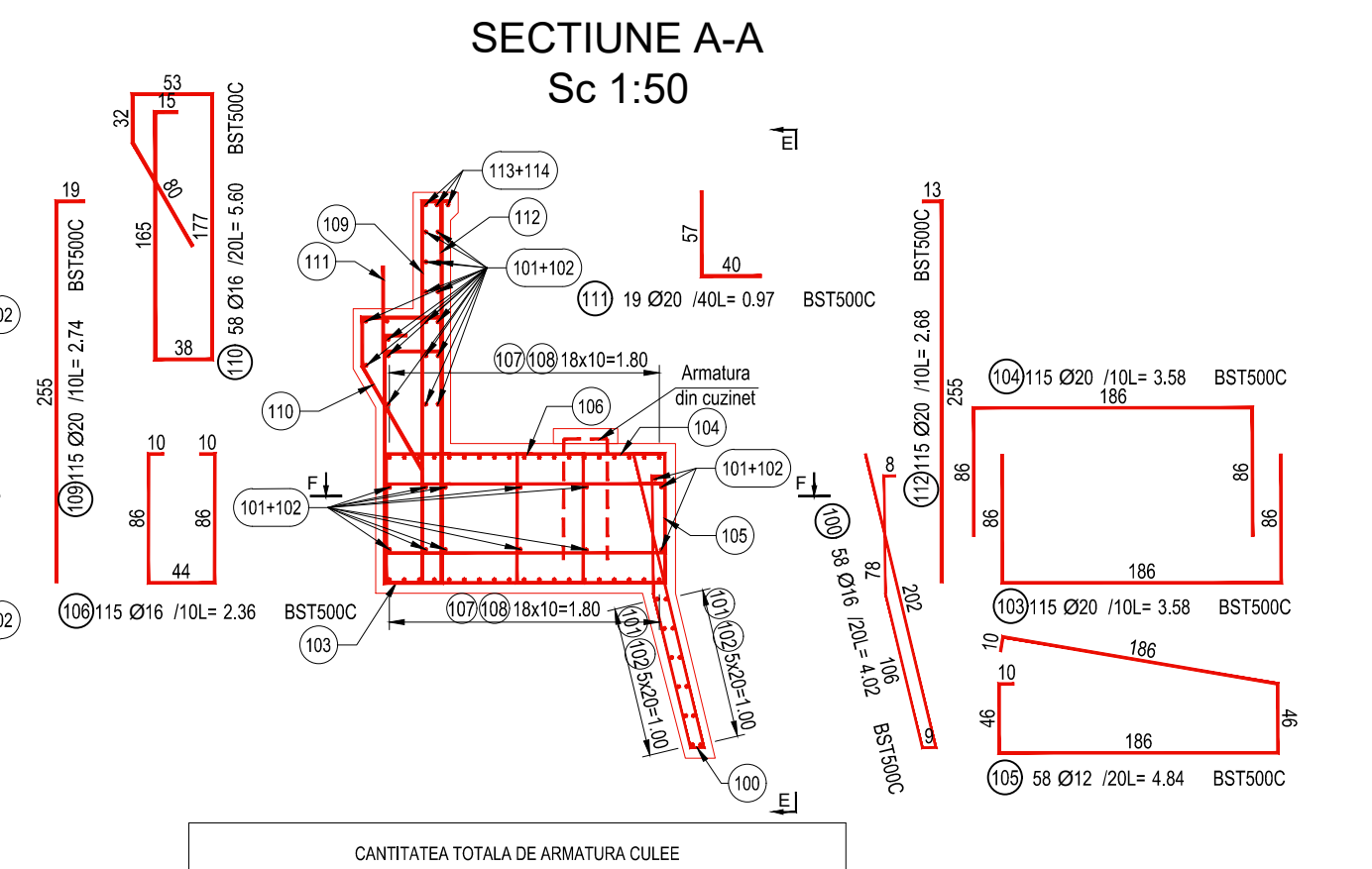
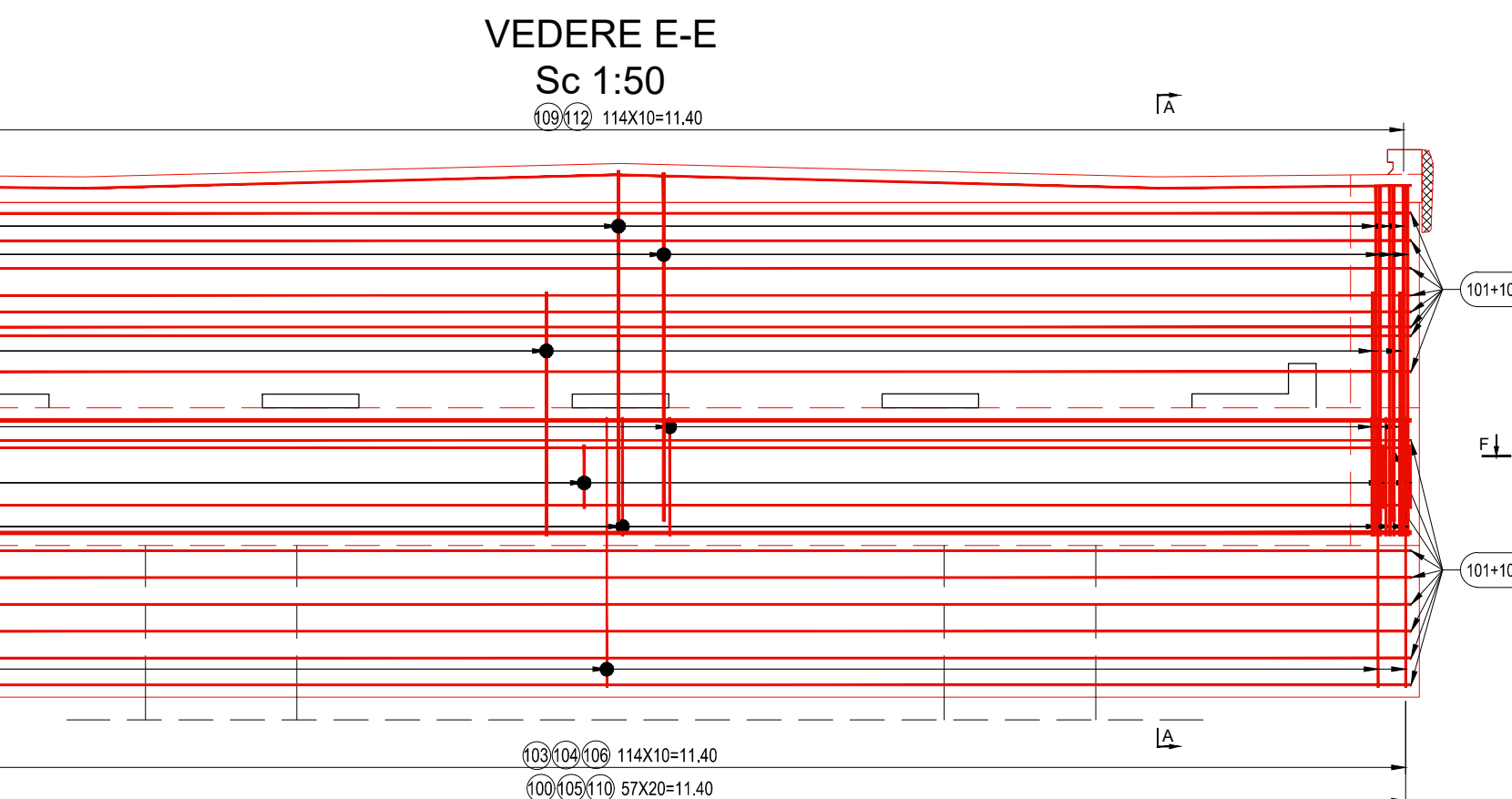
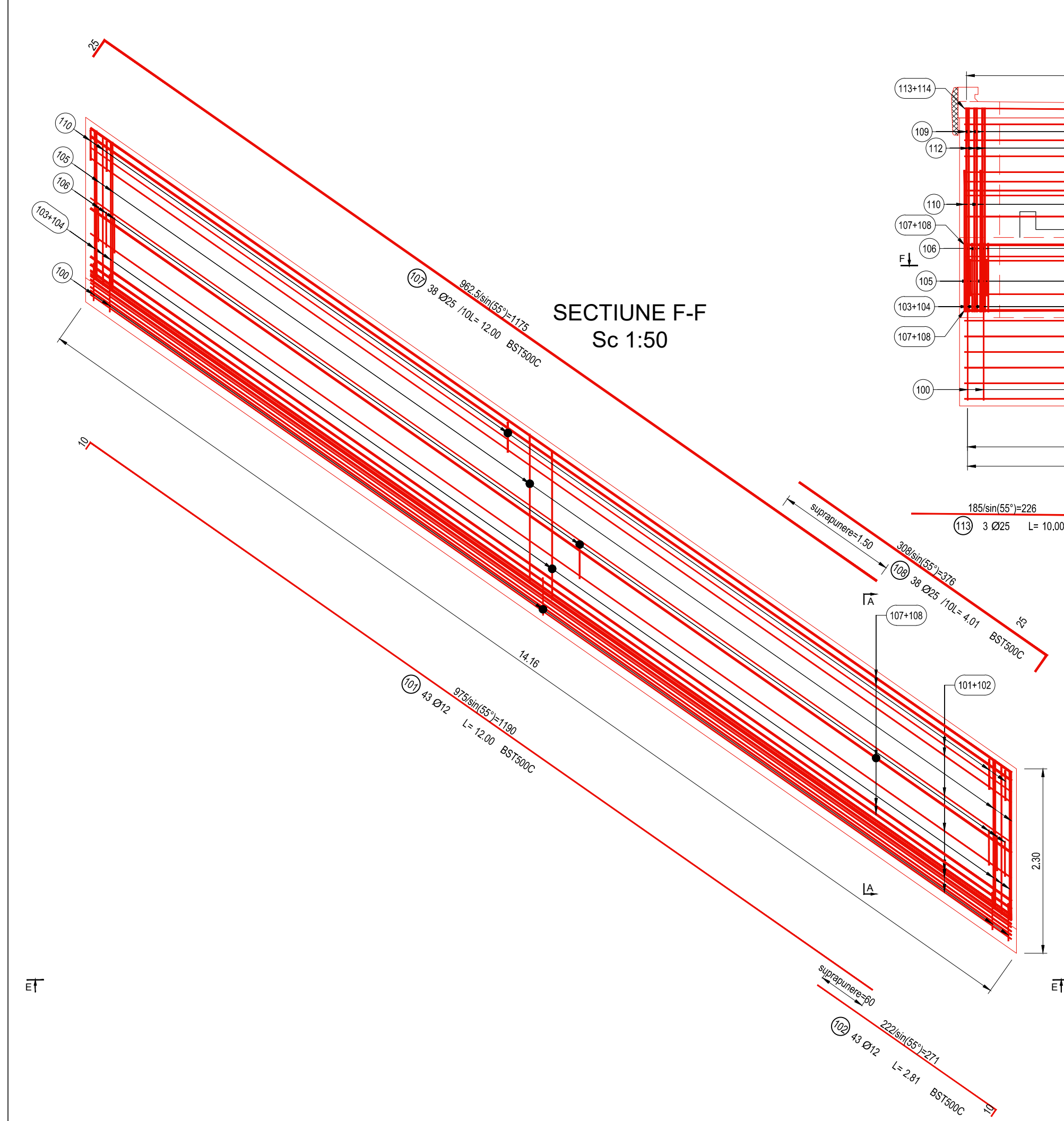
DENUMIRE PROIECT
PROIECTARE SI EXECUTIE
"VARIANTA DE OCOLIRE
TIMISOARA SUD"
ELABORARE PROIECT TEHNIC
REST DE EXECUTAT

NUMAR CONTRACT: 550/36/09.02.2021

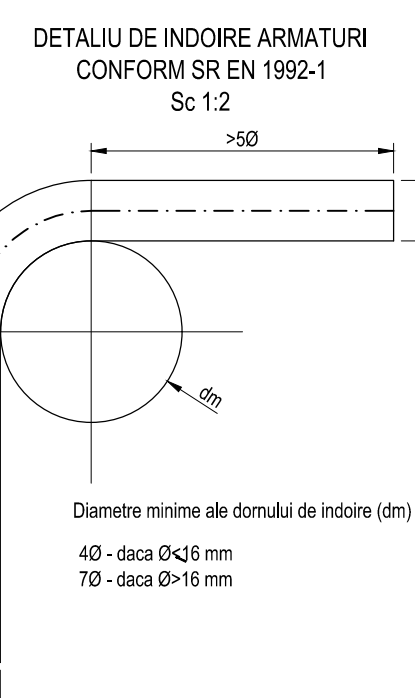
	FAZA PROIECT	
	PROIECT TEHNIC	
	REST DE EXECUTAT	
	Data : 03.2023	
3	VERIFICATOR TEHNIC	

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 PLANSĂ
NR. REV.	DATA	SEMN.	PASAJ KM 7+156 PESTE CF 124 TIMISOARA NORD-VOITENI PLAN COFRAJ PLACA DE SUPRABETONARE DE SCHIDERE CENTRALA
			Scara : 1:50 1:20
			NUMAR PLANSĂ
			10036-VOTM-STR05-Ce-02



EXTRAS DE ARMATURA PENTRU BANCHETA SI ZID DE GARDA									
MARCA	DIAMETRU	NR BUCATI	LUNGIMI [m]						
			/fucata	/diamentru				BST500C	
				Ø12	Ø16	Ø20	Ø25		
100	16	58	4.02		233.16				
101	12	43	12.00		516.00				
102	12	43	2.81		120.83				
103	20	115	3.58					411.70	
104	20	115	3.58					411.70	
105	12	58	4.84		280.72				
106	16	115	2.36			271.40			
107	25	38	12.00						456.00
108	25	38	4.01						152.38
109	20	115	2.74					315.10	
110	16	58	5.60			324.80			
111	20	19	0.97					18.43	
112	20	115	2.68					308.20	
113	25	3	10.00						30.00
114	25	3	5.60						16.80
LUNGIMI TOTALE[m]				917.55	829.36	1465.13	655.18		
MASA	[kg]			/metru	0.889	1.580	2.469	3.858	
				/diamentru	815.65	1310.68	3617.83	2527.86	
				totala	8272.02				



CANTITATEA TOTALA DE ARMATURA CULEE				
Nr.crt.	Element	Nr. elemente asemenea	kg / element	TOTAL kg / element
1	ZID INTOARS	2	447.29	894.58
2	ZID DE GARDA SI BANCHETA CUZINETILOR	1	8272.02	8272.02
CANTITATEA TOTALA / CULEE				9166.60
CANTITATE TOTALA / STRUCTURA				18333.20

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

- Nota:
- Acoperirea cu beton a armaturilor va fi de minim 5,0cm, aceasta fiind masurata de la fata betonului pana la prima armatura intalnita;
- Toate marcele de armatura care apar in desen se vor solidariza prin legare cu sarma pe lungimile de suprapunere indicate;
- 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;
- Prezentul extras nu contine pierderile datorate fasonarilor.

EXTRAS DE ARMATURA PENTRU UN ZID INTORS									
MARCA	DIAMETRU	NR BUCATI	LUNGIMI [m]						
			/bucata	/diametru					
				BST500C					
				Ø10	Ø12	Ø16	Ø25		
1	12	4	6.46		25.84				
2	12	4	3.84		15.36				
3	16	4	3.84				15.36		
4	25	4	4.77						19.08
5	12	3	3.97		11.91				
6	16	3	3.97				11.91		
7	12	5	4.60		23.00				
8	16	5	4.87				24.35		
9	25	4	6.19						24.76
10	12	4	3.13		12.52				
11	12	32	2.35		75.20				
12	10	24	0.60	14.40					
13	10	19	0.50	9.50					
14	10	19	1.40	26.60					
15	10	8	4.00	32.00					
LUNGIMI TOTALE[m]				82.50	163.83	51.62	43.84		
				/metru	0.617	0.889	1.580	3.858	
				/diamentru	50.93	145.64	81.58	169.15	
MASA [kg]					447.29				

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

PROIECTANT GENERAL
D.P. CONSULT S.A.

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.

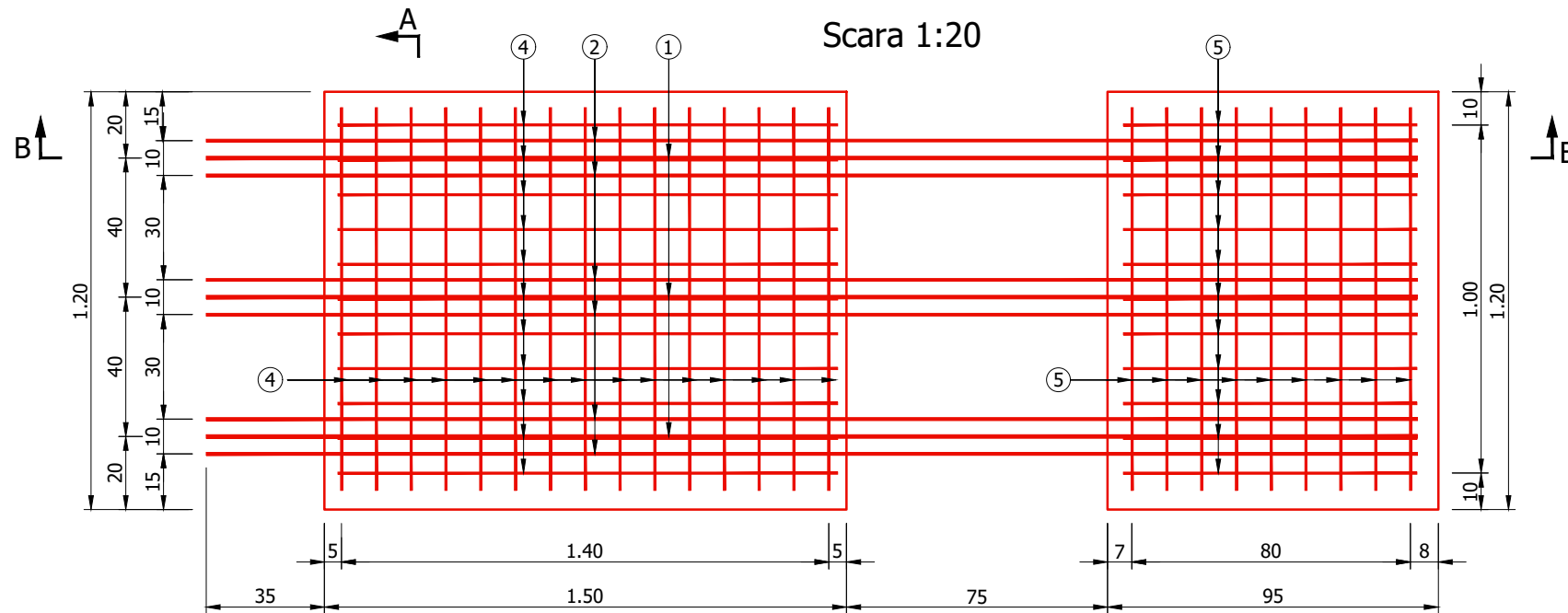
DENUMIRE PLANSA
PASAJ KM 7+156 PESTE CF 124
TIMISOARA NORD-VOITENI

PLAN ARMARE ZID INTORS,
BANCHETA SI ZID DE GARDA

Scara : 1:2, 1:50

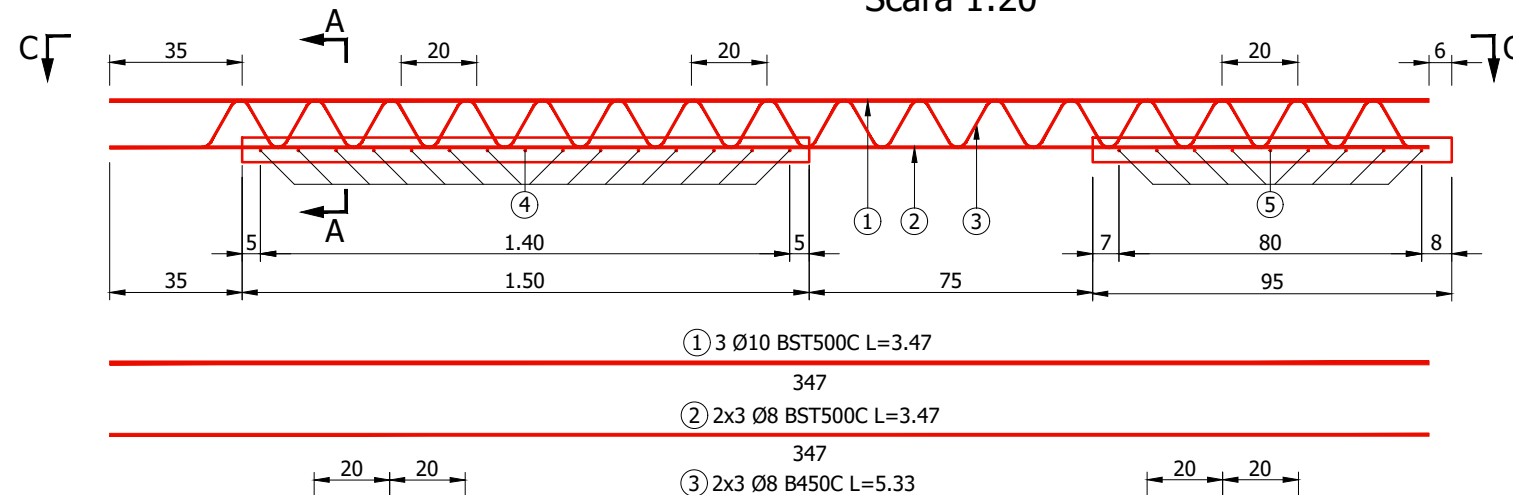
NUMAR PLANSA
10036-VOTM-STR05-AI-04

VEDERE PLANA C-C



SECTIUNE LONGITUDINALA B-B

Scara 1:20



EXTRAS ARMATURA

Marca	ϕ (mm)	n (buc.)	L (m)	nxL-B450C $\phi 8$	nxL-BST500C $\phi 8$	$\phi 10$
1	10	3	3.47			10.41
2	8	6	3.47		20.82	
3	8	6	5.33	31.98		
TOTAL LUNGIMI PE DIAMETRU (m)				31.98	20.82	10.41
GREUTATE PE METRU (kg/m)				0.395	0.395	0.617
GREUTATE PE DIAMETRU (kg)				12.632	8.224	6.423
GREUTATE PE TIP DE OTEL (kg)				12.63		14.65
GREUTATE TOTALA (kg)					27.30	

EXTRAS PLASA SUDATA

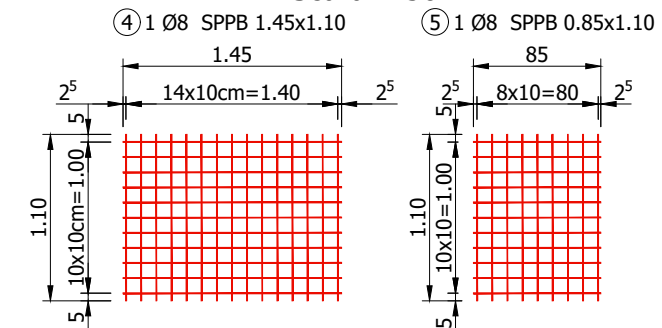
Marca	ϕ (mm)	n (buc.)	L (m)	L (m)	S (m ²)	SPPB $\phi 8$
4	8	1	1.10	1.45	1.60	32.45
5	8	1	1.10	0.85	0.94	19.25
TOTAL LUNGIMI PE DIAMETRU (m)						51.7
GREUTATE PE METRU (kg/m)						0.395
GREUTATE PE DIAMETRU (kg)						20.422
GREUTATE PE TIP DE OTEL (kg)						20.42
GREUTATE TOTALA (kg)						20.42

Tabel centralizator predale

Tip	Armatura/predala	Plasa sudata/predala	Nr predale/structura	Cantitate/structura
A	27.3000	20.4200	304	14506.8800

PLASA SUDATA

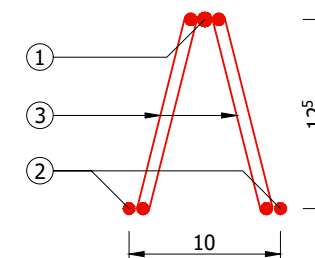
Scara 1:50

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

DETALIUL "A"

Scara 1:5

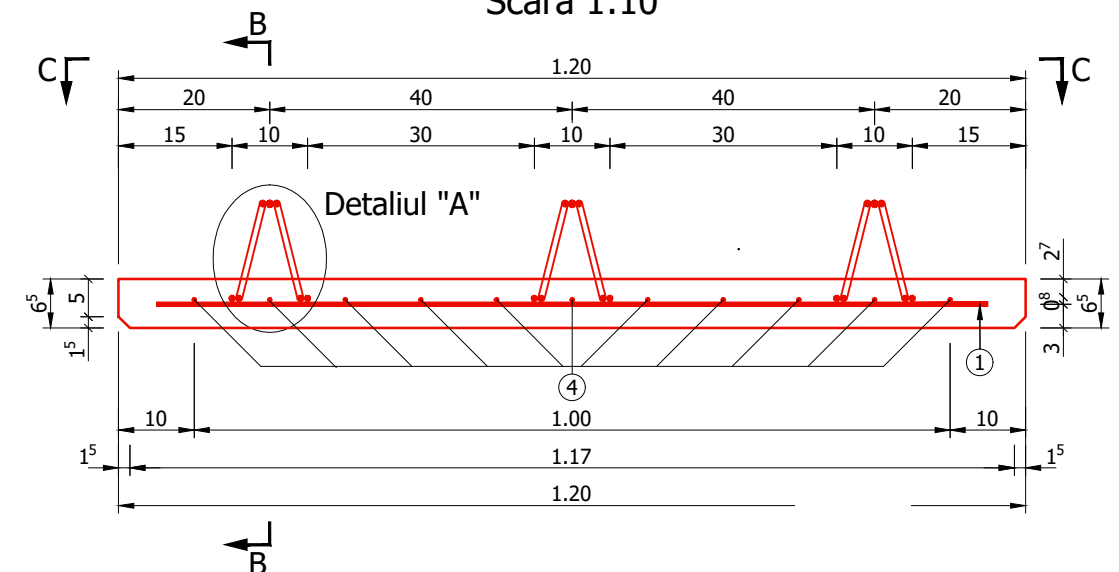


NOTA:

- 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.

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. 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 7+156 PESTE CF 124
TIMISOARA NORD-VOITENI
PLAN ARMARE PREDALA
PREFABRICATA TIP A
1.50x1.20 + 0.95x1.20

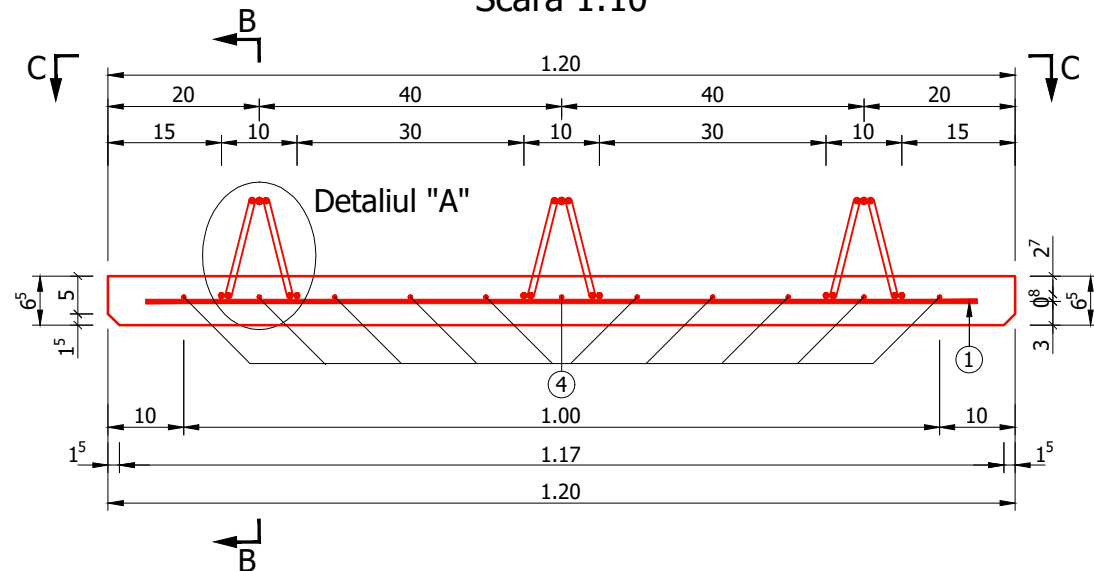
Scara : 1:50 1:20 1:10 1:5

NUMAR PLANSA

10036-VOTM-STR5-AS-01

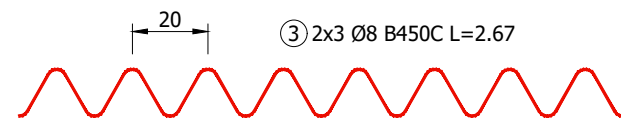
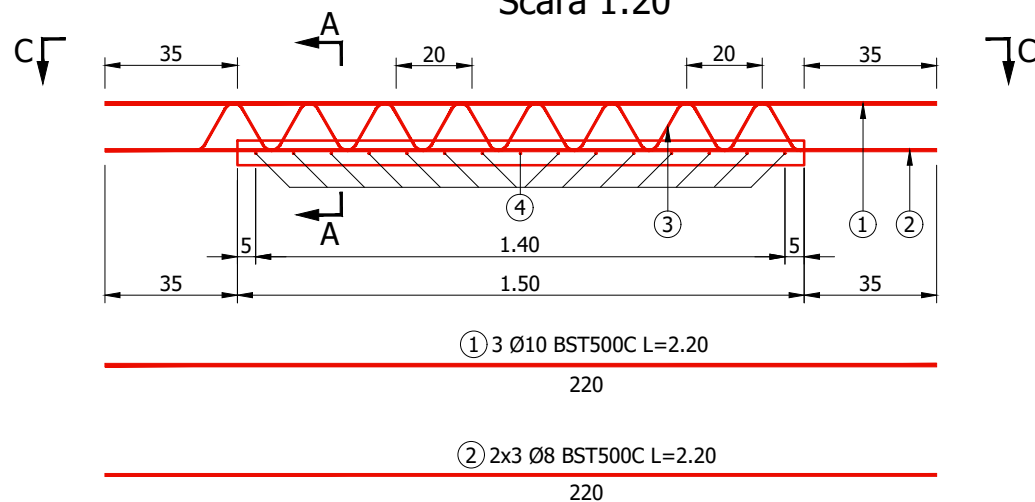
SECTIUNE TRANSVERSALA A-A

Scara 1:10



SECTIUNE LONGITUDINALA B-B

Scara 1:20

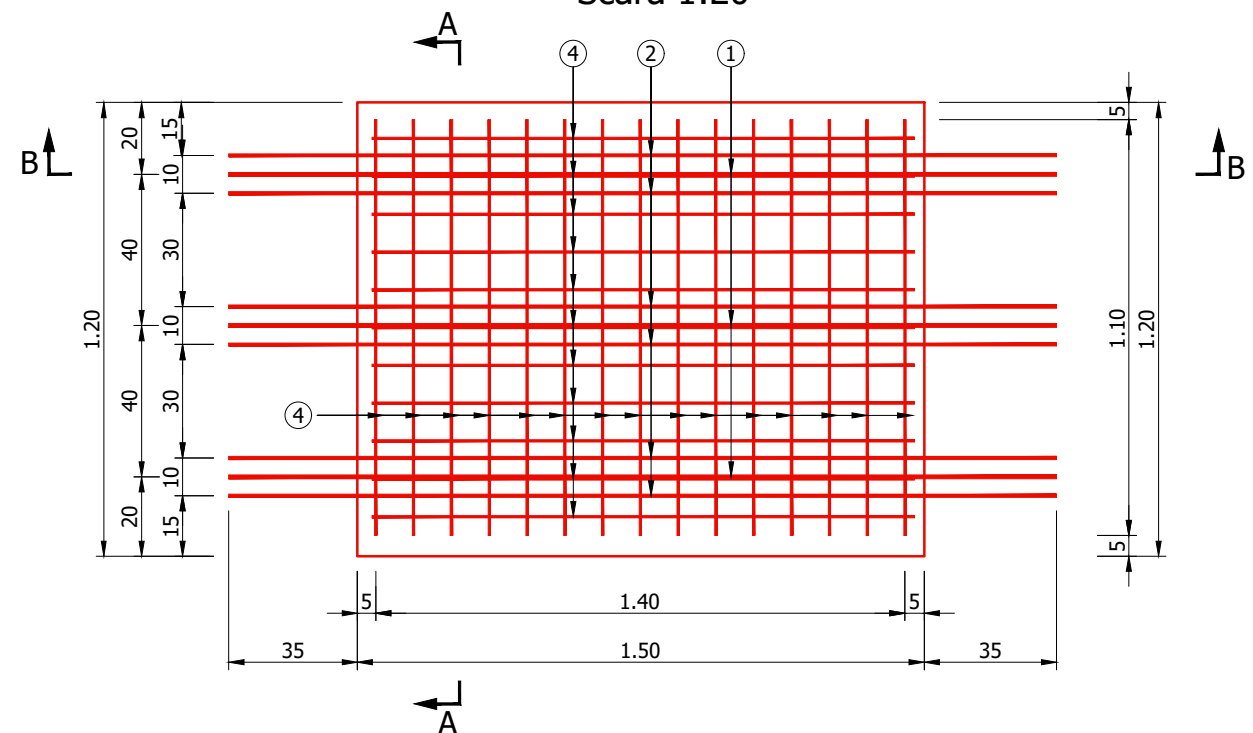


EXTRAS ARMATURA

Marca	φ (mm)	n (buc.)	L (m)	nxL-B450C φ8	nxL-BST500C φ10
1	10	3	2.20		6.60
2	8	6	2.20	13.20	
3	8	6	2.64	15.84	
TOTAL LUNGIMI PE DIAMETRU (m)				15.84	6.60
GREUTATE PE METRU (kg/m)				0.395	0.617
GREUTATE PE DIAMETRU (kg)				6.257	4.072
GREUTATE PE TIP DE OTEL (kg)				6.26	9.29
GREUTATE TOTALA (kg)				15.55	

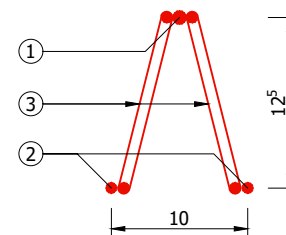
VEDERE PLANA C-C

Scara 1:20



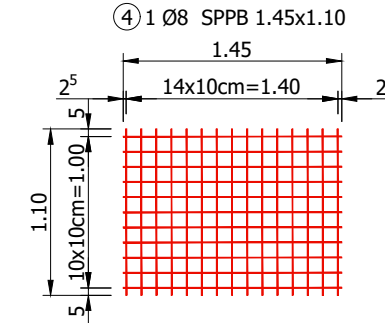
DETALIUL "A"

Scara 1:5



PLASA SUDATA

Scara 1:50



EXTRAS PLASA SUDATA

Marca	φ (mm)	n (buc.)	l (m)	L (m)	S (m ²)	SPPB φ8
4	8	1	1.10	1.45	1.60	32.45
TOTAL LUNGIMI PE DIAMETRU (m)						32.45
GREUTATE PE METRU (kg/m)						0.395
GREUTATE PE DIAMETRU (kg)						12.818
GREUTATE PE TIP DE OTEL (kg)						12.82
GREUTATE TOTALA (kg)						12.85

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

NOTA:

- Stratul minim de acoperire este 5cm;
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Tabel centralizator predale

Tip	Armatura/predala	Plasa sudata/predala	Nr preadale/structura	Cantitate/structura
B	15.5500	12.8500	304	8633.6000

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 7+156 PESTE CF 124
TIMISOARA NORD-VOITENI
PLAN ARMARE PREDALA TIP B
PREFABRICATA 1.50x1.20

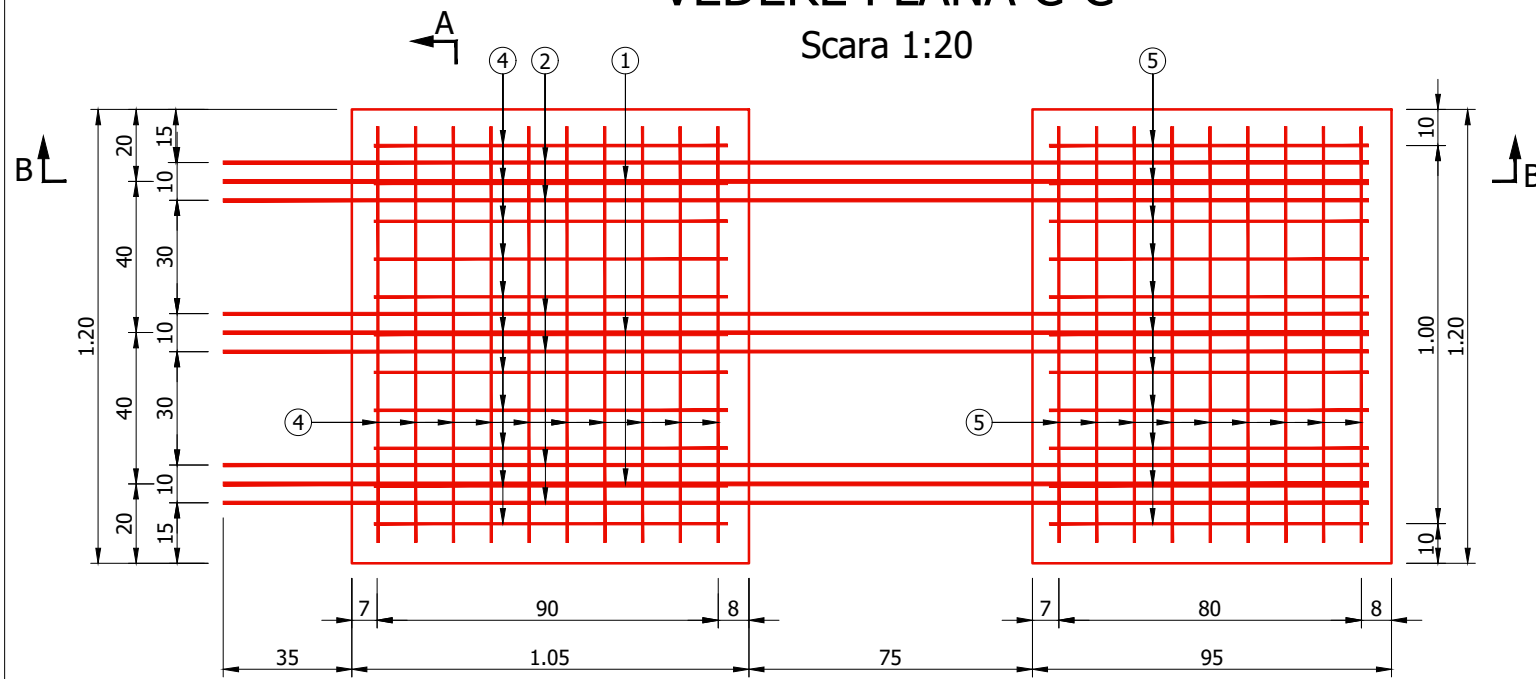
Scara : 1:50 1:20 1:10 1:5

NUMAR PLANSĂ

10036-VOTM-STR05-AS-02

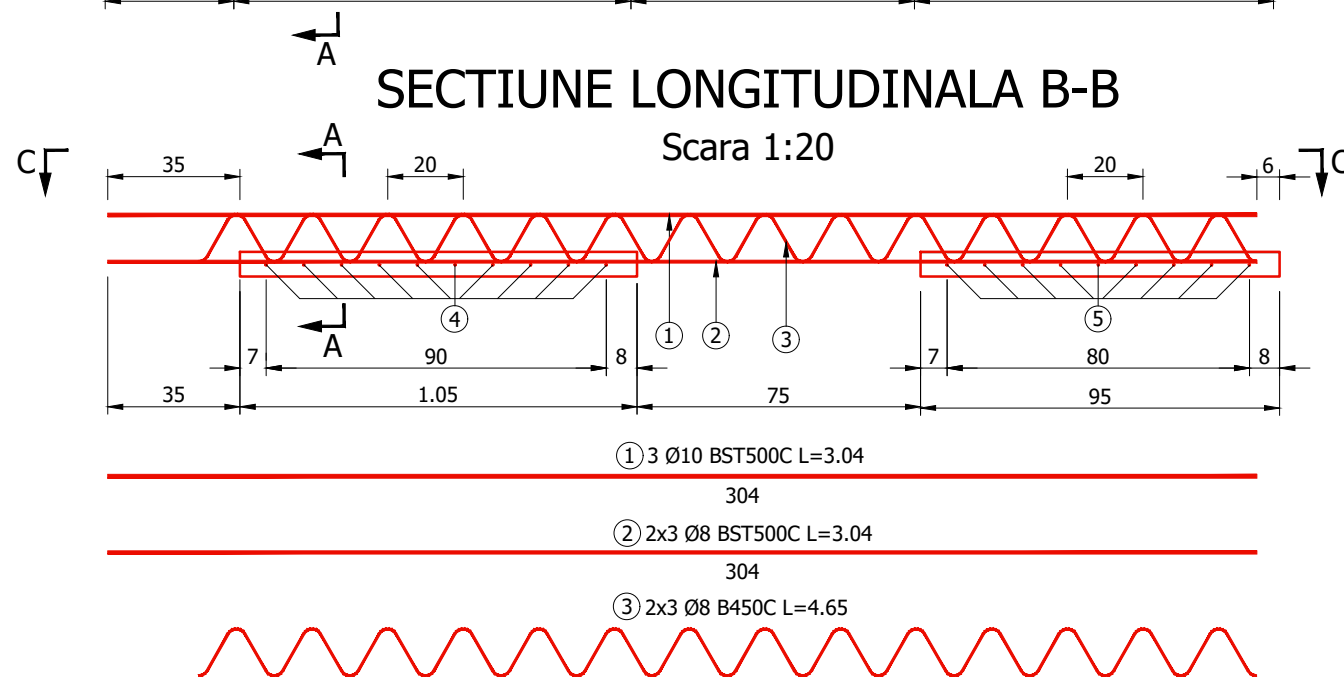
VEDERE PLANA C-C

Scara 1:20



SECTIUNE LONGITUDINALA B-B

Scara 1:20



EXTRAS ARMATURA

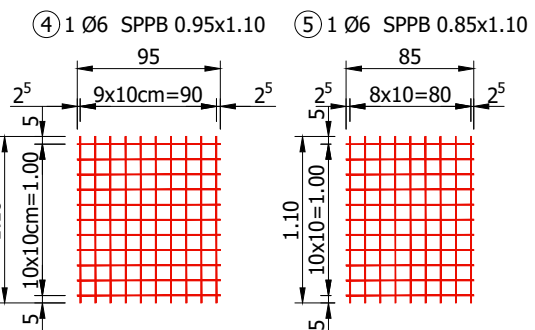
Marca	ϕ (mm)	n (buc.)	L (m)	nxL-B450C $\phi 8$	nxL-BST500C $\phi 8$	nxL-BST500C $\phi 10$
1	10	3	3.04			9.12
2	8	6	3.04		18.24	
3	8	6	4.65	27.9		
TOTAL LUNGIMI PE DIAMETRU (m)				27.9	18.24	9.12
GREUTATE PE METRU (kg/m)				0.395	0.395	0.617
GREUTATE PE DIAMETRU (kg)				11.021	7.205	5.627
GREUTATE PE TIP DE OTEL (kg)				11.02	12.83	
GREUTATE TOTALA (kg)				23.85		

EXTRAS PLASA SUDATA

Marca	ϕ (mm)	n (buc.)	l (m)	L (m)	S (m ²)	SPPB $\phi 6$
4	6	1	1.10	0.95	1.05	21.45
5	6	1	1.10	0.85	0.94	19.25
TOTAL LUNGIMI PE DIAMETRU (m)						40.7
GREUTATE PE METRU (kg/m)						0.222
GREUTATE PE DIAMETRU (kg)						9.035
GREUTATE PE TIP DE OTEL (kg)						9.04
GREUTATE TOTALA (kg)						9.05

PLASA SUDATA

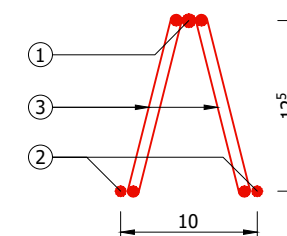
Scara 1:50

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

DETALIUL "A"

Scara 1:5

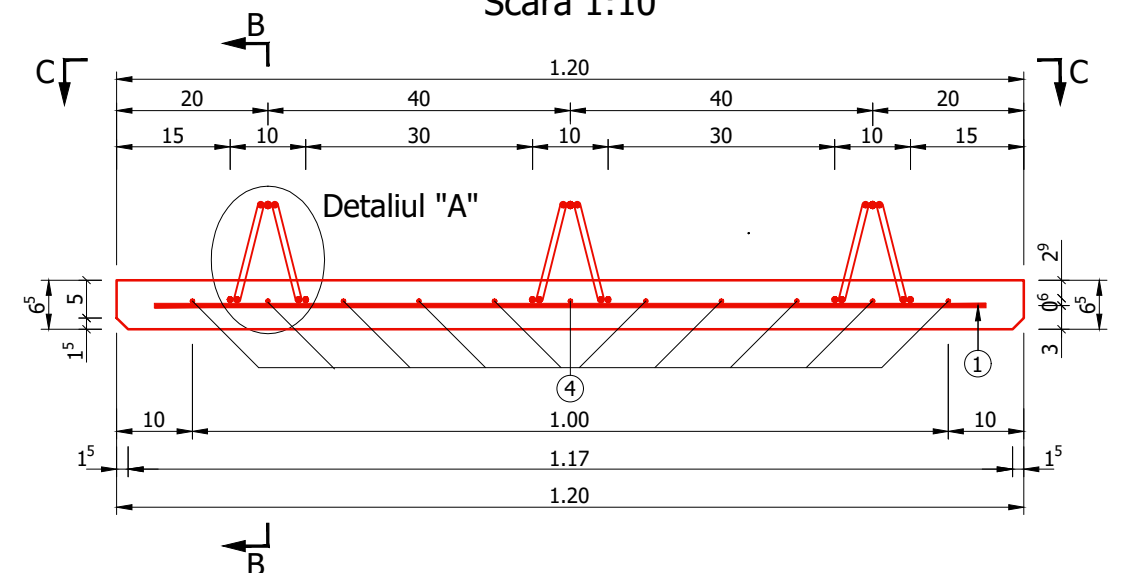


NOTA:

- 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.

SECTIUNE TRANSVERSALA A-A

Scara 1:10



Tabel centralizator predaie

Tip	Armatura/predala	Plasa sudata/predala	Nr predaie/structura	Cantitate/structura
C	23.8500	9.0500	48	1579.2000

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	SEM.
----------	------	------

DENUMIRE PLANSA

PASAJ KM 7+156 PESTE CF 124
TIMISOARA NORD-VOITENI
PLAN ARMARE PREDALA
PREFABRICATA TIP C
1.05x1.20 + 0.95x1.20

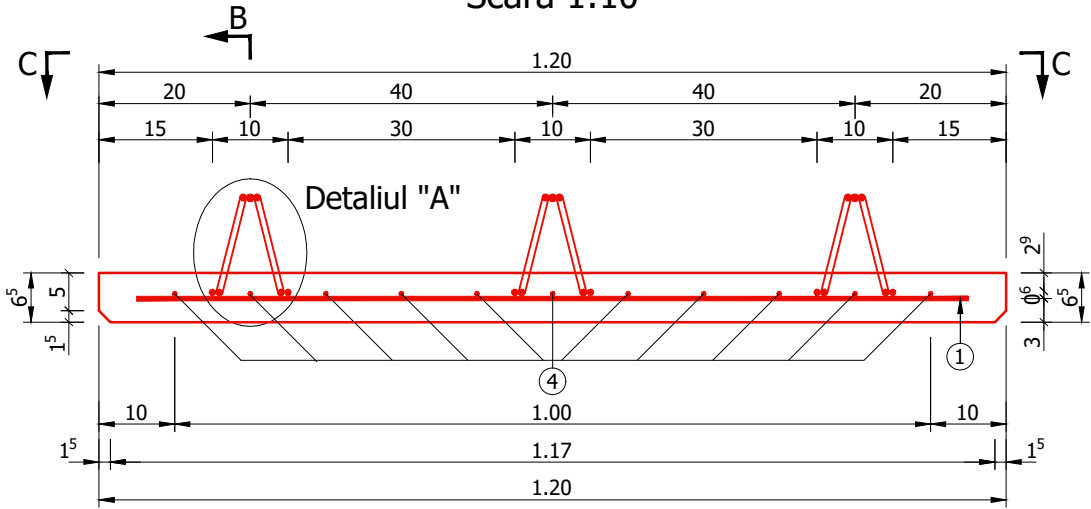
Scara : 1:50 1:20 1:10 1:5

NUMAR PLANSA

10036-VOTM-STR5-AS-03

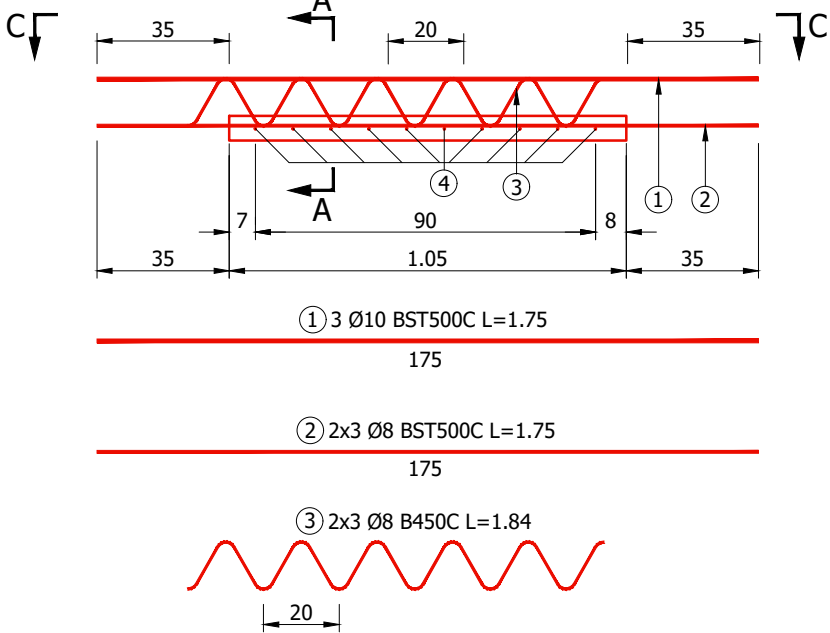
SECTIUNE TRANSVERSALA A-A

Scara 1:10



SECTIUNE LONGITUDINALA B-B

Scara 1:20



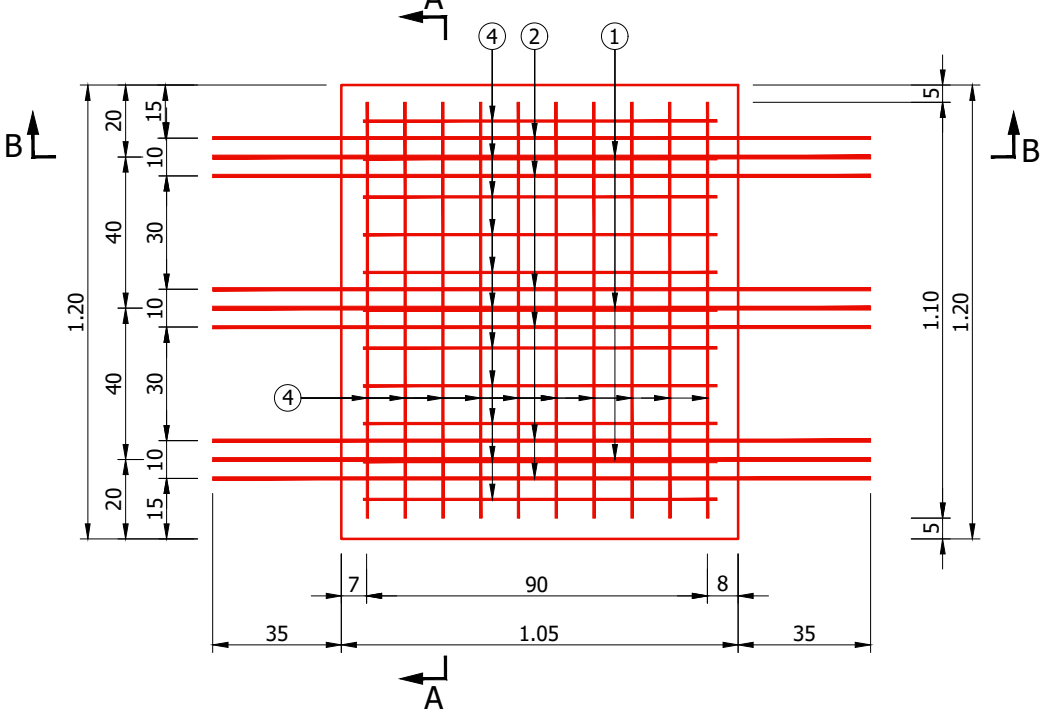
EXTRAS ARMATURA

Marca	ϕ (mm)	n (buc.)	L (m)	nxL-B450C $\phi 8$	nxL-BST500C $\phi 8$	$\phi 10$
1	10	3	1.75			5.25
2	8	6	1.85		11.10	
3	8	6	1.84	11.04		
TOTAL LUNGIMI PE DIAMETRU (m)				11.04	11.10	5.25
GREUTATE PE METRU (kg/m)				0.395	0.395	0.617
GREUTATE PE DIAMETRU (kg)				4.361	4.385	3.239
GREUTATE PE TIP DE OTEL (kg)				4.36	7.62	
GREUTATE TOTALA (kg)				12.00		



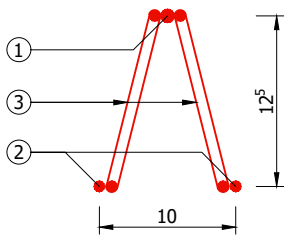
VEDERE PLANA C-C

Scara 1:20



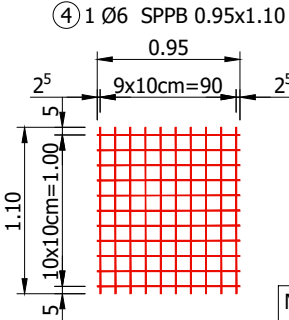
DETALIUL "A"

Scara 1:5



PLASA SUDATA

Scara 1:50



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

EXTRAS PLASA SUDATA

Marca	ϕ (mm)	n (buc.)	l (m)	L (m)	S (m ²)	SPPB $\phi 6$
4	6	1	1.10	0.95	1.05	21.45
TOTAL LUNGIMI PE DIAMETRU (m)						21.45
GREUTATE PE METRU (kg/m)						0.222
GREUTATE PE DIAMETRU (kg)						4.762
GREUTATE PE TIP DE OTEL (kg)						4.76
GREUTATE TOTALA (kg)						4.76

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.

Tabel centralizator predaie

Tip	Armatura/predala	Plasa sudata/predala	Nr predaie/structura	Cantitate/structura
D	12.0000	4.7600	72	1206.7200

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 PLANSA

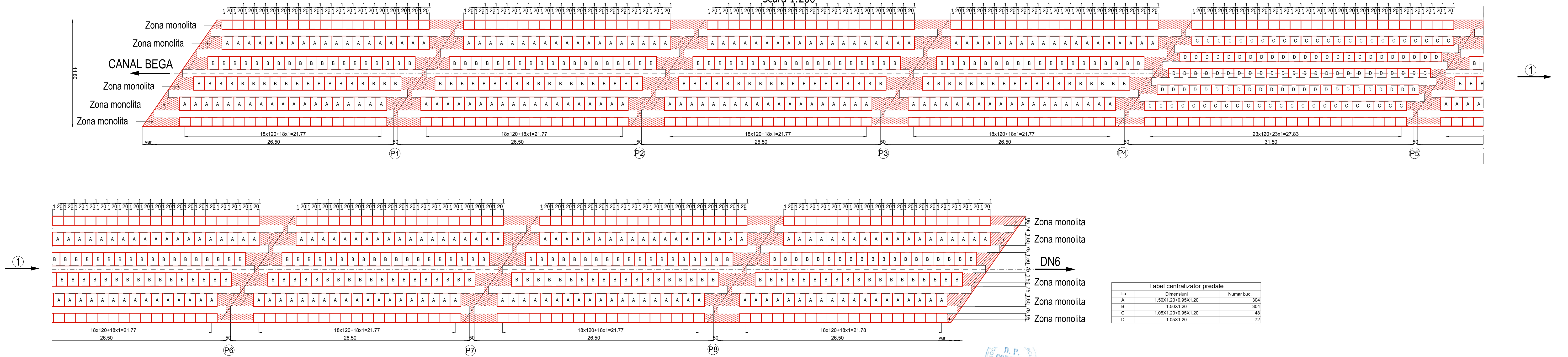
PASAJ KM 7+156 PESTE CF 124
TIMISOARA NORD-VOITENI
PLAN ARMARE PREDALA-Tip D
PREFABRICATA 1.05x1.20

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

NUMAR PLANSA

10036-VOTM-STR5-AS-04

Plan pozitionare predale
Scara 1:200



Tabel centralizator predale		
Tip	Dimensiuni	Numar buc.
A	1.50X1.20+0.95X1.20	304
B	1.50X1.20	304
C	1.05X1.20+0.95X1.20	48
D	1.05X1.20	72

INVESTITOR

PROIECTANT GENERAL

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

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Manager de Proiect
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Inginer Proiectant
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REVIZII		
NR. REV.	DATA	SEM.N.

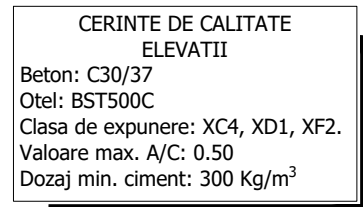
DENUMIRE PLANSA
PASAJ KM 7+156 PESTE CF 124
TIMISOARA NORD-VOITENI

PLAN DISPUNERE PREDALE

Scara : 1:200

NUMAR PLANSA
10036-VOTM-STR05-Cs-03

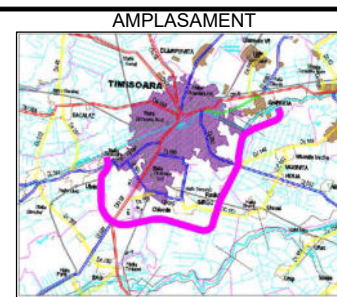
Sc. 1:50



- 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;



PROIECTANT GENERAL

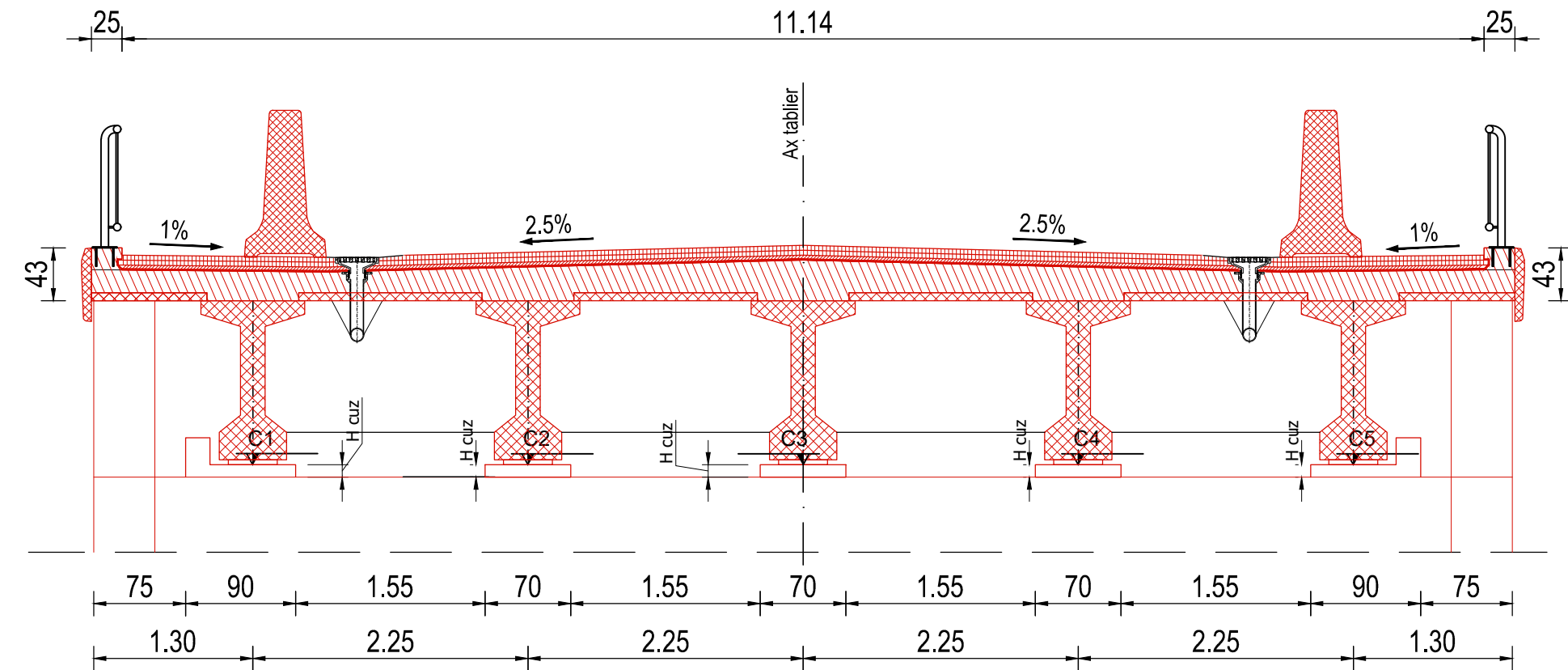


DENUMIRE PROIECT
PROIECTARE SI EXECUTIE
"VARIANTA DE OCOLIRE
TIMISOARA SUD"
ELABORARE PROIECT TEHNIC
REST DE EXECUTAT

NUMAR CONTRACT: 550/36/09.02.2023

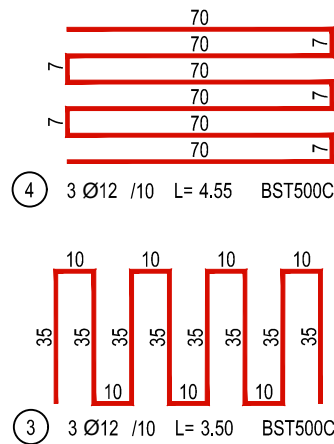
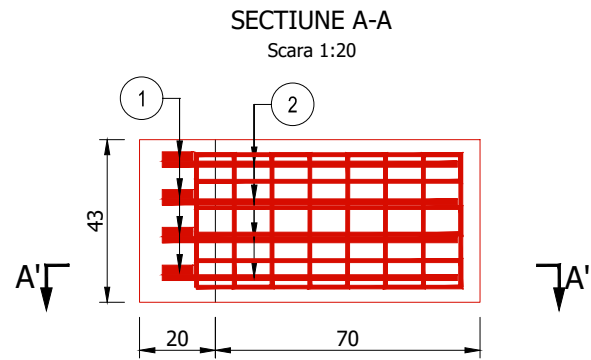
NUMAR PROIECT : 556

Sc. 1:50

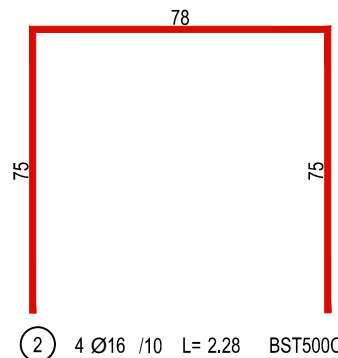
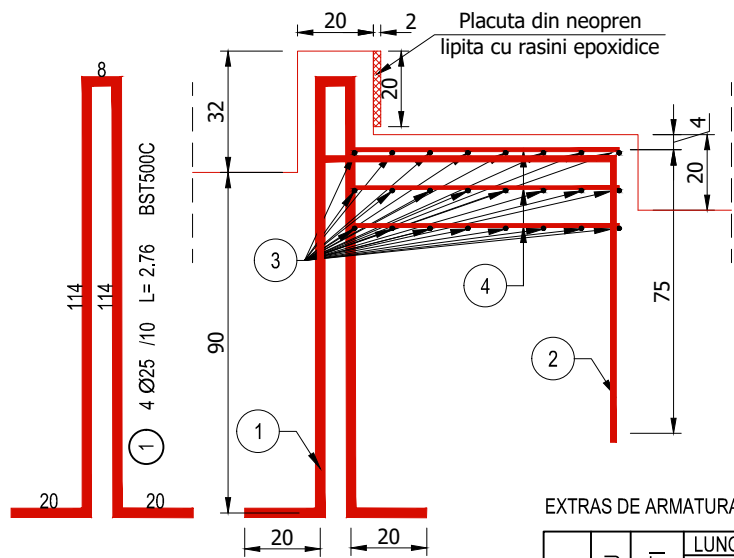


Cote cuzineti Culee C2					
	C1	C2	C3	C4	C5
Cota cale pe culee	97.530	97.630	97.730	97.720	97.700
H-Ar+Gr+Sbet+Cale	1.724	1.759	1.816	1.759	1.724
Cota cuzinet	95.806	95.871	95.915	95.961	95.976

REVIZII			DENUMIRE PLANSĂ
NR. REV.	DATA	SEMN.	PASAJ KM 5+366 PESTE DN 59 SI LINII DE TRAMVAI
			PLAN COFRAJ CUZINETI CULEI
			Scara : 1:50
			NUMAR PLANSĂ
			10036-VOTM-STR05-CI-06



SECTIUNE A'-A'
Scara 1:20

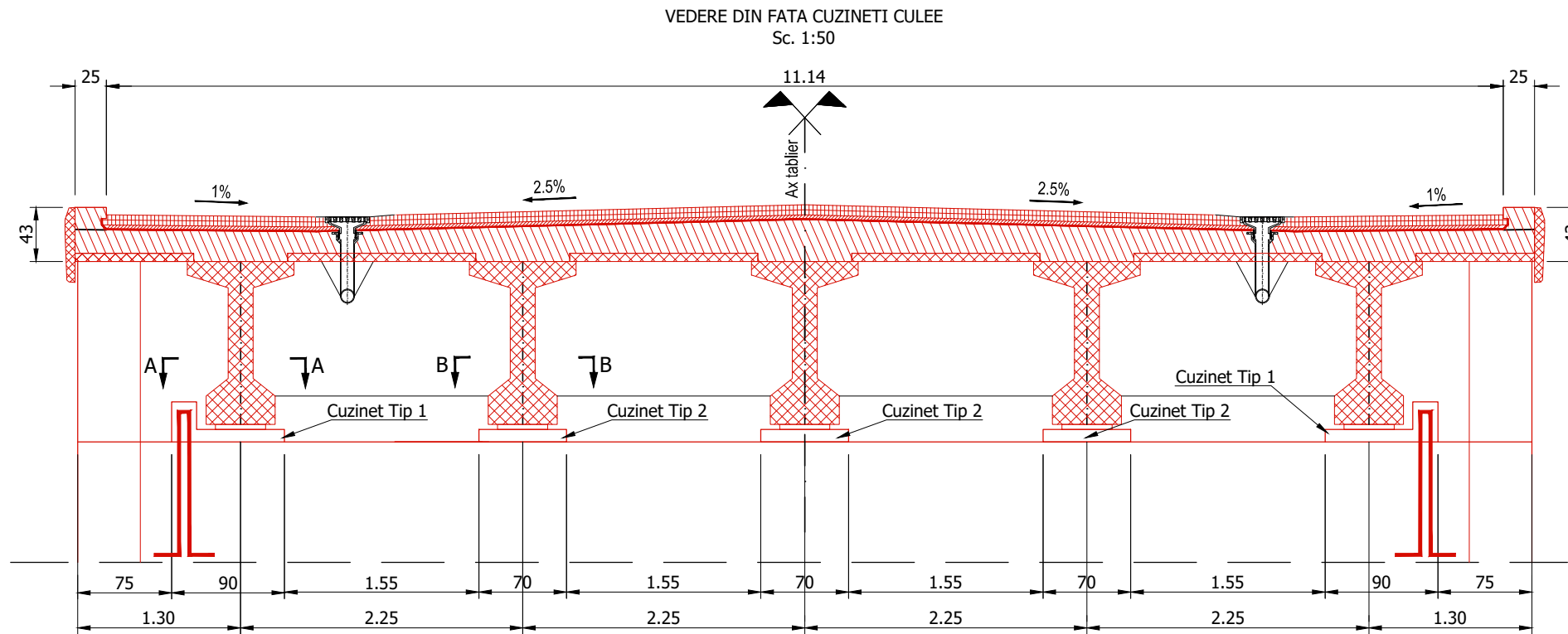


EXTRAS DE ARMATURA PENTRU UN CUZINET TIP 1

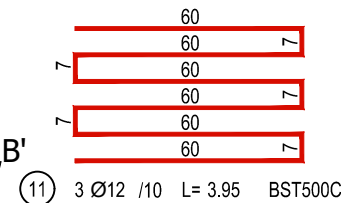
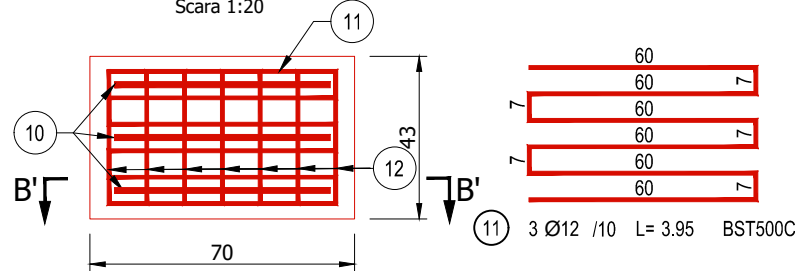
MARCA	DIAMETRU	NR BUCATI	LUNGIMI [m]			
			/bucata	/diametru		
				BST500C		
			Ø12	Ø16	Ø25	
1	25	4	2.76		11.04	
2	16	4	2.28	9.12		
3	12	3	3.50	10.50		
4	12	3	4.55	13.65		
LUNGIMI TOTALE[m]			24.15	9.12	11.04	
MASA [kg]	/metru		0.889	1.580	3.858	
	/diametru		21.47	14.41	42.60	
	totala		78.48			

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

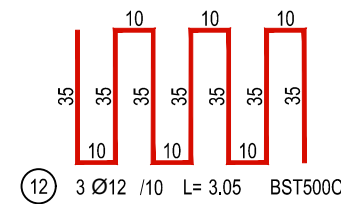
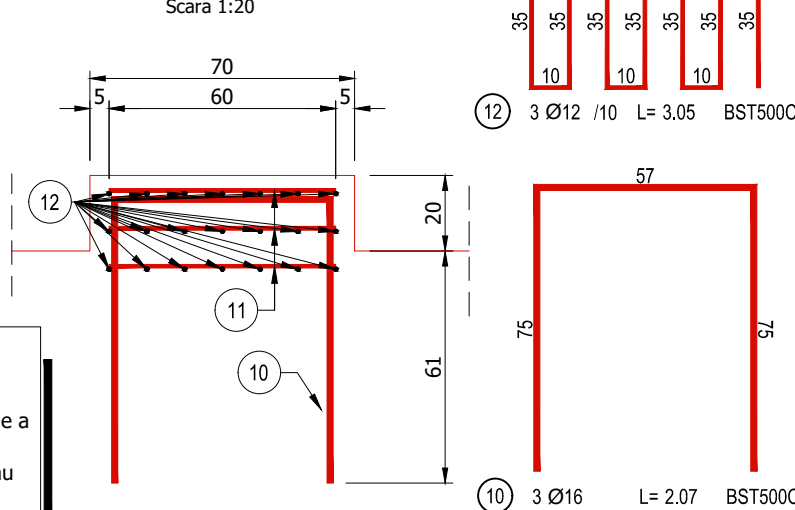
NOTA:
- Stratul minim de acoperire este 5cm;
- Toate dimensiunile barelor sunt date in ax;
- Constructorul are obligatia de a verifica proiectul inainte de a proceda la executie si de a comunica proiectantului orice nepotrivire, eroare sau neclaritate pentru a face corectiile sau clarificarile necesare.



SECTIUNE B-B
Scara 1:20



SECTIUNE B'-B'
Scara 1:20

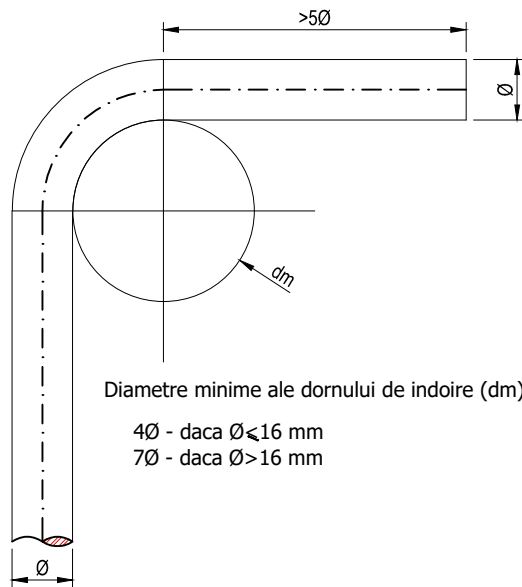


EXTRAS DE ARMATURA PENTRU UN CUZINET TIP 2

MARCA	DIAMETRU	NR BUCATI	/bucata	LUNGIMI [m]	
				/diametru	
				Ø12	Ø16
10	16	3	2.07		6.21
11	12	3	3.95	11.85	
12	12	3	3.05	9.15	
LUNGIMI TOTALE[m]				21.00	6.21
MASA [kg]	/metru			0.889	1.580
	/diametru			18.67	9.81
	totala			28.48	

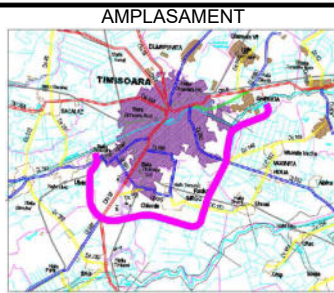
CANTITATEA TOTALA DE ARMATURA				
Nr.crt.	Element	Nr. elemente asemenea	kg / element	TOTAL kg / element
1	Cuzinet Tip 1	4	78.48	313.92
2	Cuzinet Tip 2	6	28.48	170.88
CANTITATEA TOTALA / STRUCTURA				484.80

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



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

PROIECTANT GENERAL
D P CONSULT S.A.



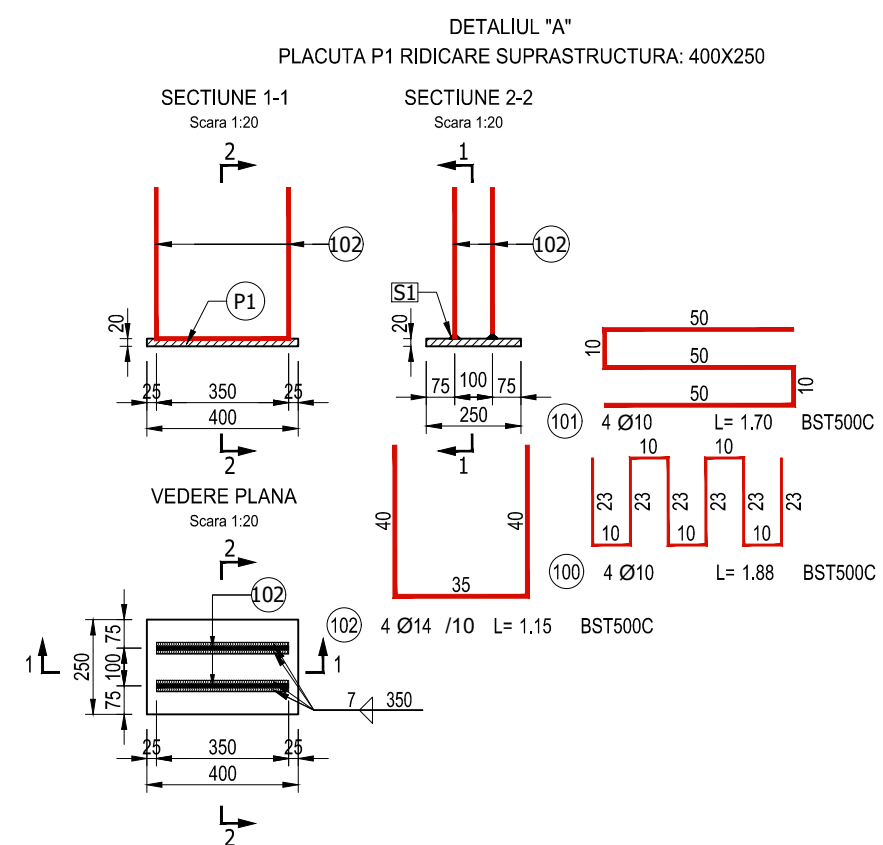
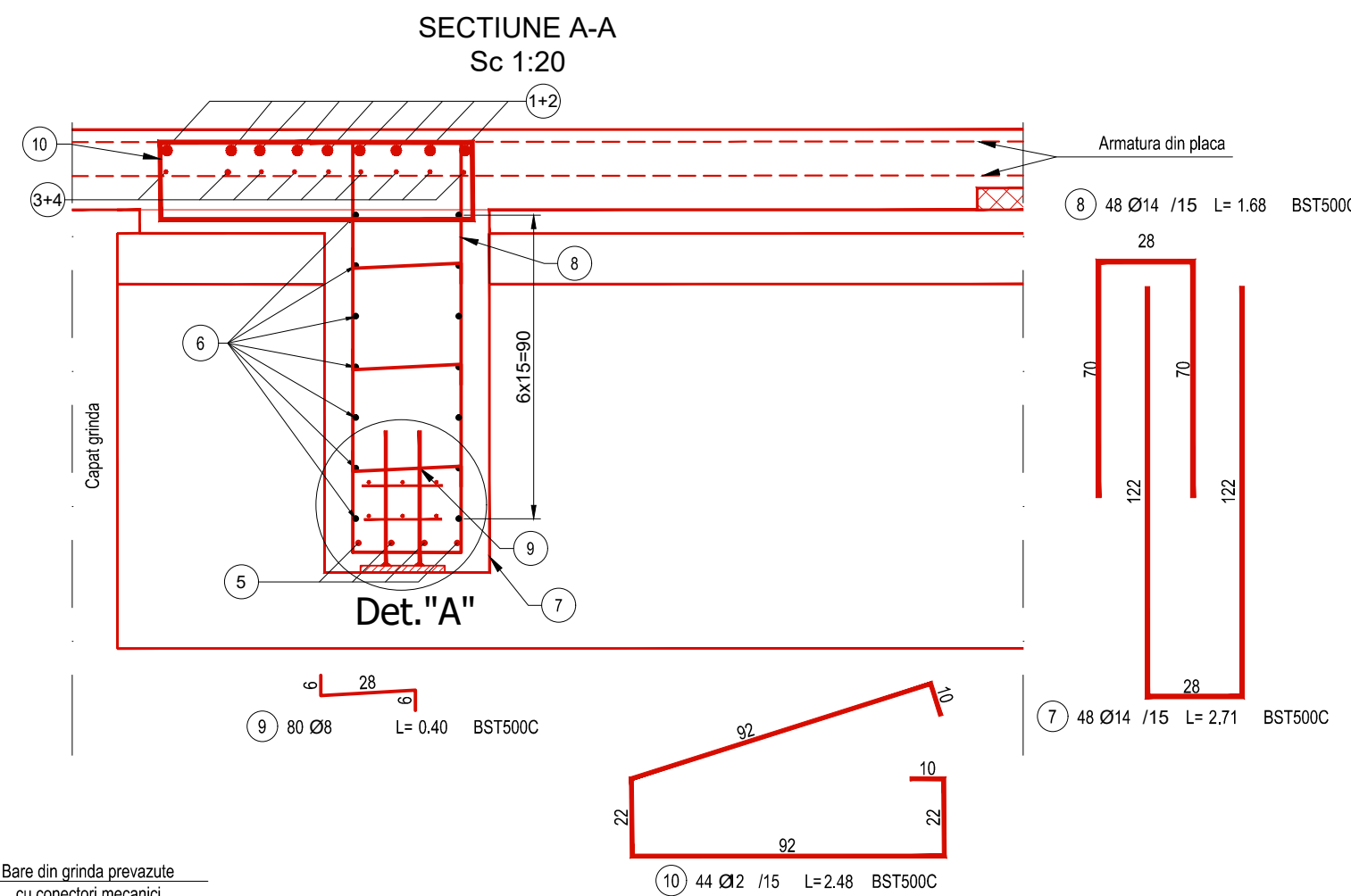
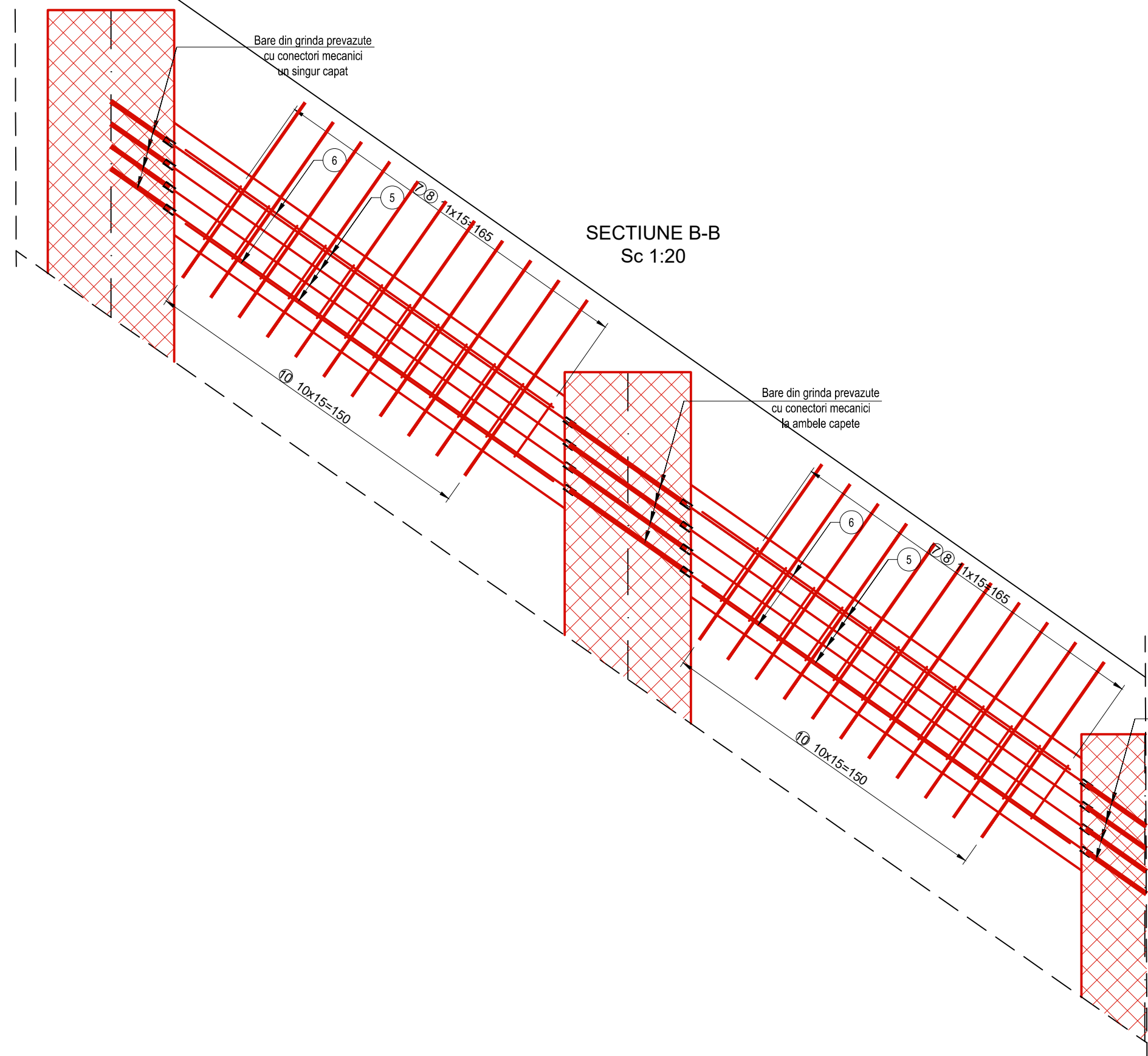
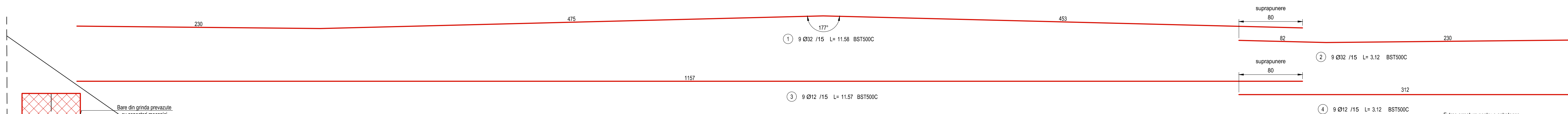
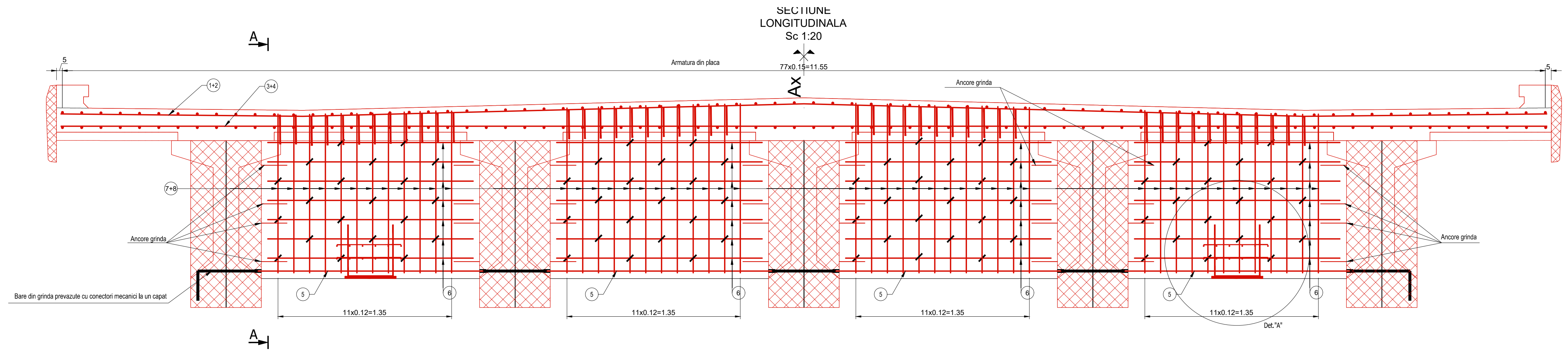
DENUMIRE PROIECT
PROIECTARE SI EXECUTIE
"VARIANTA DE OCOLIRE
TIMISOARA SUD"
ELABORARE PROIECT TEHNIC
REST DE EXECUTAT
NUMAR CONTRACT: 550/36/09.02.2023
NUMAR PROIECT : 556

FAZA PROIECT
PROIECT TEHNIC
REST DE EXECUTAT
Data : 03.2023
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ing. Raul Cocis
Inginer Proiectant Poduri
ing. Attila Takacs
Inginer Proiectant
ing. Tudor Hoda

REVIZII		
NR. REV.	DATA	SEMN.

DENUMIRE PLANSA
PASAJ KM 7+156 PESTE CF 124
TIMISOARA NORD-VOITENI
PLAN ARMARE CUZINETI
Scara : 1:50 1:20 1:2
NUMAR PLANSA
10036-VOTM-STR05-Ai-08



NOTA:

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

CERINTE DE CALITATE
ANTRETOAZA

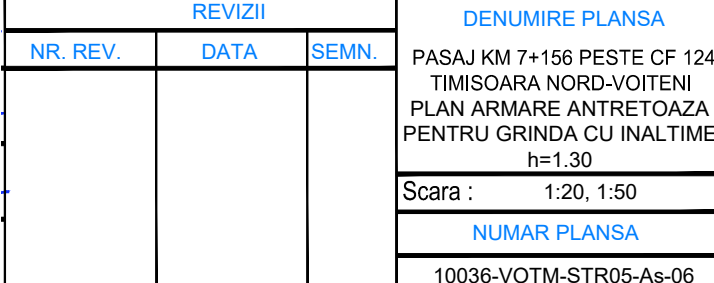
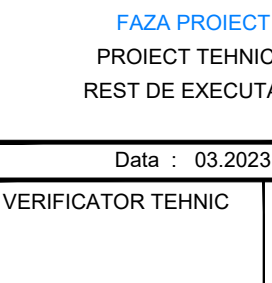
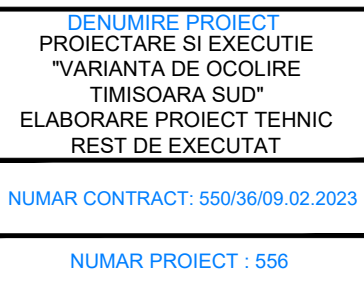
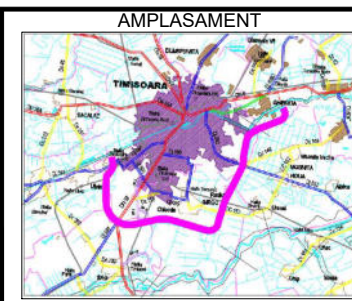
Beton: C35/45
Otel: BST500C
Clasa de expunere: XC3, XF2
Valoare max. A/C: 0.55°
Dozaj min. ciment: 340 Kg/m³

MARCA	DIAMETRU	NR BUCATI	LUNGIMI [m]					
			/diamentru					
			BST500C					
			Ø8	Ø10	Ø12	Ø14	Ø20	Ø32
1	32	9	11.58					104.22
2	32	9	3.12					28.08
3	12	9	11.57		104.13			
4	12	9	3.12		28.08			
5	20	32	1.57				50.24	
6	12	58	1.95		109.20			
7	14	48	2.71				130.08	
8	14	48	1.68				80.64	
9	8	80	0.40	32.00				
10	12	44	2.48		109.12			
100	10	4	1.88	7.52				
101	10	4	1.70	6.80				
102	14	4	1.15			4.60		
LUNGIMI TOTALE[m]			32.00	14.32	350.53	215.32	50.24	132.30
Masa /metru			0.395	0.617	0.889	1.210	2.469	6.321
Masa /diamentru			12.64	8.84	311.60	260.53	124.06	836.32
Masa totala					1553.99			

MASURATOAREA MATERIALULUI METALIC PLACUTA RIDICARE					
NR.CRT.	POZITIE	DIMENSIUNI	TIP OTEL	LUNGIME PIESA	MASA(kg)
				Nr. Piese	Kg/bucata TOTALPiesa
1	P1	20x250x400	OL37-4K	0.400 32	15.7200 503.0400
TOTAL MATERIAL METALIC					503.0400

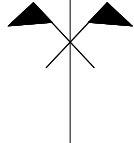
TABEL SUDURI PLACUTA RIDICARE					
Piese imbricate	Tipul sudurii	Simbolul sudurii	Nr. suduri asemenea	Lungime suduri (m)	Lungimi totale suduri (m)
S1	Marca 102 cu placuta P1	Sudura de colt pe ambele parti	96	0.350	33.600
TOTAL LUNGIME (m)					33.600

greutate / antretoaza	numarul de antretoaze asemenea/structura	total kg/antretoaze /structura
1553.9900	12	18647.8800



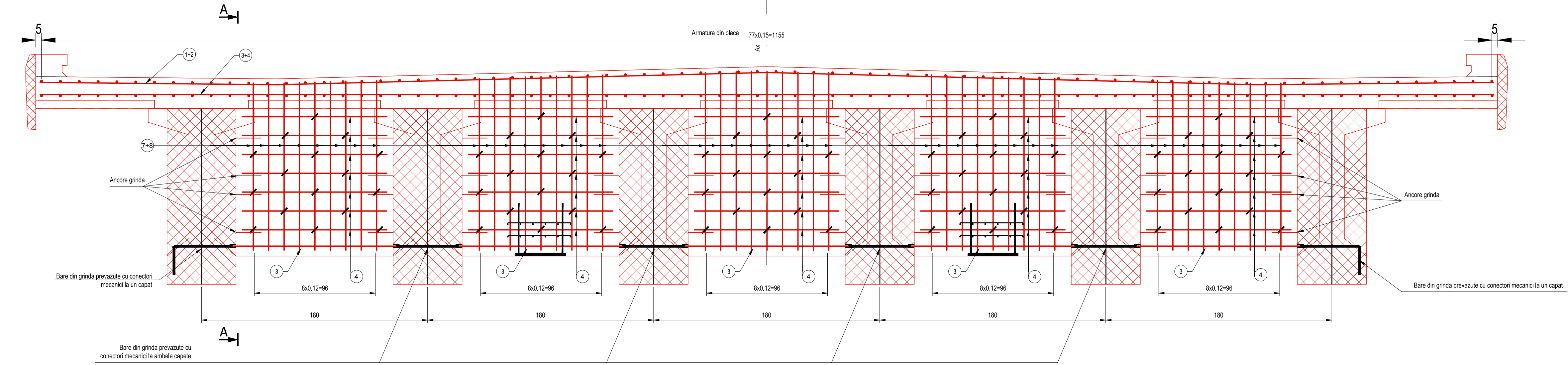
SECTIUNE
LONGITUDINALA

Sc 1:20



Armatura din placa 77x0.15=1155

z



① 9 Ø32 /15 L= 11.58 BST500C

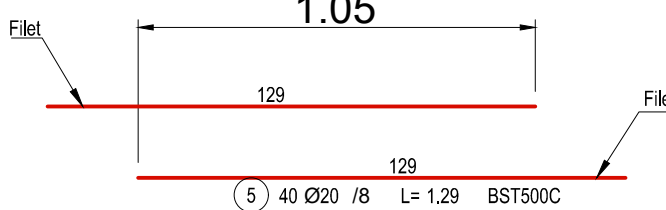
② 9 Ø32 /15 L= 3.12 BST500C

③ 9 Ø12 /15 L= 11.57 BST500C

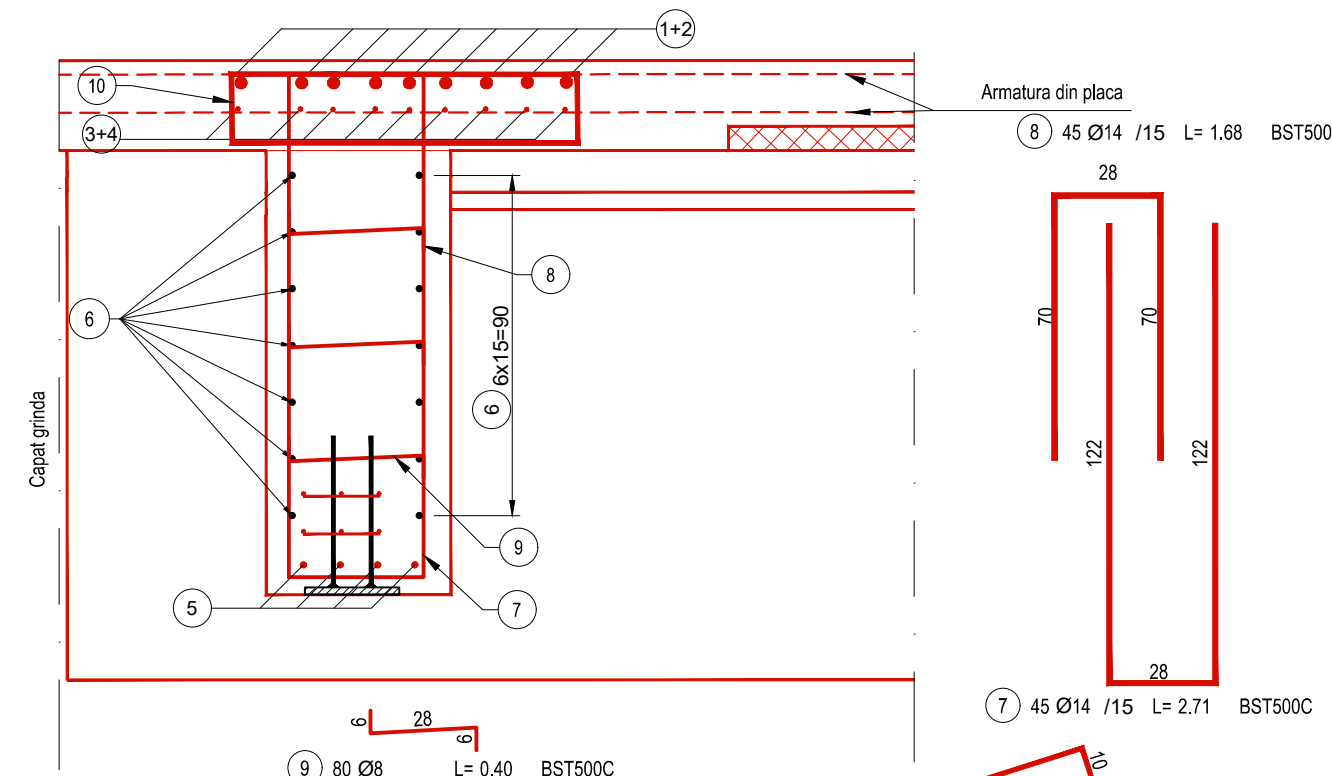
④ 9 Ø12 /15 L= 3.12 BST500C

⑥ 70 Ø12 /15 L= 1.40 BST500C

suprapunere
1.05



SECTIUNE A-A
Sc 1:20

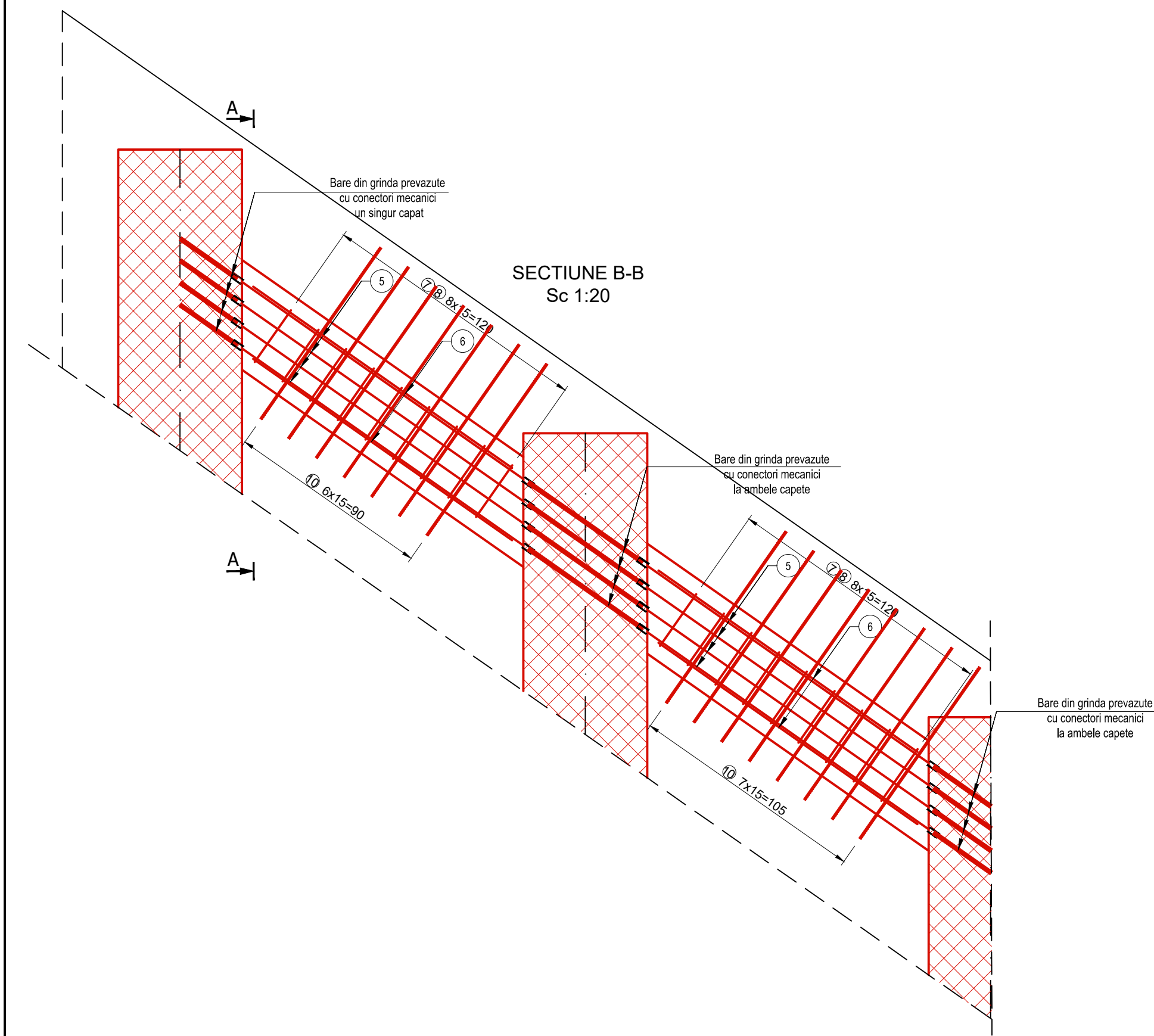


⑨ 80 Ø8 L= 0.40 BST500C

⑦ 45 Ø14 /15 L= 2.71 BST500C

⑩ 39 Ø12 /15 L= 2.40 BST500C

SECTIUNE B-B
Sc 1:20

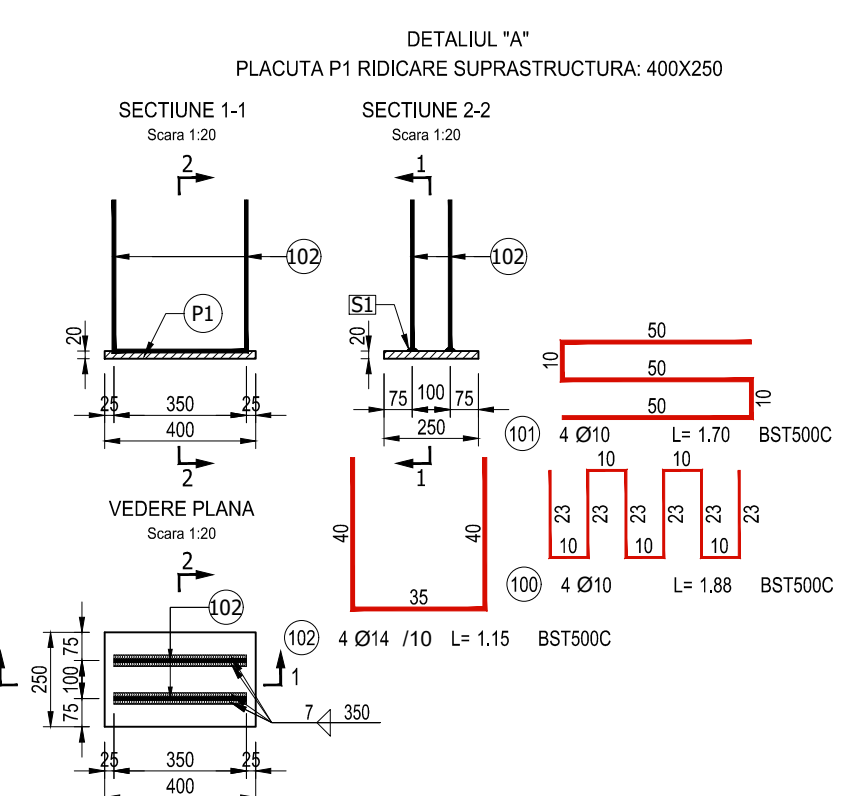


Lungimea (m)		Masa (kg)	
Ø	L	Ø	L
1	20	1	20
2	20	2	20
3	20	3	20
4	20	4	20
5	20	5	20
6	20	6	20
7	20	7	20
8	20	8	20
9	20	9	20
10	20	10	20

greutate / antretoaza	numarul de antretoaze asemenea/structura	total kg/antretoaze /structura
1517.6600	2	3035.3200

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
ne potrivire, eroare sau neclaritate pentru a face corectile sau
clarificarile necesare.

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



NR.CRT.	POZITIE	DIMENSIUNI	TIP OTEL	LUNGIME PRESA	NR. PIESE	MASA(kg)
1	P1	20x250x400	Ø12-4K	0.403	4	15.7200
TOTAL MATERIAL METALIC						62.8800

Piese imbricate	Tipul sudurii	Simbolul sudurii	Nr. suduri asemenea	Lungime suduri (m)	Lungimi totale sudurii (m)	Observatii
S1	Marcă 102 cu placuta P1	Sudura de colt pe ambele parti	16	0.350	5.600	SR EN ISO 9602-1:2004
TOTAL LUNGIME (m)					5.6000	



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. Silviu Moldovan
Sef Echipa Proiectare
ing. Raul Cocis
Inginer Proiectant Poduri
ing. Attila Takacs
Inginer Proiectant
ing. Tudor Hoda

REVIZII			DENUMIRE PLANSĂ
NR. REV.	DATA	SEMN.	
			PASAJ KM 7+156 PESTE CF 124 TIMISOARA NORD-VOITENI PLAN ARMARE ANTRETOAZA PENTRU GRINDA CU INALTIMEA h=1.40
			Scara : 1:20, 1:50
			NUMAR PLANSĂ
			10036-VOTM-STR05-As-07

