

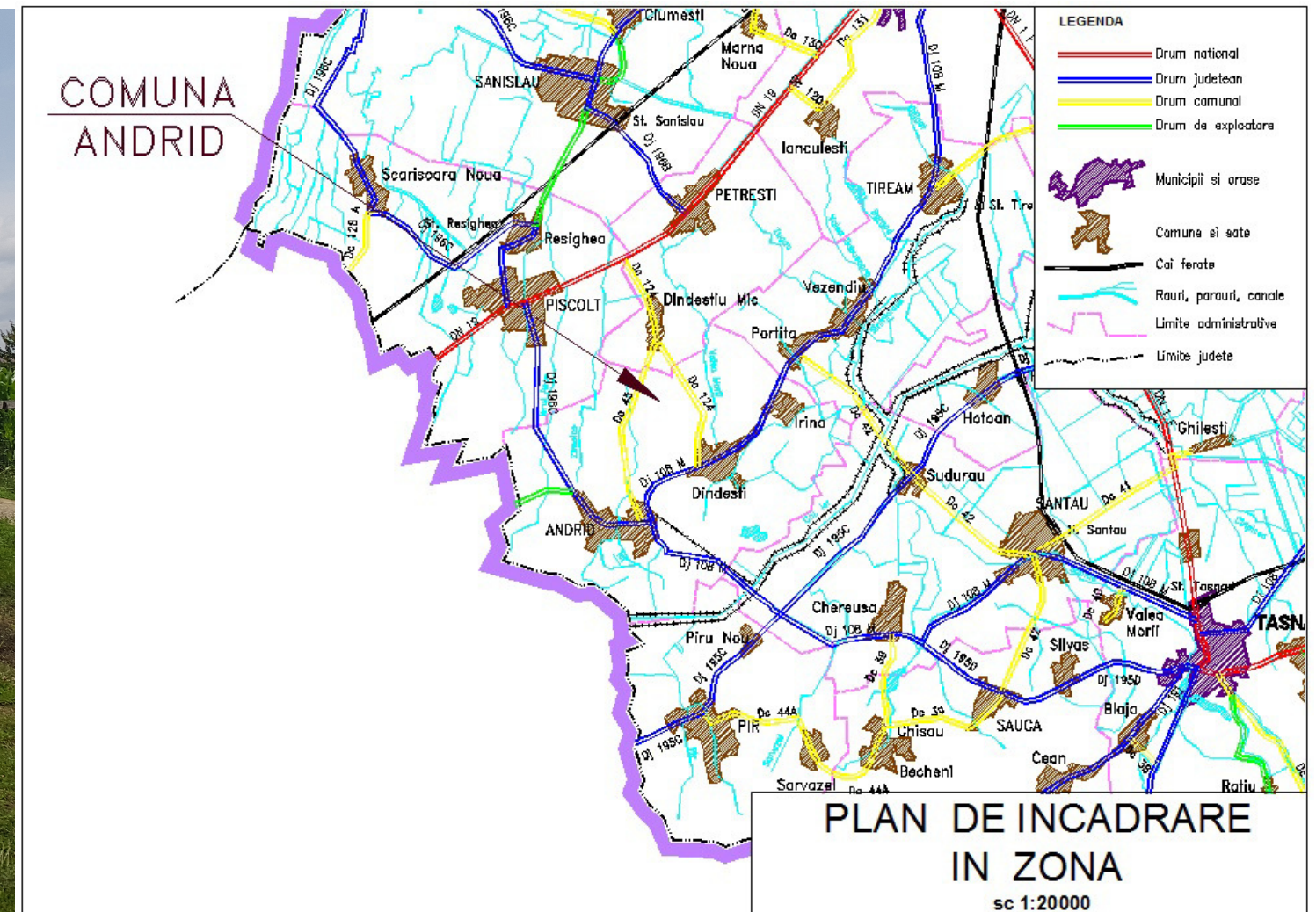
"Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"

PROIECT TEHNIC

VOLUMUL 2 : incadrare, amplasament, plan de situatie
profil longitudinal, profile transversale, detalii de executie



Beneficiar: COMUNA ANDRID



BORDEROU

Plansa :	Sc:	Nr :
Plan de incadrare in zona	1:20.000	-
Plan de amplasament	1:5.000	Pl. A00~A03
Plan de situatie	1:1000	Pl. 1~10
Profil longitudinal	1:100/1:1000	Pl. 11~15
Profile transversal	1:100	Pl. 15~24
Profil transversal tip	1:50	Pl. DDE 1-2
Detaliu rigola carosabila	1:50	Pl. DDE 3

COMUNA ANDRID

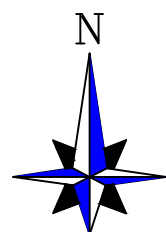
LEGENDA

- Drum national
- Drum judetean
- Drum comunal
- Drum de exploatare

- Municipii si orase
- Comune si sate
- Cai ferate
- Rauri, parauri, canale
- Limite administrative
- Limite judete

PLAN DE INCADRARE IN ZONA

sc 1:20000

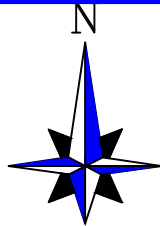


LEGENDA

- Strazi propuse in proiect
- Drum Judetean
- Drum comunal
- Limita intravilan

"Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"

PLAN DE AMPLASAMENT
A00 sc:1:15.000

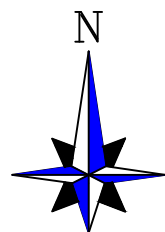
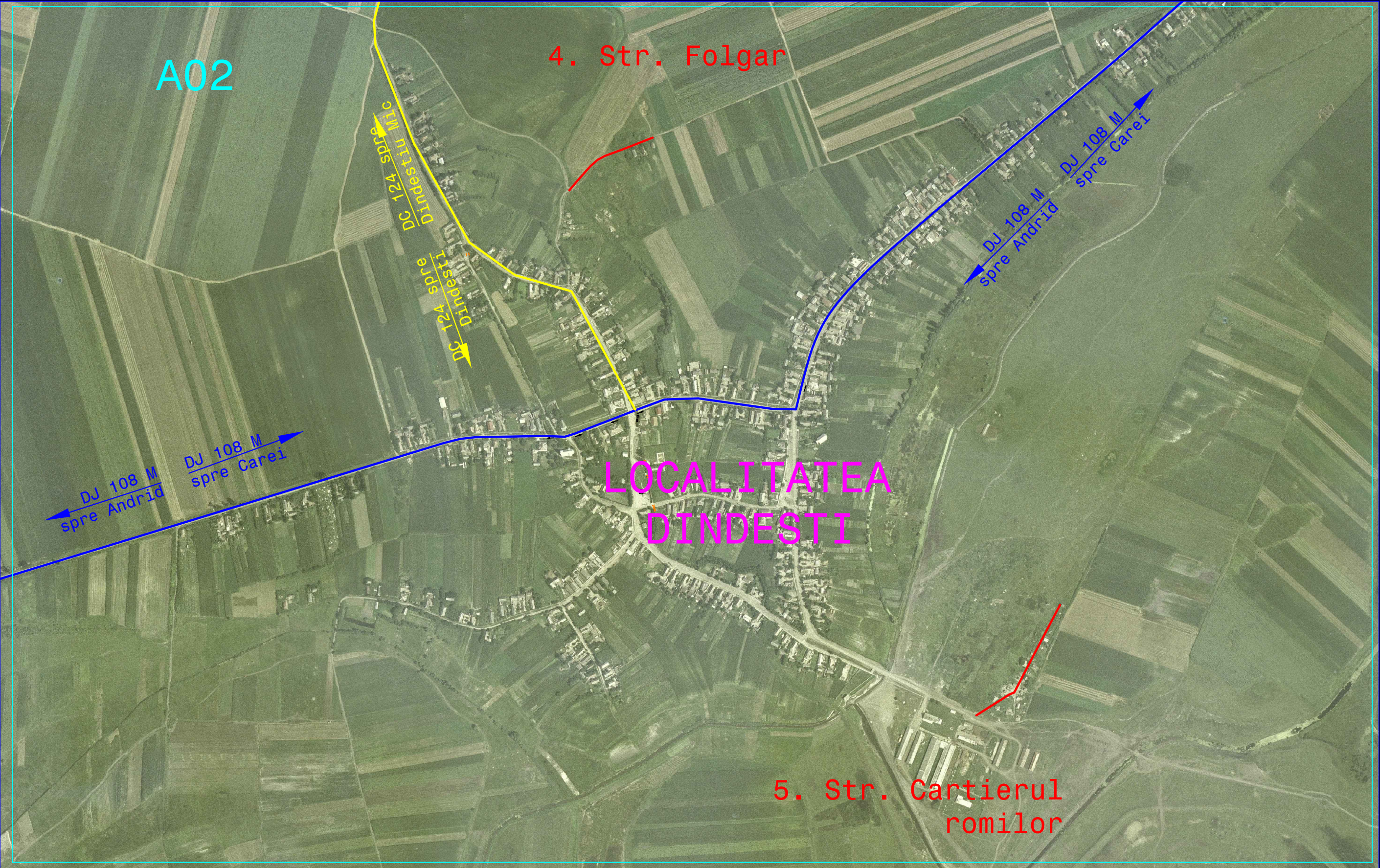


LEGENDA

- Strazi propuse in proiect
- Drum Judetean
- Drum comunal
- Limita intravilan

"Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"

PLAN DE AMPLASAMENT
A01 sc:1:5.000

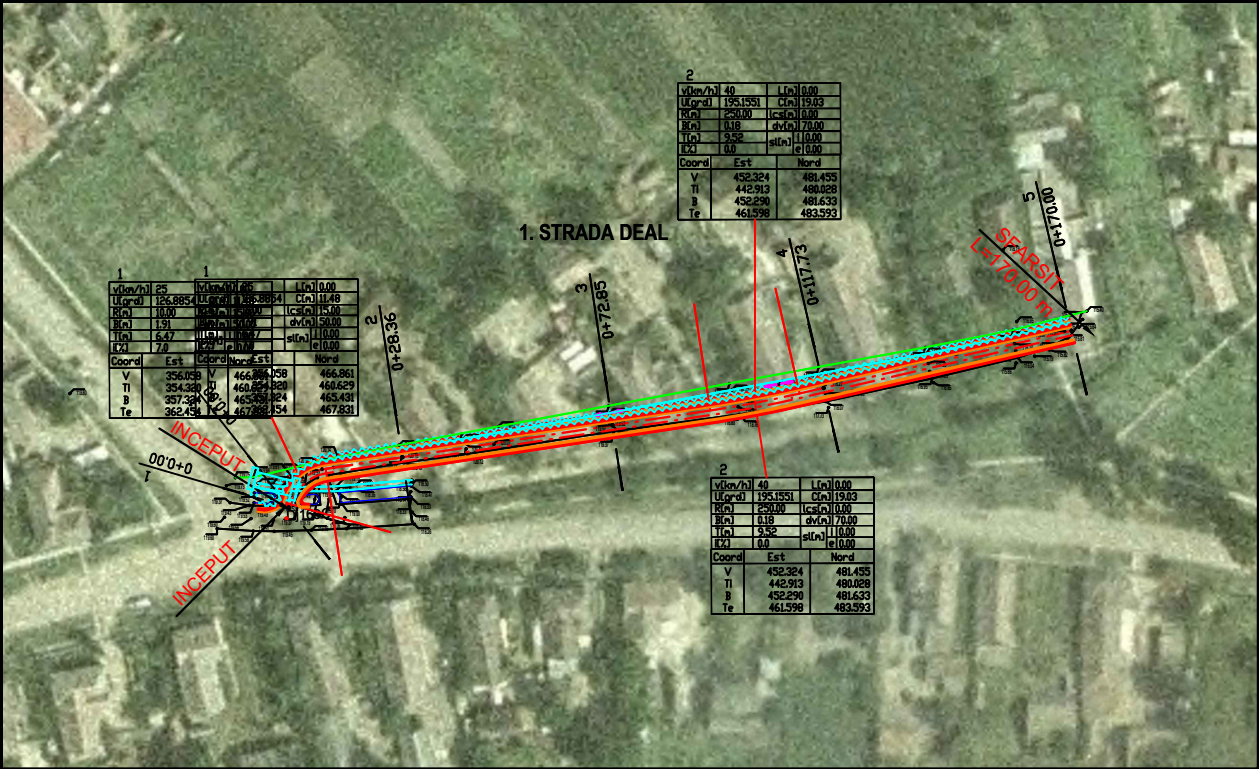


LEGENDA

- Strazi propuse in proiect
- Drum Judetean
- Drum comunal
- Limita intravilan

"Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"

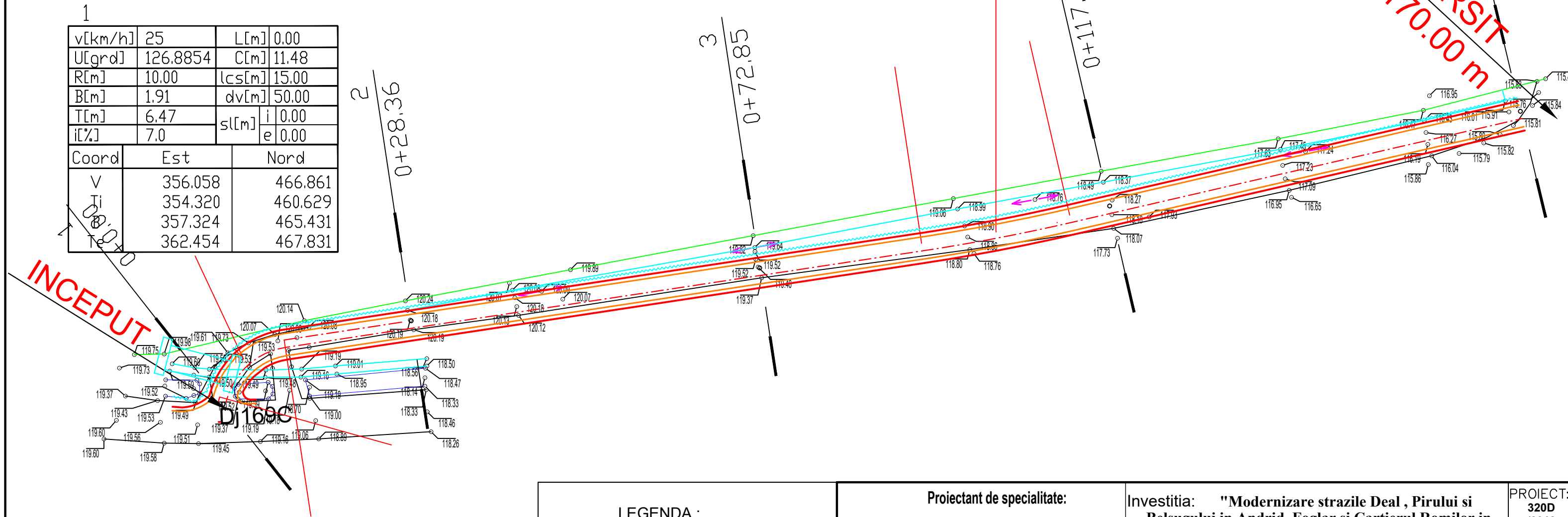
PLAN DE AMPLASAMENT
A02 sc:1:5.000



2

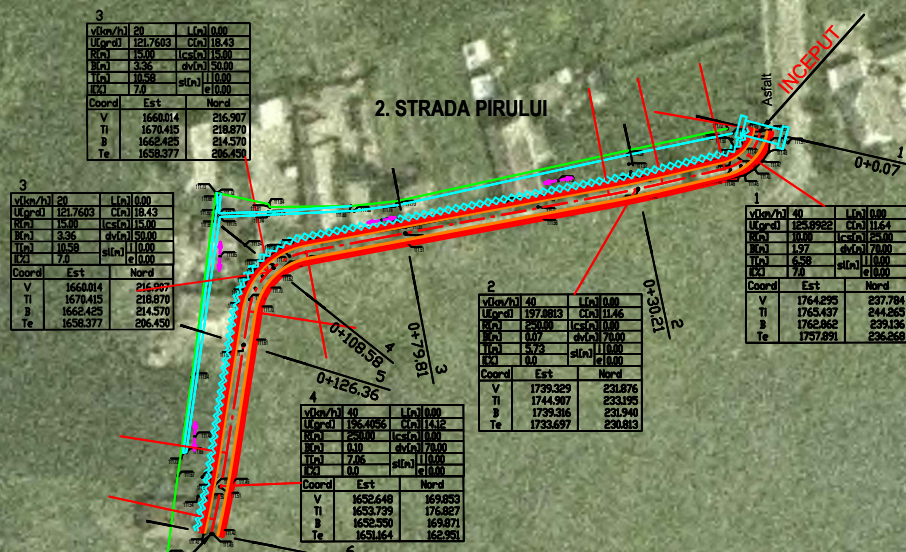
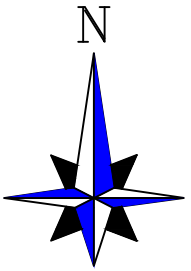
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U[grd]	195.1551	C[m]	19.03	
R[m]	250.00	lcs[m]	0.00	
B[m]	0.18	dv[m]	70.00	
T[m]	9.52	sl[m]	i	0.00
i[%]	0.0		e	0.00
Coord	Est		Nord	
V	452.324		481.455	
Ti	442.913		480.028	
B	452.290		481.633	
Te	461.598		483.593	

1. STRADA DEAL



LEGENDA : carosabil dr. proiectat -  acostament dr. proiectat -  ax drum proiectat -  rigola proiectat -  LEA beton - 	Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare" Beneficiar: COMUNA ANDRID	PROIECT: 320D /2018
	SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:500	PLAN DE SITUATIE	FAZA: P.T.
	ŞEF PROIECT:	ing. Langa Adrian				Plansa: (1)
	PROIECTAT:	ing. Langa Adrian		Data: 2018		
	DESENAT:	ing. Langa Adrian				

2. STRADA PIRULUI



V	1660.014	216.907
Ti	1670.415	218.870
B	1662.425	214.570
Te	1658.377	206.450

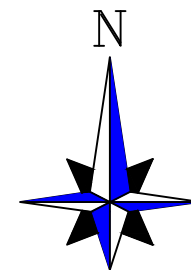
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B[m]	0.07	dv[m]	70.00
T[m]	5.73	sl[m]	i 0.00
i[%]	0.0	e	0.00
Coord	Est	Nord	
V	1739.329	231.876	
Ti	1744.907	233.195	
B	1739.316	231.940	
Te	1733.697	230.813	

v[km/h]	40	L[m]	0.00
U[grd]	196.4056	C[m]	14.12
R[m]	250.00	lcs[m]	0.00
B[m]	0.10	dv[m]	70.00
T[m]	7.06	sl[m]	i 0.00
i[%]	0.0	e	0.00
Coord	Est	Nord	
V	1652.648	169.853	
Ti	1653.739	176.827	
B	1652.550	169.871	
Te	1651.164	162.951	

SFARSIT
L=165.00 m

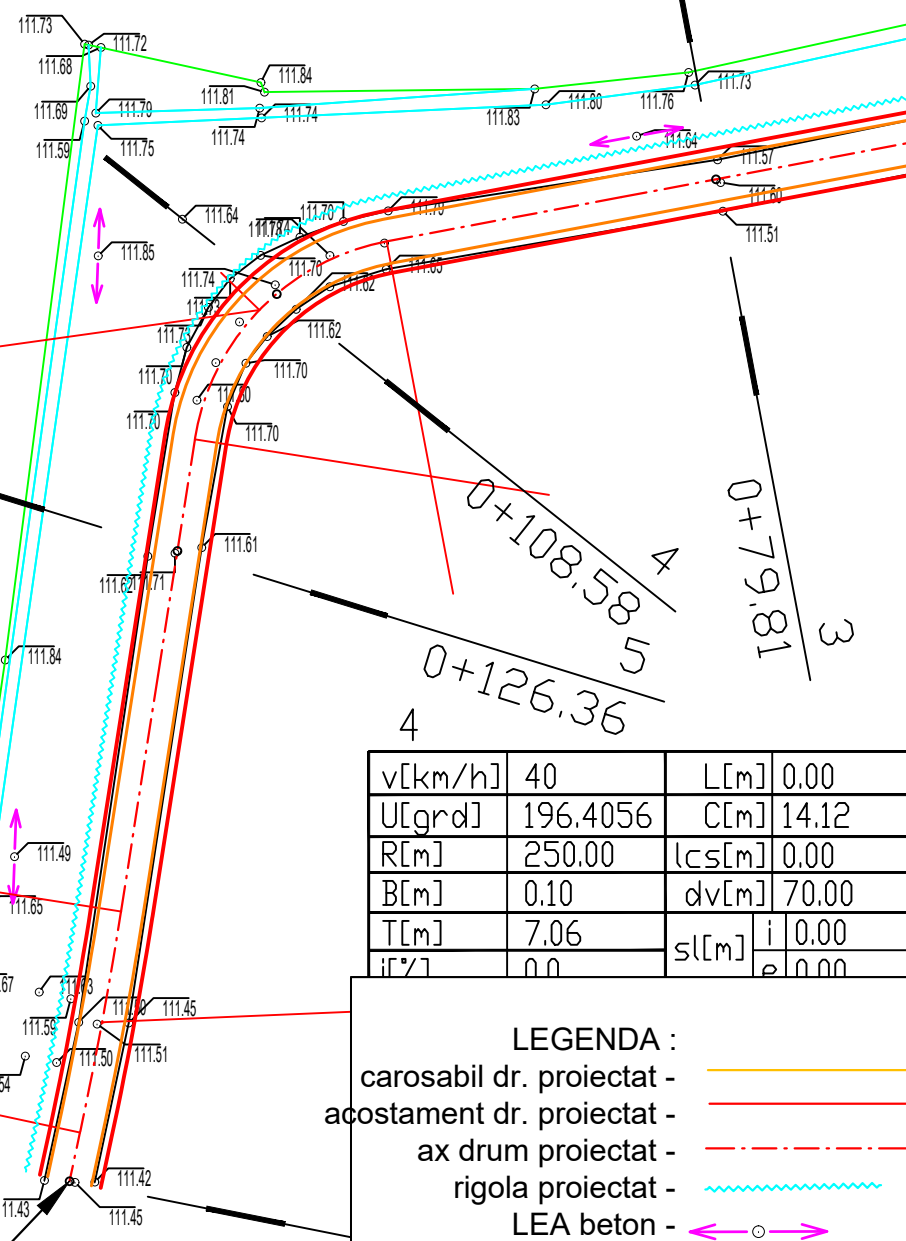
- LEGENDA :
- carosabil dr. proiectat - —
 - acostament dr. proiectat - —
 - ax drum proiectat - - - -
 - rigola proiectat - ~~~~~
 - LEA beton - <-->

Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
Beneficiar: COMUNA ANDRID				FAZA: P.T.		Plansa: (2)
SPECIFICATIE: NUME: SEMNAT: sc: 1:500				PLAN DE SITUATIE		
SEF PROIECT: ing. Langa Adrian PROIECTAT: ing. Langa Adrian DESENAT: ing. Langa Adrian						



2. STRADA PIRULUI

v[km/h]	20	L[m]	0.00
U[grd]	121.7603	C[m]	18.43
R[m]	15.00	lcs[m]	15.00
B[m]	3.36	dv[m]	50.00
T[m]	10.58	sl[m]	i 0.00
i[%]	7.0		e 0.00
Coord	Est	Nord	
V	1660.014	216.907	
Ti	1670.415	218.870	
B	1662.425	214.570	
Te	1658.377	206.450	



v[km/h]	40	L[m]	0.00
U[grd]	197.0813	C[m]	11.46
R[m]	250.00	lcs[m]	0.00
B[m]	0.07	dv[m]	70.00
T[m]	5.73	sl[m]	i 0.00
i[%]	0.0		e 0.00
Coord	Est	Nord	
V	1739.329	231.876	
Ti	1744.907	233.195	
B	1739.316	231.940	
Te	1733.697	230.813	

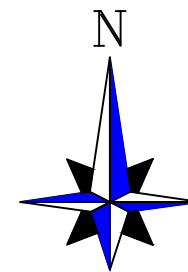
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B[m]	1.97	dv[m]	70.00
T[m]	6.58	sl[m]	i 0.00
i[%]	7.0		e 0.00
Coord	Est	Nord	
V	1764.295	237.784	
Ti	1765.437	244.265	
B	1762.862	239.136	
Te	1757.891	236.268	

LEGENDA :

- carosabil dr. proiectat - —
- acostament dr. proiectat - —
- ax drum proiectat - - - -
- rigola proiectat - ~~~~~
- LEA beton - <-->

Proiectant de specialitate:			
S.C. LA CONSULT&DEVELOPMENT S.R.L.			
Valeni, nr 23, Cluj, RO 19197907			
SPECIFICATIE:	NUME:	SEMNAS:	sc:
SEF PROIECT:	ing. Langa Adrian		1:500
PROIECTAT:	ing. Langa Adrian		Data:
DESENAT:	ing. Langa Adrian		2018

Investitia:	"Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"	PROIECT:	320D /2018
Beneficiar:	COMUNA ANDRID	FAZA:	P.T.
PLAN DE SITUATIE		Plansa:	(3)



SFARSIT
L=115.00 m

3. STRADA BELSUGULUI

INCEPUT
km 0+000

LEGENDA :
carosabil dr. proiectat -
acostament dr. proiectat -
ax drum proiectat -
rigola proiectat -
LEA beton -

Proiectant de specialitate:
S.C. LA CONSULT&DEVELOPMENT S.R.L.
Valeni, nr 23, Cluj ,RO 19197907

Investitia: "Modernizare strazile Deal , Pirului si
Belsugului in Andrid, Foglar si Cartierul Romilor in
Dindesti in comuna Andrid Judetul Satu Mare"
Beneficiar: COMUNA ANDRID

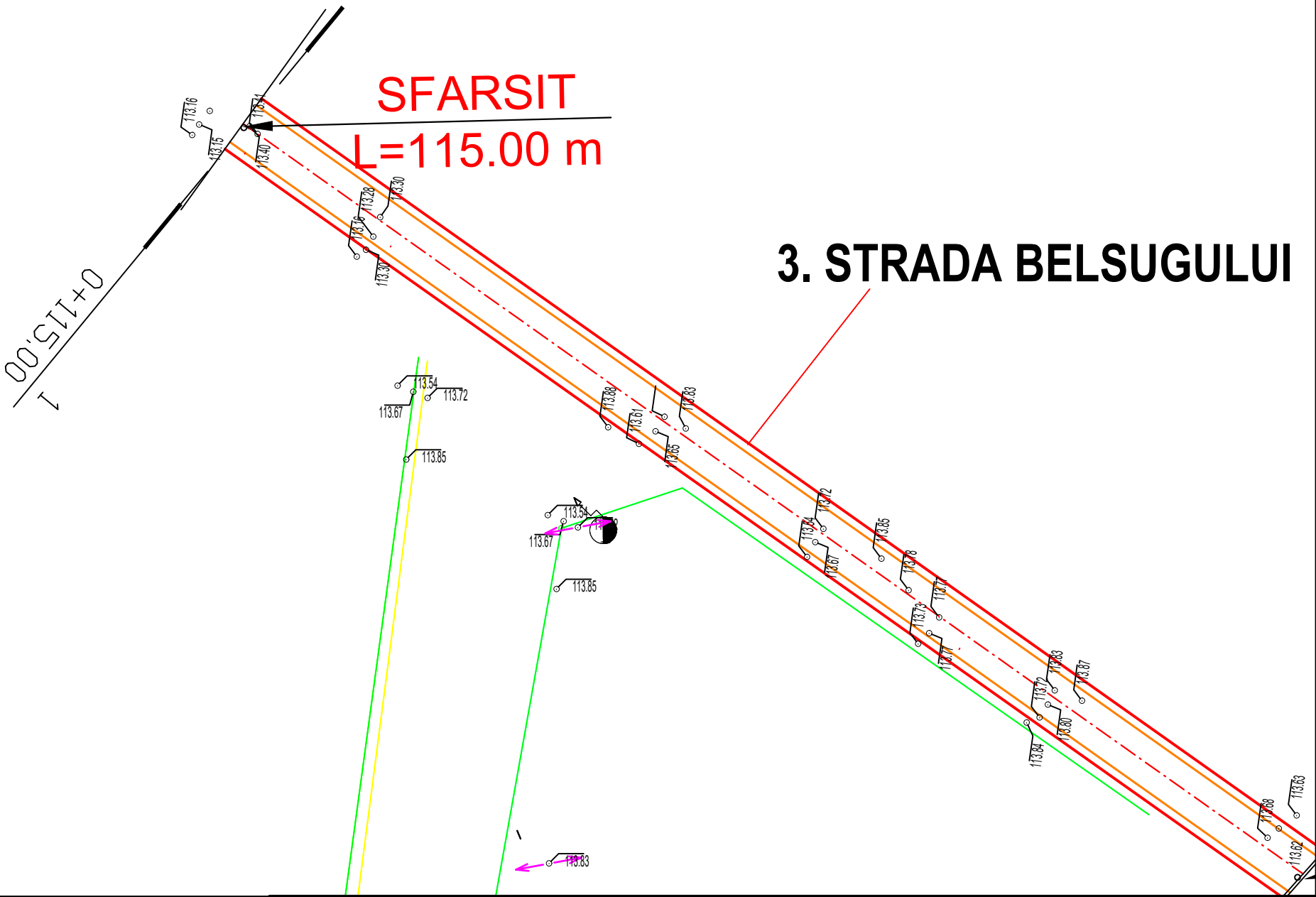
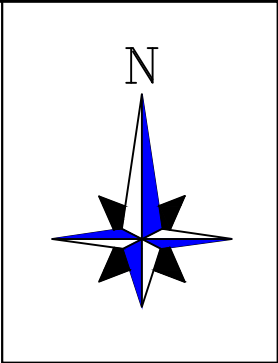
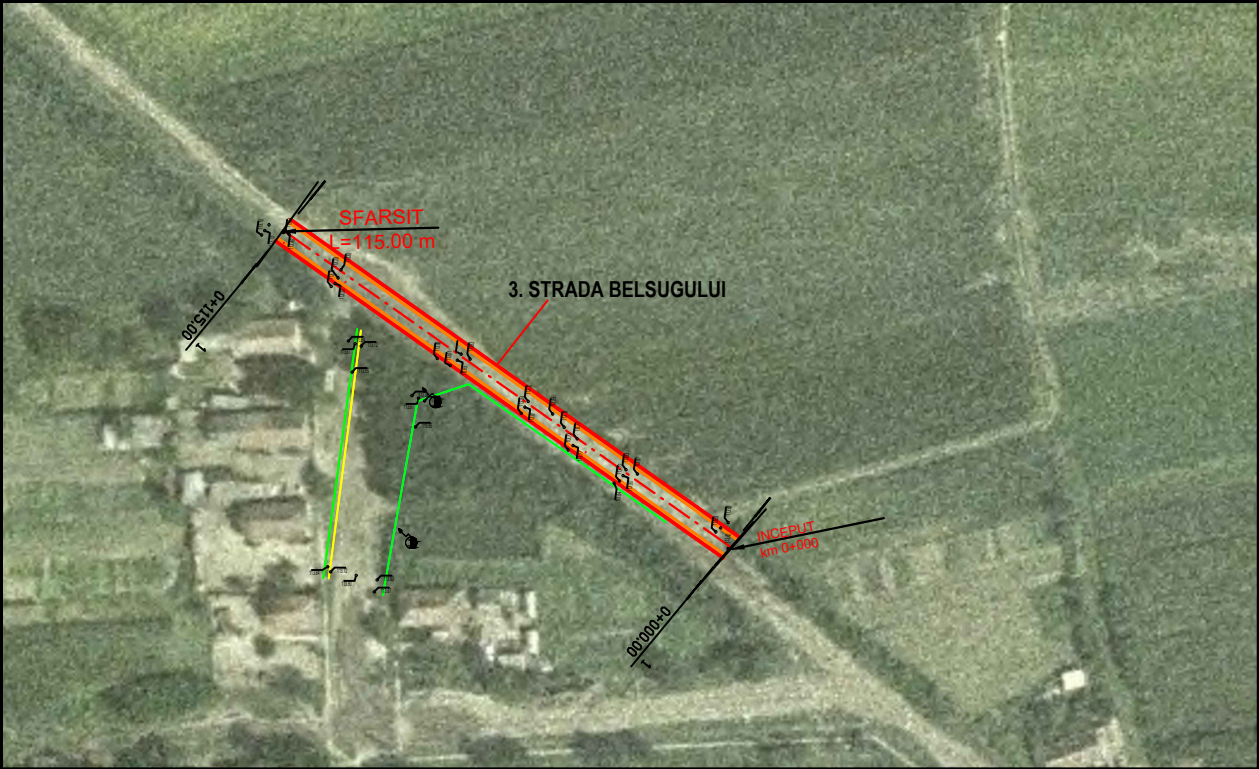
PROIECT:
320D
/2018

FAZA:
P.T.

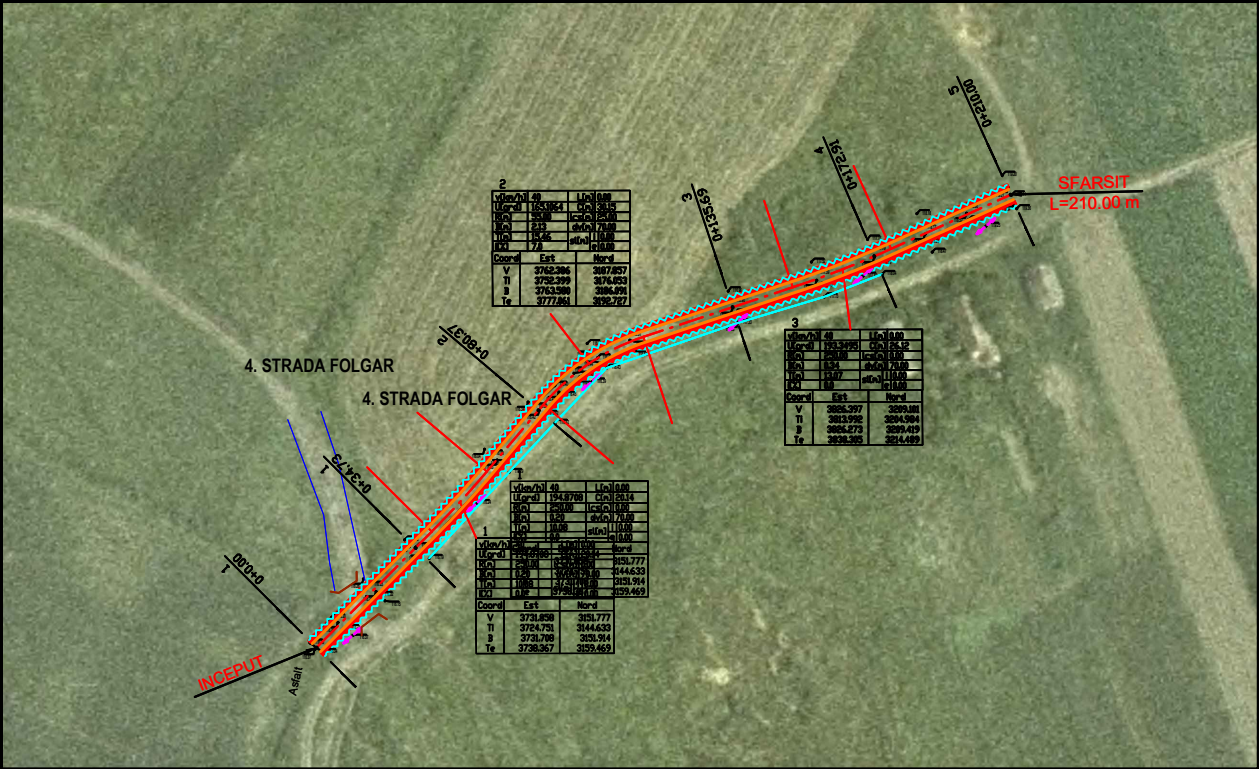
Plansa:
(4)

SPECIFICATIE:	NUME:	SEM NAT:	sc:
ŞEF PROIECT:	ing. Langa Adrian		1:500
PROIECTAT:	ing. Langa Adrian		Data:
DESENAT:	ing. Langa Adrian		2018

PLAN DE SITUATIE



LEGENDA : carosabil dr. proiectat - acostament dr. proiectat - ax drum proiectat - rigola proiectat - LEA beton -	Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907			Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare" Beneficiar: COMUNA ANDRID	PROIECT: 320D /2018
	SPECIFICATIE:	NUME:	SEM NAT:		FAZA: P.T.
	ŞEF PROIECT:	ing. Langa Adrian			Plansa: (5)
	PROIECTAT:	ing. Langa Adrian			
	DESENAT:	ing. Langa Adrian		PLAN DE SITUATIE	
			sc: 1:500 Data: 2018		

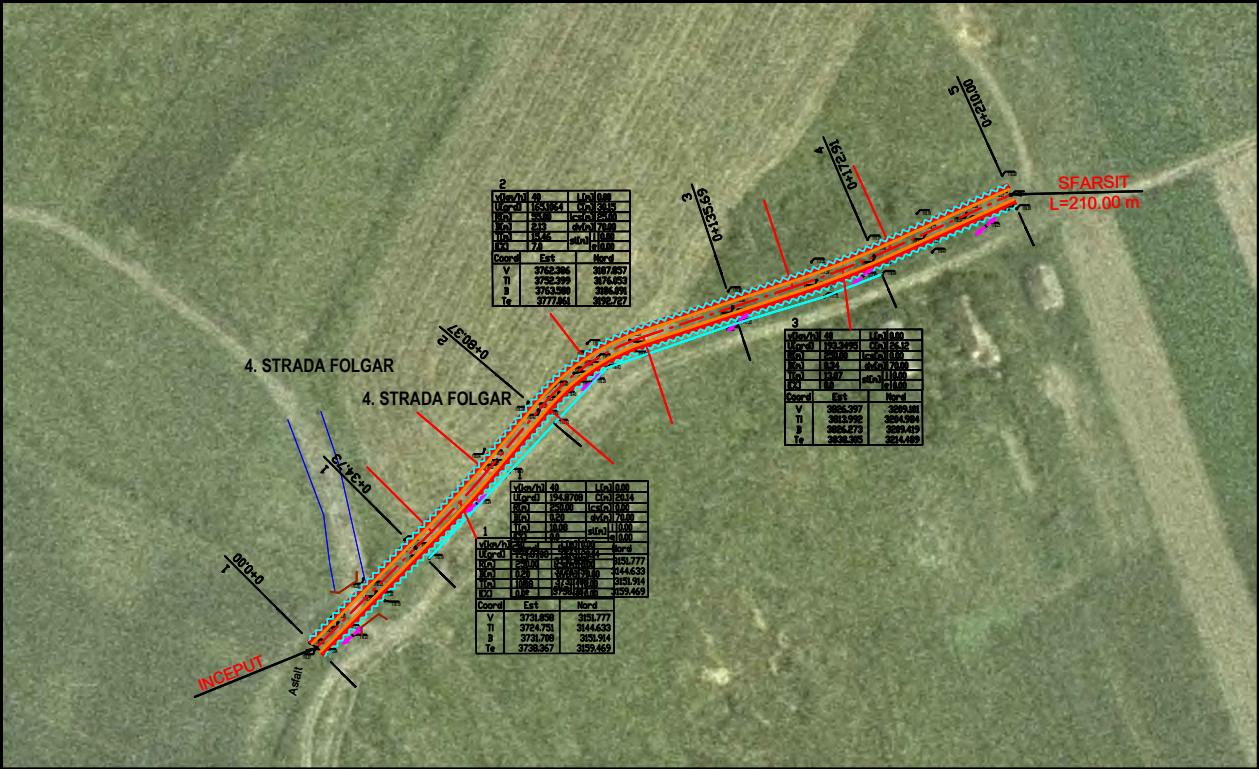
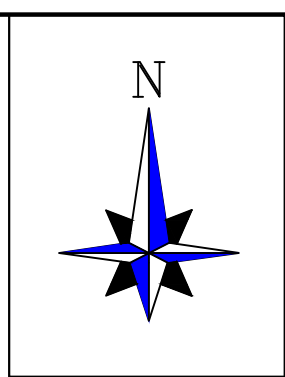


2		
v[km/h]	40	L[m] 0.00
U[grd]	165.1064	C[m] 30.15
R[m]	55.00	lcs[m] 25.00
B[m]	2.13	dv[m] 70.00
T[m]	15.46	sl[m] i 0.00 e 0.00
i[%]	7.0	
Coord	Est	Nord
V	3762.386	3187.857
Ti	3752.399	3176.053
B	3763.580	3186.091
Te	3777.061	3192.727

3		
v[km/h]	40	L[m] 0.00
U[grd]	193.3495	C[m] 26.12
R[m]	250.00	lcs[m] 0.00
B[m]	0.34	dv[m] 70.00
T[m]	13.07	sl[m] i 0.00 e 0.00
i[%]	0.0	
Coord	Est	Nord
V	3826.397	3209.101
Ti	3813.992	3204.984
B	3826.273	3209.419
Te	3838.305	3214.489

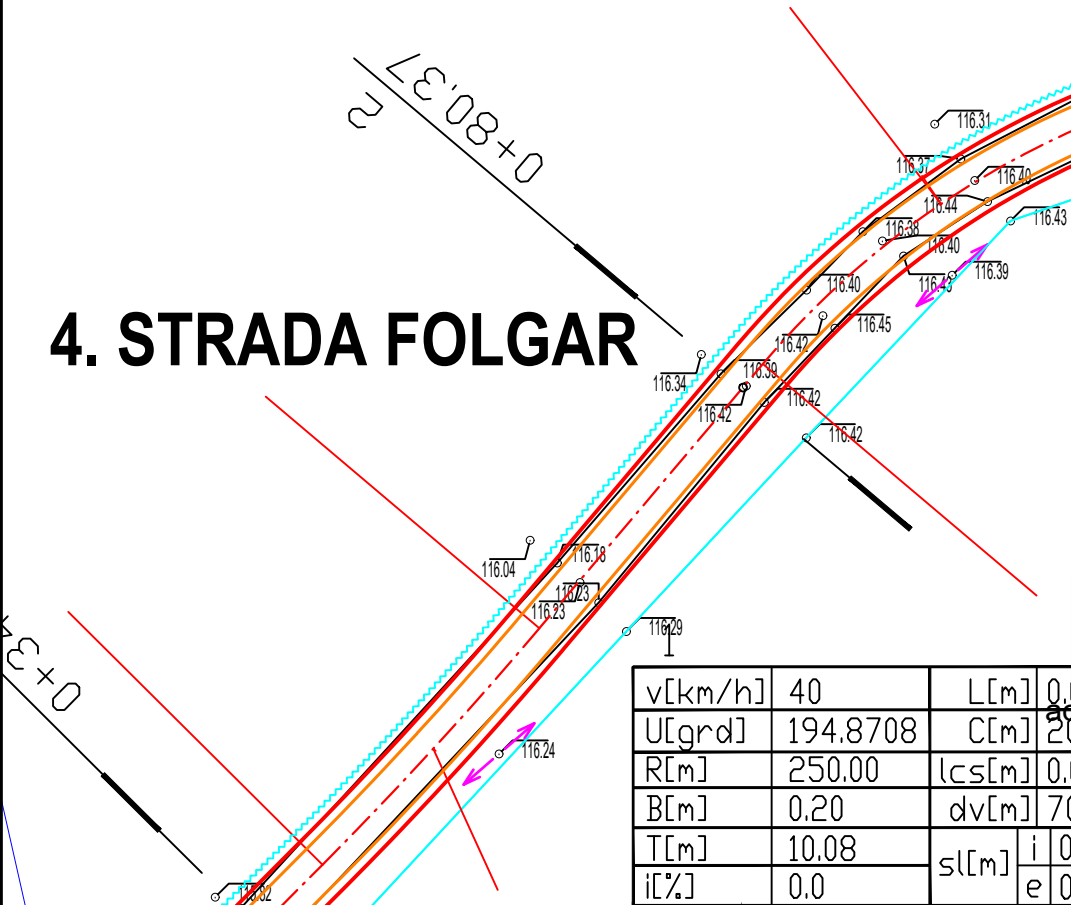
1		
v[km/h]	40	L[m] 0.00
U[grd]	194.8708	C[m] 20.14
R[m]	250.00	lcs[m] 0.00
B[m]	0.20	dv[m] 70.00
T[m]	10.08	sl[m] i 0.00 e 0.00
i[%]	0.0	
Coord	Est	Nord
V	3731.858	3151.777
Ti	3724.751	3144.633
B	3731.708	3151.914
Te	3738.367	3159.469

LEGENDA : carosabil dr. proiectat - acostament dr. proiectat - ax drum proiectat - rigola proiectat - LEA beton -	Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907			Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare" Beneficiar: COMUNA ANDRID	PROIECT: 320D /2018 FAZA: P.T.	
	SPECIFICATIE:	NUME:	SEMNAT:	sc: 1:500	PLAN DE SITUATIE	Plansa: (6)
	ŞEF PROIECT:	ing. Langa Adrian				
	PROIECTAT:	ing. Langa Adrian		Data: 2018		
DESENAT:	ing. Langa Adrian					



2		
v[km/h]	40	L[m] 0.00
U[grd]	165.1064	C[m] 30.15
R[m]	55.00	lcs[m] 25.00
B[m]	2.13	dv[m] 70.00
T[m]	15.46	sl[m] i 0.00 e 0.00
i[%]	7.0	
Coord	Est	Nord
V	3762.386	3187.857
Ti	3752.399	3176.053
B	3763.580	3186.091
Te	3777.061	3192.727

4. STRADA FOLGAR

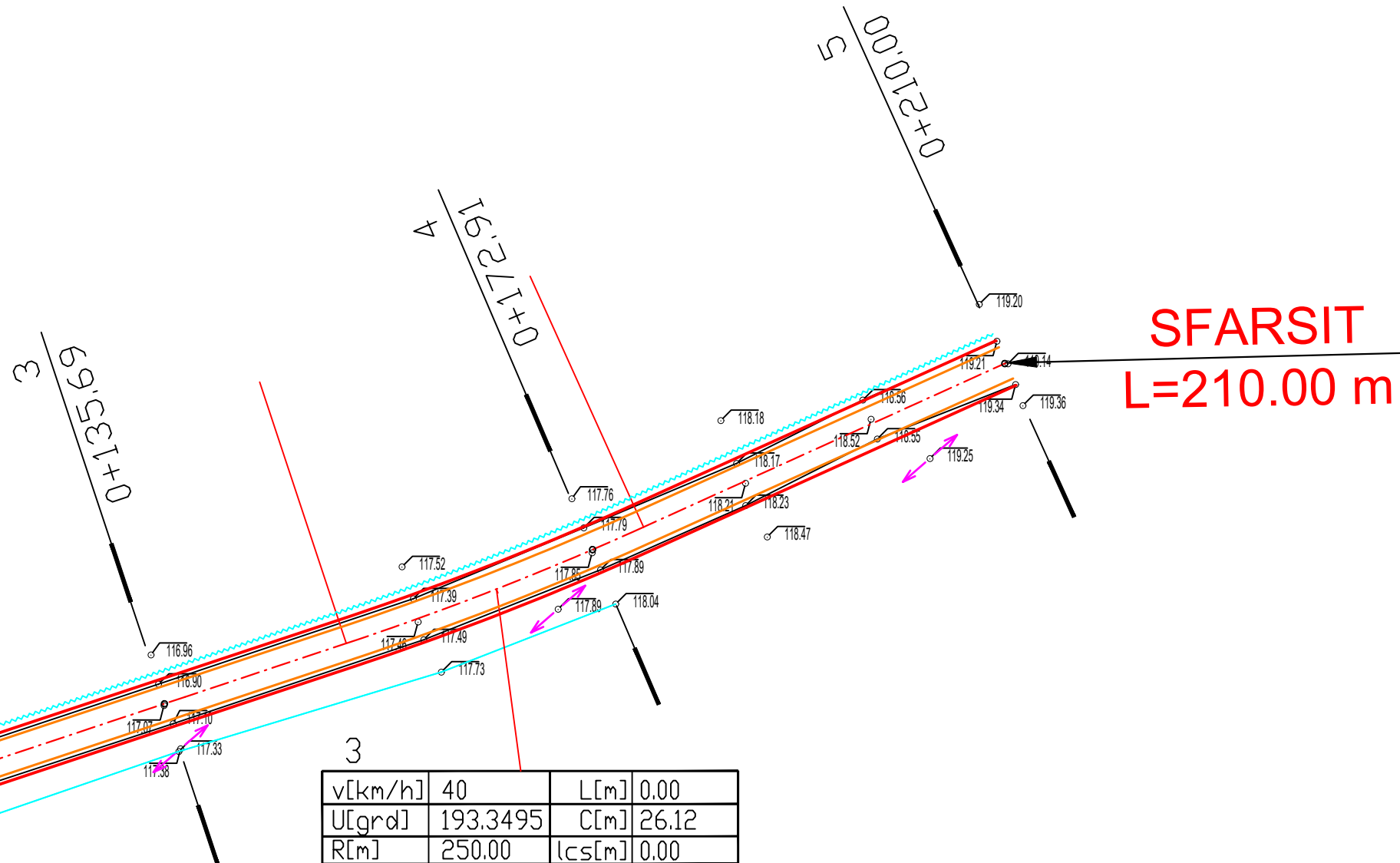


v[km/h]	40	L[m] 0.00
U[grd]	194.8708	C[m] 26.12
R[m]	250.00	lcs[m] 0.00
B[m]	0.20	dv[m] 70.00
T[m]	10.08	sl[m] i 0.00 e 0.00
i[%]	0.0	

LEGENDA :

- carosabil dr. proiectat - —
- acostament dr. proiectat - —
- ax drum proiectat - - - -
- rigola proiectat - ~~~~~
- LEA beton - <-->

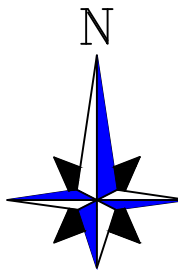
3		
v[km/h]	40	L[m] 0.00
U[grd]	193.3495	C[m] 26.12
R[m]	250.00	lcs[m] 0.00
B[m]	0.34	dv[m] 70.00
T[m]	13.07	sl[m] i 0.00 e 0.00
i[%]	0.0	
Coord	Est	Nord
V	3826.397	3209.101
Ti	3813.992	3204.984
B	3826.273	3209.419
Te	3838.305	3214.489



SFARSIT
L=210.00 m

Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
Beneficiar: COMUNA ANDRID				PLAN DE SITUATIE		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:500			Plansa: (7)
SEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

Ti	4621.078	2205.5
B	4624.162	2211.6
Te	4627.075	2217.9



v[km/h]	40	L[m]	0.00
U[grd]	184.1989	C[m]	24.82
R[m]	100.00	lcs[m]	25.00
B[m]	0.78	dv[m]	70.00
i[%]	12.47	s[m]	i 0.00
e	0.00	e	0.00
Coord	Est	Nord	
V	4595.933	2156.950	
Ti	4592.867	2150.034	
B	4596.936	2156.900	
Te	4593.412	2163.667	

v[km/h]	40	L[m]	0.00
U[grd]	184.1989	C[m]	24.82
R[m]	100.00	lcs[m]	25.00
B[m]	0.78	dv[m]	70.00
i[%]	12.47	s[m]	i 0.00
e	0.00	e	0.00
Coord	Est	Nord	
V	4624.248	2211.628	
Ti	4621.078	2205.507	
B	4624.162	2211.649	
Te	4627.075	2217.914	

v[km/h]	40	L[m]	0.00
U[grd]	184.1989	C[m]	24.82
R[m]	100.00	lcs[m]	25.00
B[m]	0.78	dv[m]	70.00
i[%]	12.47	s[m]	i 0.00
e	0.00	e	0.00
Coord	Est	Nord	
V	4624.248	2211.628	
Ti	4621.078	2205.507	
B	4624.162	2211.649	
Te	4627.075	2217.914	

v[km/h]	40	L[m]	0.00
U[grd]	184.1989	C[m]	24.82
R[m]	100.00	lcs[m]	25.00
B[m]	0.78	dv[m]	70.00
i[%]	12.47	s[m]	i 0.00
e	0.00	e	0.00
Coord	Est	Nord	
V	4574.131	2107.775	
Ti	4566.428	2097.962	
B	4573.466	2108.174	
Te	4579.187	2119.178	

v[km/h]	40	L[m]	0.00
U[grd]	184.1989	C[m]	24.82
R[m]	100.00	lcs[m]	25.00
B[m]	0.78	dv[m]	70.00
i[%]	12.47	s[m]	i 0.00
e	0.00	e	0.00
Coord	Est	Nord	
V	4574.131	2107.775	
Ti	4566.428	2097.962	
B	4573.466	2108.174	
Te	4579.187	2119.178	

5. STRADA CARTIERUL ROMILOR

LEGENDA :

- carosabil dr. proiectat - —
- acostament dr. proiectat - —
- ax drum proiectat - - - -
- rigola proiectat - ~~~~~
- LEA beton - <-->

Proiectant de specialitate:

S.C. LA CONSULT&DEVELOPMENT S.R.L.

Valeni, nr 23, Cluj ,RO 19197907

SPECIFICATIE:	NUME:	SEM NAT:	sc:
ŞEF PROIECT:	ing. Langa Adrian	LA	1:500
PROIECTAT:	ing. Langa Adrian	LA	Data:
DESENAT:	ing. Langa Adrian	LA	2018

Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"

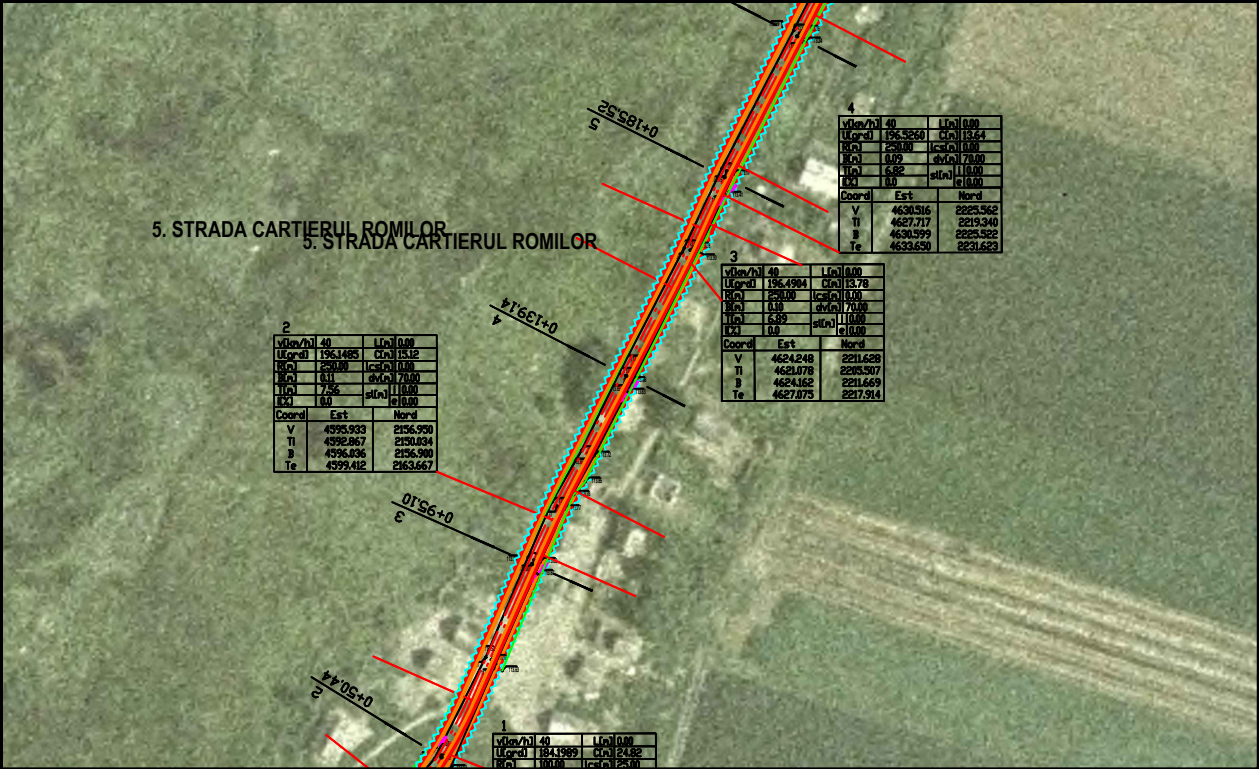
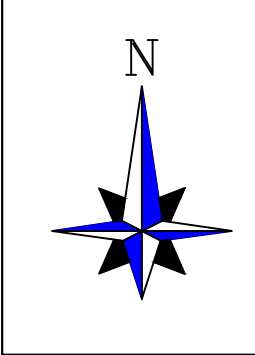
Beneficiar: COMUNA ANDRID

PLAN DE SITUATIE

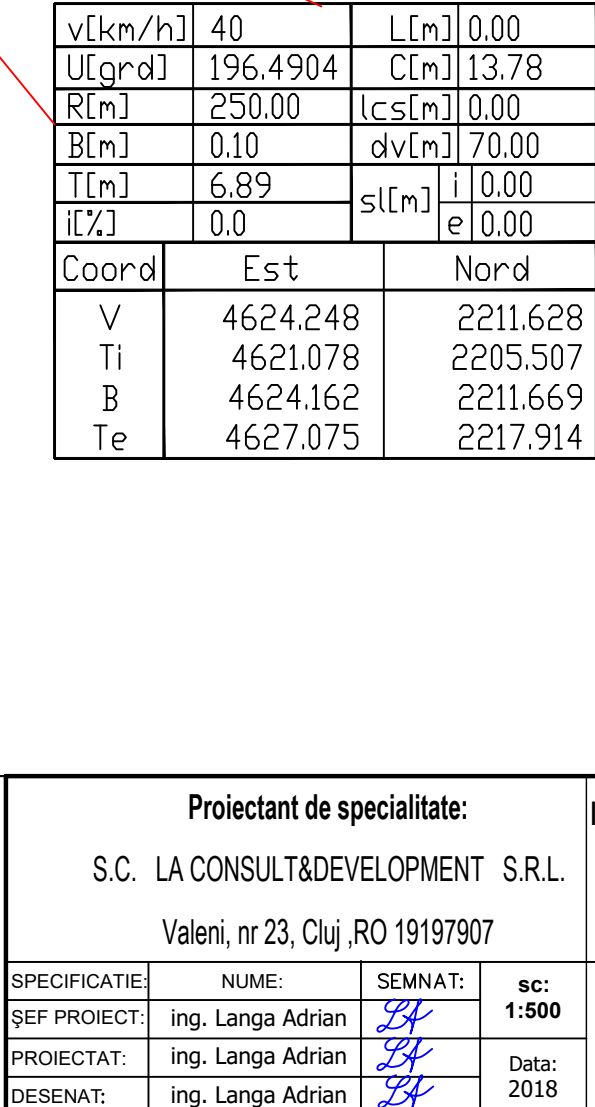
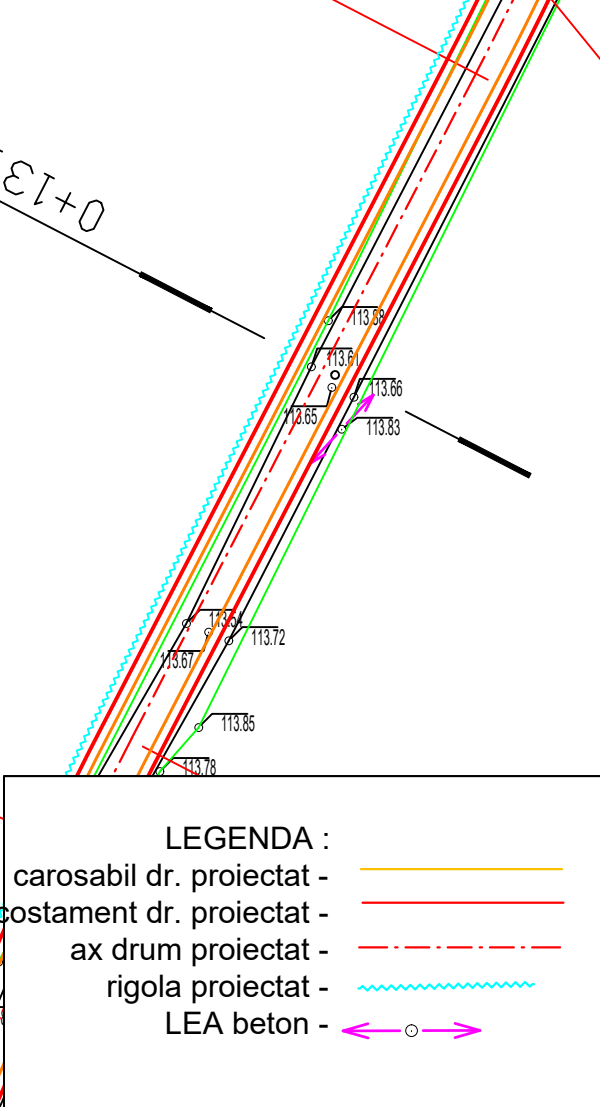
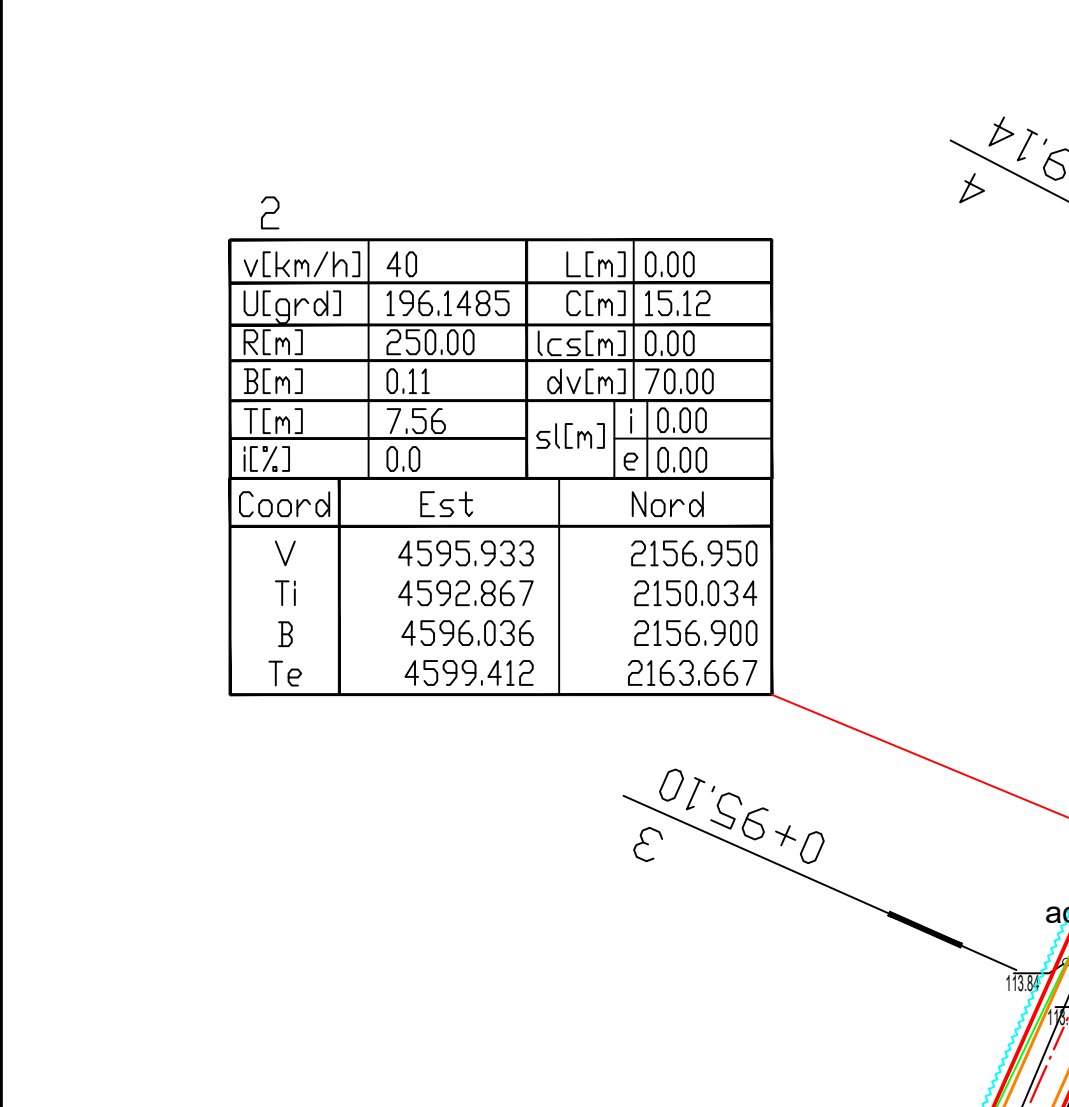
PROIECT: 320D /2018

FAZA: P.T.

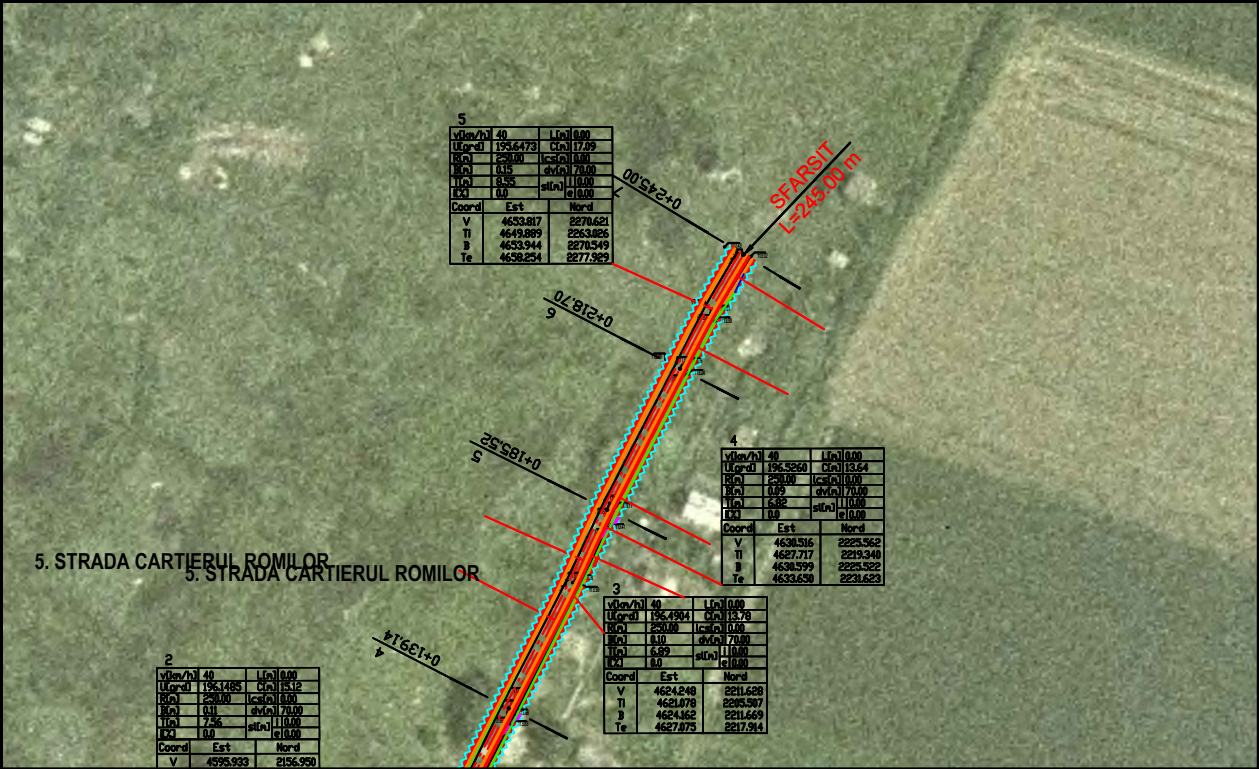
Plansa: (8)



5. STRADA CARTIERUL ROMILOR

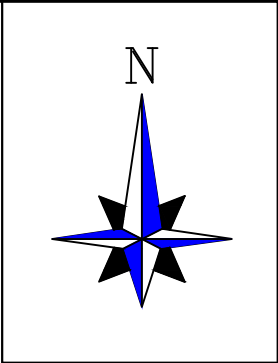


Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907		Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
SPECIFICATIE: NUME: SEMNAT: sc: 1:500		Beneficiar: COMUNA ANDRID		FAZA: P.T.
ŞEF PROIECT: ing. Langa Adrian	PROIECTAT: ing. Langa Adrian	PLAN DE SITUATIE		Plansa: (9)
DESENAT: ing. Langa Adrian	Data: 2018			



5			
v[km/h]	40	L[m]	0.00
U[grd]	195.6473	C[m]	17.09
R[m]	250.00	lcs[m]	0.00
B[m]	0.15	dv[m]	70.00
T[m]	8.55	sl[m]	i 0.00
i[%]	0.0		e 0.00
Coord	Est	Nord	
V	4653.817	2270.621	
Ti	4649.889	2263.026	
B	4653.944	2270.549	
Te	4658.254	2277.929	

SFARSIT
L=245.00 m



0+218.70
6

0+185.52
5

4

v[km/h]	40	L[m]	0.00
U[grd]	196.5260	C[m]	13.64
R[m]	250.00	lcs[m]	0.00
B[m]	0.09	dv[m]	70.00
T[m]	6.82	sl[m]	i 0.00
i[%]	0.0		e 0.00
Coord	Est	Nord	
V	4630.516	2225.562	
Ti	4627.717	2219.340	
B	4630.599	2225.522	
Te	4633.650	2231.623	

3			
v[km/h]	40	L[m]	0.00
U[grd]	196.4904	C[m]	13.78
R[m]	250.00	lcs[m]	0.00
B[m]	0.10	dv[m]	70.00
T[m]	6.89	sl[m]	i 0.00
i[%]	0.0		e 0.00

5. STRADA CARTIERUL ROMILOR

2

v[km/h]	40	L[m]	0.00
U[grd]	196.1485	C[m]	15.12
R[m]	250.00	lcs[m]	0.00
B[m]	0.11	dv[m]	70.00
T[m]	7.56	sl[m]	i 0.00
i[%]	0.0		e 0.00
Coord	Est	Nord	
V	4595.933	2156.950	

LEGENDA :
carosabil dr. proiectat - ———
acostament dr. proiectat - ———
ax drum proiectat - - - - -
rigola proiectat - ~~~~~
LEA beton - <--o-->

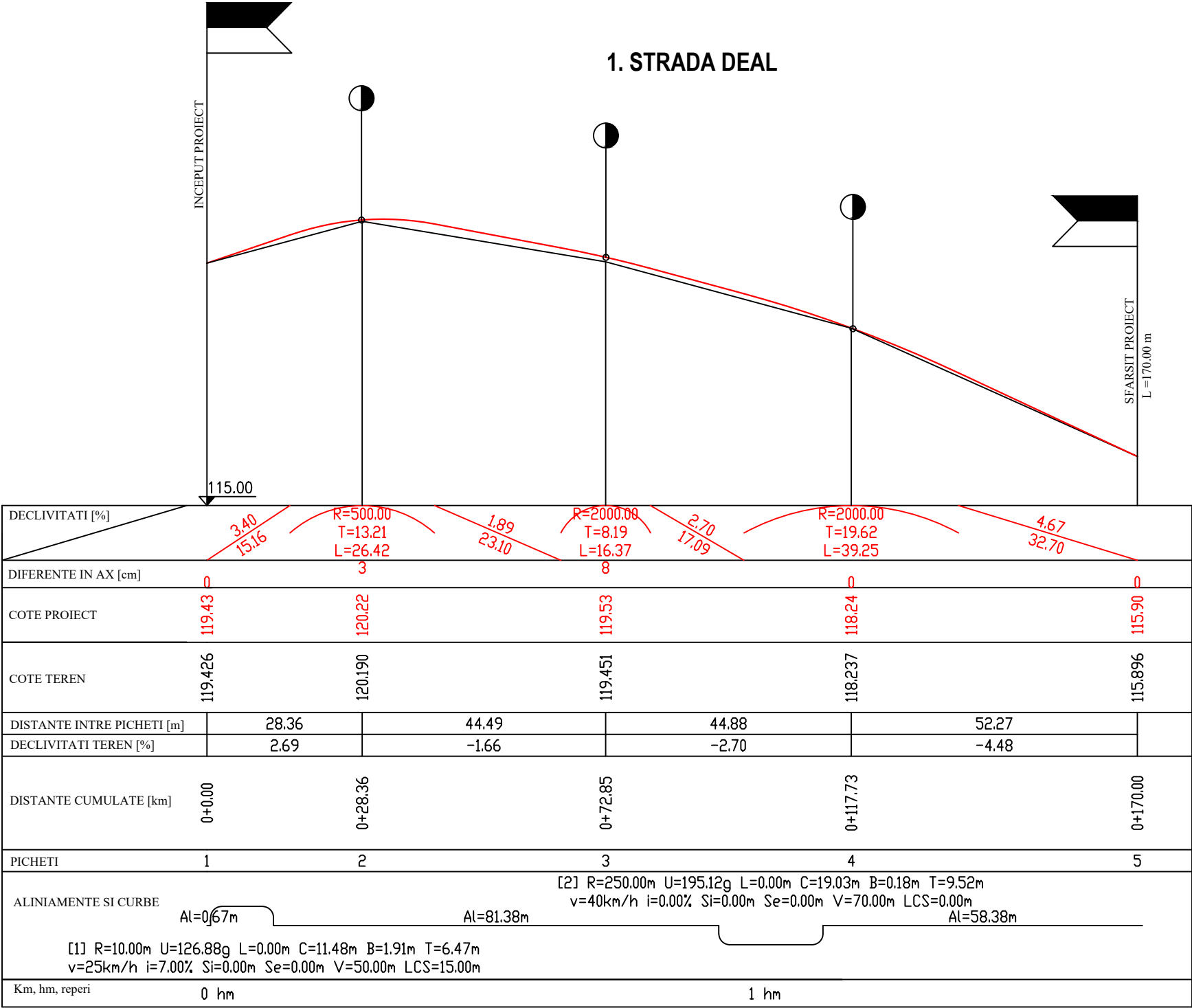
Proiectant de specialitate:
S.C. LA CONSULT&DEVELOPMENT S.R.L.
Valeni, nr 23, Cluj, RO 19197907

SPECIFICATIE:	NUME:	SEM NAT:	sc:
ŞEF PROIECT:	ing. Langa Adrian		1:500
PROIECTAT:	ing. Langa Adrian		Data:
DESENAT:	ing. Langa Adrian		2018

Investitia: "Modernizare strazile Deal , Pirului si
Belsugului in Andrid, Foglar si Cartierul Romilor in
Dindesti in comuna Andrid Judetul Satu Mare"
Beneficiar: COMUNA ANDRID

PLAN DE SITUATIE

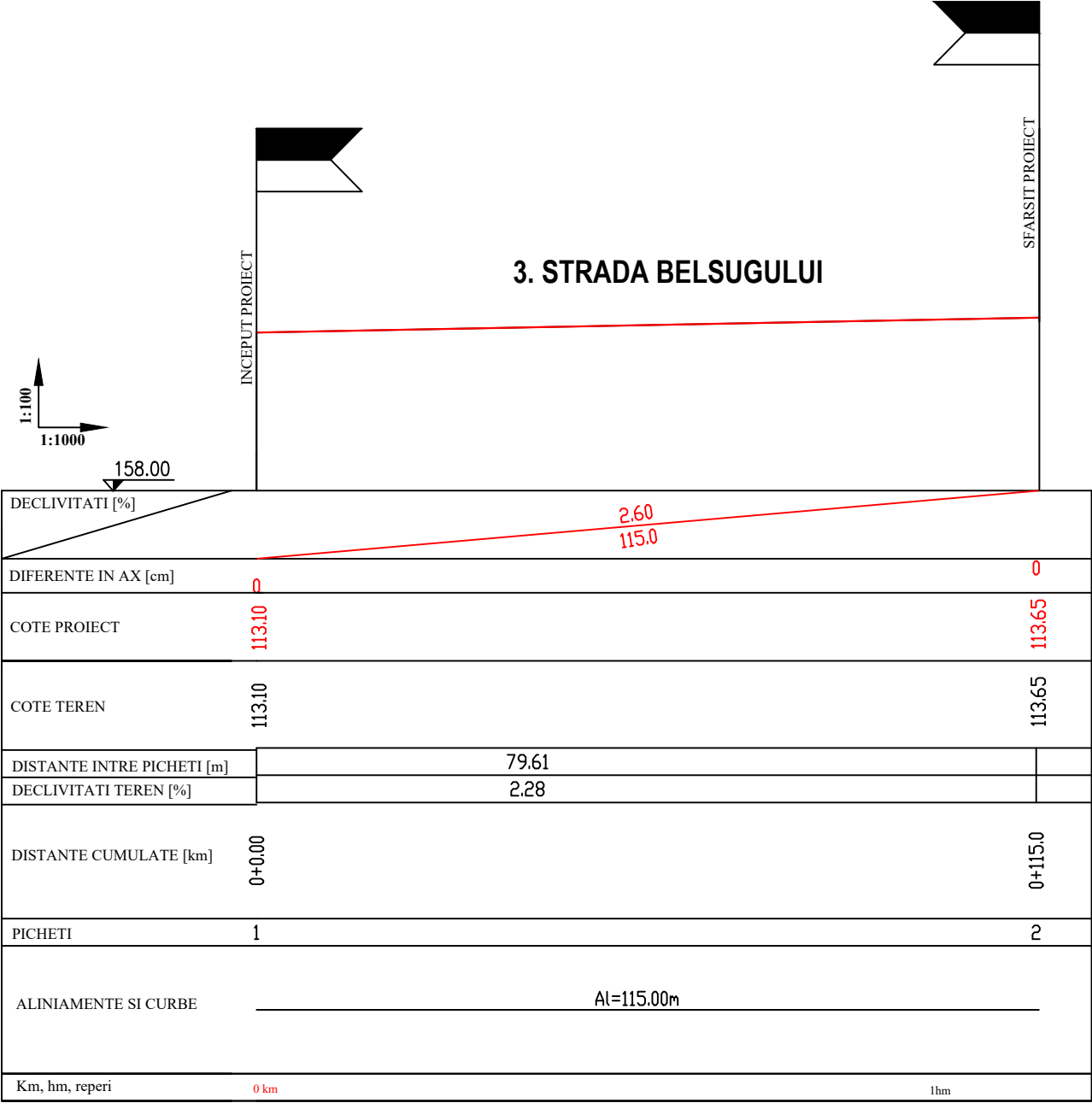
PROIECT:
320D
/2018
FAZA:
P.T.
Plansa:
(10)



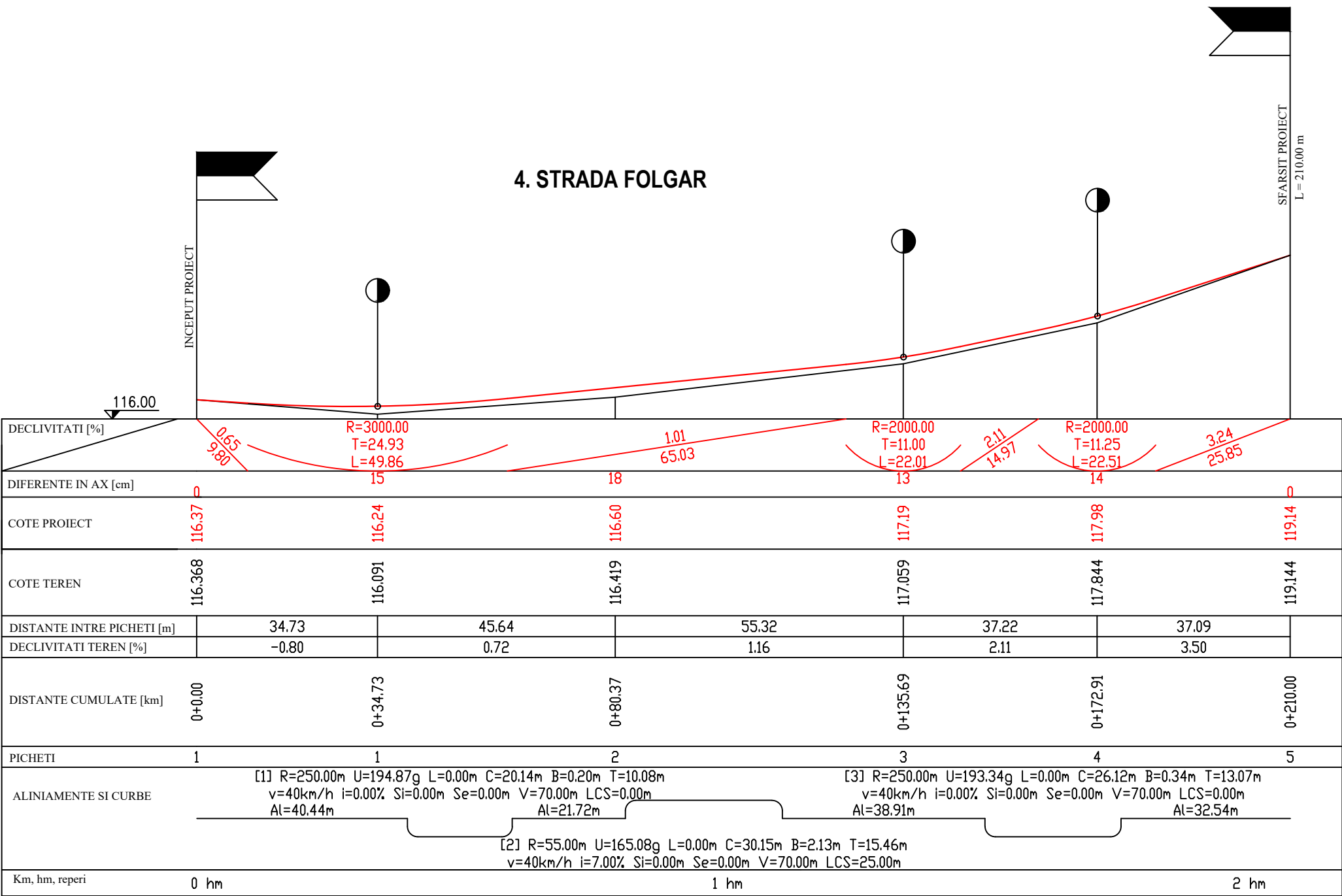
Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj, RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	SC: 1:1000/ 1:100	PROFIL LONGITUDINAL		Plansa: (11)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

DECLIVITATI [%]	0.16 79.74		0.23 35.04		R=2000.00 T=11.51 L=23.02		0.92 27.13	
DIFERENTE IN AX [cm]	0	12	10	8	7			0
COTE PROIECT	111.57	111.62	111.70	111.76	111.77			111.45
COTE TEREN	111.568	111.499	111.595	111.680	111.702			111.446
DISTANTE INTRE PICHETI [m]	30.14		49.60		28.77		17.78	
DECLIVITATI TEREN [%]	-0.23		0.19		0.30		0.12	
DISTANTE CUMULATE [km]	0+0.07	0+30.21	0+79.81	0+108.58	0+126.36			0+165.00
PICHETI	1	2	3	4	5			6
ALINIAMENTE SI CURBE	[2] R=250.00m U=197.10g L=0.00m C=11.46m B=0.07m T=5.73m [3] R=15.00m U=121.79g L=0.00m C=18.43m B=3.36m T=10.58m v=40km/h i=0.00% Si=0.00m Se=0.00m V=70.00m LCS=0.00m v=20km/h i=7.00% Si=0.00m Se=0.00m V=50.00m LCS=15.00m Al=0.00m Al=13.34m Al=64.40m Al=29.98m Al=3.12m [1] R=10.00m U=125.92g L=0.00m C=11.64m B=1.97m T=6.58m [4] R=250.00m U=196.40g L=0.00m C=14.12m B=0.10m T=7.06m v=40km/h i=7.00% Si=0.00m Se=0.00m V=70.00m LCS=25.00m v=40km/h i=0.00% Si=0.00m Se=0.00m V=70.00m LCS=0.00m							
Km, hm, reperi	0 hm				1 hm			

Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907			Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare" Beneficiar: COMUNA ANDRID		PROIECT: 320D /2018
					FAZA: P.T.
SPECIFICATIE:	NUME:	SEMNAȚ:	SC: 1:1000/ 1:100 Data: 2018	PROFIL LONGITUDINAL	
ȘEF PROIECT:	ing. Langa Adrian	<i>LA</i>			
PROIECTAT:	ing. Langa Adrian	<i>LA</i>			
DESENAT:	ing. Langa Adrian	<i>LA</i>			
					Plansa: (12)



Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	SC: 1:1000/ 1:100	PROFIL LONGITUDINAL		Plansa: (13)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					



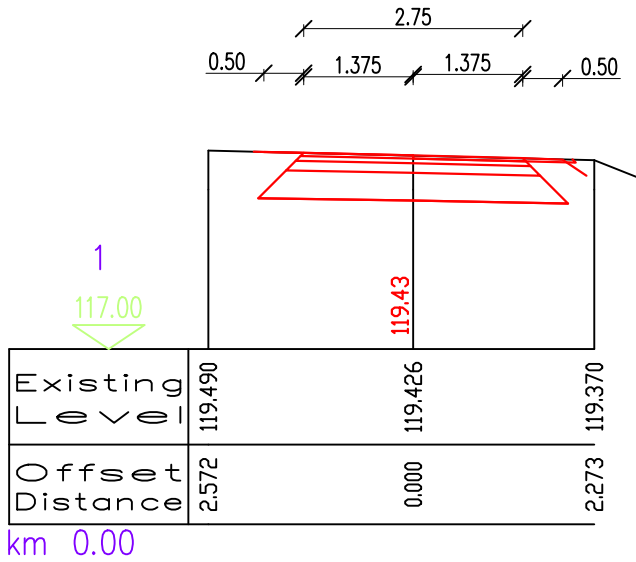
Proiectant de specialitate:				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
S.C. LA CONSULT&DEVELOPMENT S.R.L.				Beneficiar: COMUNA ANDRID		FAZA: P.T.
Valeni, nr 23, Cluj ,RO 19197907				PROFIL LONGITUDINAL		Plansa: (14)
SPECIFICATIE:	NUME:	SEM NAT:	SC: 1:1000/ 1:100			
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

DECLIVITATI [%]		0.95 37.32	R=1000.00 T=13.12 L=26.25	1.68 7.59	R=2000.00 T=23.95 L=47.89	0.72 66.47		0.49 60.45	
DIFERENTE IN AX [cm]		0	14		-4	-7		10	4
COTE PROIECT		113.63	113.24		113.76	113.58		113.25	113.09
COTE TEREN		113.627	113.100		113.800	113.646		113.153	113.046
DISTANTE INTRE PICHETI [m]			50.44		44.66		44.04		46.38
DECLIVITATI TEREN [%]			-1.04		1.57		-0.35		-1.06
DISTANTE CUMULATE [km]		0+0.00	0+50.44		0+95.10		0+139.14		0+185.52
PICHETI		1	2		3		4		5
ALINIAMENTE SI CURBE		[1] R=100.00m U=184.17g L=0.00m C=24.82m B=0.78m T=12.47m v=40km/h i=4.50% Si=0.00m Se=0.00m V=70.00m LCS=25.00m Al=39.18m				[3] R=250.00m U=196.46g L=0.00m C=13.78m B=0.10m T=6.89m v=40km/h i=0.00% Si=0.00m Se=0.00m V=70.00m LCS=0.00m Al=47.12m			[5] R=250.00m U=195.63g L=0.00m C=17.09m B=0.15m T=8.55m v=40km/h i=0.00% Si=0.00m Se=0.00m V=70.00m LCS=0.00m
				[2] R=250.00m U=196.14g L=0.00m C=15.12m B=0.11m T=7.57m v=40km/h i=0.00% Si=0.00m Se=0.00m V=70.00m LCS=0.00m		[4] R=250.00m U=196.52g L=0.00m C=13.64m B=0.09m T=6.82m v=40km/h i=0.00% Si=0.00m Se=0.00m V=70.00m LCS=0.00m			
Km, hm, reperi		0 hm	1 hm				2 hm		

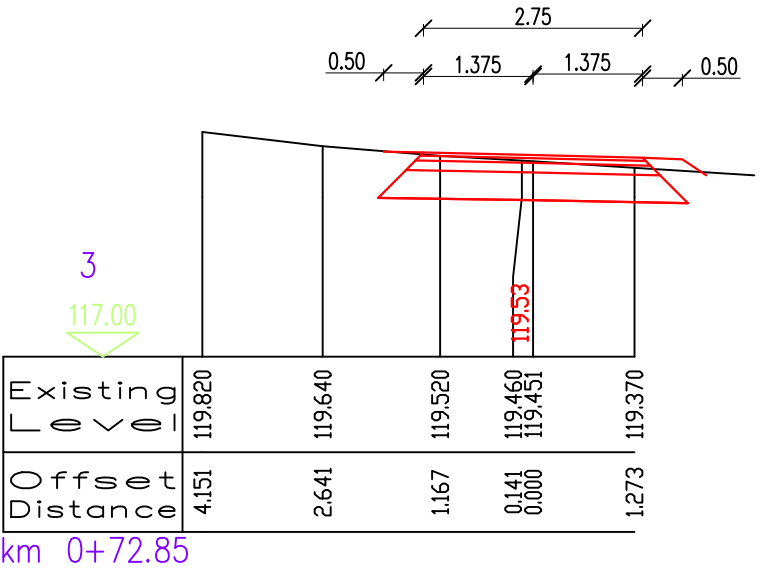
Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907			Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
			Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEMNAȚ:	SC: 1:1000/ 1:100 PROFIL LONGITUDINAL	Data: 2018	Plansa: (15)
ȘEF PROIECT:	ing. Langa Adrian	<i>LA</i>			
PROIECTAT:	ing. Langa Adrian	<i>LA</i>			
DESENAT:	ing. Langa Adrian	<i>LA</i>			

1. STRADA DEAL

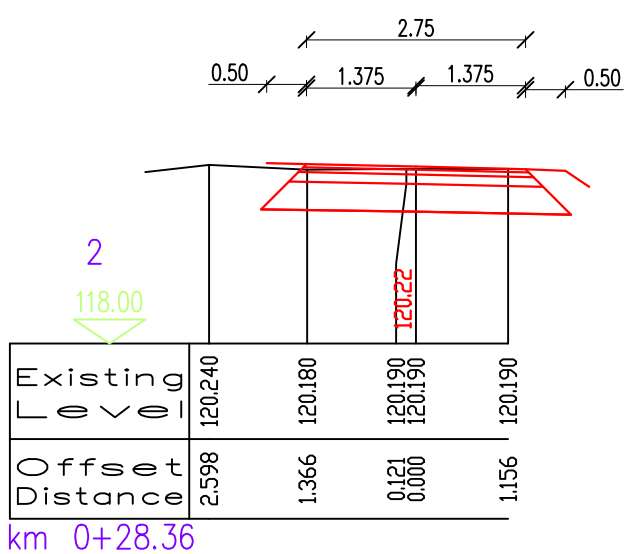
1 0.00
Typical Section CAROSABIL, CAROSABIL
Gradient [%] -2.28, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] -2.28, 4.00
BA 16 [MP] 0.162
BAD 22,4 [MP] 0.248
PIATRA SPARTA [MP] 0.644
BALAST [MP] 1.942



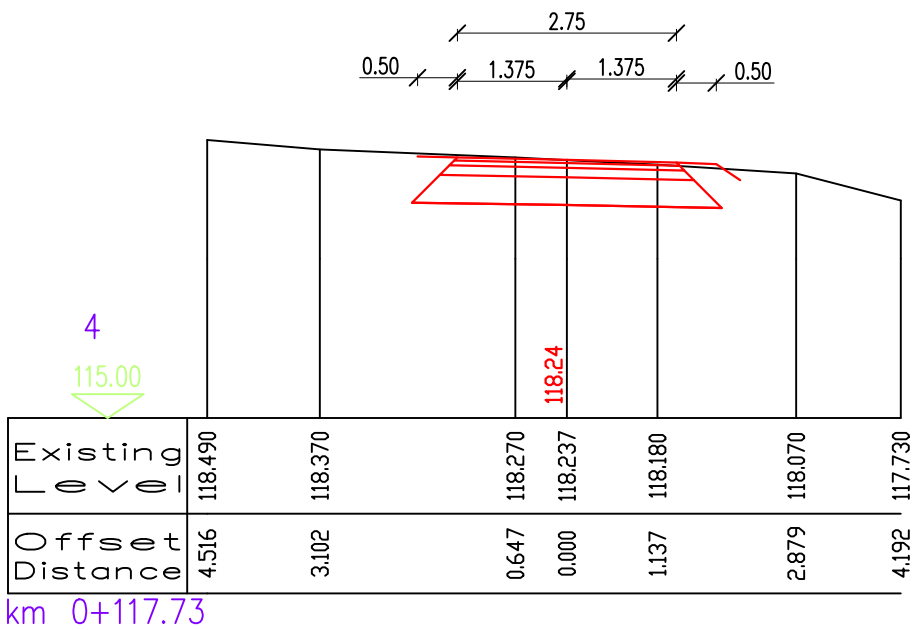
3 0+72.85
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



2 0+28.36
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



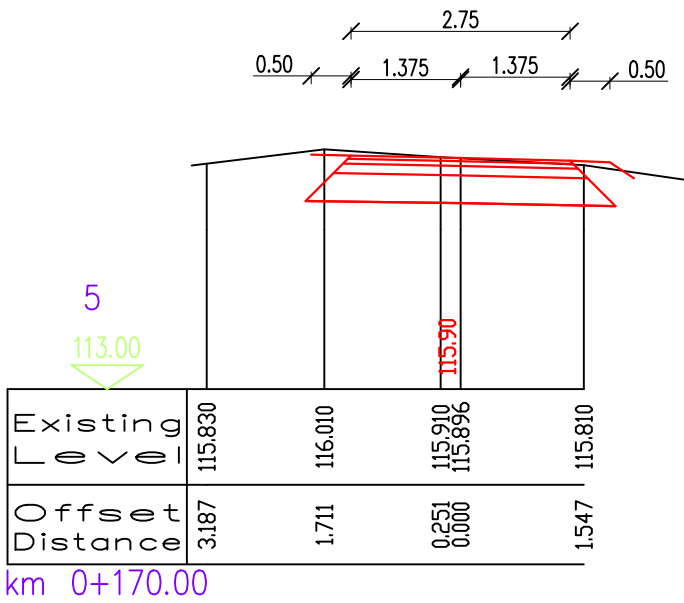
4 0+117.73
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100	PROFILE TRANSVERSALE		Plansa: (16)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

1. STRADA DEAL

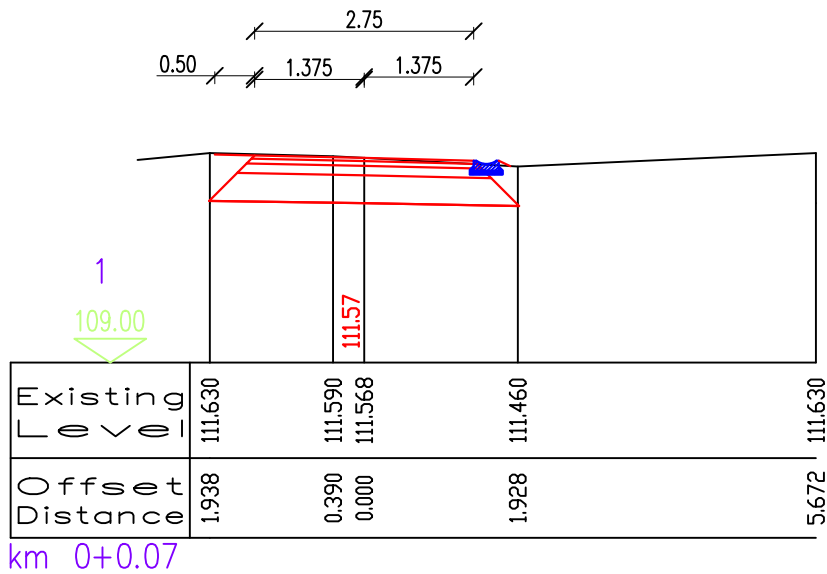
5 0+170.00
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



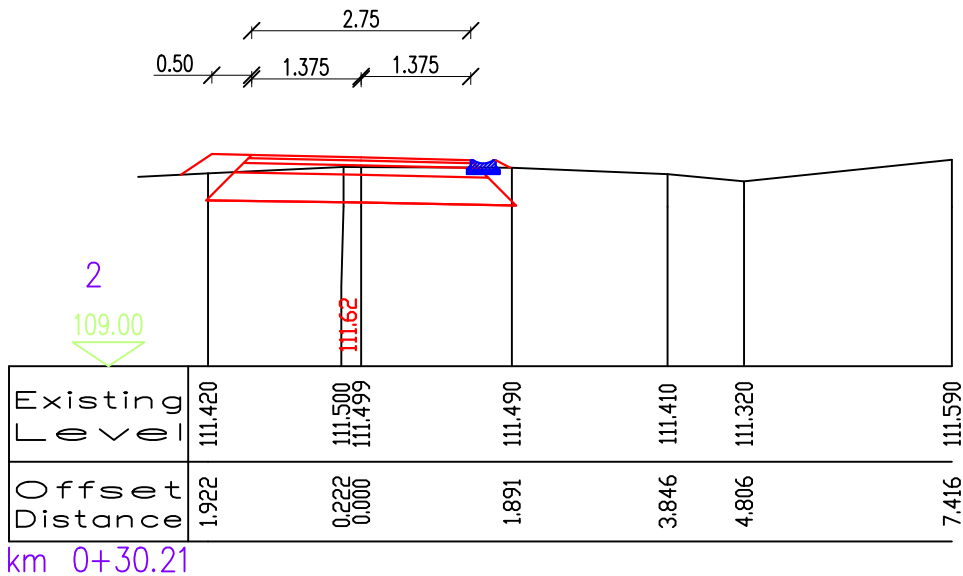
Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100	PROFILE TRANSVERSALE		Plansa: (17)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

2. STRADA PIRULUI

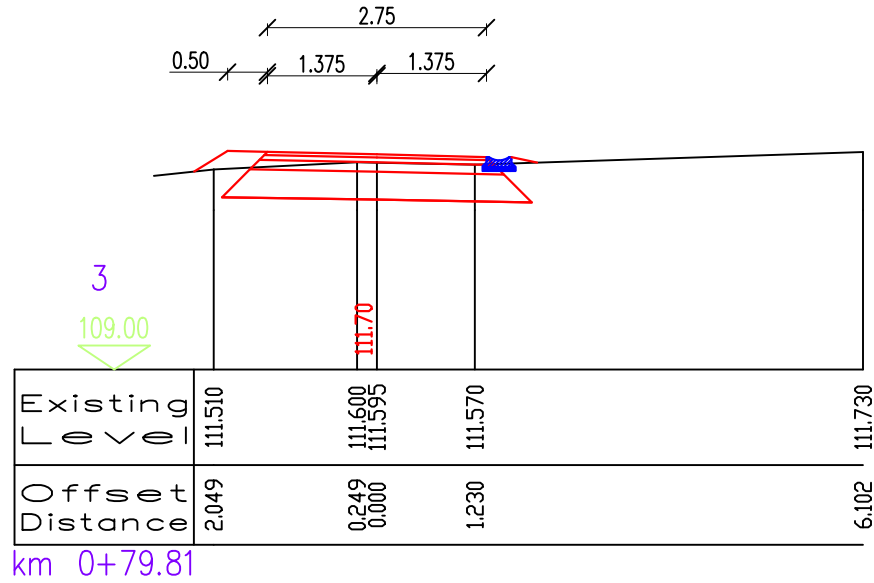
1 0+0.07
Typical Section CAROSABIL, CAROSABIL
Gradient [%] -7.00, 7.00
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] -7.00, 7.00
BA 16 [MP] 0.162
BAD 22,4 [MP] 0.248
PIATRA SPARTA [MP] 0.644
BALAST [MP] 1.943



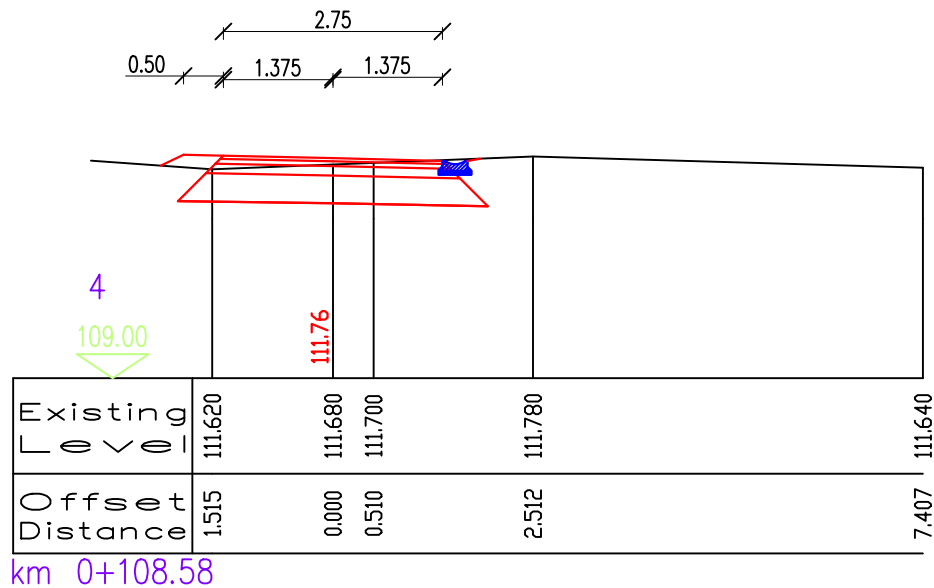
2 0+30.21
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 1.21, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.246
PIATRA SPARTA [MP] 0.638
BALAST [MP] 1.925



3 0+79.81
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



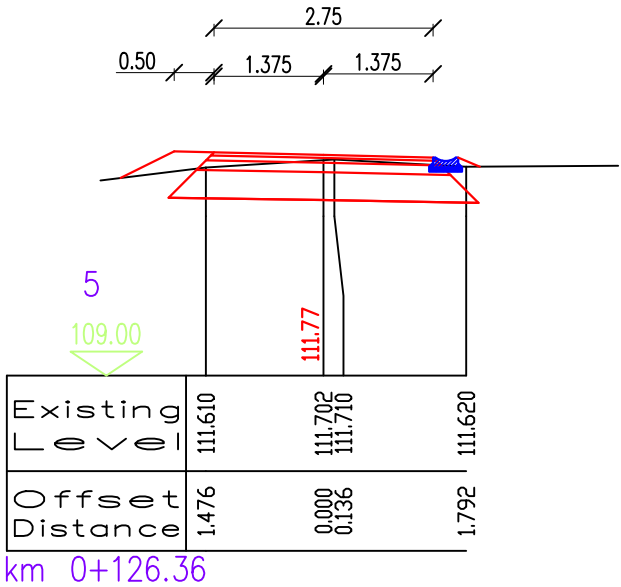
4 0+108.58
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 7.00, -7.00
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 7.00, -7.00
BA 16 [MP] 0.162
BAD 22,4 [MP] 0.248
PIATRA SPARTA [MP] 0.644
BALAST [MP] 1.943



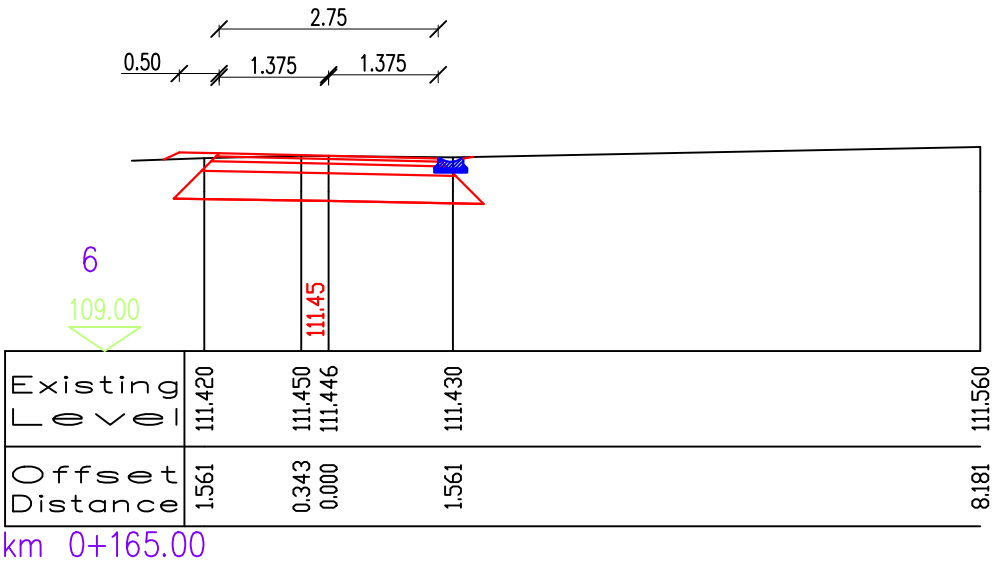
Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100	PROFILE TRANSVERSALE		Plansa: (18)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

2. STRADA PIRULUI

5 0+126.36
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 4.87, -2.51
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.87, -2.51
BA 16 [MP] 0.161
BAD 22,4 [MP] 0.247
PIATRA SPARTA [MP] 0.640
BALAST [MP] 1.932



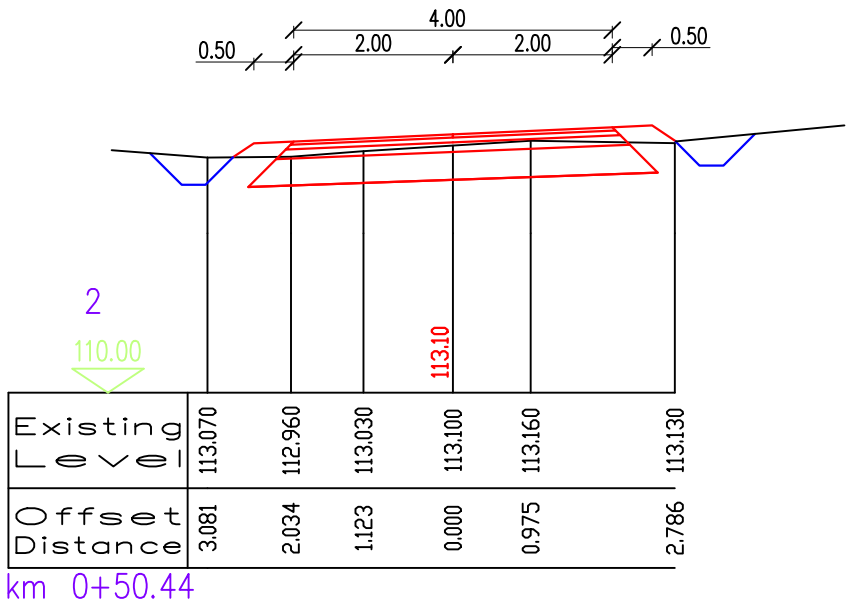
6 0+165.00
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



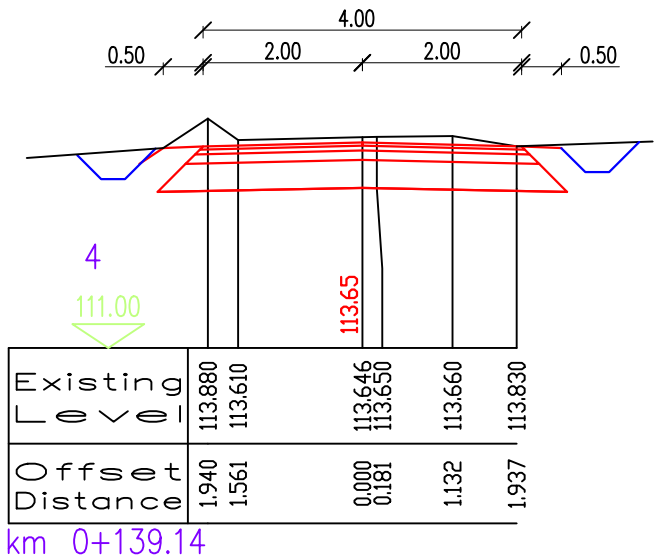
Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100	PROFILE TRANSVERSALE		Plansa: (19)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

3. STRADA BELSUGULUI

1 0+000.0
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 4.50, -4.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.50, -4.50
BA 16 [MP] 0.162
BAD 22,4 [MP] 0.248
PIATRA SPARTA [MP] 0.644
BALAST [MP] 1.943



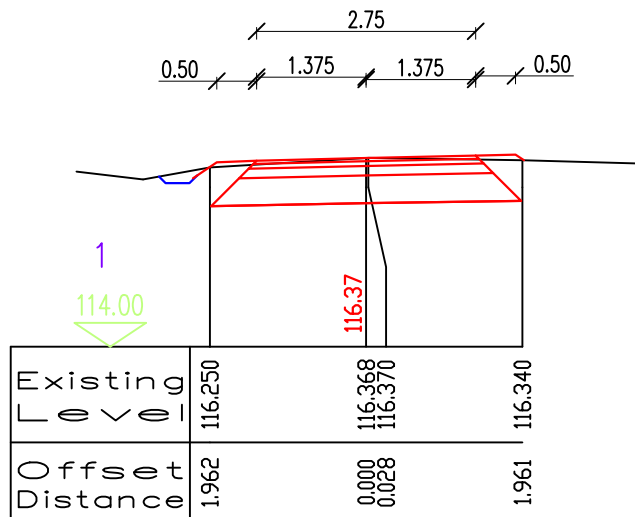
2 0+115.0
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
Beneficiar: COMUNA ANDRID				PROFILE TRANSVERSALE		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100			Plansa: (20)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

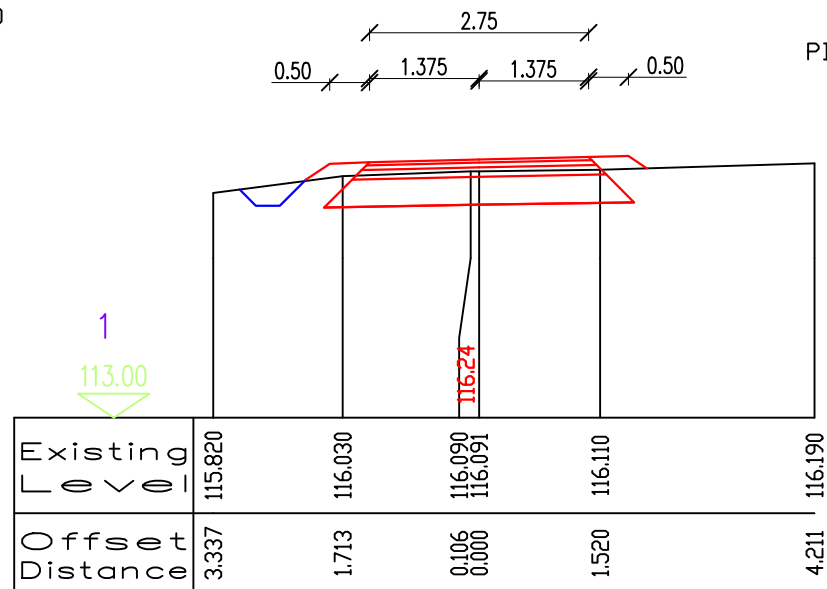
4. STRADA FOLGAR

1 0.00
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



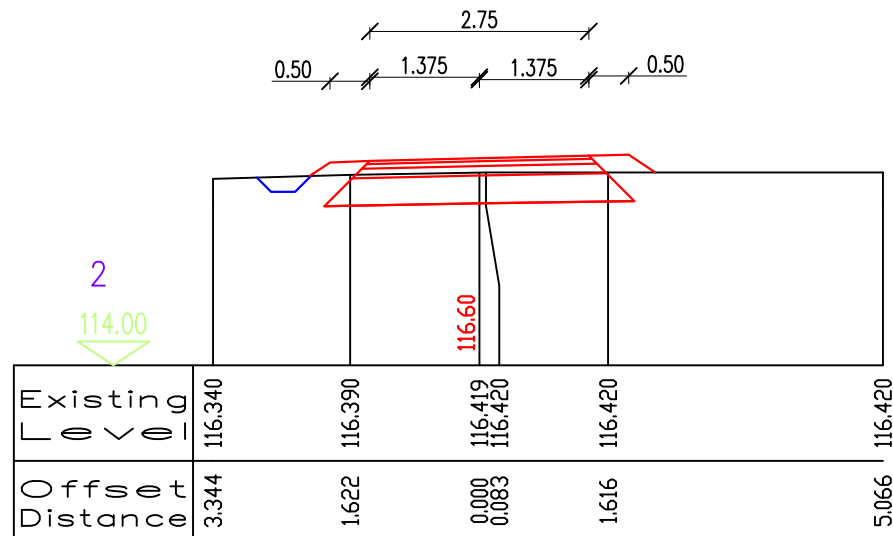
km 0.00

1 0+34.73
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



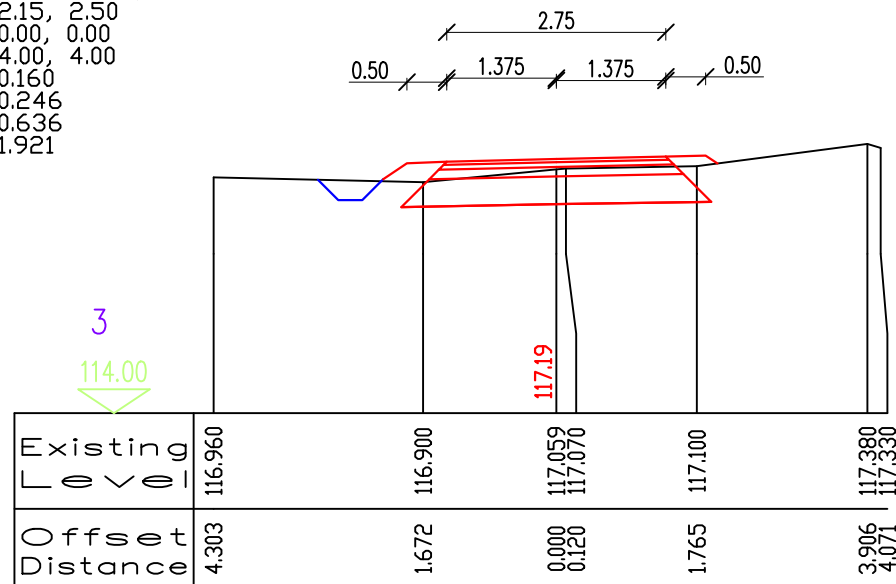
km 0+34.73

2 0+80.37
Typical Section CAROSABIL, CAROSABIL
Gradient [%] -2.11, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] -2.11, 4.00
BA 16 [MP] 0.161
BAD 22,4 [MP] 0.248
PIATRA SPARTA [MP] 0.644
BALAST [MP] 1.941



km 0+80.37

3 0+135.69
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.15, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.246
PIATRA SPARTA [MP] 0.636
BALAST [MP] 1.921

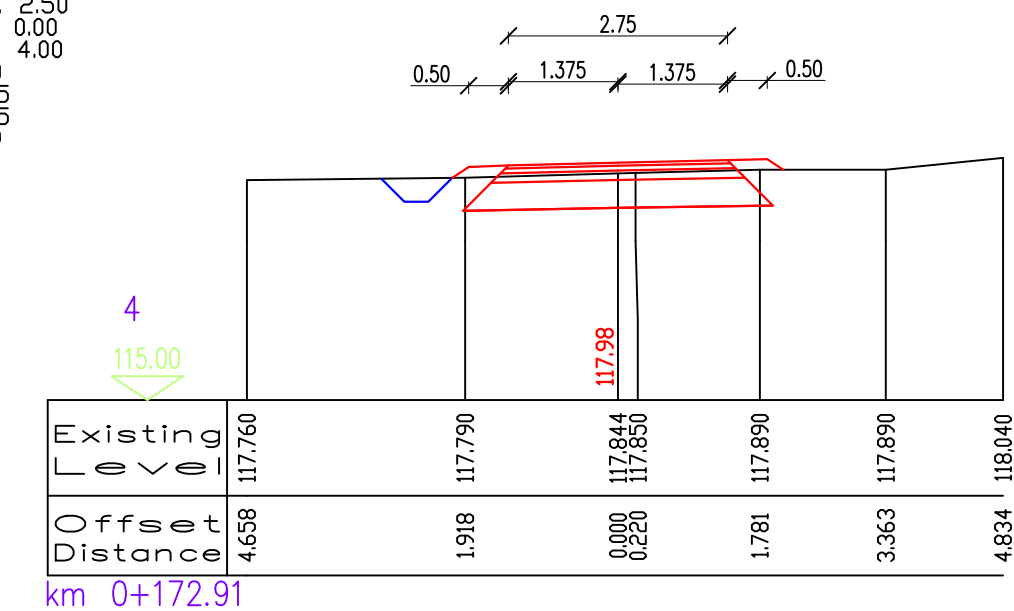


km 0+135.69

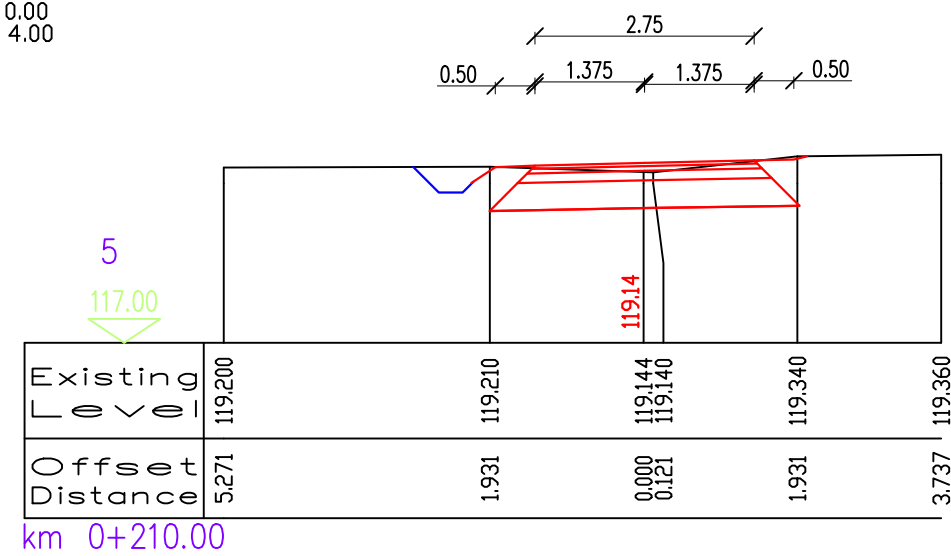
Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100	PROFILE TRANSVERSALE		Plansa: (21)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

4. STRADA FOLGAR

4 0+172.91
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



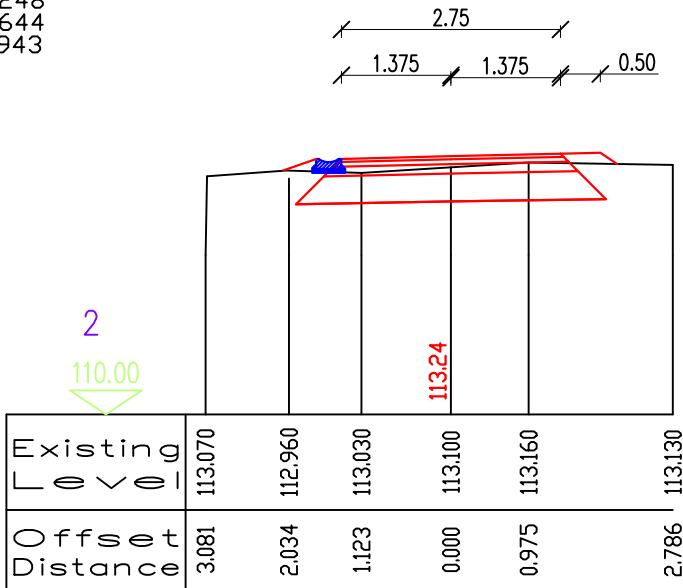
5 0+210.00
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj ,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100	PROFILE TRANSVERSALE		Plansa: (22)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian					
DESENAT:	ing. Langa Adrian		Data: 2018			

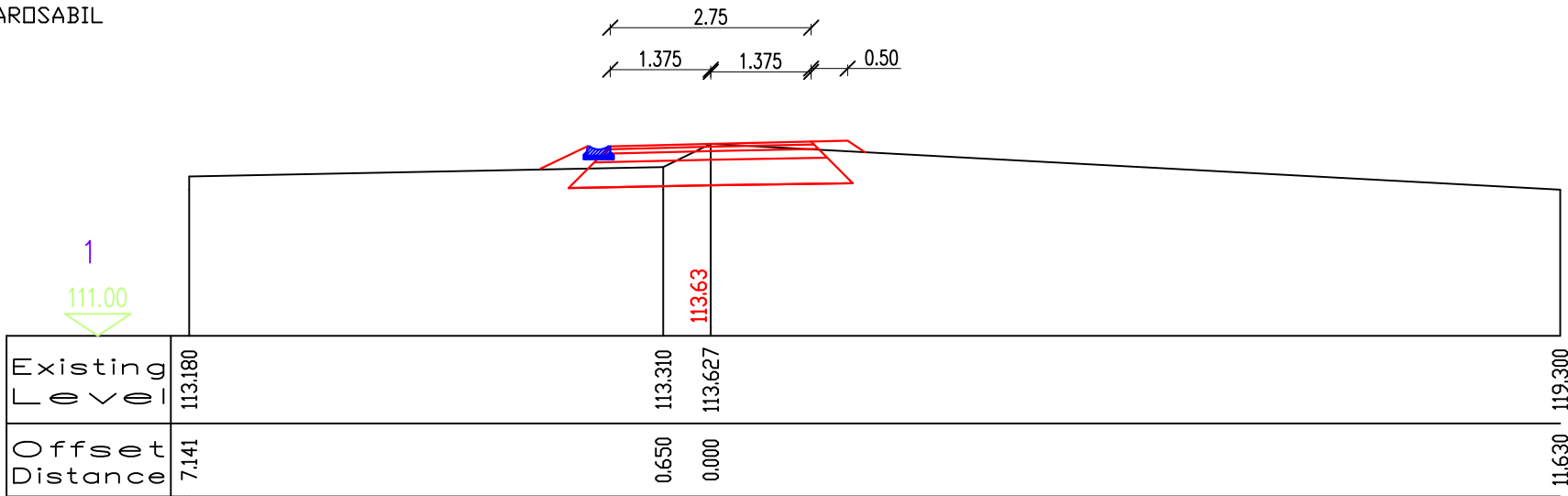
5. STRADA CARTIERUL ROMILOR

Typical Section 2 0+50.44
CAROSABIL, CAROSABIL
Gradient [%] 4.50, -4.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.50, -4.50
BA 16 [MP] 0.162
BAD 22,4 [MP] 0.248
PIATRA SPARTA [MP] 0.644
BALAST [MP] 1.943



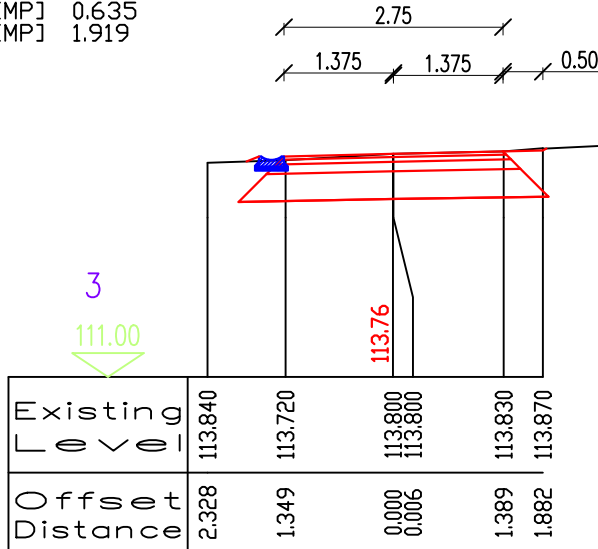
km 0+50.44

Typical Section 1 0.00
CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



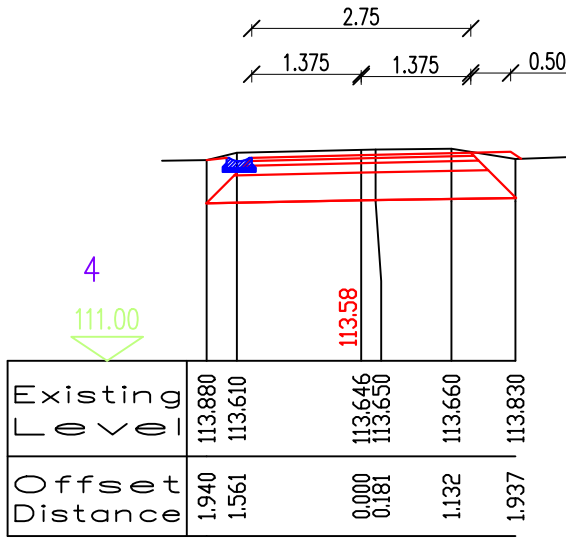
km 0.00

Typical Section 3 0+95.10
CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



km 0+95.10

Typical Section 4 0+139.14
CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919

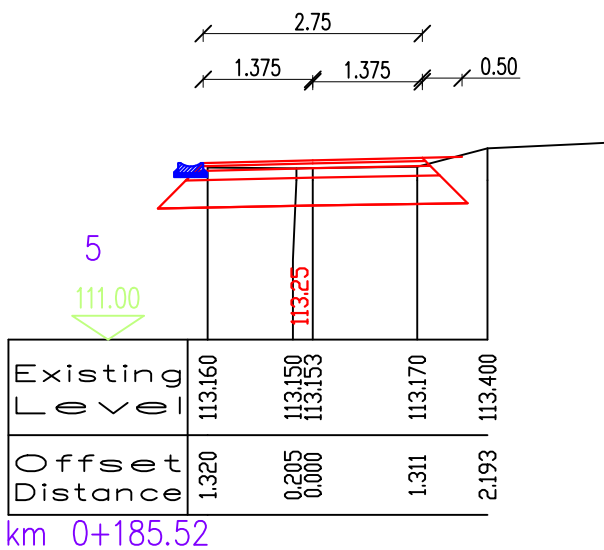


km 0+139.14

Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj, RO 19197907				Investitia: "Modernizare strazile Deal, Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEMNA:	sc: 1:100	PROFILE TRANSVERSALE		Plansa: (23)
SEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian					
DESENAT:	ing. Langa Adrian					

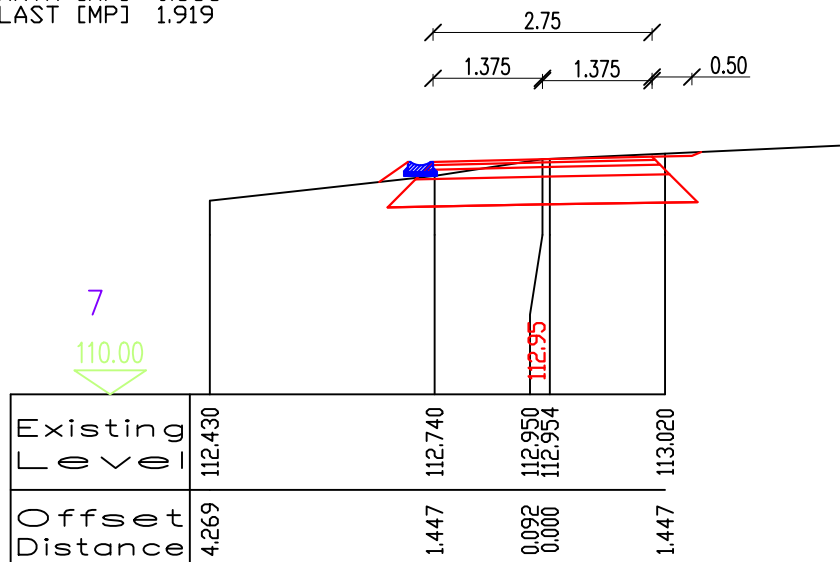
5. STRADA CARTIERUL ROMILOR

5 0+185.52
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



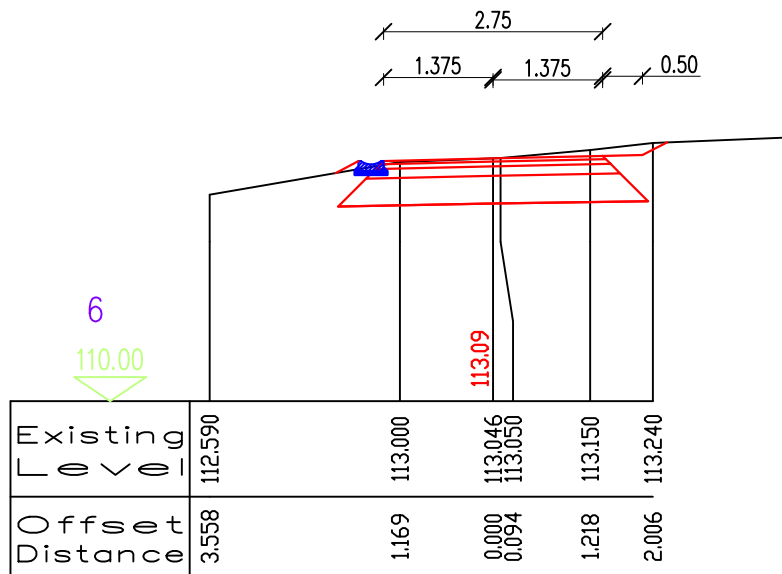
km 0+185.52

7 0+245.00
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



km 0+245.00

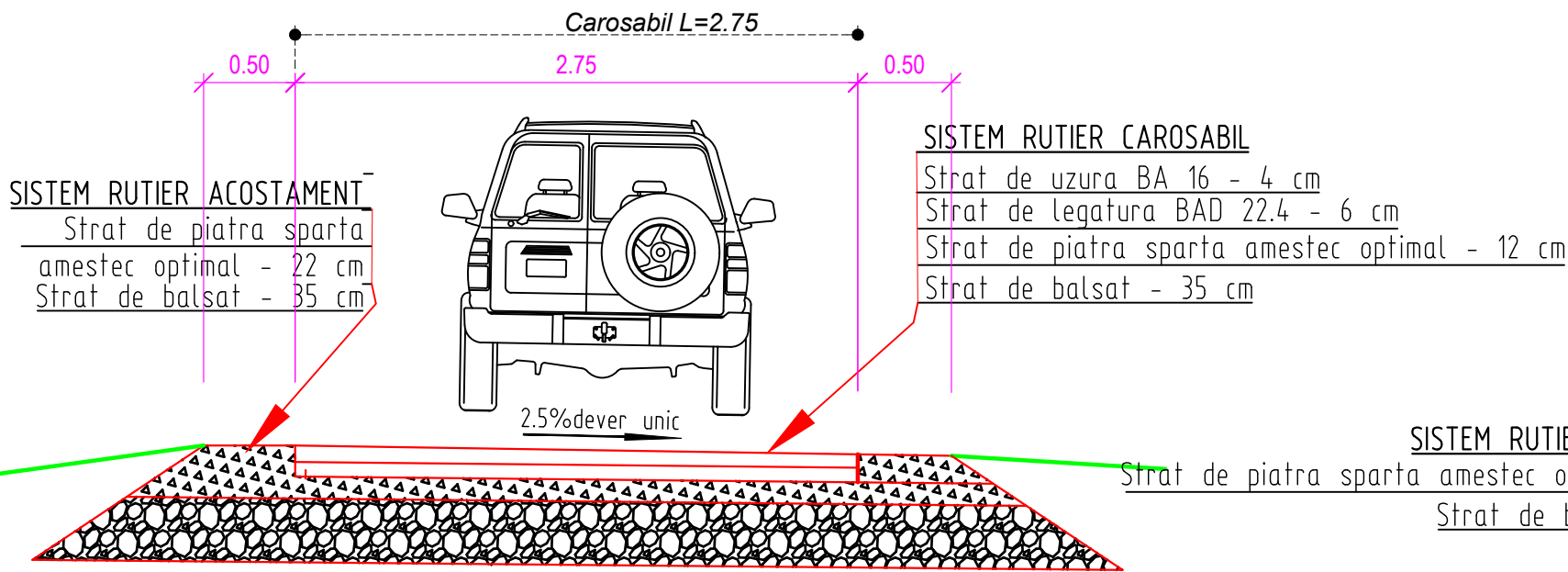
6 0+218.70
Typical Section CAROSABIL, CAROSABIL
Gradient [%] 2.50, 2.50
Overwinding [m] 0.00, 0.00
Shoulder Gradient [%] 4.00, 4.00
BA 16 [MP] 0.160
BAD 22,4 [MP] 0.245
PIATRA SPARTA [MP] 0.635
BALAST [MP] 1.919



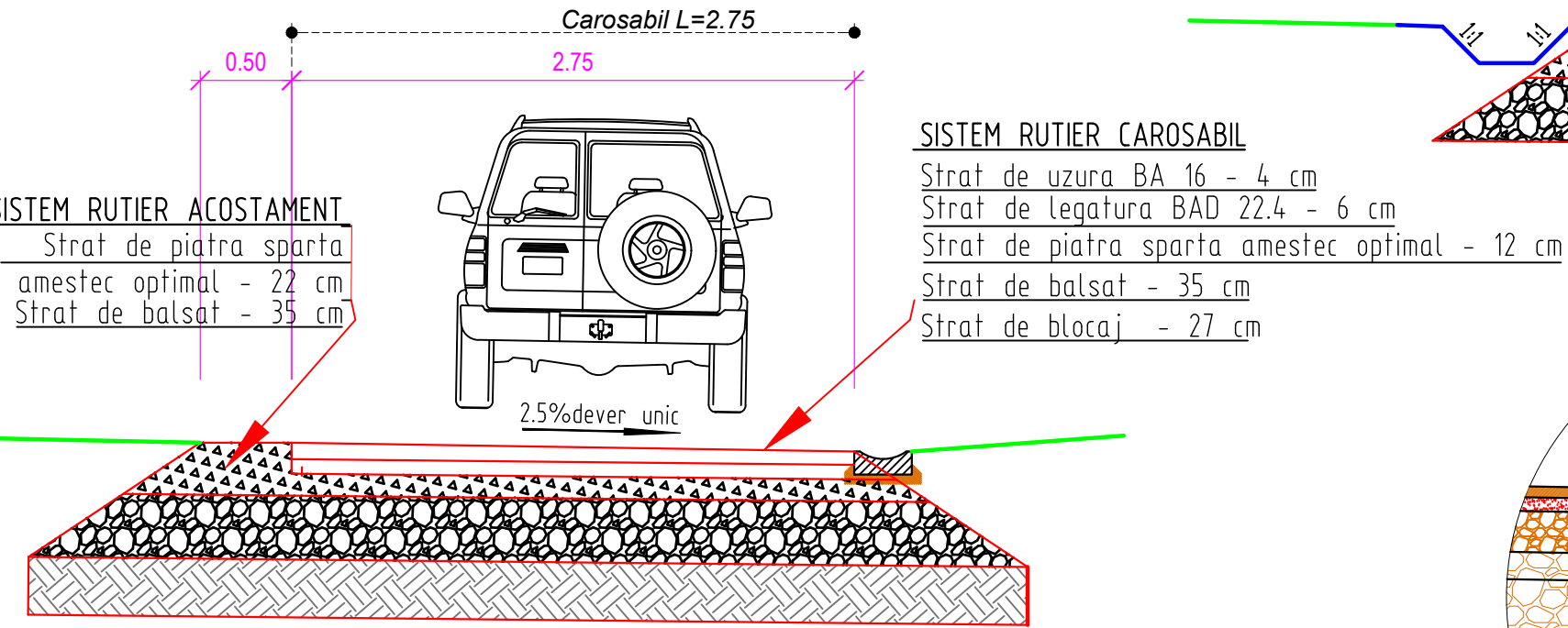
km 0+218.70

Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj,RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100	PROFILE TRANSVERSALE		Plansa: (24)
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian					
DESENAT:	ing. Langa Adrian					

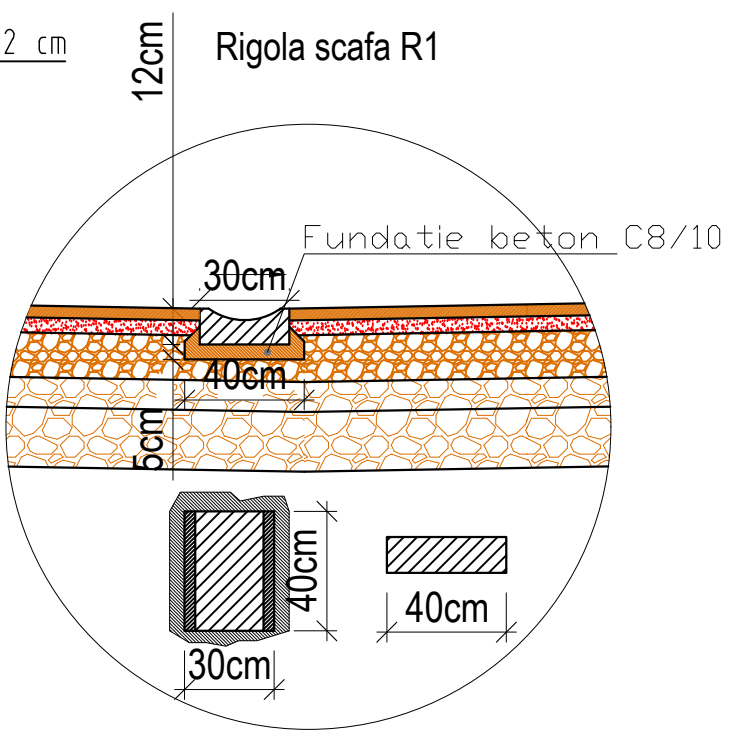
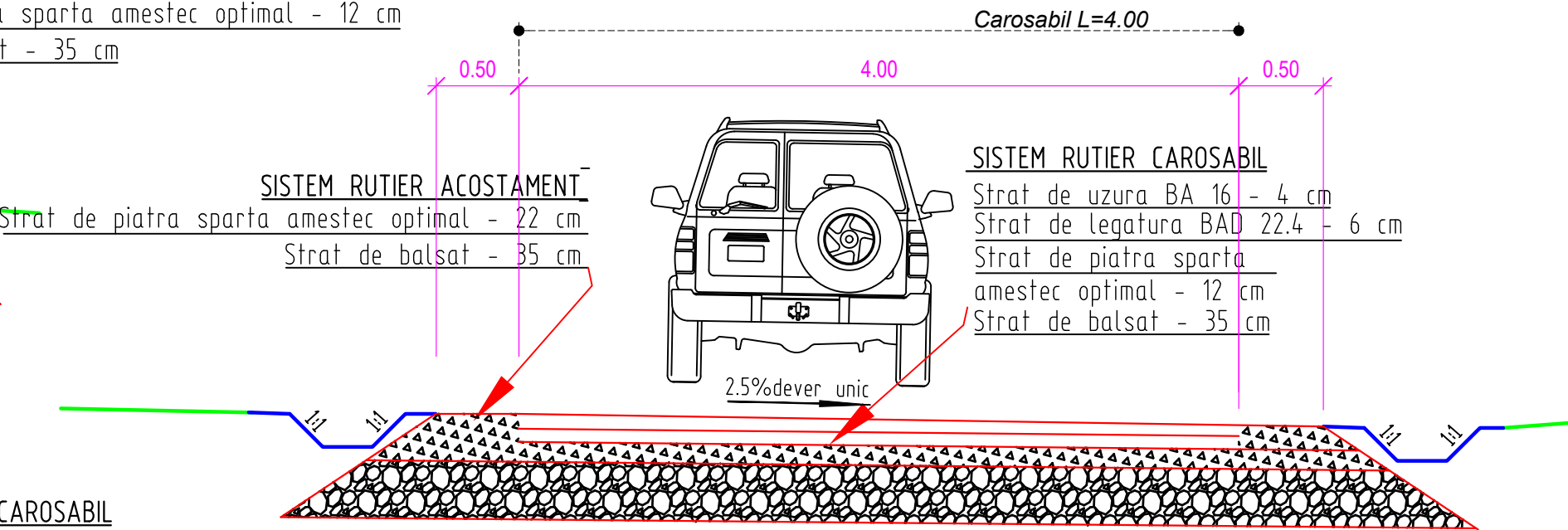
PROFIL TIP 1 - se aplica pe str. 1



PROFIL TIP 2 - se aplica pe str. 2

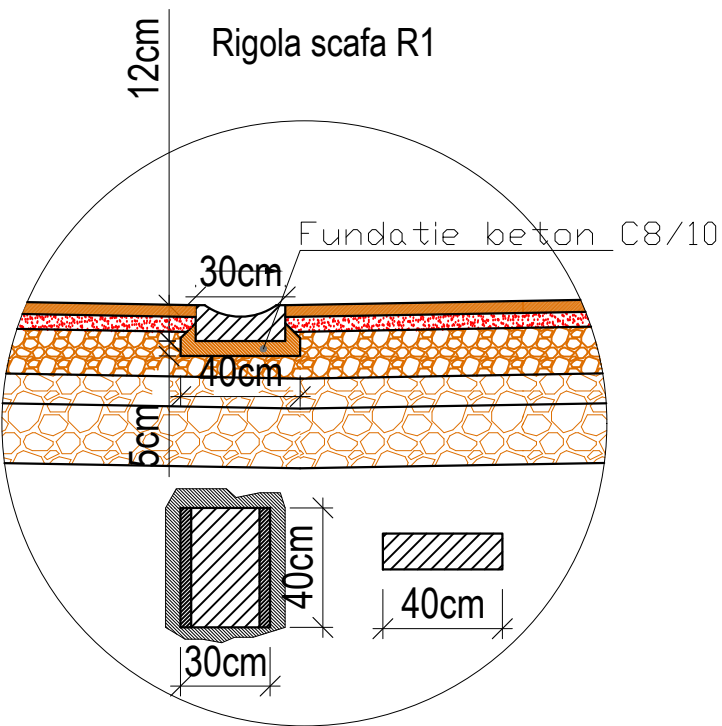
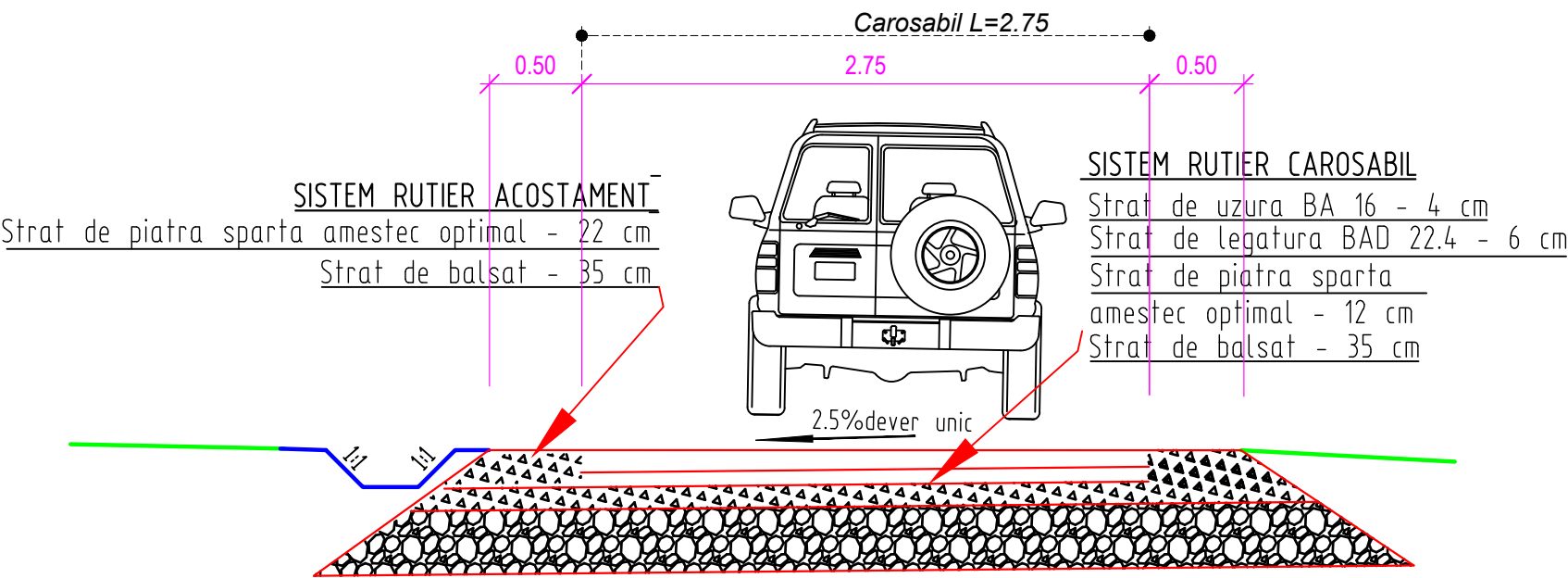


PROFIL TIP 3 - se aplica pe str. 3

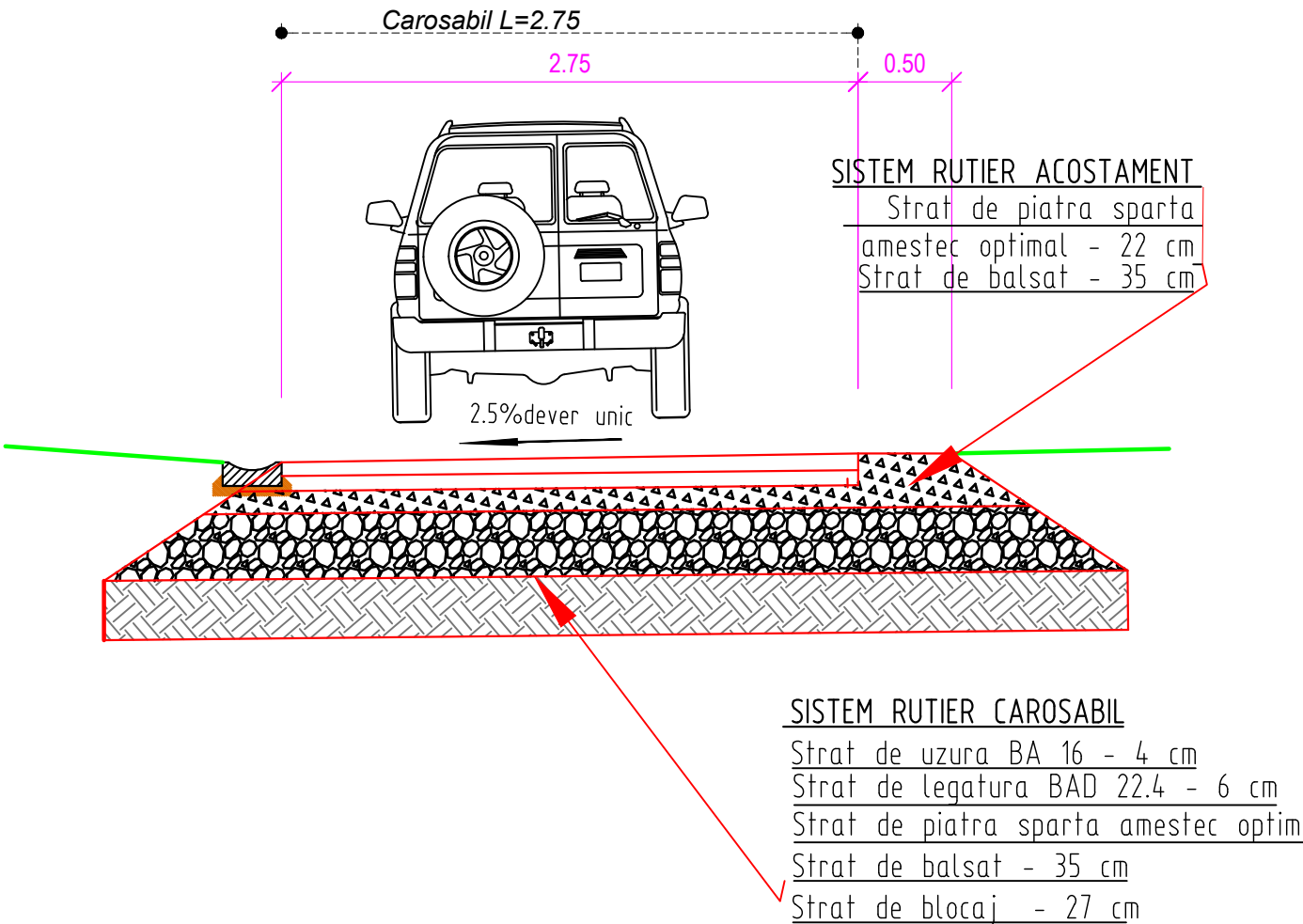


Proiectant de specialitate:				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
S.C. LA CONSULT&DEVELOPMENT S.R.L.				Beneficiar: COMUNA ANDRID		FAZA: P.T.
Valeni, nr 23, Cluj ,RO 19197907				PROFILE TRANSVERSAL TIP		Plansa: DDE1
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100			
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

PROFIL TIP 4 - se aplica pe str. 4



PROFIL TIP 5 - se aplica pe str. 5



Proiectant de specialitate: S.C. LA CONSULT&DEVELOPMENT S.R.L. Valeni, nr 23, Cluj, RO 19197907				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
				Beneficiar: COMUNA ANDRID		FAZA: P.T.
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100	PROFILE TRANSVERSAL TIP		Plansa: DDE2
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					

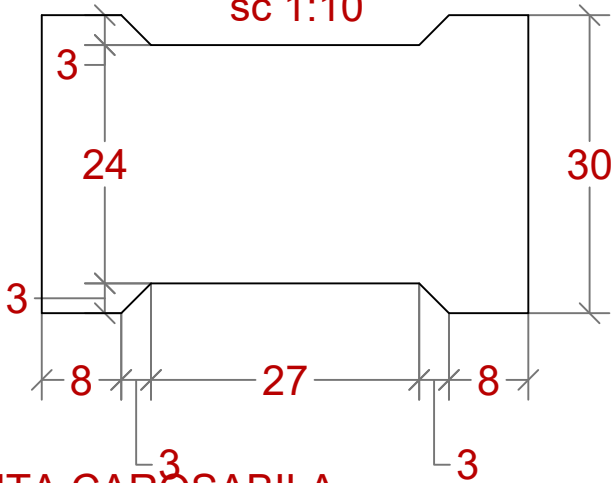
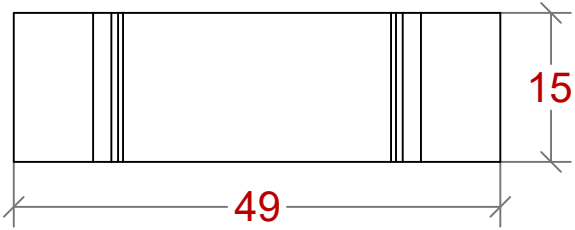
DETALIU COFRAJ PLACUTA CAROSABILA

VEDERE PLANA

sc 1:10

VEDERE LATERALA

sc 1:10



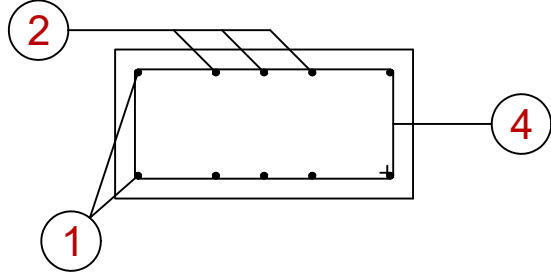
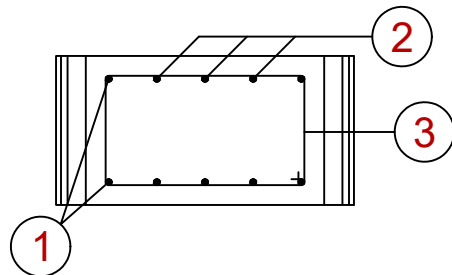
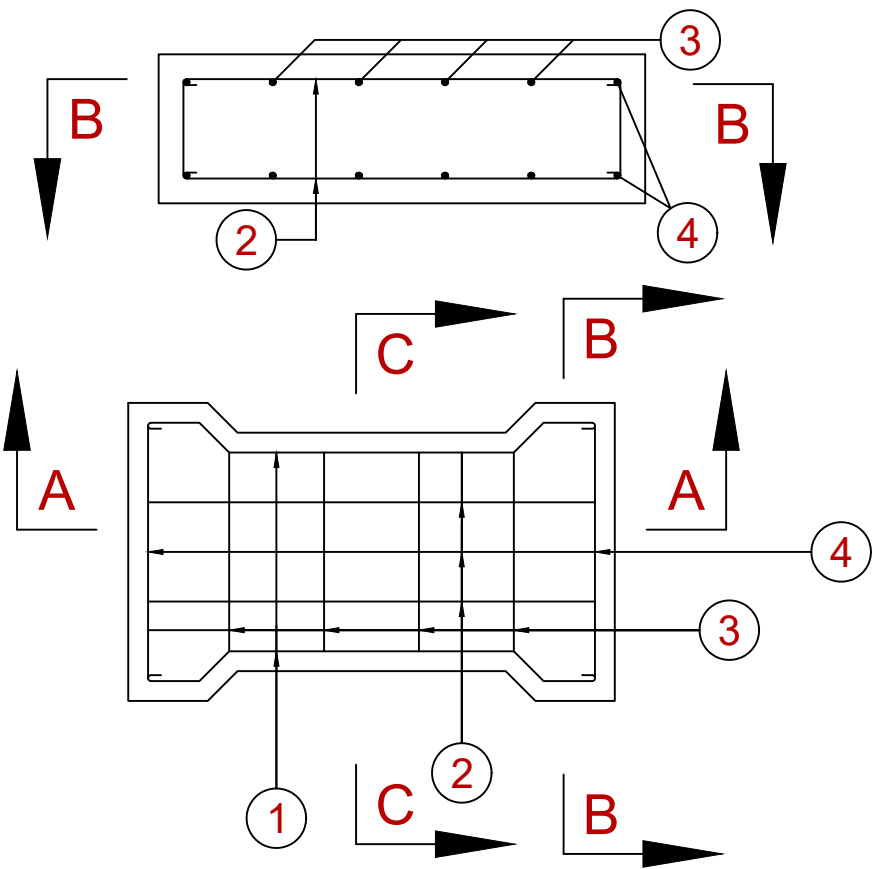
DETALIU ARMARE PLACUTA CAROSABILA

sc 1:10

SECTIUNE A - A

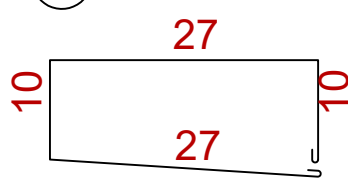
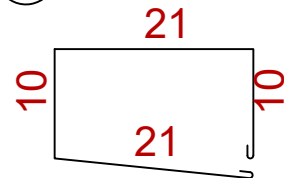
SECTIUNE C - C

SECTIUNE B - B



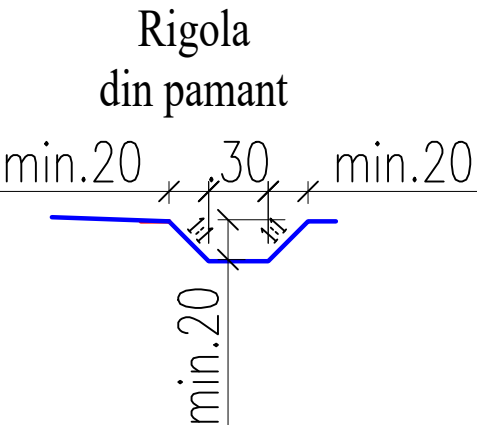
3 OB37 4Ø6 L=0.70

4 OB37 2Ø6 L=0.85



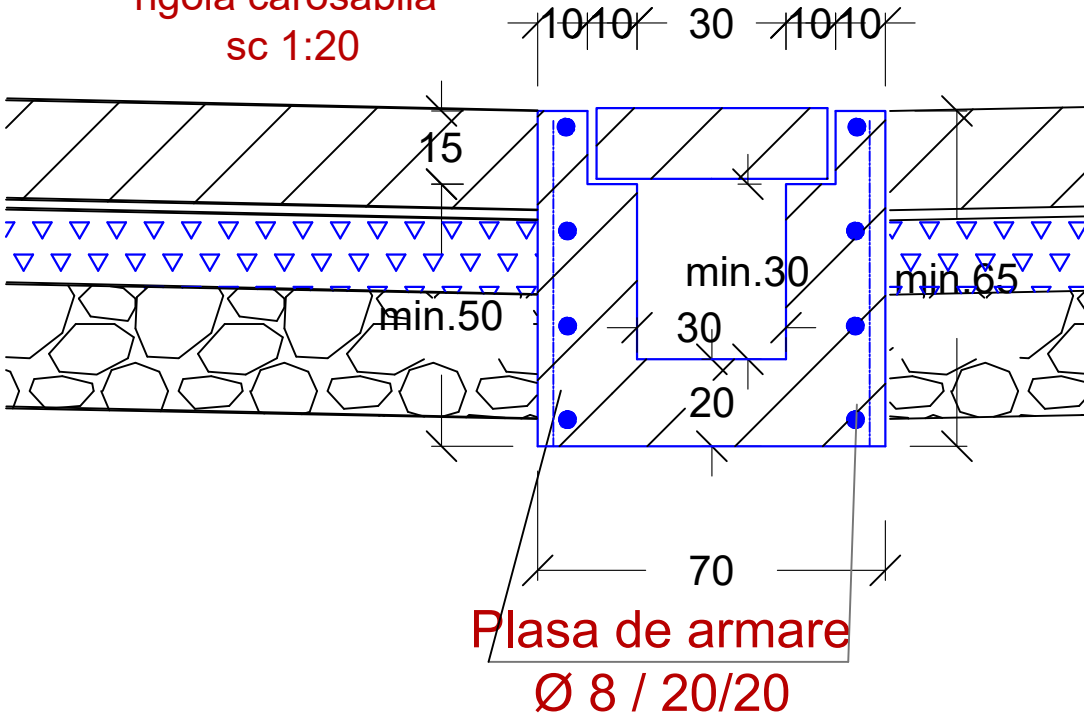
1 OB37 4Ø8 L=0.62

2 OB37 6Ø8 L=0.60



rigola carosabila

sc 1:20



EXTRAS DE ARMATURA PENTRU PLACUTA CAROSABILA

ELEM.	MARCA.	Φ	Nr. bare	Lungimi in [m] pe diametre.		
				A unei bare.	OB 37 Φ6	OB 37 Φ8
	1	8	4	0.62		2.48
	2	8	6	0.60		3.60
	3	6	4	0.70	2.80	
	4	6	2	0.85	1.70	
TOTAL LUNGIMI PE Φ				m	4.50	6.08
MASA PE METRTU				Kg/m	0.296	0.395
MASA PE DIAMETRE				Kg	1.33	2.41
TOTAL				Kg	3.74	

Nota : rigola carosabila va fi asezata pe un strat de balast in grosime de 10 cm si va fi amplasata la intersectia cu drumurile laterale, in zonele unde se desfasoara trafic rutier

Proiectant de specialitate:				Investitia: "Modernizare strazile Deal , Pirului si Belsugului in Andrid, Foglar si Cartierul Romilor in Dindesti in comuna Andrid Judetul Satu Mare"		PROIECT: 320D /2018
S.C. LA CONSULT&DEVELOPMENT S.R.L.				Beneficiar: COMUNA ANDRID		FAZA: P.T.
Valeni, nr 23, Cluj ,RO 19197907				DETALIU RIGOLA CAROSABILA		Plansa: DDE3
SPECIFICATIE:	NUME:	SEM NAT:	sc: 1:100			
ŞEF PROIECT:	ing. Langa Adrian					
PROIECTAT:	ing. Langa Adrian		Data: 2018			
DESENAT:	ing. Langa Adrian					