

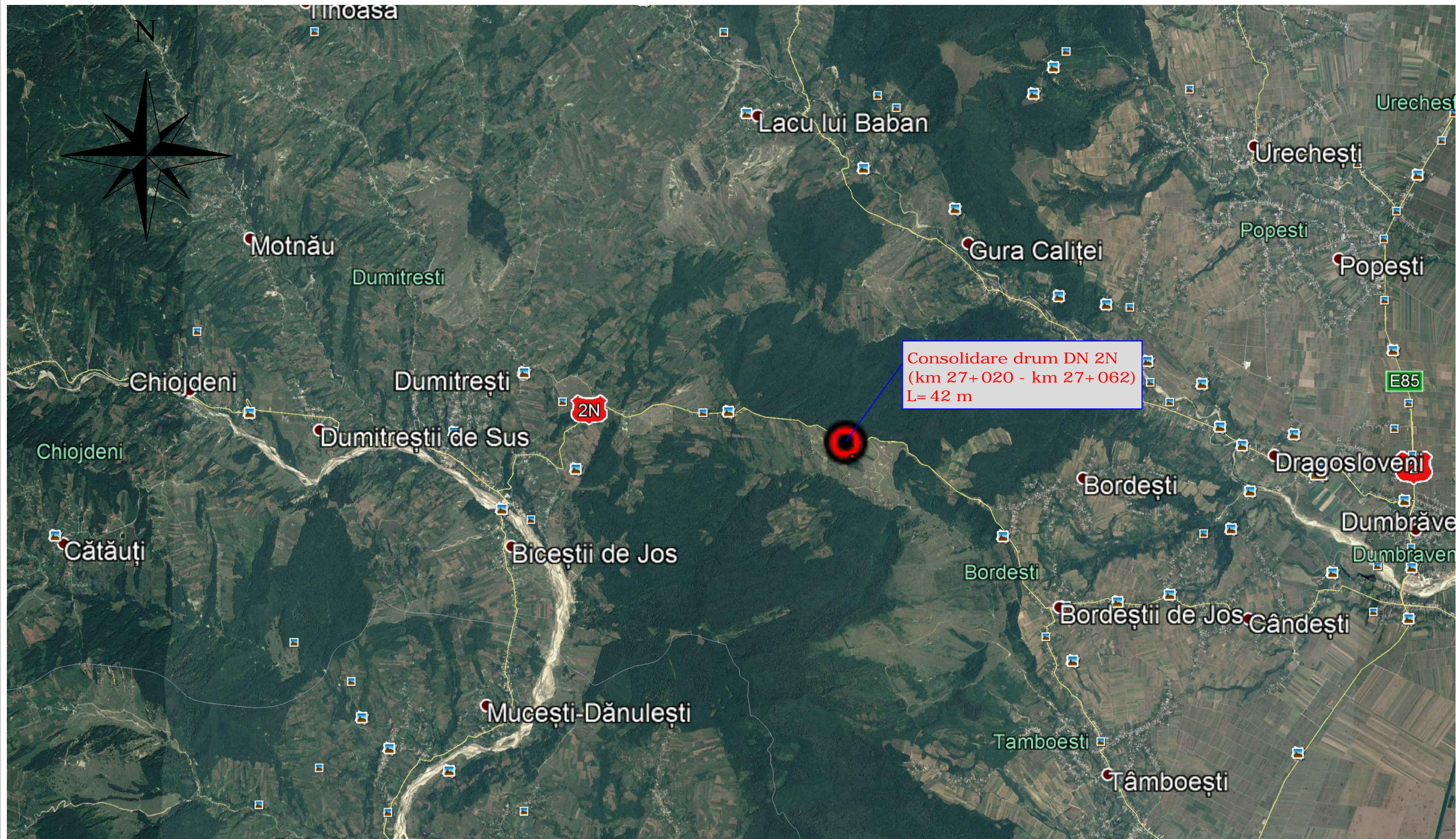
B. PARTI DESENATE





C. DETALII DE EXECUTIE

CONTINUT

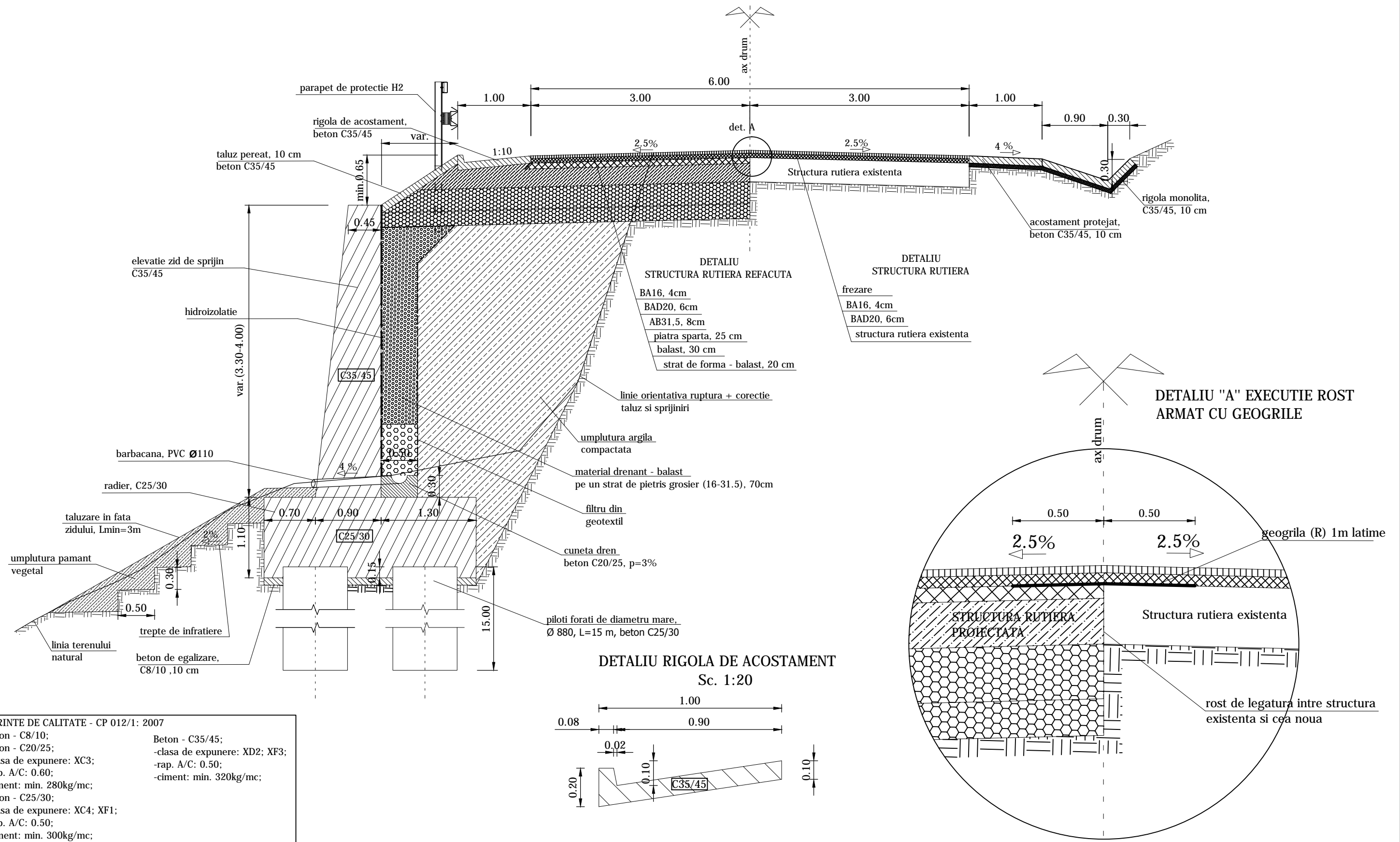
Descriere	Plansa	Scara
Plan de amplasare in zona	01_PA-01	1:5000
Plan de situatie	01_PS-01	1:250
Profil transversal tip	01_PTT-01	1:50
Profil longitudinal zid de sprijin	01_PL-01	1:100/1:300
Profile transversale	01_PT-01...01_PT-02	1:100
Plan cofraj zid de sprijin	01_PCZ-01...01_PCZ-02	1:50
Plan armare zid de sprijin	01_PAZ-01...01_PCZ-03	1:50
Plan cofraj si plan armare piloti - Ø880mm	01_PCA-01...01_PCA-02	1:10, 1:20
Coordonate de trasare radier si piloti	01_COO-01	1:200

PLAN DE AMPLASARE IN ZONA



<p>Proiectant / Designer</p> <p>ROYAL CDV G2 </p> <p>Suceava, Str. Eroilor, Nr.45F, Romania</p>	<p>Beneficiar / Beneficiary</p> <p>C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi</p>	<p>Verificator / Checker</p> <p>Sef proiect / Design Team Leader ing. Franciuc Vasile </p> <p>Proiectat / Designer ing. Franciuc Vasile </p> <p>Proiectat / Designer ing. Alexandru Ionut </p> <p>Proiect numar / Project number 21 - 2018 Data / Date 2018</p>	<p>Faza / Phase</p> <p>PTE</p> <p>Scara / Scale</p> <p>1:5000</p>	<p>Titlu proiect / Project name</p> <p>Eliminarea efectelor inundatiilor pe DN 2N km 27+030 - km 27+060</p> <p>Titlu plansa / Drawing name</p> <p>Plan de amplasare in zona</p>	<p>Revizia / Revision</p> <p>00</p> <p>Format / Size</p> <p>A3</p> <p>Plansa nr./Dw. no.</p> <p>01_PA-01</p>
---	---	--	---	---	--

PROFIL TRANSVERSAL TIP



Proiectant / Designer

ROYAL CDV G2

Suceava, Str. Eroilor, Nr.45F, Romania

Beneficiar / Beneficiary

C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi

Verificator / Checker

Sef proiect / Design Team Leader ing. Franciuc Vasile

Proiectat / Designer ing. Franciuc Vasile

Proiectat / Designer ing. Alexandru Ionut

Proiect numar / Project number 21 - 2018

Data / Date 2018

Faza / Phase

PTE

Scara / Scale

1:50

1:20

Titlu proiect / Project name

Eliminarea efectelor inundatiilor pe DN 2N
km 27+030 - km 27+060

Titlu plansa / Drawing name

Profil transversal tip

Revizia / Revision

00

Format / Size

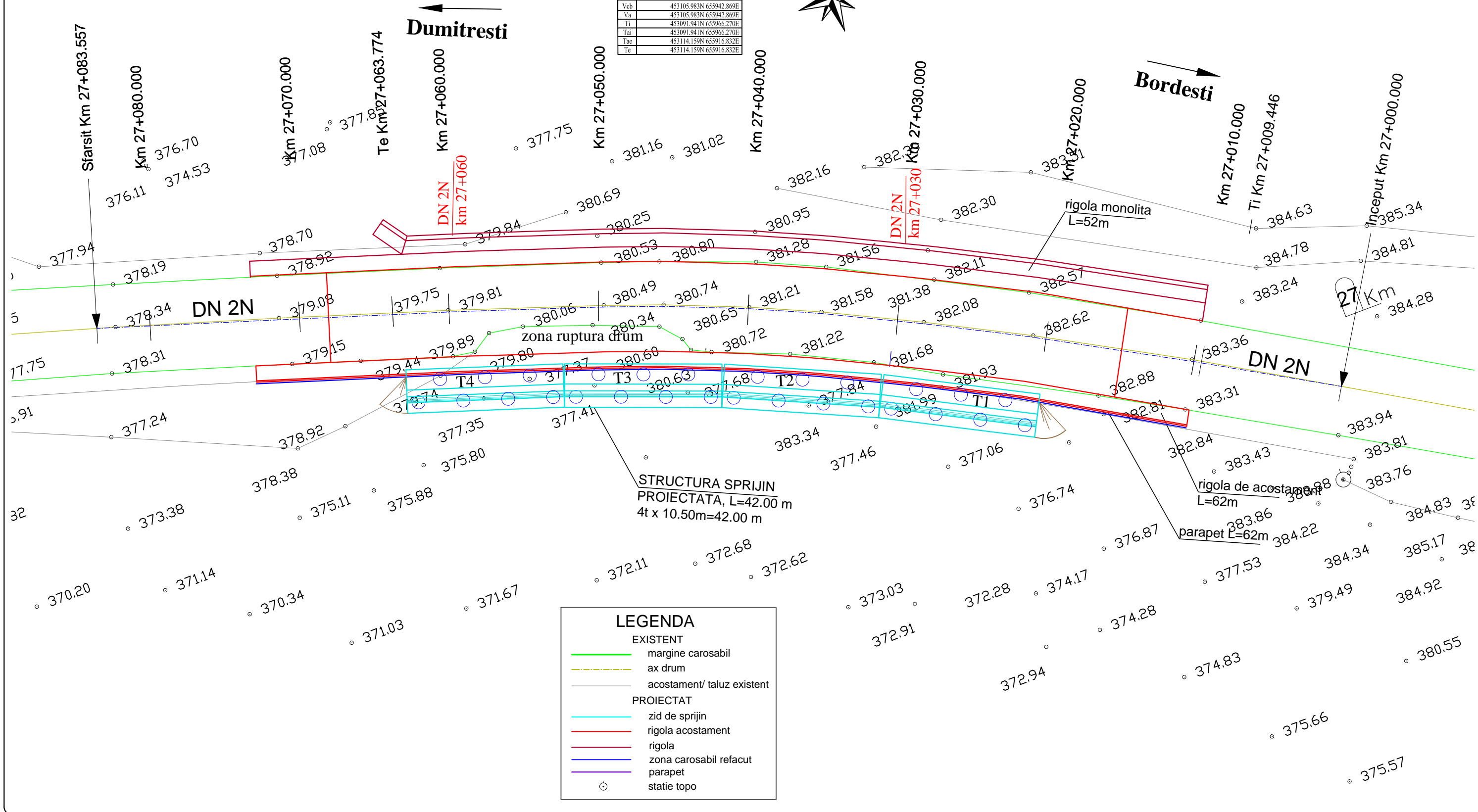
A3

Plansa nr./Dw. no.

01_PTT-01

PLAN DE SITUATIE

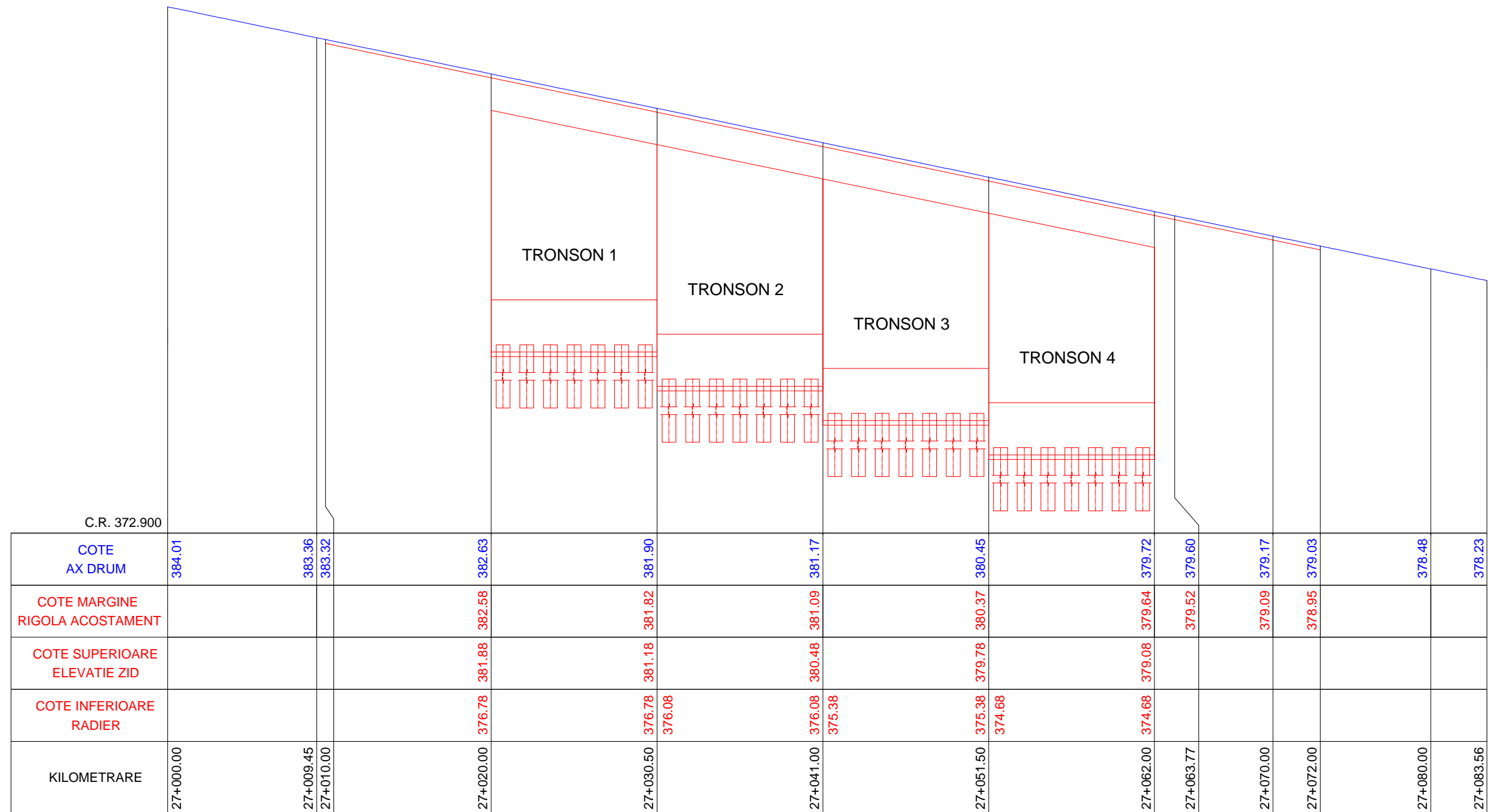
v[km/h]	30	L[m]	0.000
U	184.9627g	L[m]	0.000
R[m]	230.000	C[m]	54.327
Tl[m]	27.291	B[m]	1.613
Tel[m]	27.291	Tal[m]	27.291
il[%]	0.000	l	0.000
lesl[m]	0.000	s[m]	e
Coordonate			
Vcb	453105.983N 655942.869E		
Va	453105.983N 655942.869E		
Ti	453091.941N 655966.270E		
Tai	453091.941N 655966.270E		
Tae	453114.159N 655916.832E		
Te	453114.159N 655916.832E		



LEGENDA	
EXISTENT	
	margine carosabil
	ax drum
	acostament/ taluz existent
PROIECTAT	
	zid de sprijin
	rigola acostament
	rigola
	zona carosabil refacut
	parapet
	statie topo

Proiectant / Designer ROYAL CDV G2 Suceava, Str. Eroilor, Nr.45F, Romania	Beneficiar / Beneficiary C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi	Verificator / Checker Sef proiect / Design Team Leader ing. Franciuc Vasile Proiectat / Designer ing. Franciuc Vasile Proiectat / Designer ing. Alexandru Ionut	Faza / Phase PTE Scara / Scale 1:250	Titlu proiect / Project name Eliminarea efectelor inundatiilor pe DN 2N km 27+030 - km 27+060 Titlu plansa / Drawing name Plan de situatie	Revizia / Revision 00
					Format / Size A3
Proiect numar / Project number 21 - 2018		Data / Date 2018		Plansa nr./Dw. no. 01_PS-01	

PROFIL LONGITUDINAL ZID DE SPRIJIN




Proiectant / Designer

ROYAL CDV G2 
Suceava, Str. Eroilor, Nr.45F, Romania

Beneficiar / Beneficiary

C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi

Verificator / Checker

Sef proiect / Design Team Leader ing. Franciuc Vasile 

Proiectat / Designer ing. Franciuc Vasile 

Proiectat / Designer ing. Alexandru Ionut 

Proiect numar / Project number 21 - 2018

Data / Date 2018

Faza / Phase

PTE

Scara / Scale

1:300

1:100

Titlu proiect / Project name

Eliminarea efectelor inundatiilor pe DN 2N
km 27+030 - km 27+060

Titlu plansa / Drawing name

Profil longitudinal zid de sprijin

Revizia / Revision

00

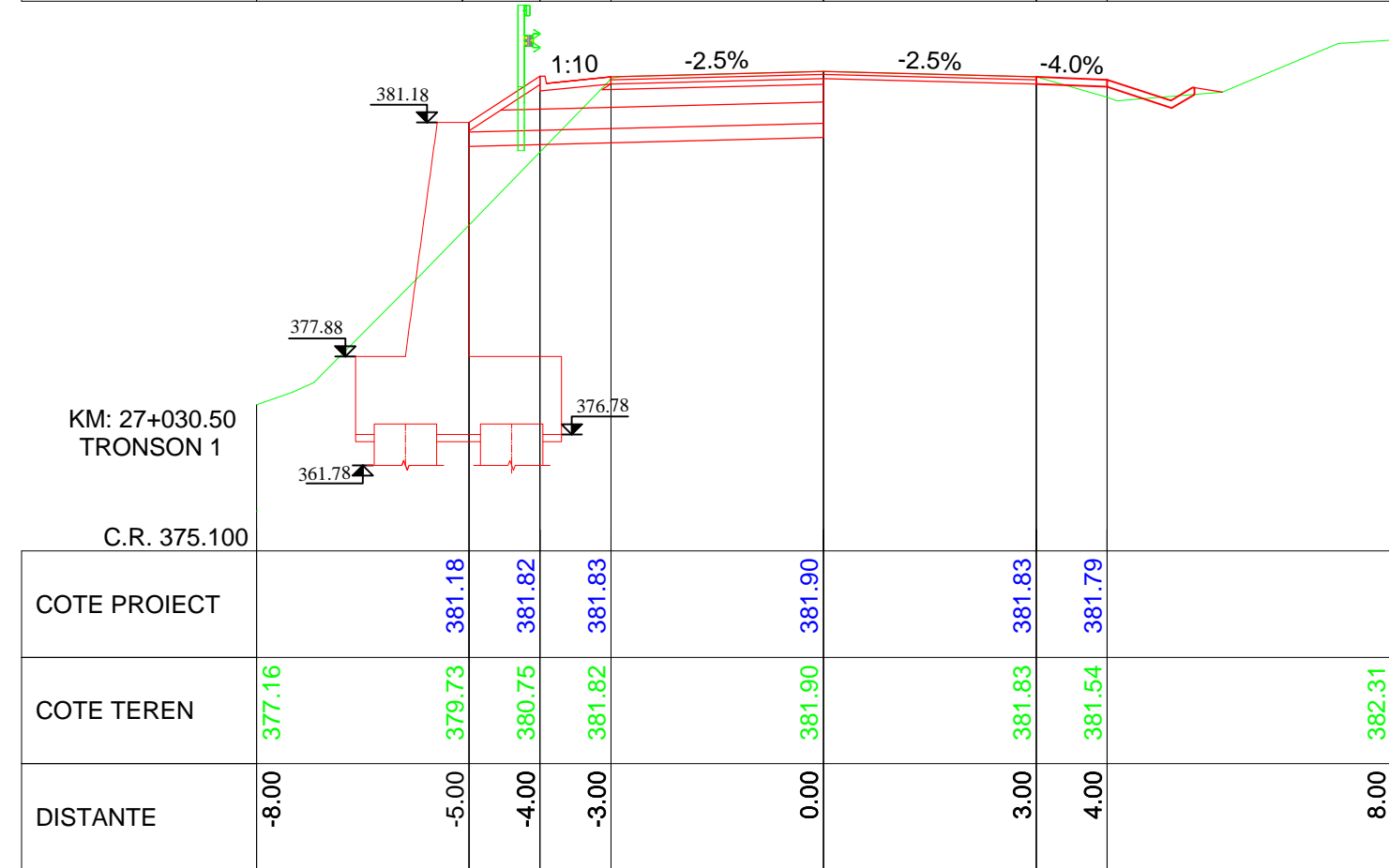
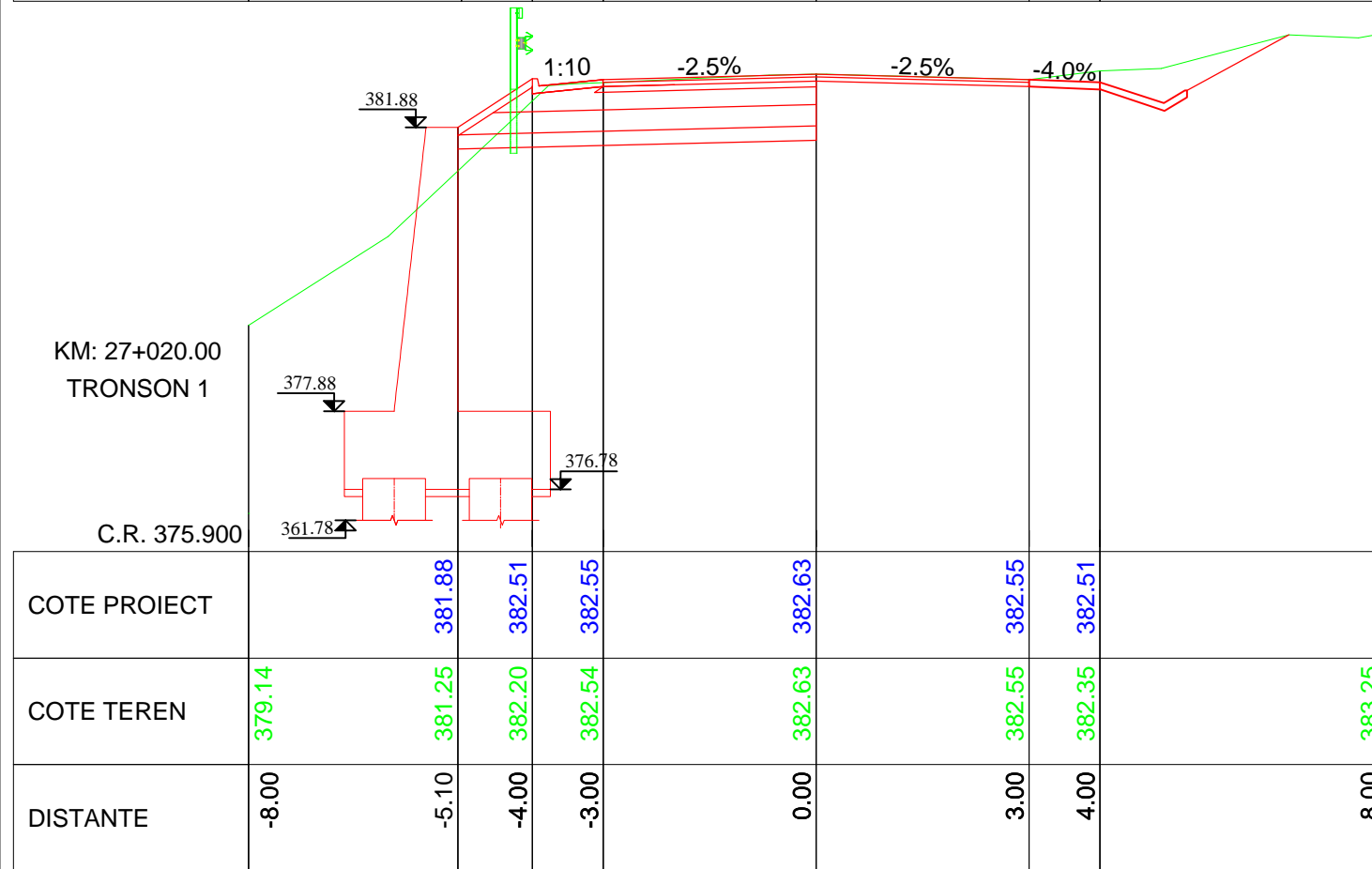
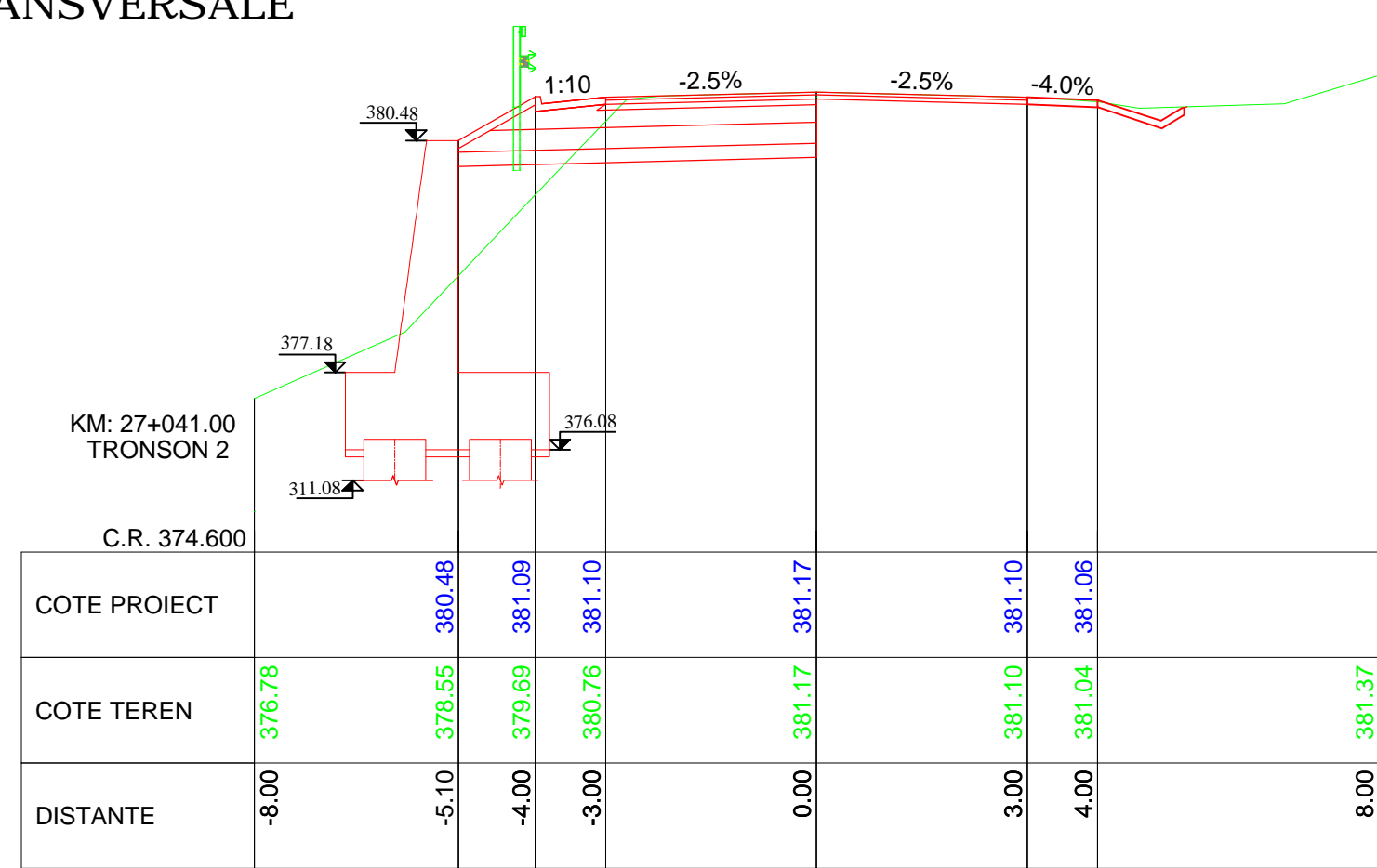
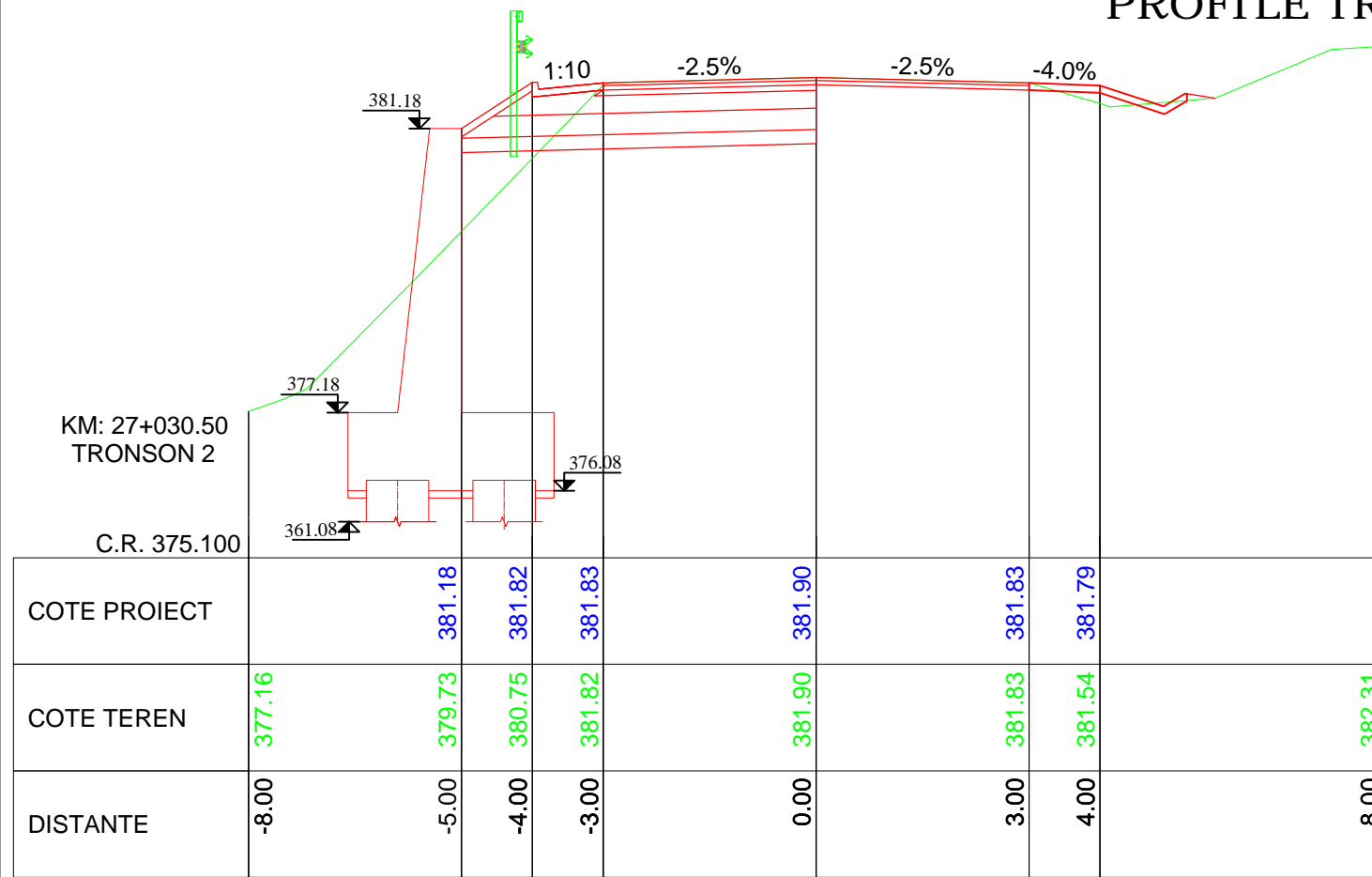
Format / Size

A3

Plansa nr./Dw. no.

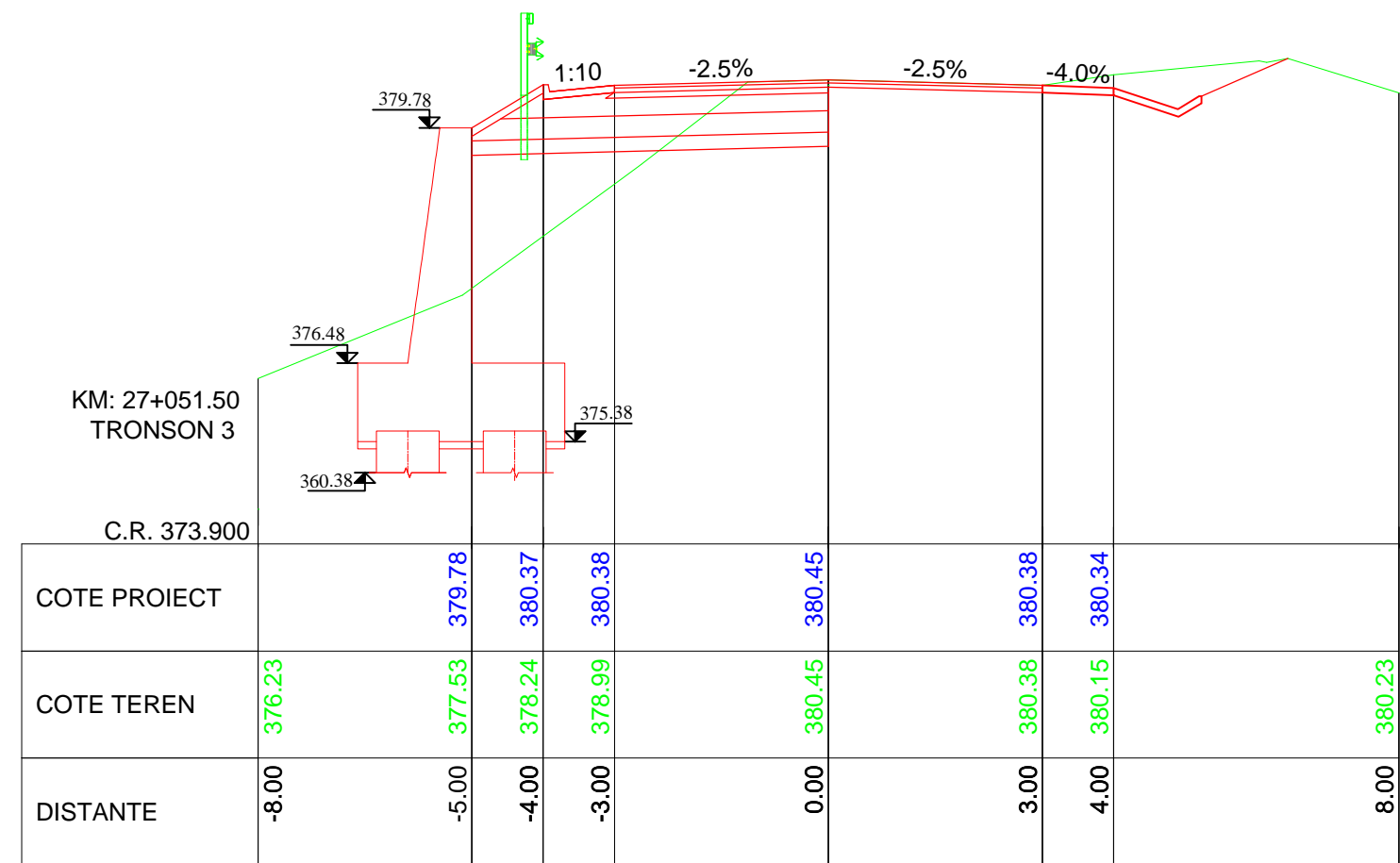
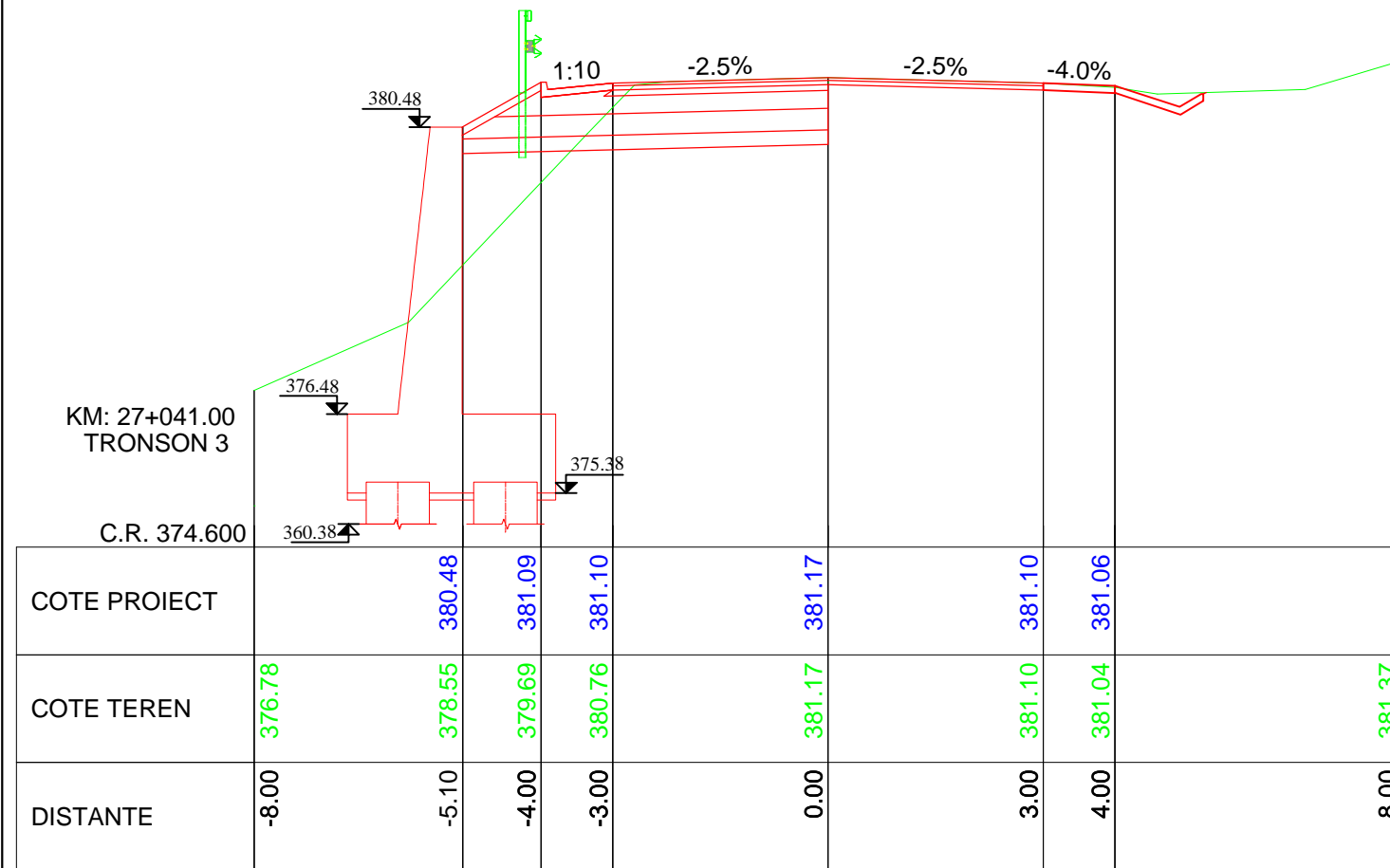
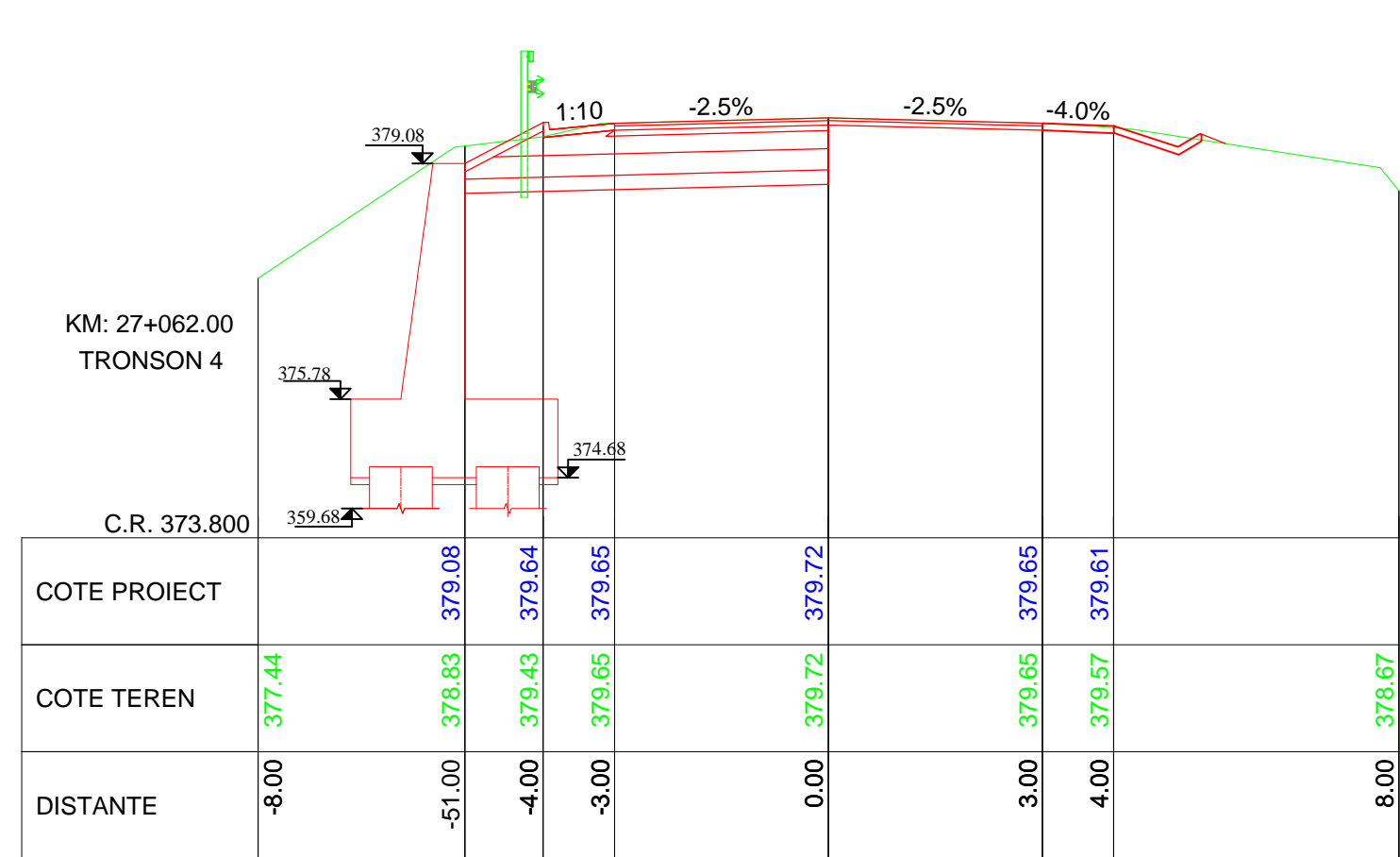
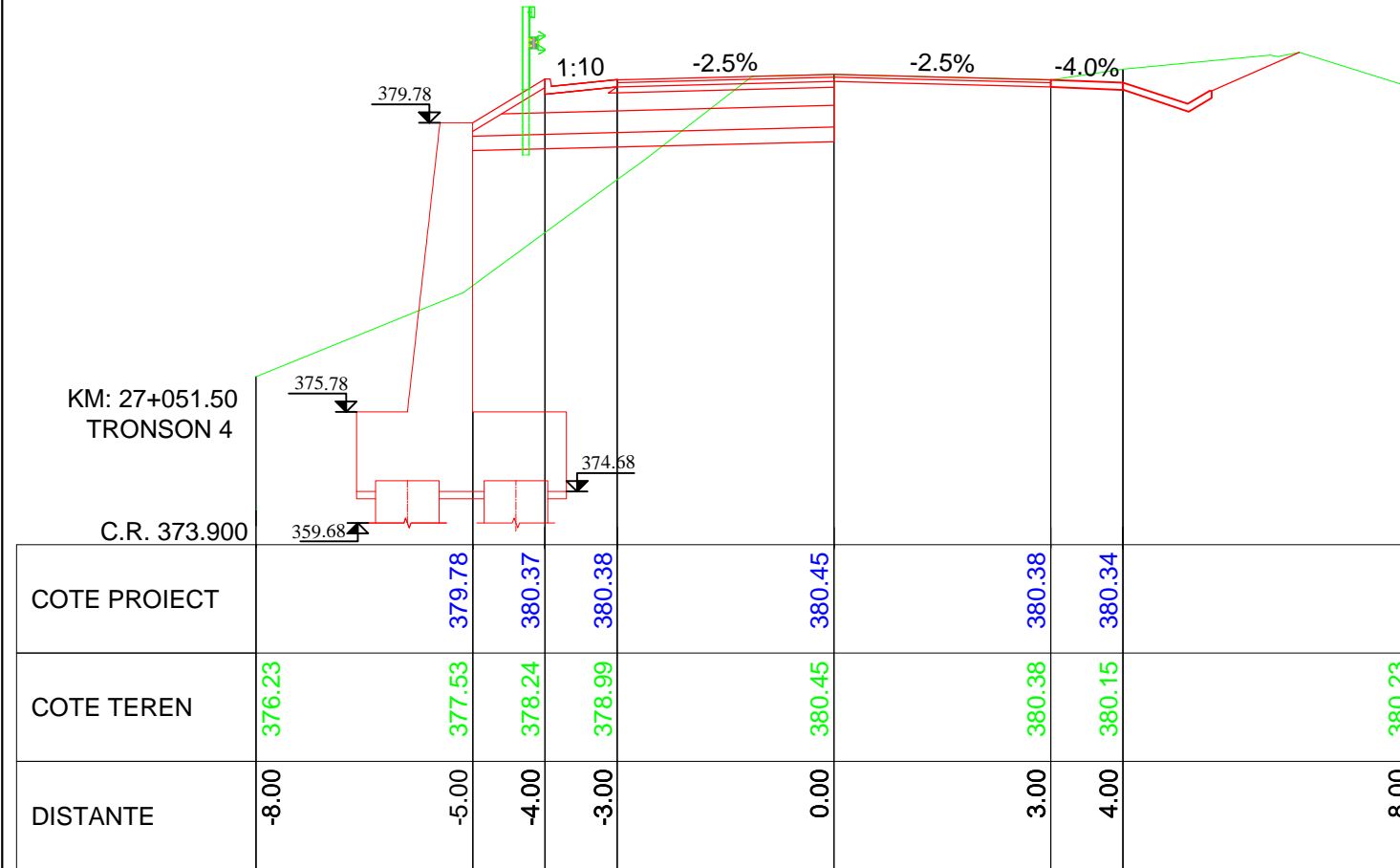
01_PL-01

PROFILE TRANSVERSALE



Proiectant / Designer Suceava, Str. Eroilor, Nr.45F, Romania	Beneficiar / Beneficiary C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi	Verificator / Checker Sef proiect / Design Team Leader ing. Franciuc Vasile Proiectat / Designer ing. Franciuc Vasile Proiectat / Designer ing. Alexandru Ionut Proiect numar / Project number 21 - 2018 Data / Date 2018	Faza / Phase PTE Scara / Scale 1:100	Titlu proiect / Project name Eliminarea efectelor inundatiilor pe DN 2N km 27+030 - km 27+060 Titlu plansa / Drawing name Profile transversale	Revizia / Revision 00 Format / Size A3 Plansa nr./Dw. no. 01_PT-01
---	--	--	---	--	---

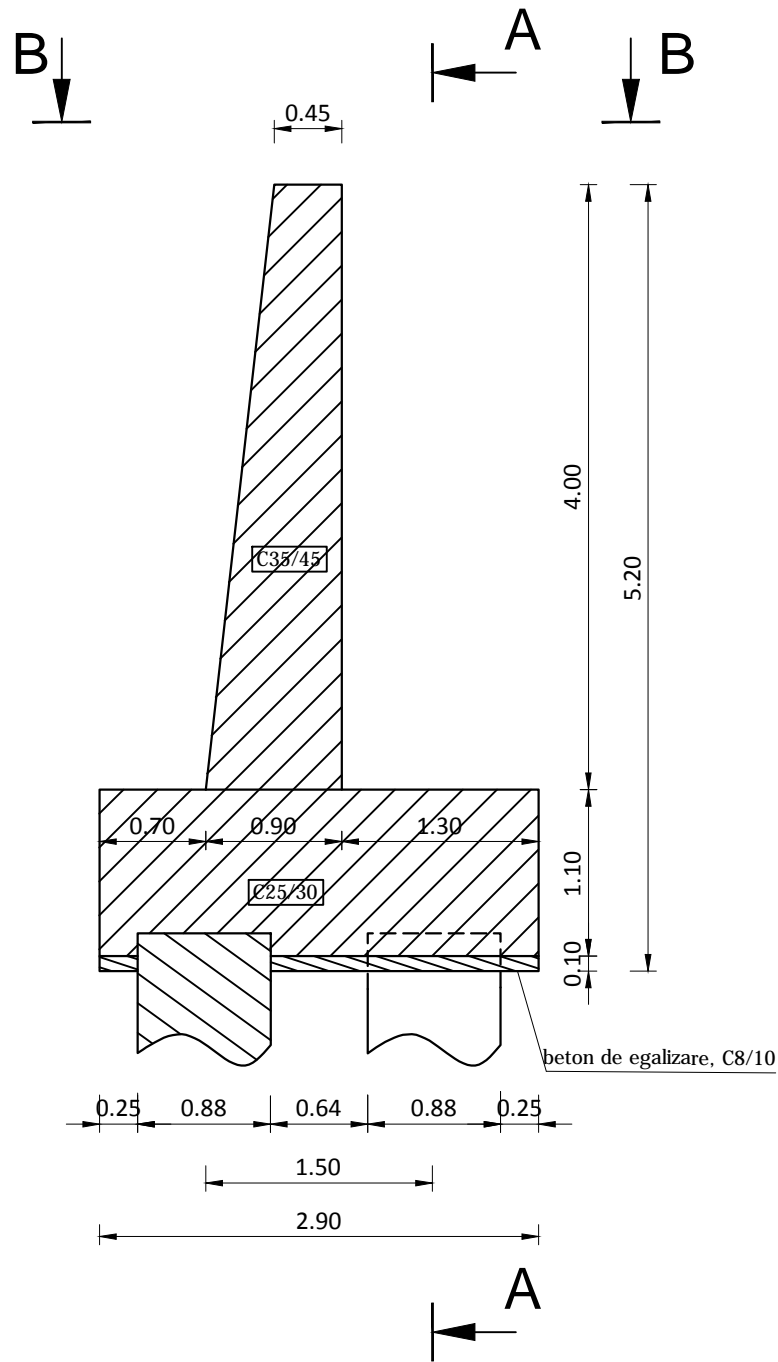
PROFILE TRANSVERSALE



Proiectant / Designer ROYAL CDV G2 Suceava, Str. Eroilor, Nr.45F, Romania	Beneficiar / Beneficiary C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi	Verificator / Checker Sef proiect / Design Team Leader ing. Franciuc Vasile Proiectat / Designer ing. Franciuc Vasile Proiectat / Designer ing. Alexandru Ionut Proiect numar / Project number 21 - 2018 Data / Date 2018	Faza / Phase PTE Scara / Scale 1:100	Titlu proiect / Project name Eliminarea efectelor inundatiilor pe DN 2N km 27+030 - km 27+060 Titlu plansa / Drawing name Profile transversale	Revizia / Revision 00 Format / Size A3 Plansa nr./Dw. no. 01_PT-02
---	--	--	---	--	---

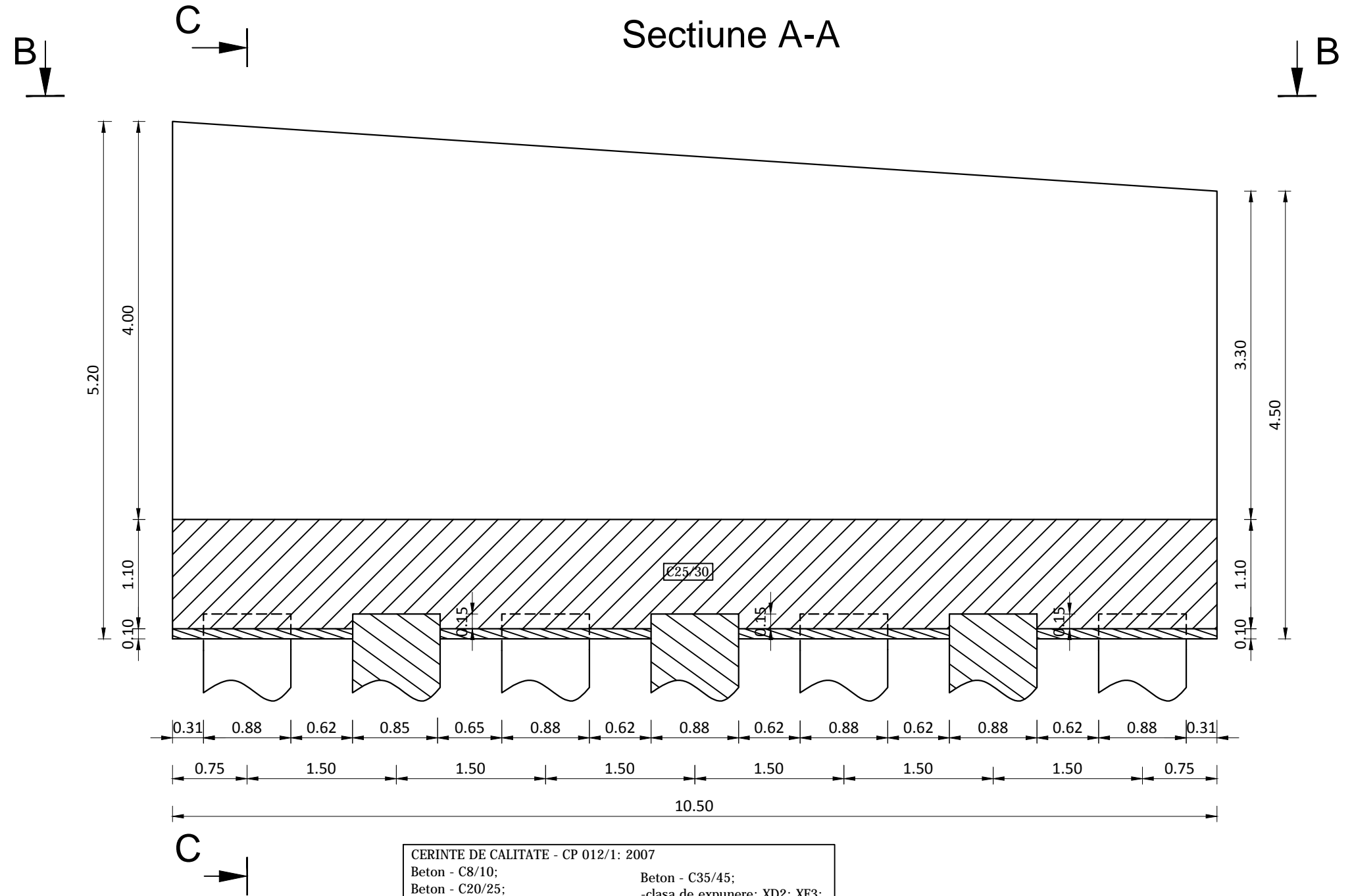
PLAN COFRAJ ZID DE SPRIJIN

Sectiune C-C



NOTA1: Plansa se va citi impreuna cu plansa 01_PCZ-02
 NOTA2: Elemente asemenea - 4 buc.

Sectiune A-A



CERINTE DE CALITATE - CP 012/1: 2007

Beton - C8/10;	Beton - C35/45;
Beton - C20/25;	-clasa de expunere: XD2; XF3;
-clasa de expunere: XC3;	-rap. A/C: 0.50;
-rap. A/C: 0.60;	-ciment: min. 320kg/mc;
-ciment: min. 280kg/mc;	
Beton - C25/30;	
-clasa de expunere: XC4; XF1;	
-rap. A/C: 0.50;	
-ciment: min. 300kg/mc;	


Proiectant / Designer

ROYAL CDV G2 
 Suceava, Str. Eroilor, Nr.45F, Romania

Beneficiar / Beneficiary

C.N.A.I.R. S.A. prin Directia
 Regionala de Drumuri si
 Poduri - D.R.D.P. Iasi

Verificator / Checker

Sef proiect / Design Team Leader ing. Franciuc Vasile 

Proiectat / Designer ing. Franciuc Vasile 

Proiectat / Designer ing. Alexandru Ionut 

Proiect numar / Project number 21 - 2018

Data / Date 2018

Faza / Phase

PTE

Scara / Scale

1:50

Titlu proiect / Project name

Eliminarea efectelor inundatiilor pe DN 2N
 km 27+030 - km 27+060

Titlu plansa / Drawing name

Plan cofraj zid de sprijin

Revizia / Revision

00

Format / Size

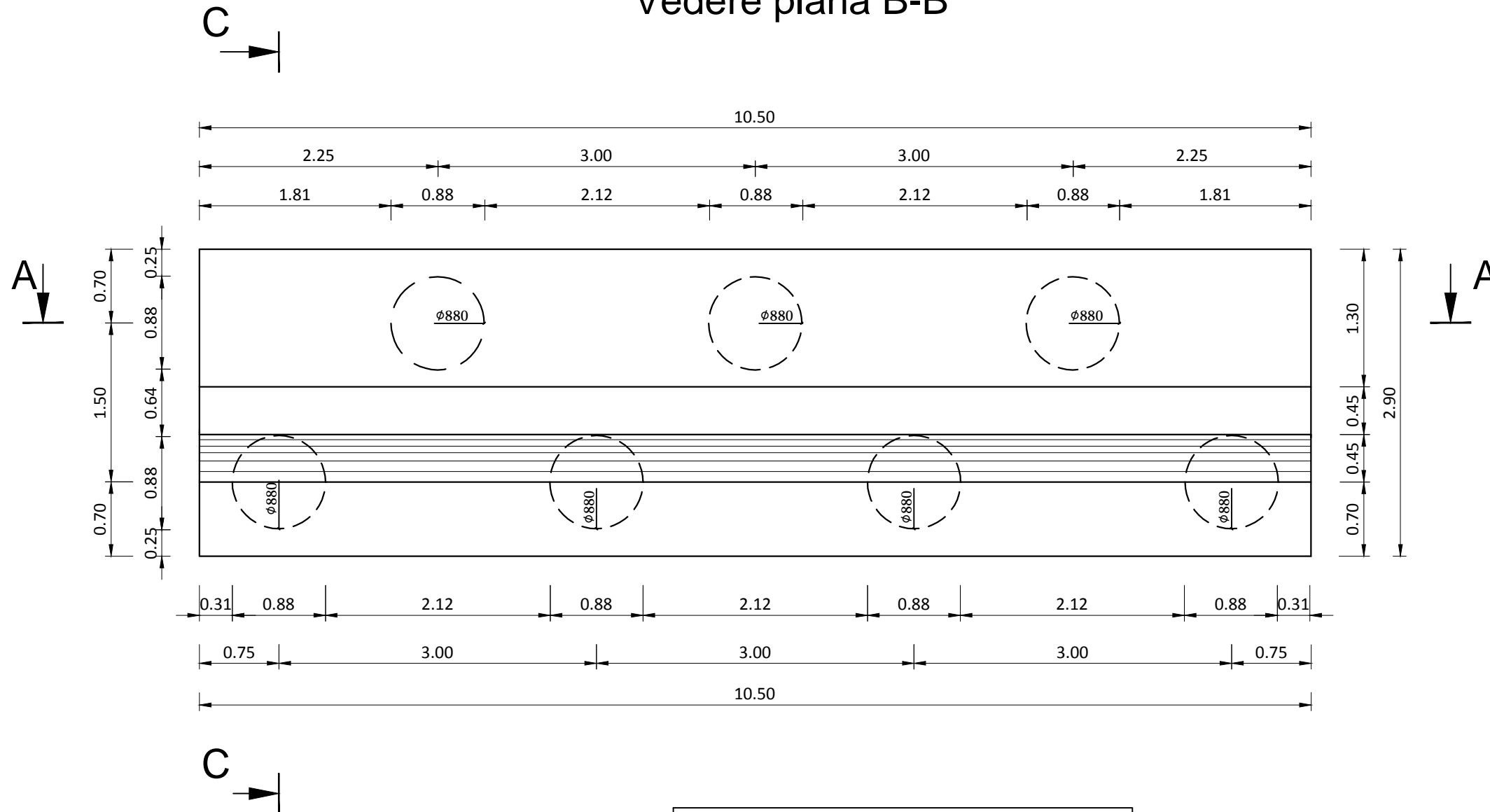
A3

Plansa nr./Dw. no.

01_PCZ-01

PLAN COFRAJ ZID DE SPRIJIN

Vedere plana B-B



CERINTE DE CALITATE - CP 012/1: 2007

Beton - C8/10; Beton - C35/45;
 Beton - C20/25; -clasa de expunere: XD2; XF3;
 -clasa de expunere: XC3; -rap. A/C: 0.50;
 -rap. A/C: 0.60; -ciment: min. 320kg/mc;
 -ciment: min. 280kg/mc;
 Beton - C25/30; Beton - C40/50;
 -clasa de expunere: XC4; XF1; -rap. A/C: 0.50;
 -rap. A/C: 0.60; -ciment: min. 300kg/mc;

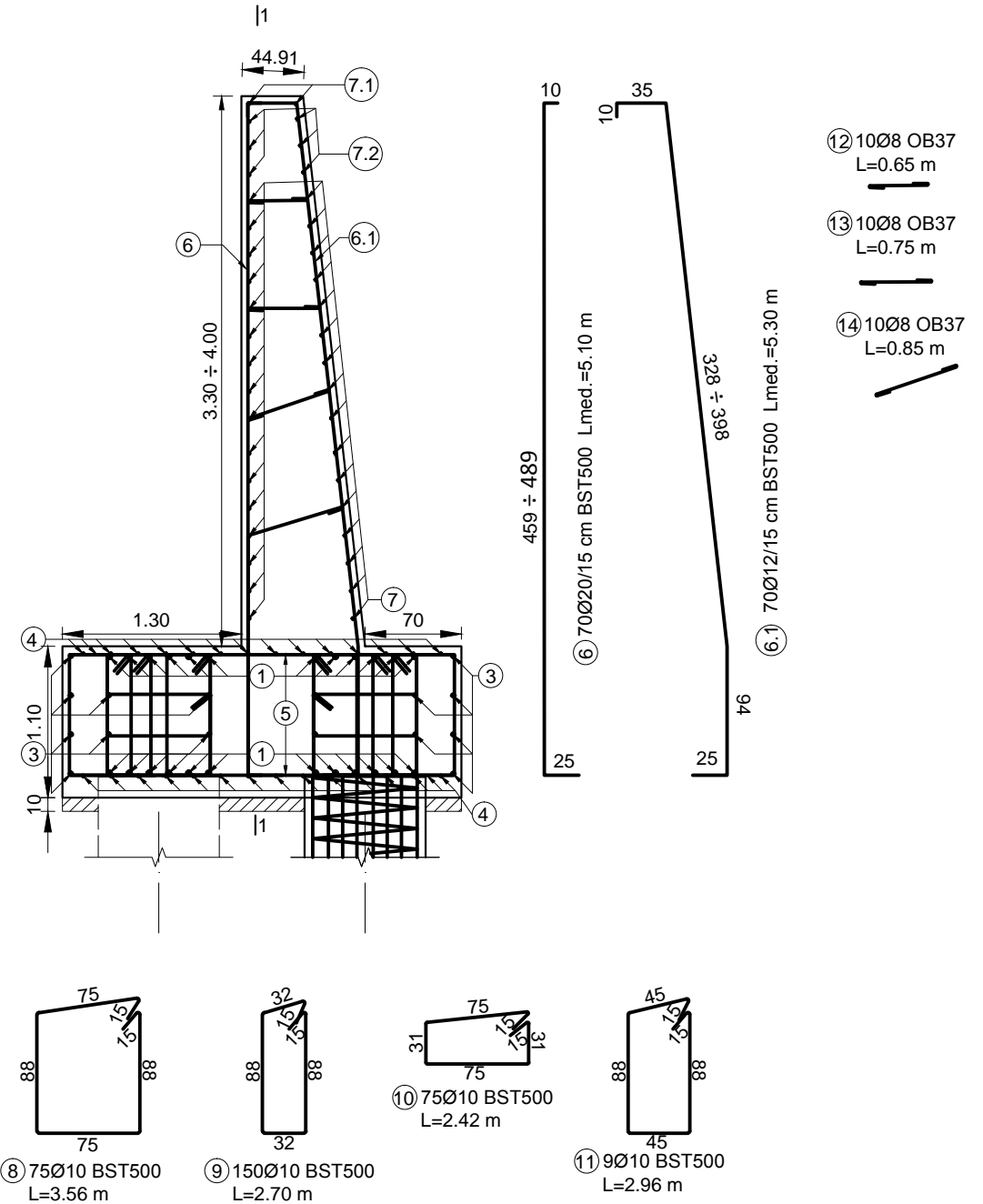
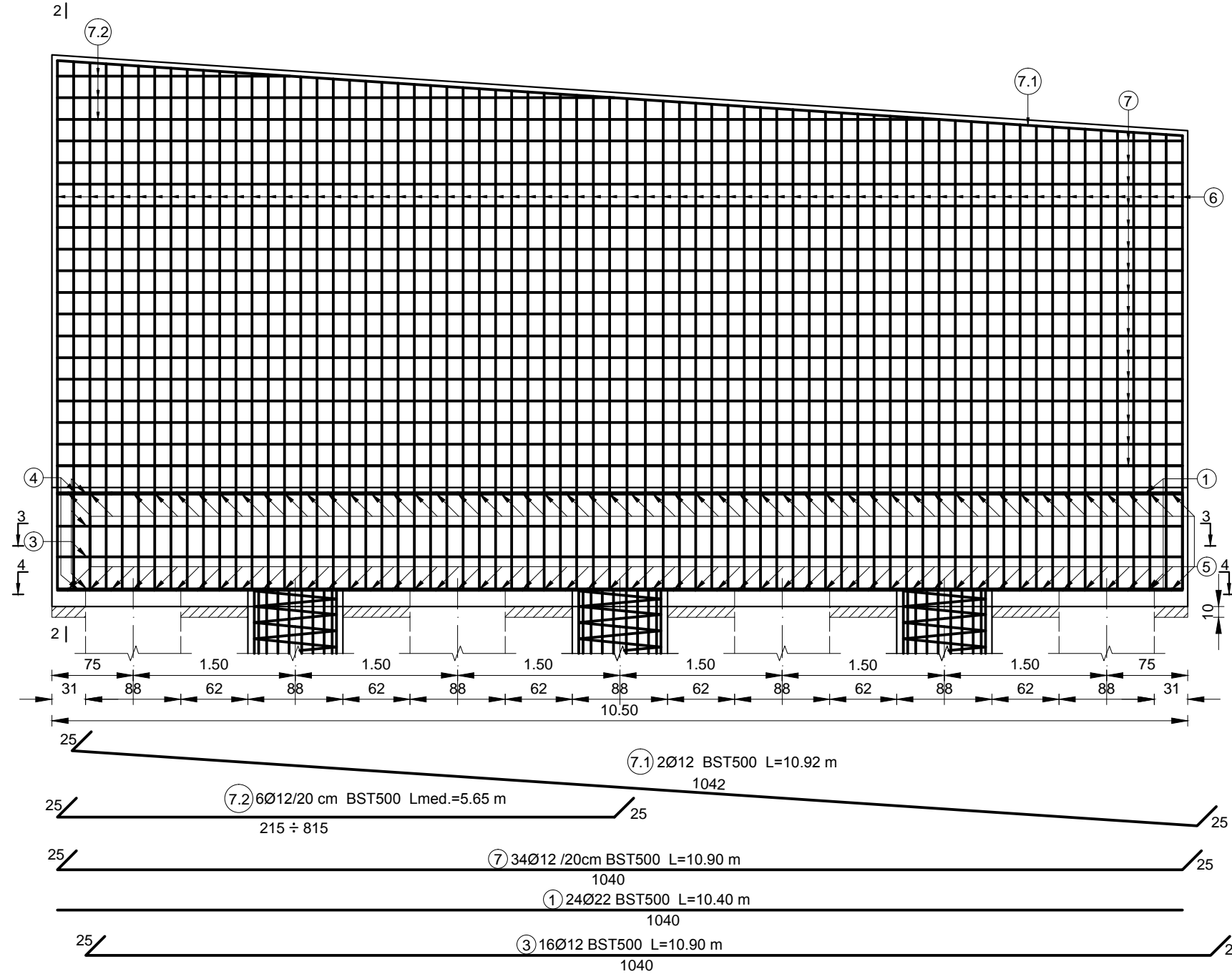
NOTA1: Plansa se va citi impreuna cu plansele 01_PCZ-01
 NOTA2: Elemente asemenea - 4 buc.

Proiectant / Designer ROYAL CDV G2 Suceava, Str. Eroilor, Nr.45F, Romania	Beneficiar / Beneficiary C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi	Verificator / Checker Sef proiect / Design Team Leader ing. Franciuc Vasile	Faza / Phase PTE	Titlu proiect / Project name Eliminarea efectelor inundatiilor pe DN 2N km 27+030 - km 27+060	Revizia / Revision 00
		Proiectat / Designer ing. Franciuc Vasile			Scara / Scale 1:50
		Proiectat / Designer ing. Alexandru Ionut			Plansa nr./Dw. no. 01_PCZ-02
		Proiect numar / Project number 21 - 2018	Data / Date 2018		

PLAN ARMARE ZID DE SPRIJIN

SECȚIUNE 1-1
sc. 1:50

SECȚIUNE 2-2
sc. 1:50



NOTA1: Plansa se va citi impreuna cu plansele PAZ-02 si PAZ-03
NOTA2: Elemente asemenea - 4 buc.

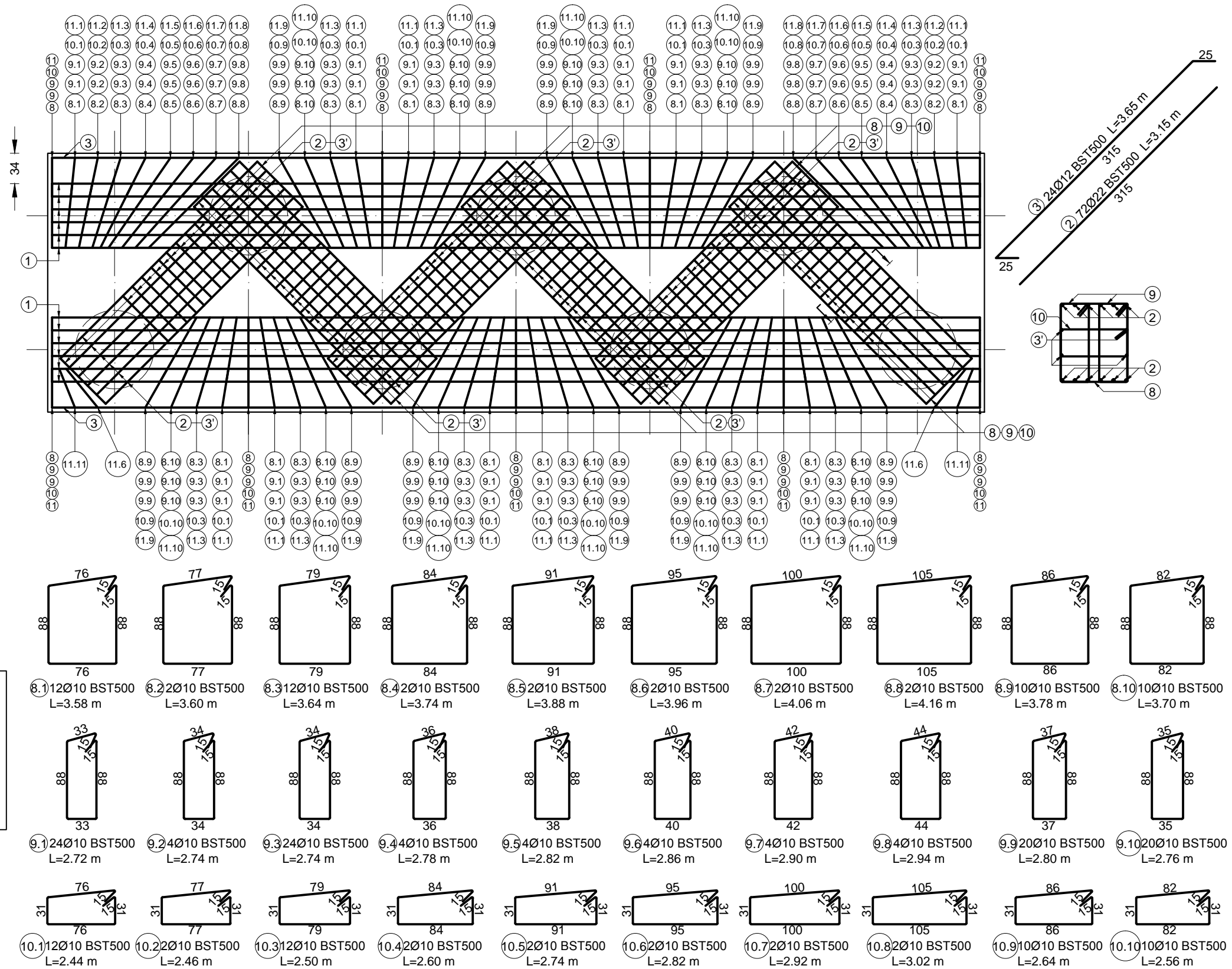
CERINTE DE CALITATE - CP 012/1: 2007
Beton - C8/10; Beton - C20/25; -clasa de expunere: XC3; -rap. A/C: 0.60; -ciment: min. 280kg/mc; Beton - C25/30; -clasa de expunere: XC4; XF1; -rap. A/C: 0.50; -ciment: min. 300kg/mc;
Beton - C35/45; Beton - C50/60; -clasa de expunere: XD2; XF3; -rap. A/C: 0.50; -ciment: min. 320kg/mc; Otel: BST500

Proiectant / Designer ROYAL CDV G2 Suceava, Str. Eroilor, Nr.45F, Romania	Beneficiar / Beneficiary C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi	Verificator / Checker Sef proiect / Design Team Leader ing. Franciuc Vasile	Faza / Phase PTE	Titlu proiect / Project name Eliminarea efectelor inundatiilor pe DN 2N km 27+030 - km 27+060	Revizia / Revision 00
		Proiectat / Designer ing. Franciuc Vasile			
		Proiectat / Designer ing. Alexandru Ionut			Format / Size A3
		Proiect numar / Project number 21 - 2018	Data / Date 2018		Plansa nr./Dw. no. 01_PAZ-01

PLAN ARMARE ZID DE SPRIJIN

SECȚIUNE 3-3

sc. 1:50



CERINTE DE CALITATE - CP 012/1: 2007

Beton - C8/10; Beton - C20/25; -clasa de expunere: XC3; -rap. A/C: 0.60; -ciment: min. 280kg/mc; Beton - C25/30; -clasa de expunere: XC4; XF1; -rap. A/C: 0.50; -ciment: min. 300kg/mc; Beton - C35/45; -clasa de expunere: XD2; XF3; -rap. A/C: 0.50; -ciment: min. 320kg/mc;

NOTA1: Plansa se va citi impreuna cu plansele PAZ-01 si PAZ-03

NOTA2: Elemente asemenea - 4 buc.

Proiectant / Designer

ROYAL CDV G2

Suceava, Str. Eroilor, Nr.45F, Romania

Beneficiar / Beneficiary

C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi

Verificator / Checker

Sef proiect / Design Team Leader ing. Franciuc Vasile

Proiectat / Designer ing. Franciuc Vasile

Proiectat / Designer ing. Alexandru Ionut

Proiect numar / Project number 21 - 2018

Data / Date 2018

Faza / Phase

PTE

Scara / Scale

1:50

Titlu proiect / Project name

Eliminarea efectelor inundatiilor pe DN 2N km 27+030 - km 27+060

Titlu plansa / Drawing name

Plan armare zid de sprijin

Revizia / Revision

00

Format / Size

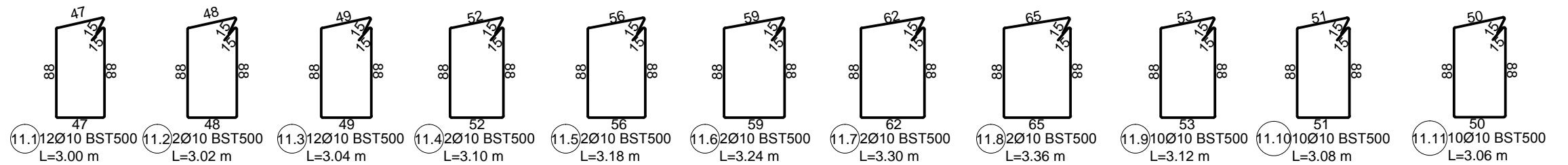
A3

Plansa nr./Dw. no.

01_PAZ-02

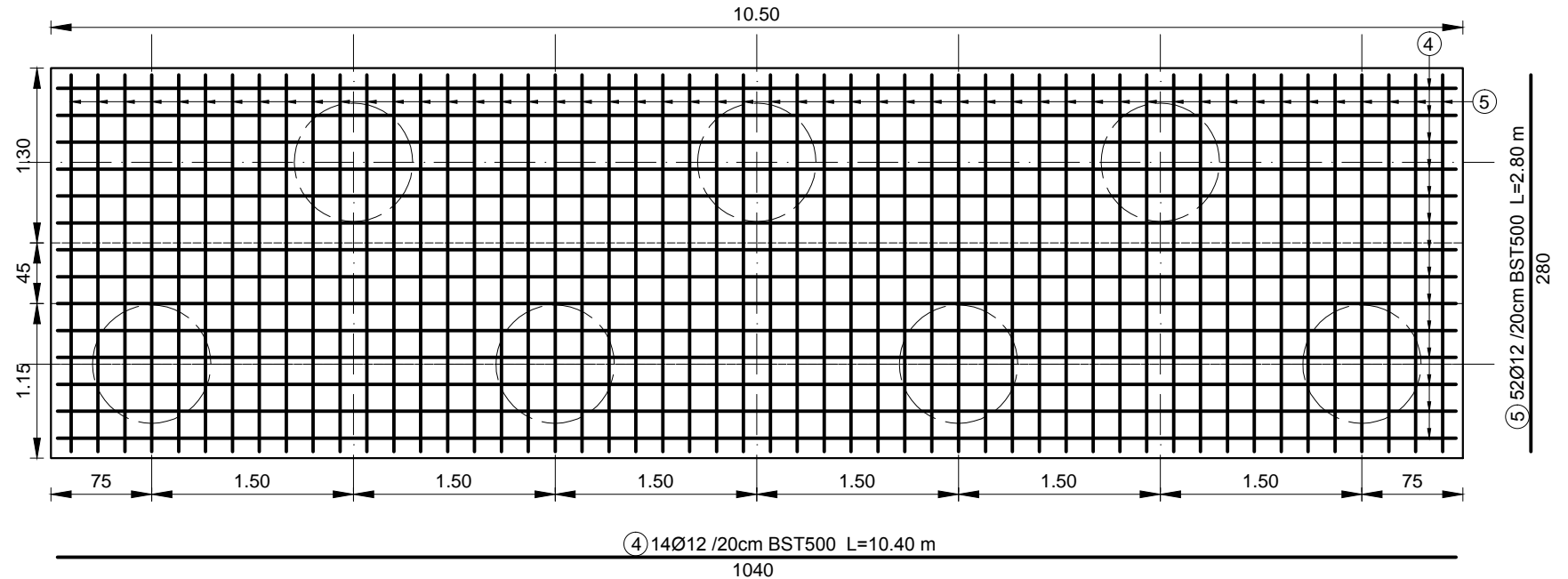
PLAN ARMARE ZID DE SPRIJIN

NOTA1: Plansa se va citi impreuna cu plansele PAZ-01 si PAZ-02
NOTA2: Elemente asemenea - 4 buc.



SECȚIUNE 4-4

sc. 1:50



EXTRAS DE ARMĂTURĂ

Element	Marca	Diametrul	Nr bare		Lung. Unei bare (m)	Lungimea barelor				
			Intr-un element	In toate elementele (4 buc.)		BST 500				
						Ø8	Ø10	Ø12	Ø20	Ø22
1	Ø22	24	96	10.40					998.4	
2	Ø22	72	288	3.15					907.2	
3	Ø12	16	64	10.90			697.6			
3'	Ø12	24	96	3.65			350.4			
4	Ø12	14	56	10.40			582.4			
5	Ø12	52	208	2.80			582.4			
6	Ø20	70	280	5.10				1428		
6.1	Ø12	70	280	5.30			1484			
7	Ø12	34	136	10.90			1482.4			
7.1	Ø12	2	8	10.92			87.36			
7.2	Ø12	6	24	5.65			135.6			
8	Ø10	75	300	3.56	1068					
8.1	Ø10	12	48	3.58	171.84					
8.2	Ø10	2	8	3.60	28.8					
8.3	Ø10	12	48	3.64	174.72					
8.4	Ø10	2	8	3.74	29.92					
8.5	Ø10	2	8	3.88	31.04					
8.6	Ø10	2	8	3.96	31.68					
8.7	Ø10	2	8	4.06	32.48					
8.8	Ø10	2	8	4.16	33.28					
8.9	Ø10	10	40	3.78	151.2					
8.10	Ø10	10	40	3.70	148					
9	Ø10	150	600	2.70	1620					
9.1	Ø10	24	96	2.72	261.12					
9.2	Ø10	4	16	2.74	43.84					
9.3	Ø10	24	96	2.74	263.04					
9.4	Ø10	4	16	2.78	44.48					
9.5	Ø10	4	16	2.82	45.12					

ZID DE SPRIJIN L=4 buc. x

9.5	Ø10	4	16	2.82	45.12				
9.6	Ø10	4	16	2.86	45.76				
9.7	Ø10	4	16	2.90	46.4				
9.8	Ø10	4	16	2.94	47.04				
9.9	Ø10	20	80	2.80	224				
9.10	Ø10	20	80	2.76	220.8				
10	Ø10	75	300	2.42	726				
10.1	Ø10	12	48	2.44	117.12				
10.2	Ø10	2	8	2.46	19.68				
10.3	Ø10	12	48	2.50	120				
10.4	Ø10	2	8	2.60	20.8				
10.5	Ø10	2	8	2.74	21.92				
10.6	Ø10	2	8	2.82	22.56				
10.7	Ø10	2	8	2.92	23.36				
10.8	Ø10	2	8	3.02	24.16				
10.9	Ø10	10	40	2.64	105.6				
10.10	Ø10	10	40	2.56	102.4				
11	Ø10	9	36	2.96	106.56				

11.1	Ø10	12	48	3.00	144				
11.2	Ø10	2	8	3.02	24.16				
11.3	Ø10	12	48	3.04	145.92				
11.4	Ø10	2	8	3.10	24.8				
11.5	Ø10	2	8	3.18	25.44				
11.6	Ø10	4	16	3.24	51.84				
11.7	Ø10	2	8	3.30	26.4				
11.8	Ø10	2	8	3.36	26.88				
11.9	Ø10	10	40	3.12	124.8				
11.10	Ø10	10	40	3.08	123.2				
11.11	Ø10	2	8	3.06	24.48				
12	Ø8	10	40	0.65	26				
13	Ø8	10	40	0.75	30				
14	Ø8	10	40	0.85	34				
Lungimea totală pe diametru (m)					90	6914.64	5402.16	1428	1905.6
Masa specifică pe diametru (kg/m)					0.395	0.617	0.888	2.470	2.980
Masa totală pe diametru (kg)					35.55	4266.333	4797.12	3527.16	5678.69
Masa totală (kg)					35.55			18269.30	

Proiectant / Designer

ROYAL CDV G2

Suceava, Str. Eroilor, Nr.45F, Romania

Beneficiar / Beneficiary

C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi

Verificator / Checker

Sef proiect / Design Team Leader ing. Franciuc Vasile

Proiectat / Designer ing. Franciuc Vasile

Proiectat / Designer ing. Alexandru Ionut

Proiect numar / Project number 21 - 2018

Data / Date 2018

Faza / Phase

PTE

Scara / Scale

1:50

Titlu proiect / Project name

Eliminarea efectelor inundatiilor pe DN 2N
km 27+030 - km 27+060

Titlu plansa / Drawing name

Plan armare zid de sprijin

Revizia / Revision

00

Format / Size

A3

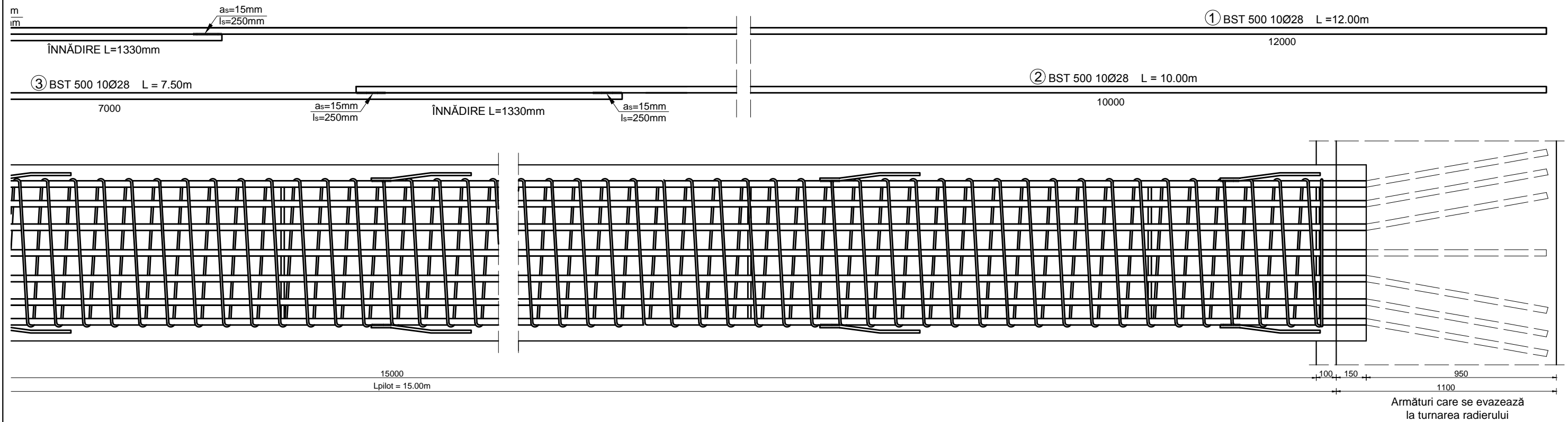
Plansa nr./Dw. no.

01_PAZ-03

PLAN COFRAJ SI PLAN ARMARE PILOTI

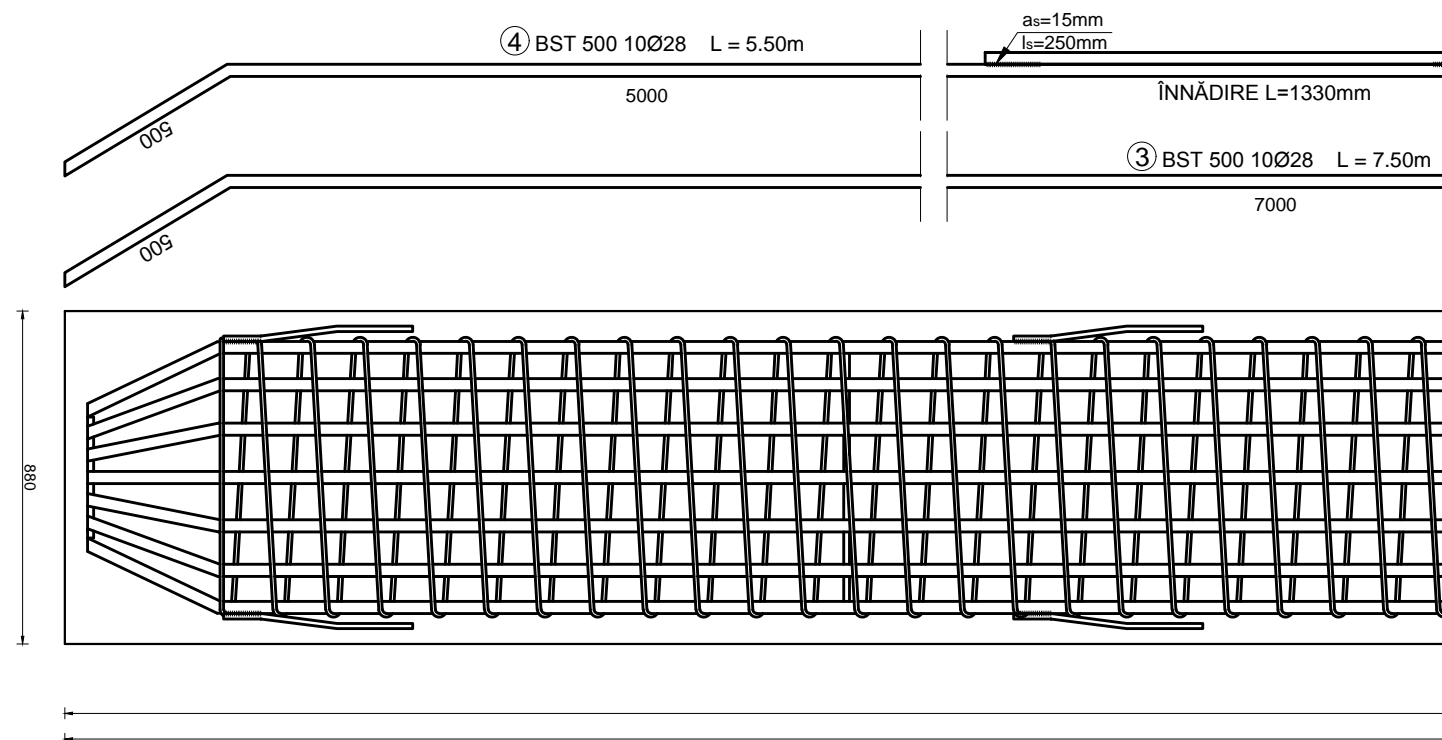
VEDERE A-A

1:20



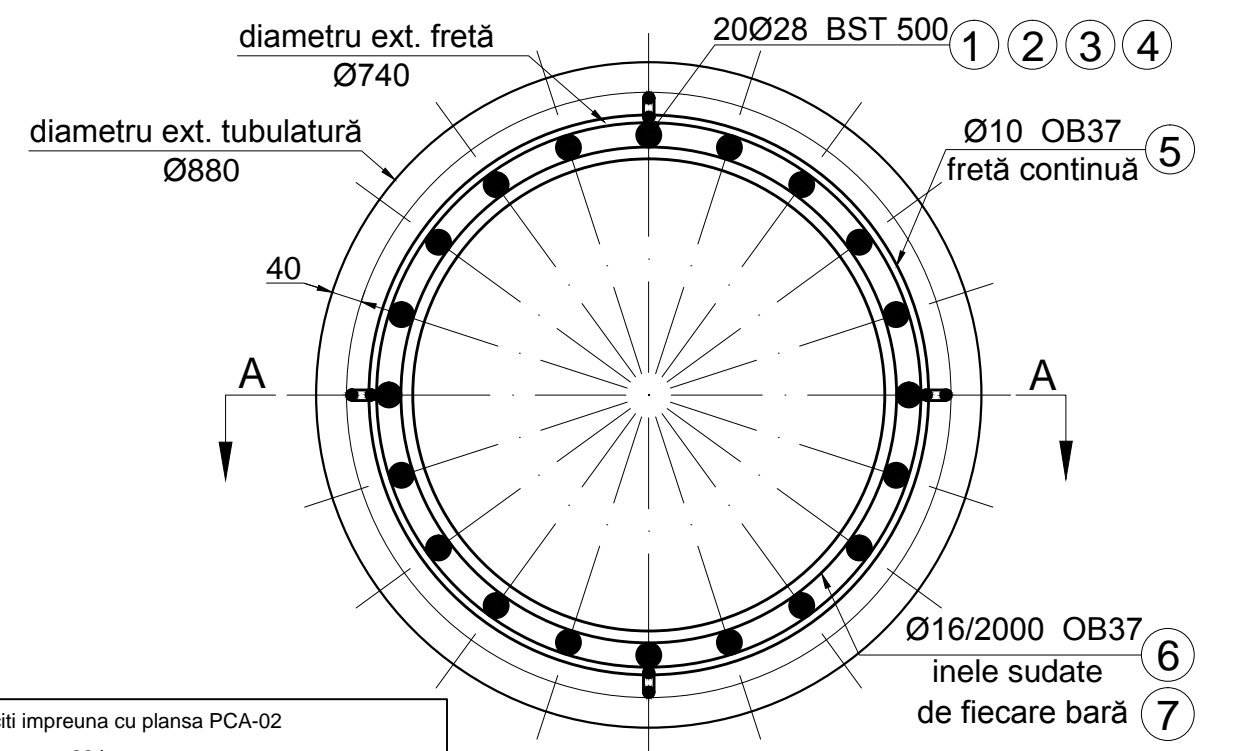
VEDERE A-A

1:20



SECȚIUNEA 1-1

sc. 1:10



NOTA1: Plansa se va citi impreuna cu plansa PCA-02

NOTA2: Elemente asemenea - 28 buc.

Proiectant / Designer

ROYAL CDV G2

Suceava, Str. Eroilor, Nr.45F, Romania

Beneficiar / Beneficiary

C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi

Verificator / Checker

Sef proiect / Design Team Leader ing. Franciuc Vasile

Proiectat / Designer ing. Franciuc Vasile

Proiectat / Designer ing. Alexandru Ionut

Proiect numar / Project number 21 - 2018

Data / Date 2018

Faza / Phase

PTE

Scara / Scale

1:10

1:20

Titlu proiect / Project name

Eliminarea efectelor inundatiilor pe DN 2N
km 27+030 - km 27+060

Titlu plansa / Drawing name

Plan cofraj si plan armare piloti

Revizia / Revision

00

Format / Size

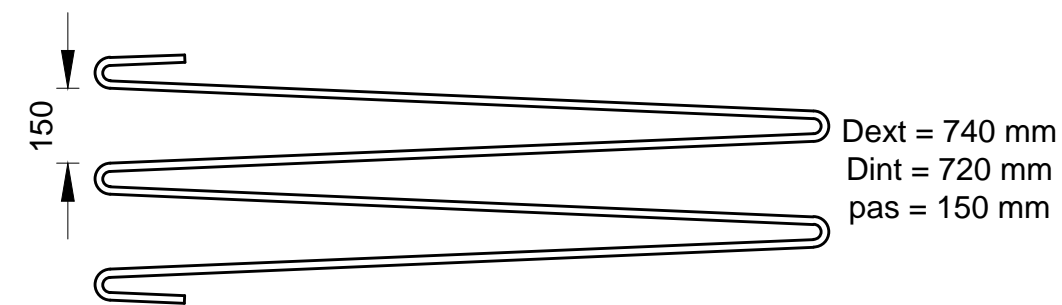
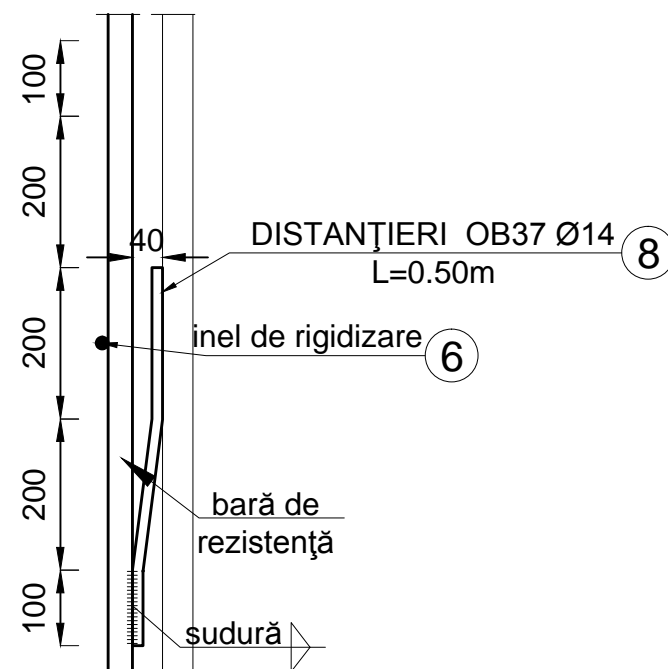
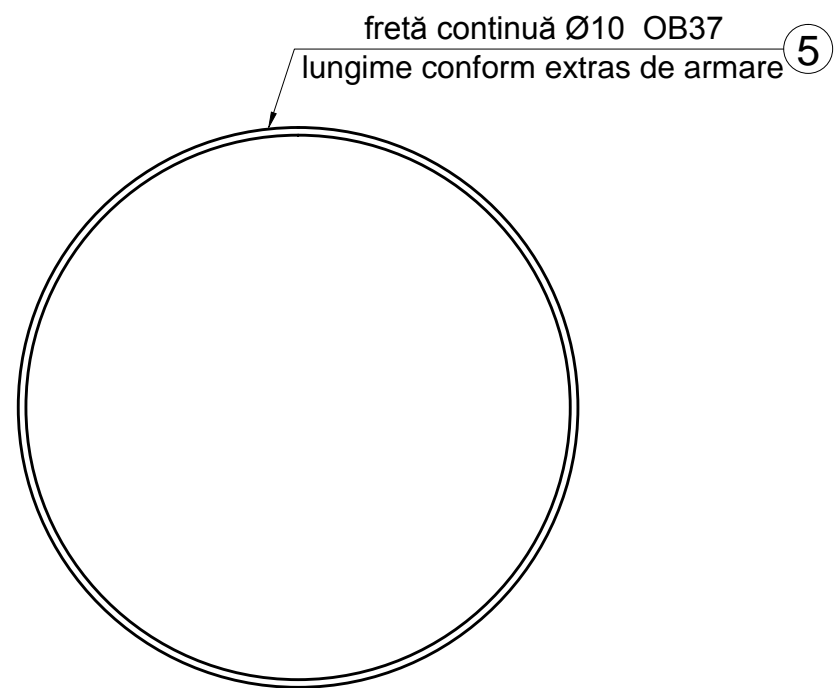
A3

Plansa nr./Dw. no.

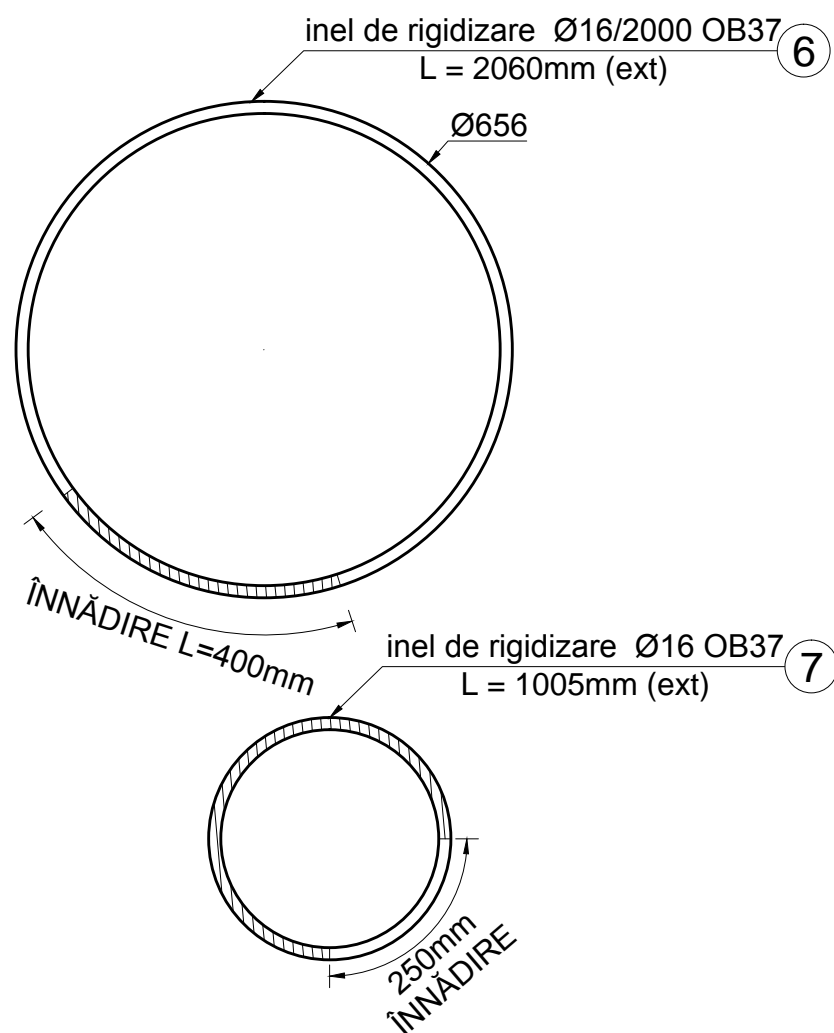
01_PCA-01

PLAN COFRAJ SI PLAN ARMARE PILOTI

Se montează câte 4 distanțieri pe barele de rezistență în fiecare plan din 2 în 2 metri.



* Puncte de sudură de 1cm la fiecare metru de fretă pe contur
** Puncte de sudură de 2cm la fiecare inel de rigidizare pe contur



Acoperirea cu beton: $ab=60$ mm
Clasa de expunere: XC4
Dozaj minim de ciment: 300 kg/m^3
Raport maxim A/C: 0,50
Beton C25/30 : $0,608 \text{ m}^3/\text{ml}$
Oțel beton : 122.58 kg/ml
Diametrul maxim al agregatelor:
 $D_{\text{max}} \leq 20$ mm
Tipul de ciment: CEM II/A-S 32,5

Materiale

-beton armat: C25/30
-oțel: OB37, BST500

NOTA1: Plansa se va citi impreuna cu plansa PCA-01
NOTA2: Elemente asemenea - 28 buc.

EXTRAS DE ARMĂTURĂ

Element	Marca	Diametrul	Nr bare		Lung. Unei bare (m)	Lungimea barelor			
			Intr-un element	In toate elementele (28 buc.)		OB37			BST 500
						Ø10	Ø14	Ø16	Ø28
PILOT Ø880mm; L=15.00m	1	Ø28	10	280	12.00				3360
	2	Ø28	10	280	10.00				2800
	3	Ø28	10	280	7.50				2100
	4	Ø28	10	280	5.50				1540
	5	Ø10	1	28	231.70	6487.6			
	6	Ø16	8	224	2.06			461.44	
	7	Ø16	1	28	1.01			28.28	
	8	Ø14	32	896	0.50		448		
Lungimea totală pe diametru (m)						6487.6	448	489.72	9800
Masa specifică pe diametru (kg/m)						0.617	1.210	1.580	4.840
Masa totală pe diametru (kg)						4002.849	542.08	773.76	47432.00
Masa totală (kg)						5318.69			47432.00

Proiectant / Designer

ROYAL CDV G2

Suceava, Str. Eroilor, Nr.45F, Romania

Beneficiar / Beneficiary

C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi

Verificator / Checker

Sef proiect / Design Team Leader ing. Franciuc Vasile

Proiectat / Designer ing. Franciuc Vasile

Proiectat / Designer ing. Alexandru Ionut

Proiect numar / Project number 21 - 2018

Data / Date 2018

Faza / Phase

PTE

Scara / Scale

1:10

1:20

Titlu proiect / Project name

Eliminarea efectelor inundatiilor pe DN 2N
km 27+030 - km 27+060

Titlu plansa / Drawing name

Plan cofraj si plan armare piloti

Revizia / Revision

00

Format / Size

A3

Plansa nr./Dw. no.

01_PCA-02

COORDONATE DE TRASARE RADIER SI PILOTI

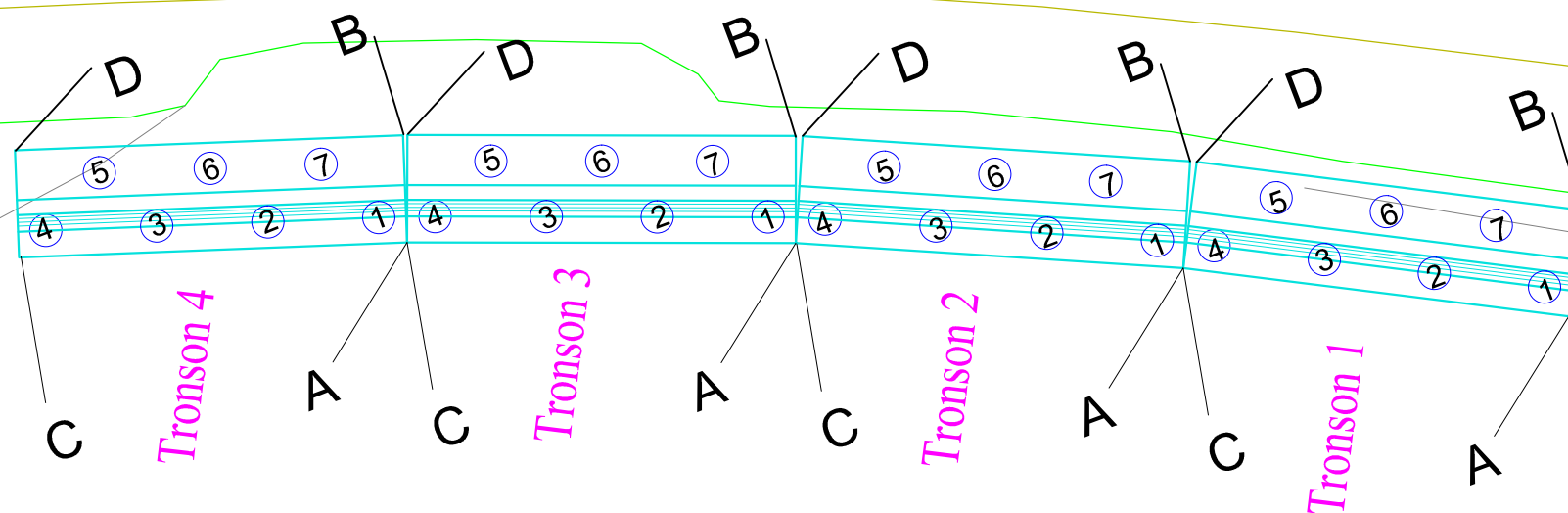


Dumitresti

Bordesti

DN 2N

DN 2N



Consolidare DN 2N, km 27+030 - km 27+060

Coordonate de trasare radier si piloti **TRONSON 1**

Punct	X [Nord]	Y [Est]	Z inferior radier, pilot
Coordonate trasare radier			
A	655953.996	453091.153	376.780
B	655955.350	453093.718	376.780
C	655944.710	453096.054	376.780
D	655946.064	453098.619	376.780
Coordonate trasare piloti			
1	655953.660	453092.122	361.780
2	655951.007	453093.523	361.780
3	655948.353	453094.923	361.780
4	655945.700	453096.323	361.780
5	655947.727	453096.950	361.780
6	655950.380	453095.549	361.780
7	655953.033	453094.149	361.780

Consolidare DN 2N, km 27+030 - km 27+060

Coordonate de trasare radier si piloti **TRONSON 2**

Punct	X [Nord]	Y [Est]	Z inferior radier, pilot
Coordonate trasare radier			
A	655944.710	453096.054	376.080
B	655945.908	453098.696	376.080
C	655935.148	453100.391	376.080
D	655936.344	453103.033	376.080
Coordonate trasare piloti			
1	655944	453097	361.080
2	655942	453098	361.080
3	655939	453099	361.080
4	655936	453101	361.080
5	655938	453101	361.080
6	655941	453100	361.080
7	655944	453099	361.080

Consolidare DN 2N, km 27+030 - km 27+060

Coordonate de trasare radier si piloti **TRONSON 3**

Punct	X [Nord]	Y [Est]	Z inferior radier, pilot
Coordonate trasare radier			
A	655935.148	453100.391	375.380
B	655936.178	453103.102	375.380
C	655925.333	453104.120	375.380
D	655926.362	453106.831	375.380
Coordonate trasare piloti			
1	655934.695	453101.312	360.380
2	655931.891	453102.377	360.380
3	655929.086	453103.443	360.380
4	655926.282	453104.508	360.380
5	655928.217	453105.378	360.380
6	655931.021	453104.312	360.380
7	655933.826	453103.247	360.380

Consolidare DN 2N, km 27+030 - km 27+060

Coordonate de trasare radier si piloti **TRONSON 4**

Punct	X [Nord]	Y [Est]	Z inferior radier, pilot
Coordonate trasare radier			
A	655925.333	453104.120	374.680
B	655926.250	453106.873	374.680
C	655915.372	453107.445	374.680
D	655916.290	453110.196	374.680
Coordonate trasare piloti			
1	655924.842	453105.023	359.680
2	655921.996	453105.973	359.680
3	655919.150	453106.922	359.680
4	655916.305	453107.872	359.680
5	655918.202	453108.820	359.680
6	655921.048	453107.871	359.680
7	655923.894	453106.921	359.680

Proiectant / Designer

ROYAL CDV G2

Suceava, Str. Eroilor, Nr.45F, Romania

Beneficiar / Beneficiary

C.N.A.I.R. S.A. prin Directia Regionala de Drumuri si Poduri - D.R.D.P. Iasi

Verificator / Checker

Sef proiect / Design Team Leader ing. Franciuc Vasile

Proiectat / Designer ing. Franciuc Vasile

Proiectat / Designer ing. Alexandru Ionut

Proiect numar / Project number 21 - 2018

Data / Date 2018

Faza / Phase

PTE

Scara / Scale

1:200

Titlu proiect / Project name

Eliminarea efectelor inundatiilor pe DN 2N
km 27+030 - km 27+060

Titlu plansa / Drawing name

Coordonate de trasare radier si piloti

Revizia / Revision

00

Format / Size

A3

Plansa nr./Dw. no.

01_COO-01