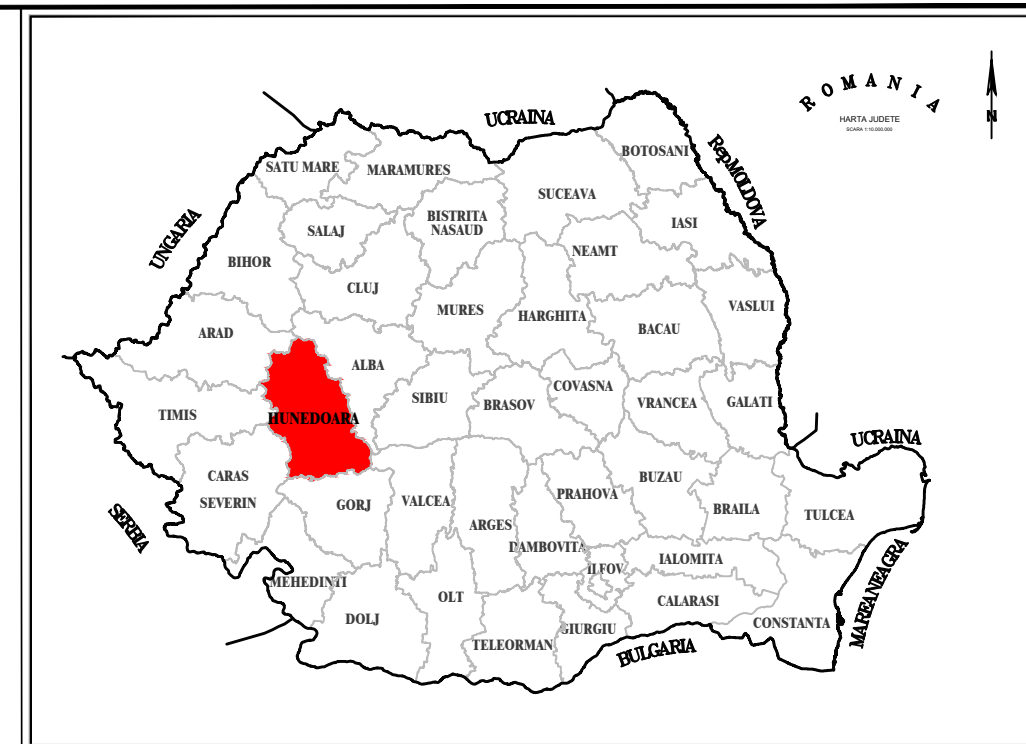
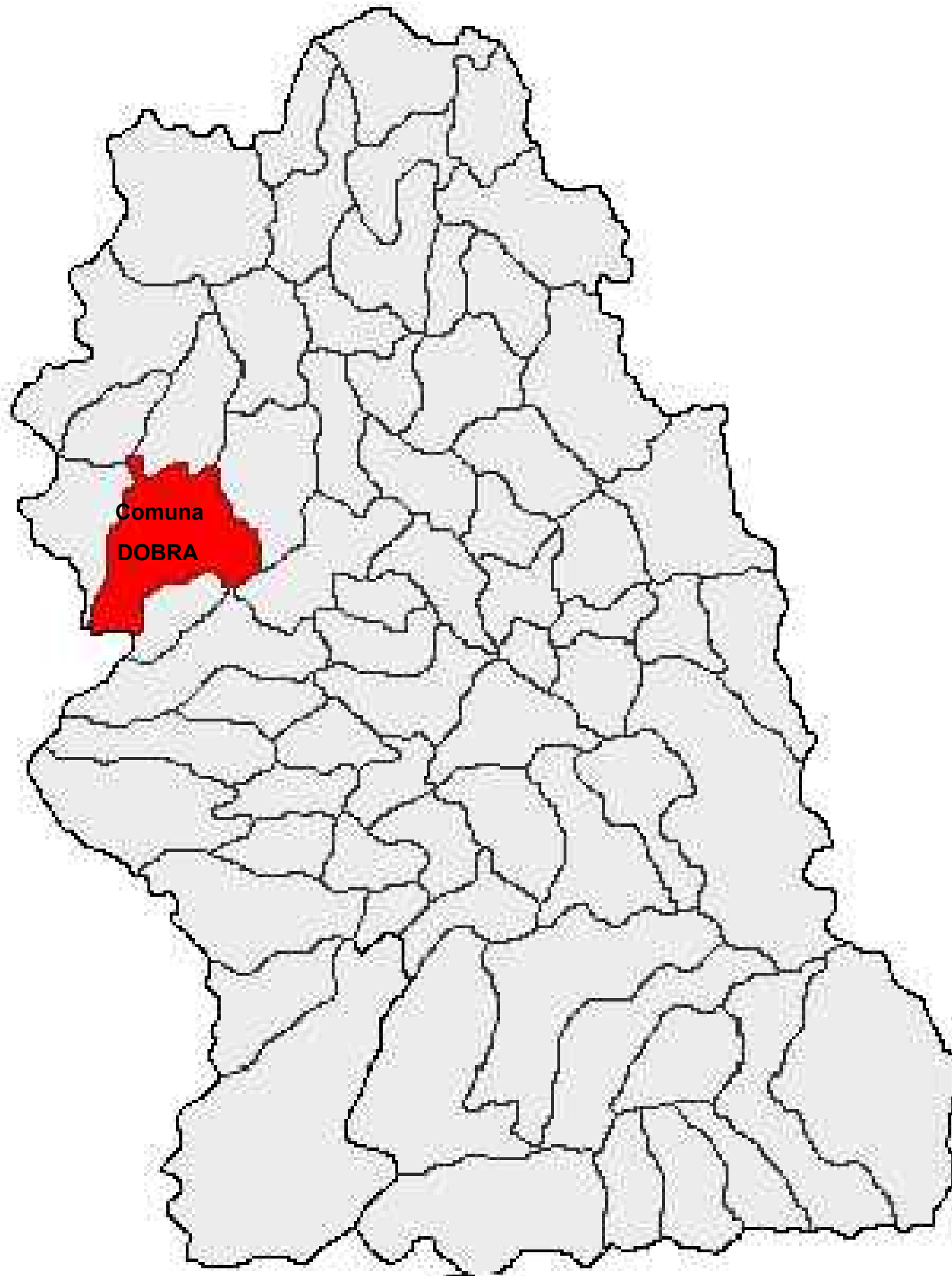



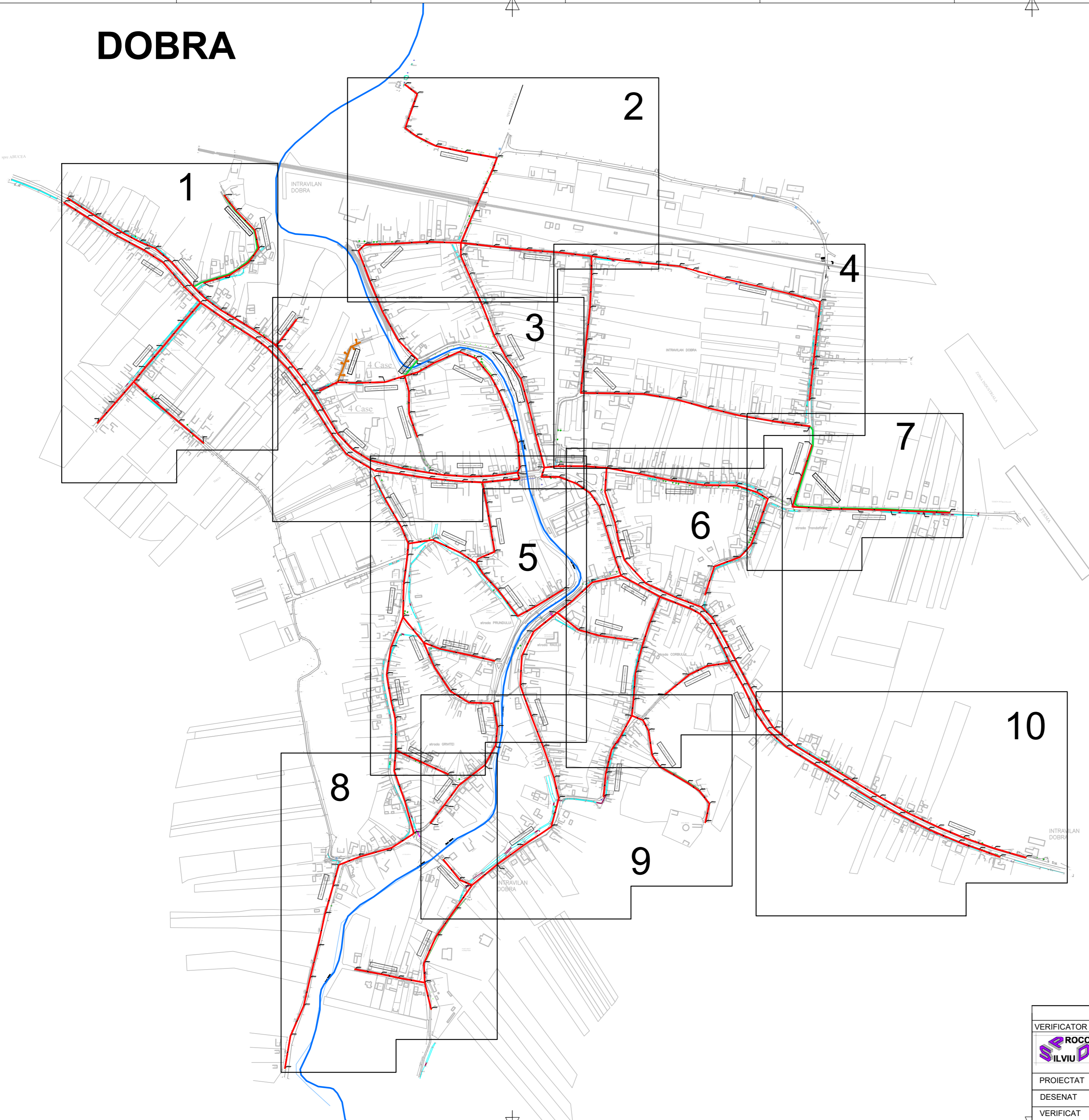
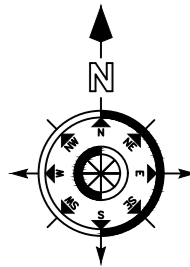


JUDETUL HUNEDOARA



VERIFICATOR	NUME	SEMNTATURA	CERINTA		
	S.C. SILVIU PROCON DESIGN S.R.L <small>OȚELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO28TREZ1885069XXX000656</small>		Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA	Nr.Proiect
	PROIECTAT	Ing. Ovidiu Hila		Amplasament:	Localitatea Dobra
DESEMAT	Ing. Ovidiu Hila		SCARA:	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara	Faza:
VERIFICAT	Ing.Alexandru Beg		DATA:		SF
				Titlu plansa:	PL. Nr.
				Plan de incadrare in zona comuna Dobra	PZ-01

DOBRA



Legenda:

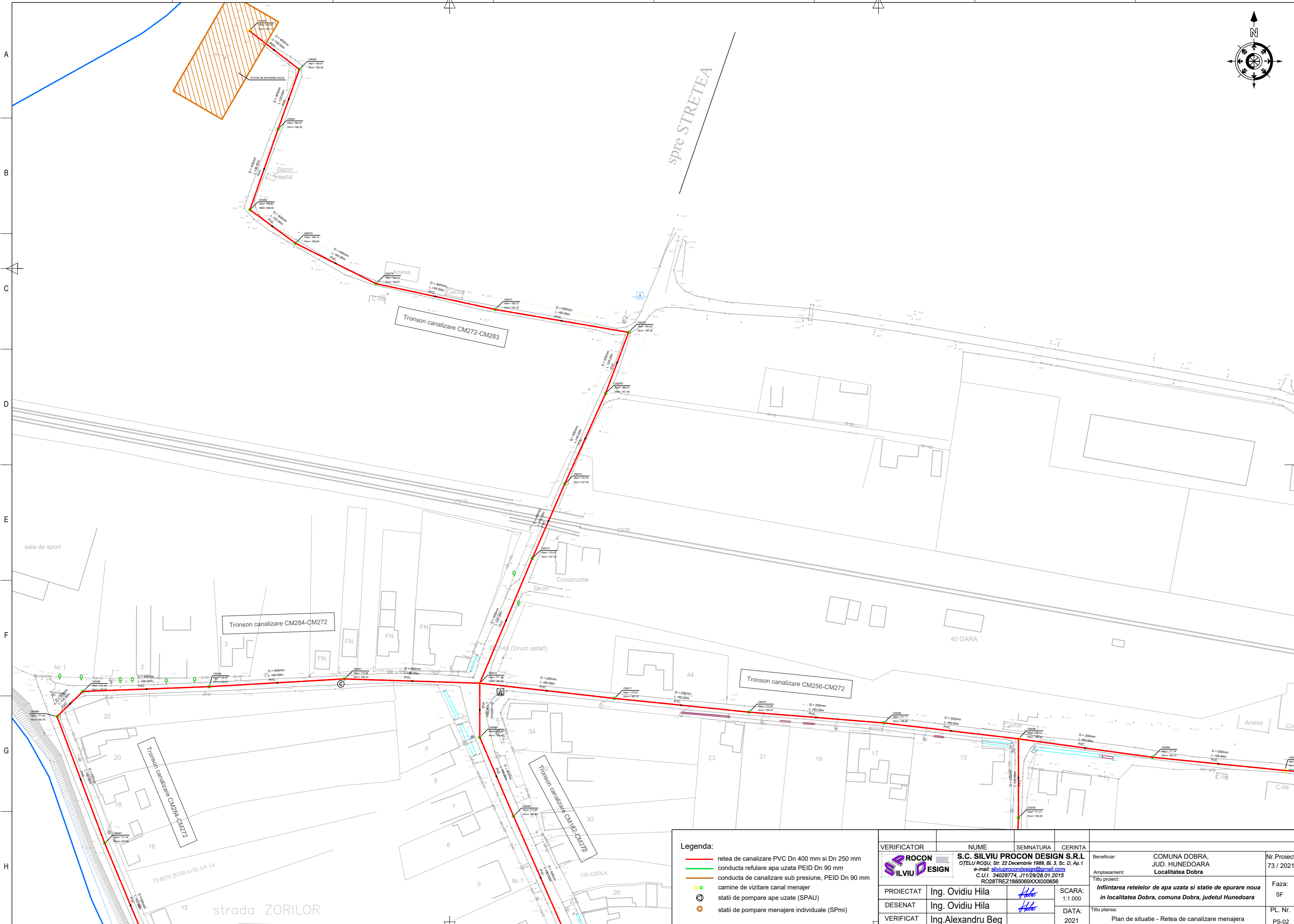
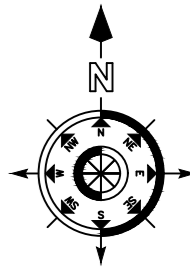
- retea de canalizare PVC Dn 400 mm si Dn 250 mm
- conducta refulare apa uzata PEID Dn 90 mm
- conducta de canalizare sub presiune, PEID Dn 90 mm
- camine de vizitare canal menajer
- ⊕ statii de pompare ape uzate (SPA)
- ⊕ statii de pompare menajere individuale (SPmi)

VERIFICATOR	NUME	SEMNATURA	CERINTA	Beneficiar:	Nr. Proiect
S.C. SILVIU PROCON DESIGN S.R.L. <small>OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29.01.2015 RO281TREZ1885089XXX000656</small>	S.C. SILVIU PROCON DESIGN S.R.L. <small>OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29.01.2015 RO281TREZ1885089XXX000656</small>			COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	73 / 2021
	PROIECTAT	Ing. Ovidiu Hila	<i>[Signature]</i>	SCARA:	Infintarea retelelor de apa uzata si statii de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara
DESEANAT	Ing. Ovidiu Hila	<i>[Signature]</i>	1:5.000	SF	
VERIFICAT	Ing. Alexandru Beg	<i>[Signature]</i>	DATA:	Titlu plansa:	PL. Nr.
			2021	Plan cheie - Retea de canalizare menajera	PC-00



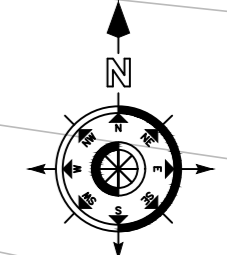
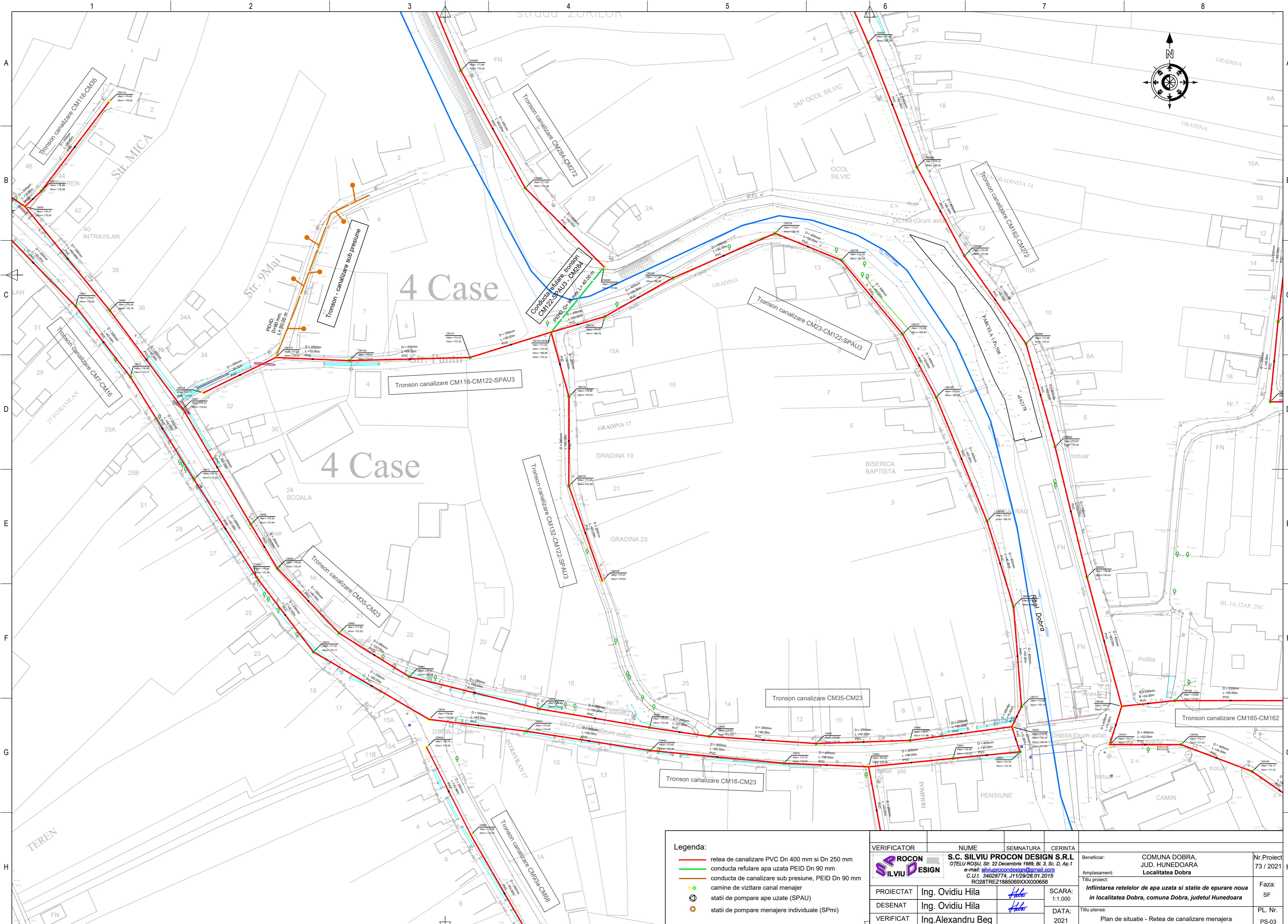
- Legenda:**
- retea de canalizare PVC Dn 400 mm si Dn 250 mm
 - conducta refulare apa uzata PEID Dn 90 mm
 - conducta de canalizare sub presiune, PEID Dn 90 mm
 - camine de vizitare canal menajer
 - stati de pompare ape uzate (SPAU)
 - stati de pompare menajere individuale (SPmi)

VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar: COMUNA DOBRA, JUD. HUNEDOARA		Nr. Proiect
	S.C. SILVIU PROCON DESIGN S.R.L. OJELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO28TRZ1885069XXX000656			Localitatea Dobra		73 / 2021
PROIECTAT	Ing. Ovidiu Hila		SCARA:	Titlu proiect: Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara		Faza: SF
DESENAT	Ing. Ovidiu Hila		1:1.000	PL. Nr.		PS-01
VERIFICAT	Ing. Alexandru Beg		DATA:	Plan de situatie - Retea de canalizare menajera		
			2021			



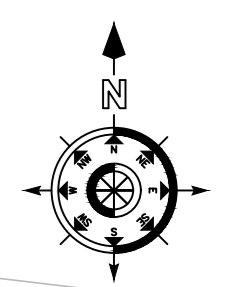
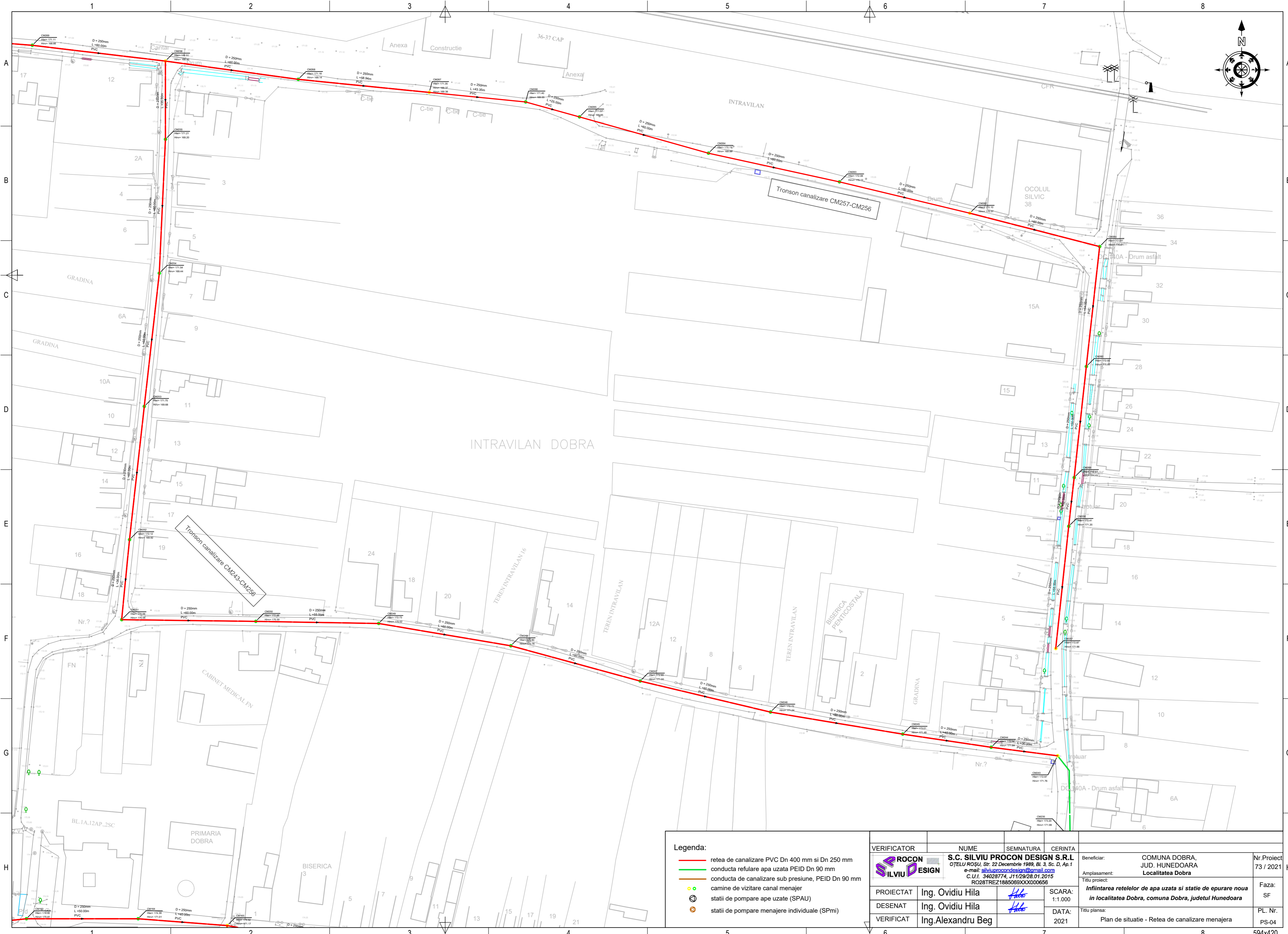
- Legenda:**
- retea de canalizare PVC Dn 400 mm si Dn 250 mm
 - conducta refulare apa uzata PEID Dn 90 mm
 - conducta de canalizare sub presiune, PEID Dn 90 mm
 - camine de vizitare canal menajer
 - statii de pompare ape uzate (SPAU)
 - statii de pompare menajere individuale (SPmi)

VERIFICATOR	NUME	SEMNTATURA	CERINTA		
	S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29.01.2015 RO281TREZ1885089XXXG00656			Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA
PROIECTAT	Ing. Ovidiu Hila		SCARA:	Amplasament:	Localitatea Dobra
DESEINAT	Ing. Ovidiu Hila		1:1.000	Titlu proiect:	Infintarea retelelor de apa uzata si state de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara
VERIFICAT	Ing. Alexandru Beg		DATA:	Plan de situatie - Retea de canalizare menajera	
			2021		Nr. Proiect: 73 / 2021
					Faza: SF
					PL. Nr. PS-02



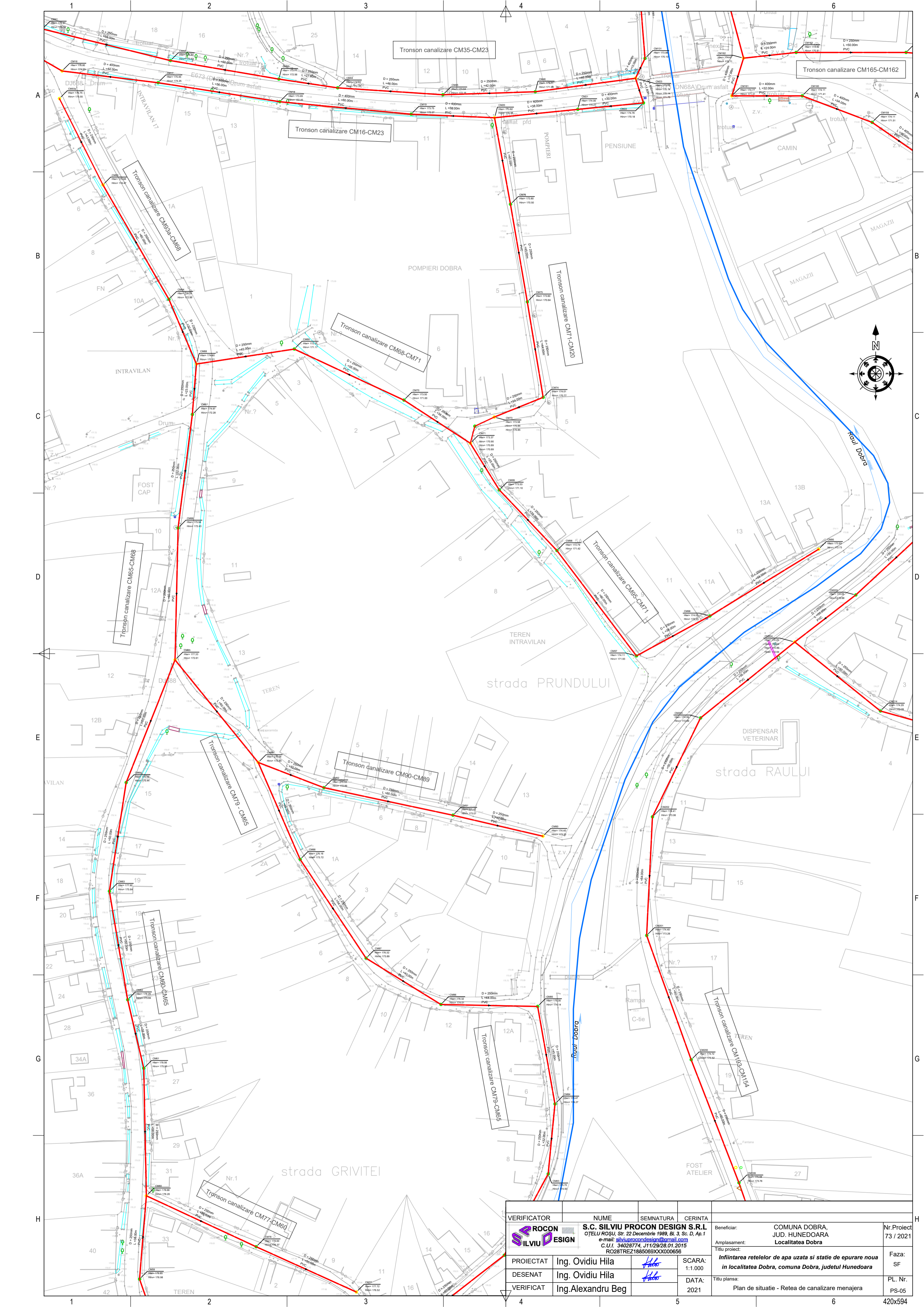
- Legenda:**
- retea de canalizare PVC Dn 400 mm si Dn 250 mm
 - conducta refulare apa uzata PEID Dn 90 mm
 - conducta de canalizare sub presiune, PEID Dn 90 mm
 - camine de vizitare canal menajer
 - ⊙ statii de pompare ape uzate (SPAU)
 - ⊙ statii de pompare menajere individuale (SPm)

VERIFICATOR	NUME	SEMNAURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr.Proiect 73 / 2021
	S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29.08.01.2015 RO28TRZ1885089XX000656	<i>[Signature]</i>		Amplasament:	COMUNA DOBRA, Localitatea Dobra	Faza: SF
PROIECTAT	Ing. Ovidiu Hila	<i>[Signature]</i>	SCARA:	Titlu proiect:		
DESEANAT	Ing. Ovidiu Hila	<i>[Signature]</i>	1:1.000	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara		
VERIFICAT	Ing. Alexandru Beg	<i>[Signature]</i>	DATA:	Titlu plansa:		
			2021	Plan de situatie - Retea de canalizare menajera		PL. Nr. PS-03

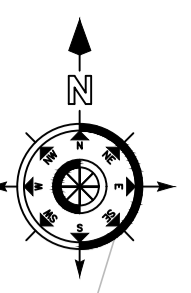


- Legenda:**
- retea de canalizare PVC Dn 400 mm si Dn 250 mm
 - conducta returnare apa uzata PEID Dn 90 mm
 - conducta de canalizare sub presiune, PEID Dn 90 mm
 - camine de vizitare canal menajer
 - ⊙ statii de pompare ape uzate (SPAU)
 - ⊙ statii de pompare menajere individuale (SPmi)

VERIFICATOR	NUME	SEMNATURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA	Nr.Proiect	73 / 2021
	S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO281TREZ1885089XXX000656			Amplasament:	Localitatea Dobra	Faza:	SF
PROIECTAT	Ing. Ovidiu Hila		SCARA:	Titlu proiect:			
DESEANAT	Ing. Ovidiu Hila		1:1.000	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara			
VERIFICAT	Ing. Alexandru Beg		DATA:	Titlu plansa:			PL. Nr.
			2021	Plan de situatie - Retea de canalizare menajera			PS-04

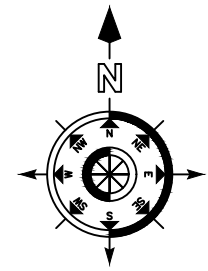
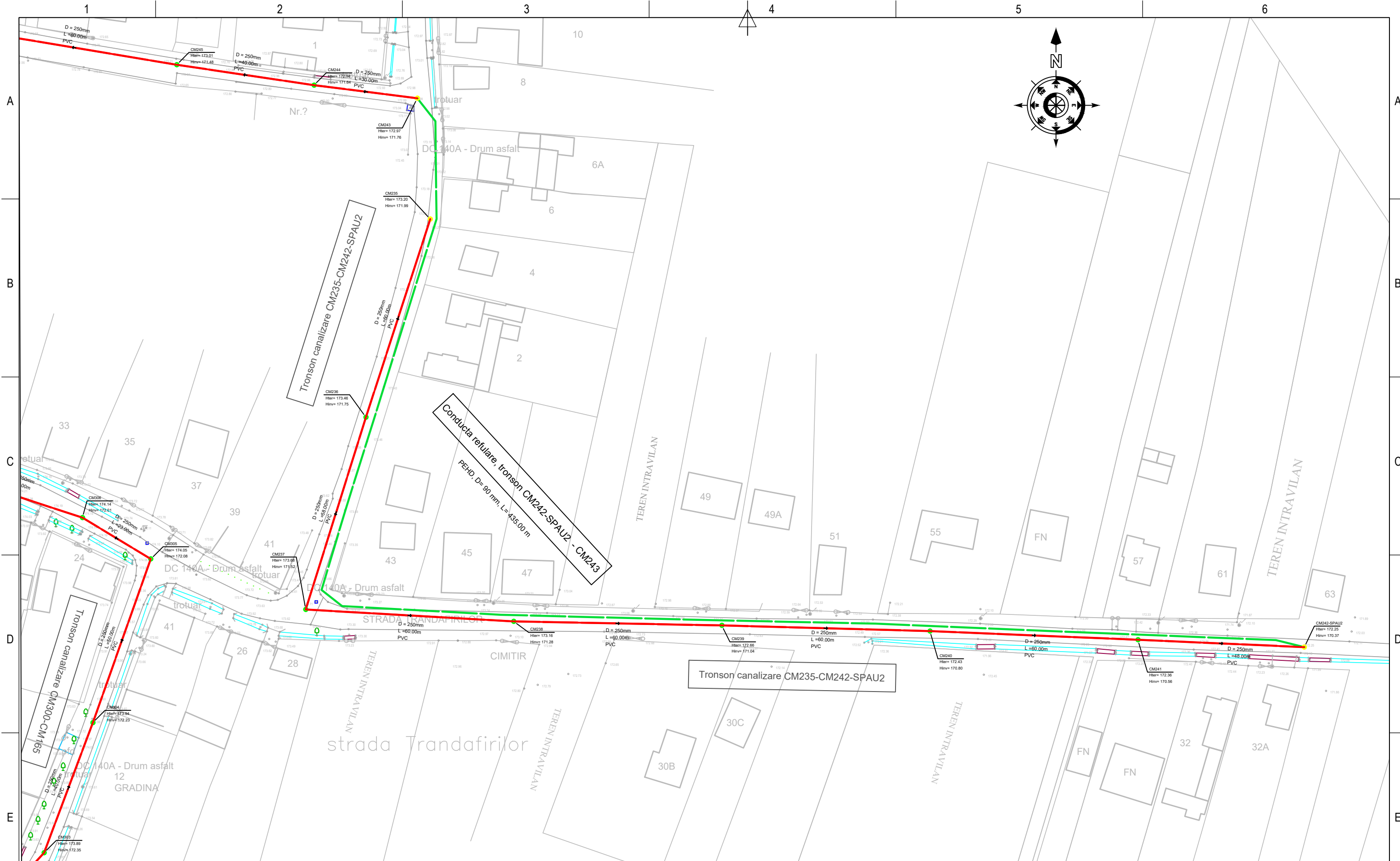


VERIFICATOR	NUME	SEMNTATURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr.Proiect 73 / 2021
	S.C. SILVIU PROCON DESIGN S.R.L. OJELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO28TREZ1885069XXX000656			Amplasament:	JUD. HUNEDOARA Localitatea Dobra	Faza: SF
PROIECTAT	Ing. Ovidiu Hila			Titlu proiect:	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara	
DESENAT	Ing. Ovidiu Hila			SCARA:	1:1.000	PL. Nr.
VERIFICAT	Ing. Alexandru Beg			DATA:	2021	PS-05
				Titlu plansa:	Plan de situatie - Retea de canalizare menajera	



- Legenda:**
- retea de canalizare PVC Dn 400 mm si Dn 250 mm
 - conducta refulare apa uzata PEID Dn 90 mm
 - conducta de canalizare sub presiune, PEID Dn 90 mm
 - camine de vizitare canal menajer
 - ⊙ statii de pompare ape uzate (SPAU)
 - ⊙ statii de pompare menajere individuale (SPmi)

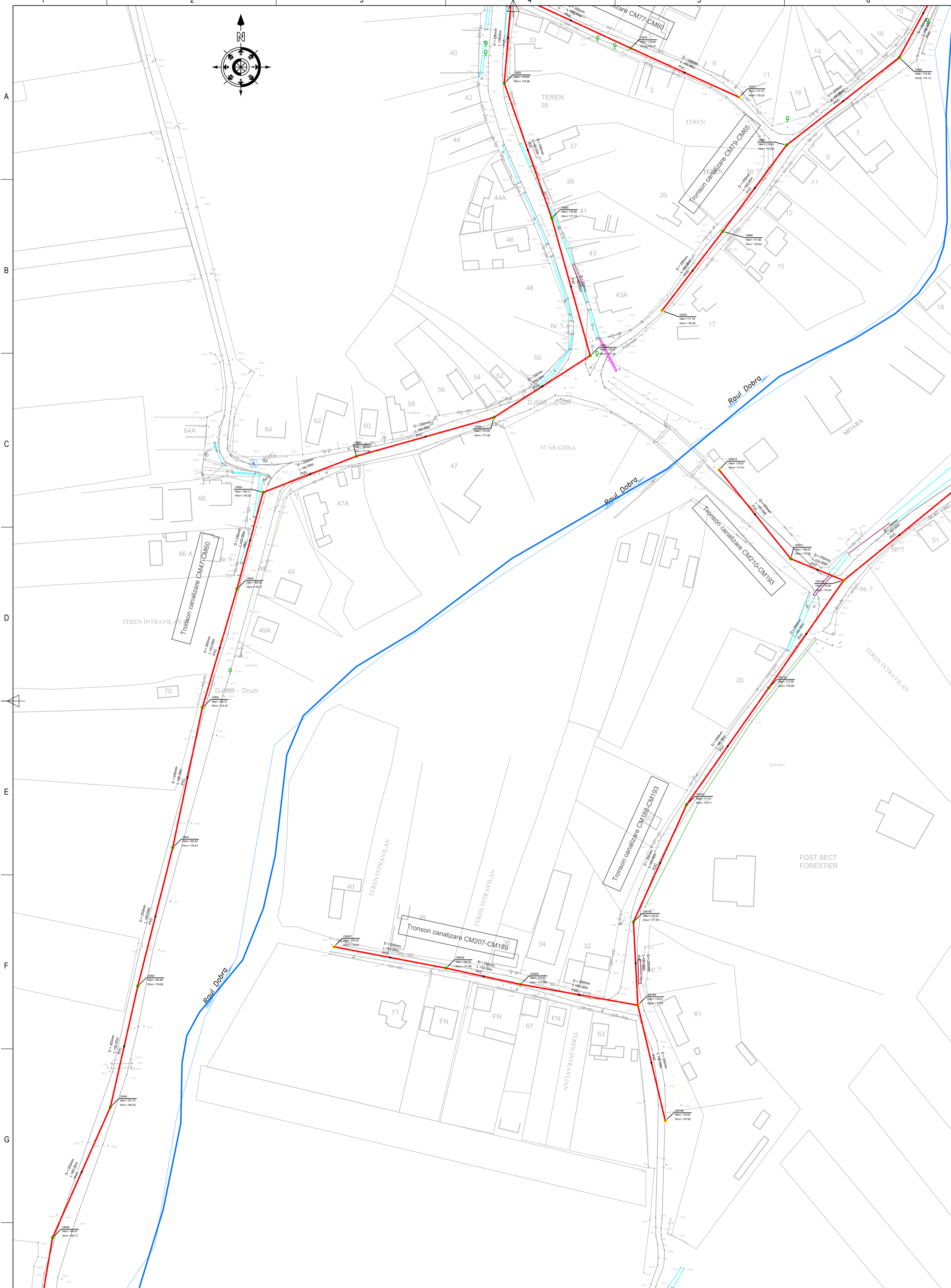
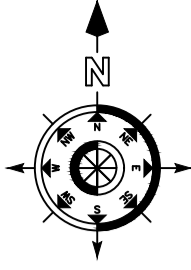
VERIFICATOR	NUME	SEMNATURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr.Proiect 73 / 2021
			S.C. SILVIU PROCON DESIGN S.R.L. OJELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO28TRZ1885069XX000656	Amplasament:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Faza: SF
PROIECTAT	Ing. Ovidiu Hila		SCARA:	Titlu proiect:		Plan de situatie - Retea de canalizare menajera
DESENAT	Ing. Ovidiu Hila		1:1.000	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara		
VERIFICAT	Ing. Alexandru Beg		DATA:	PS-06		
			2021			



Legenda:

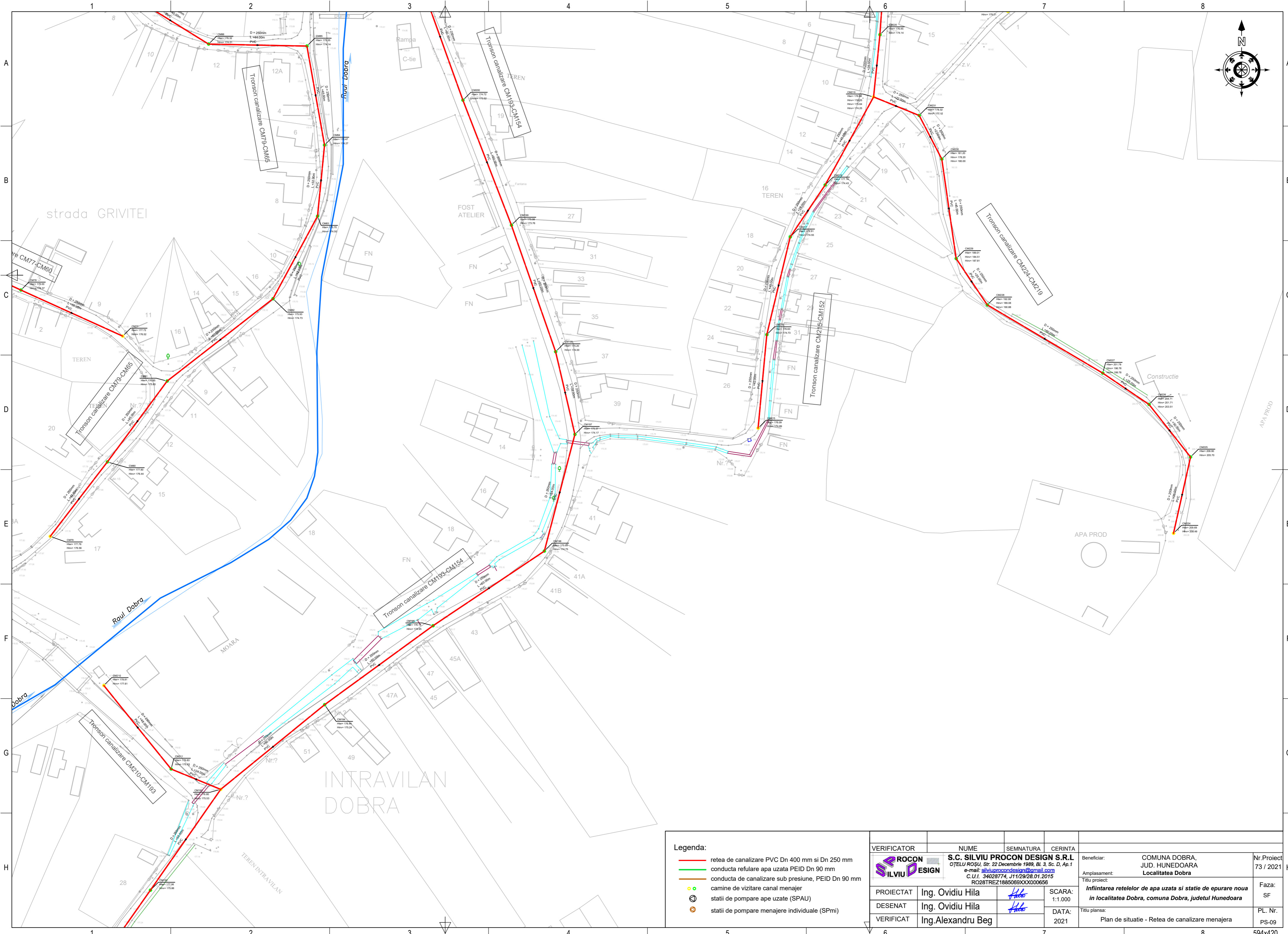
- retea de canalizare PVC Dn 400 mm si Dn 250 mm
- conducta refluxare apa uzata PEID Dn 90 mm
- conducta de canalizare sub presiune, PEID Dn 90 mm
- ● camine de vizitare canal menajer
- statii de pompare ape uzate (SPAU)
- statii de pompare menajere individuale (SPmi)

VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar: COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr.Proiect 73 / 2021
		S.C. SILVIU PROCON DESIGN S.R.L OTELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO28TREZ1885069XXX000656			
PROIECTAT	Ing. Ovidiu Hila		SCARA: 1:1.000	Faza: SF	
DESENAT	Ing. Ovidiu Hila				
VERIFICAT	Ing. Alexandru Beg		DATA: 2021	Titlu plansa: Plan de situatie - Retea de canalizare menajera	



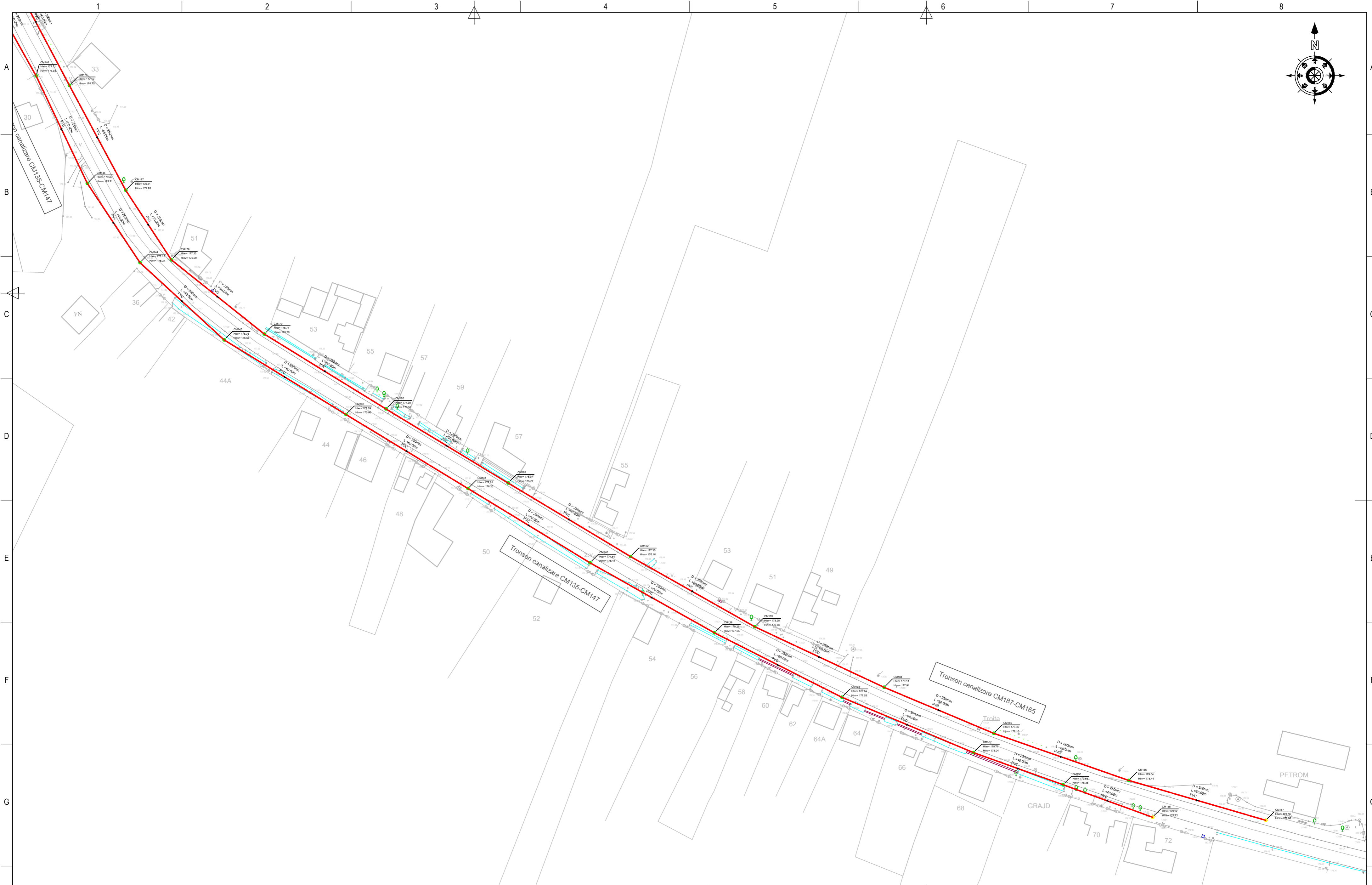
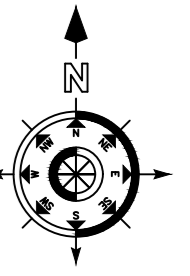
- Legenda:**
- retea de canalizare PVC Dn 400 mm si Dn 250 mm
 - conducta de refulare apa uzata PEID Dn 90 mm
 - conducta de canalizare sub presiune, PEID Dn 90 mm
 - camine de vizitare canal menajer
 - statii de pompare ape uzate (SPAU)
 - statii de pompare menajere individuale (SPmi)

VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr.Proiect 73 / 2021
	S.C. SILVIU PROCON DESIGN S.R.L. OJELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO28TRZ1885069XXX000656			Amplasament:	Localitatea Dobra	Faza: SF
PROIECTAT	Ing. Ovidiu Hila		SCARA:	Titlu proiect:		
DESENAT	Ing. Ovidiu Hila		1:1.000	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara		
VERIFICAT	Ing. Alexandru Beg		DATA:	Plan de situatie - Retea de canalizare menajera		PL. Nr. PS-08
			2021			



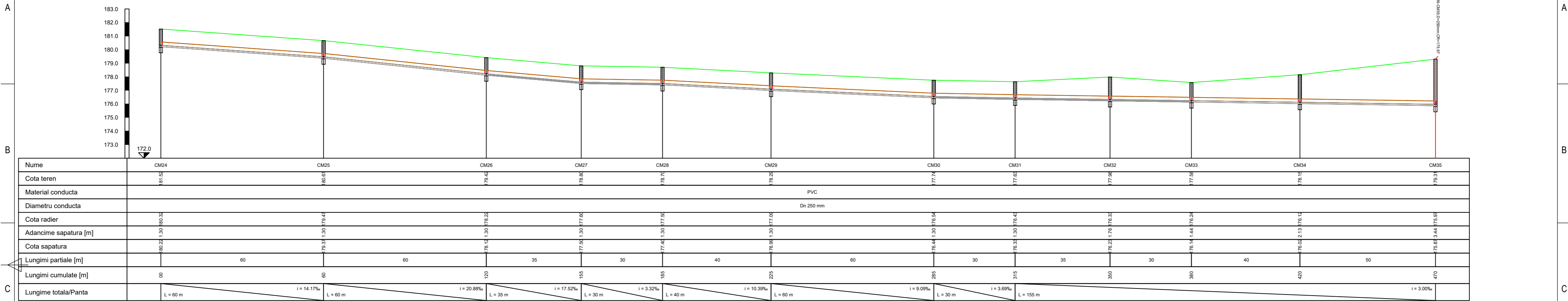
- Legenda:**
- retea de canalizare PVC Dn 400 mm si Dn 250 mm
 - conducta returnare apa uzata PEID Dn 90 mm
 - conducta de canalizare sub presiune, PEID Dn 90 mm
 - camine de vizitare canal menajer
 - statii de pompare ape uzate (SPAU)
 - statii de pompare menajere individuale (SPmi)

VERIFICATOR	NUME	SEMNATURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA	Nr.Proiect	73 / 2021
PROIECTAT	Ing. Ovidiu Hila		SCARA: 1:1.000	Amplasament:	Localitatea Dobra	Faza:	SF
	DESEANAT	Ing. Ovidiu Hila			Titlu proiect:	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara	PL. Nr.
VERIFICAT	Ing. Alexandru Beg		DATA:	2021	Plan de situatie - Retea de canalizare menajera		

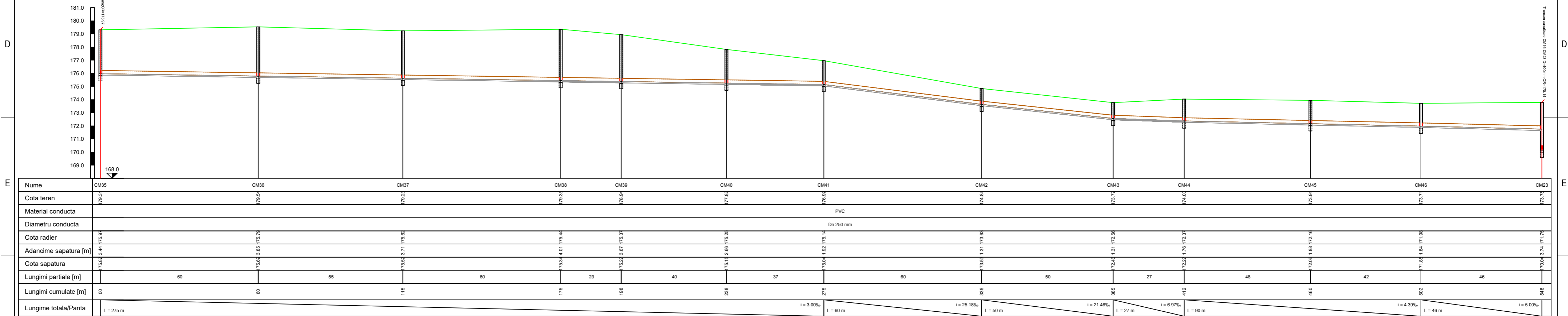


Legenda:		VERIFICATOR		NUME		SEMNAȚURA		CERINȚA	
	retea de canalizare PVC Dn 400 mm și Dn 250 mm			S.C. SILVIU PROCON DESIGN S.R.L.				Beneficiar: COMUNA DOBRA, JUD. HUNEDOARA	
	conducta de returnare apă uzată PEID Dn 90 mm			OȚELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1				Amplasament: Localitatea Dobra	
	camine de vizitare canal menajer			e-mail: silviuprocondesign@gmail.com				Titlu proiect: Infintarea retelelor de apă uzată și stație de epurare nouă în localitatea Dobra, comuna Dobra, județul Hunedoara	
	stații de pompare ape uzate (SPAU)			C.U.I. 34028774, J11/29/28.01.2015		SCARA: 1:1000		Faza: SF	
	stații de pompare menajere individuale (SPmi)			RO281TREZ1885089XXX00656		DATA: 2021		PL. Nr. PS-10	
		PROIECTAT		Ing. Ovidiu Hila				Titlu planșă: Plan de situație - Extindere rețea de canalizare menajera	
		DESENAT		Ing. Ovidiu Hila					
		VERIFICAT		Ing. Alexandru Beg					

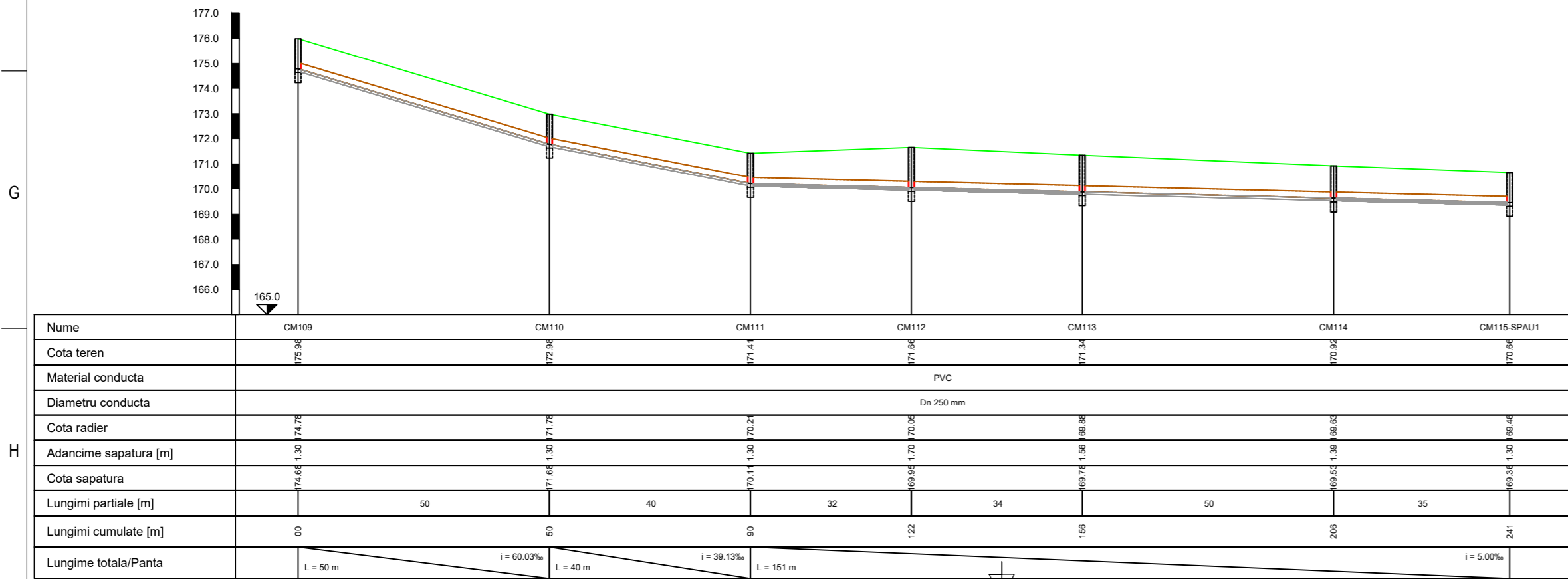
PROFIL LONGITUDINAL: Tronson canalizare CM24-CM35



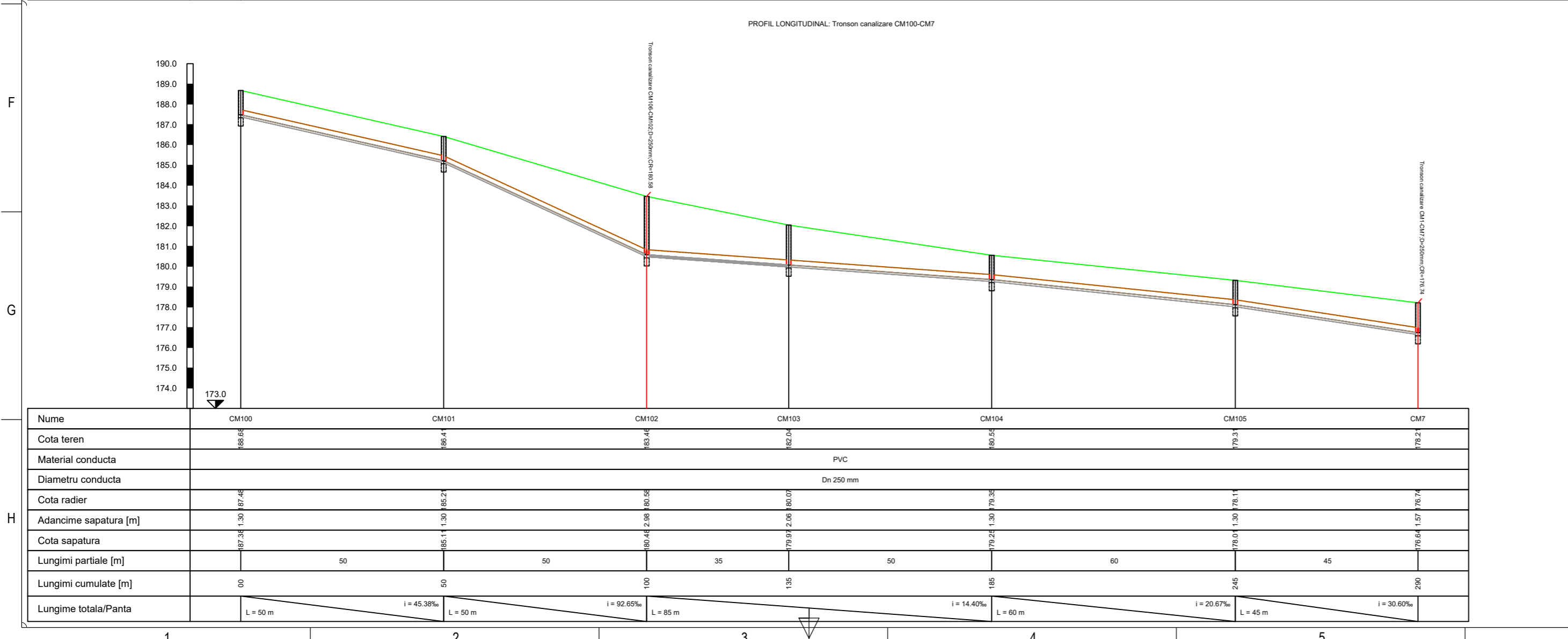
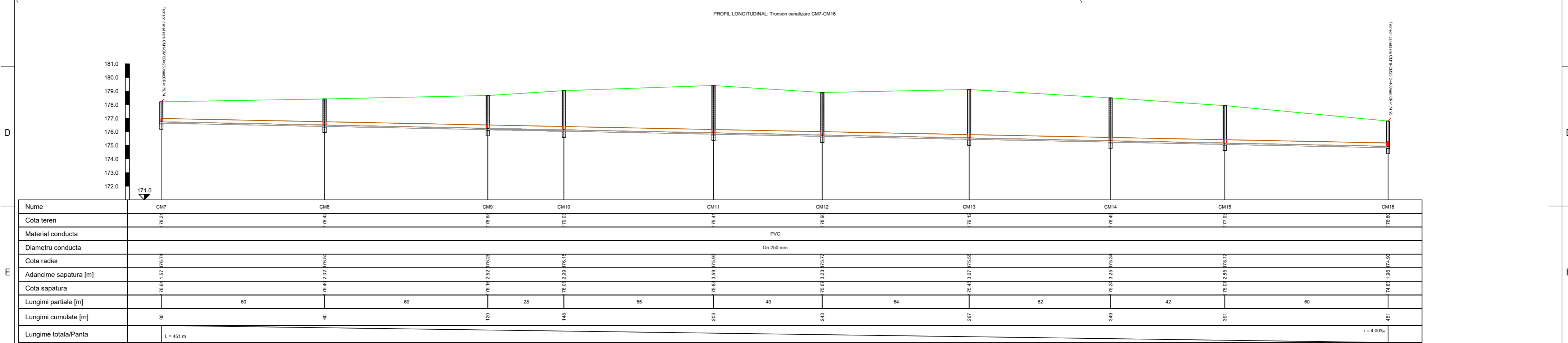
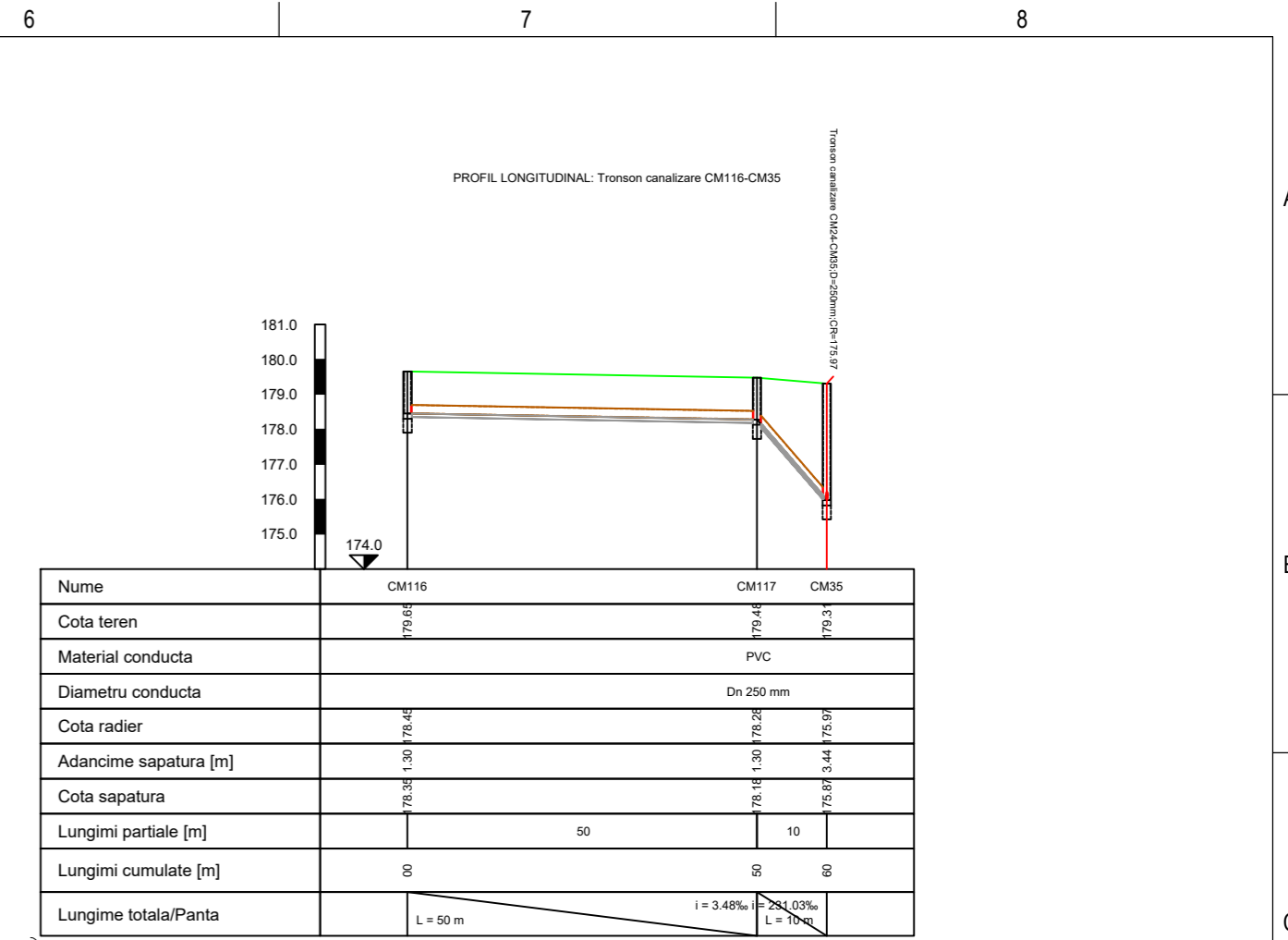
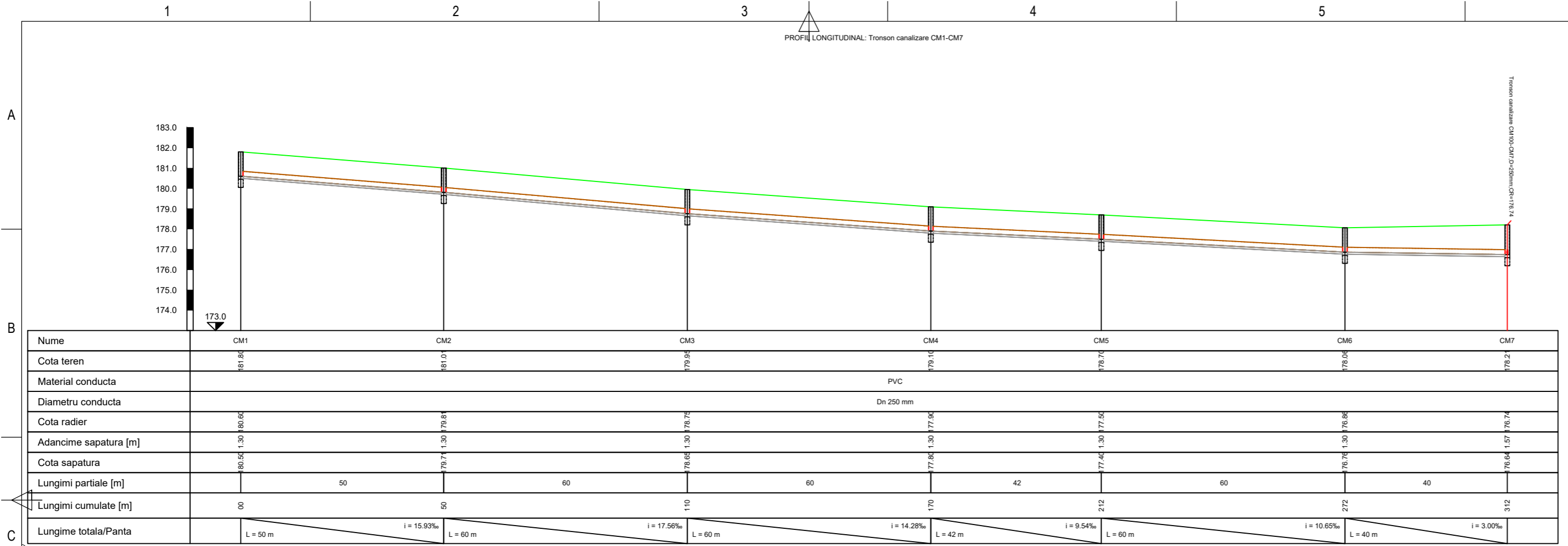
PROFIL LONGITUDINAL: Tronson canalizare CM35-CM23



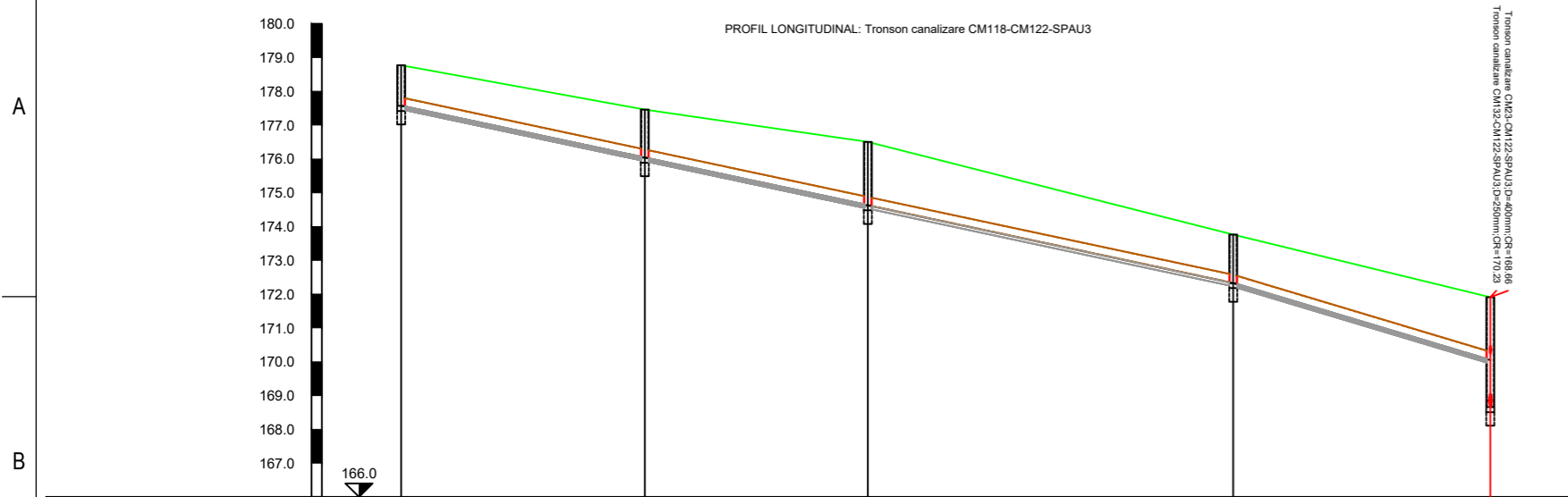
PROFIL LONGITUDINAL: Tronson canalizare CM109-CM115-SPAUI



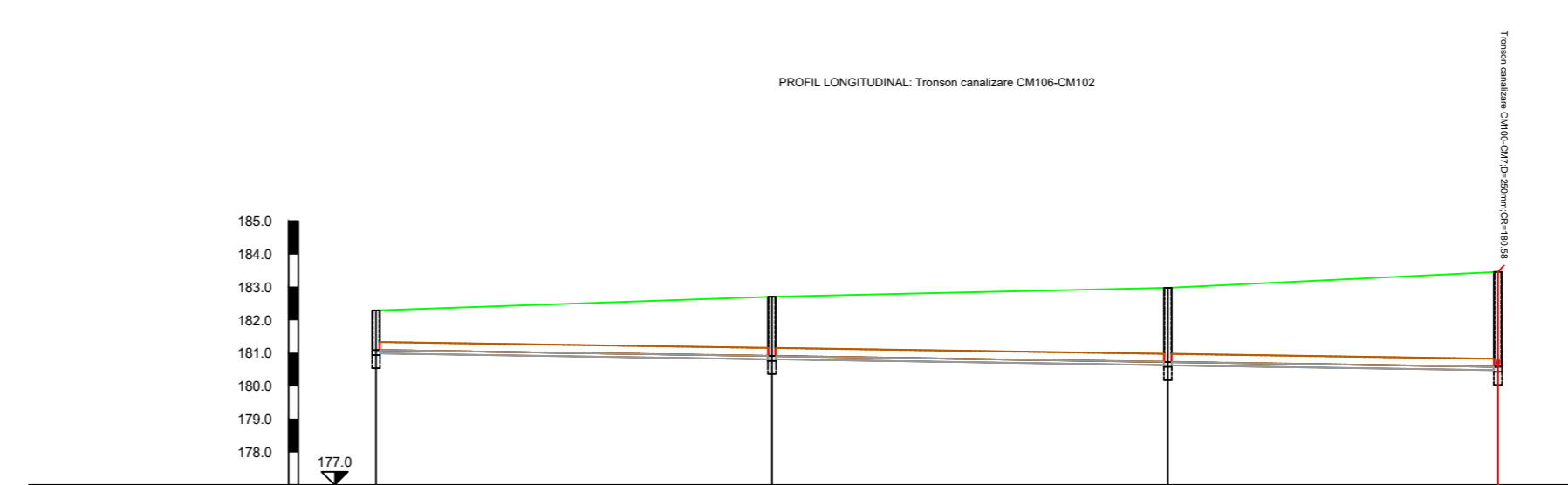
VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr.Proiect 73 / 2021
	S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO281TREZ1885089XXX00656			Amplasament:	Localitatea Dobra	Faza: SF
PROIECTAT	Ing. Ovidiu Hila			Titlu planşa:	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara	PL. Nr. PL-01
DESENAT	Ing. Ovidiu Hila			SCARA:	1:2000/200	
VERIFICAT	Ing. Alexandru Beg			DATA:	2021	



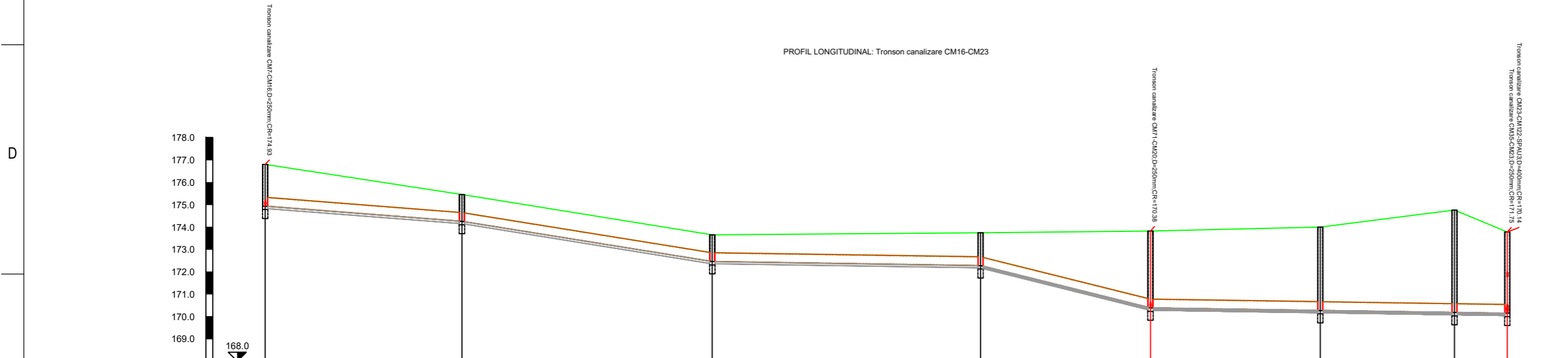
VERIFICATOR	NUME	SEMNTATURA	CERINTA	Beneficiar: COMUNA DOBRA, JUD. HUNEDOARA, Localitatea Dobra		Nr. Proiect: 73 / 2021	
			S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO28TRZ1885089XXX000656			Amplasament: Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara Titlu plansa:	
PROIECTAT	Ing. Ovidiu Hila		SCARA: 1:2000/200	Faza: SF			
DESEANAT	Ing. Ovidiu Hila		DATA: 2021	PL. Nr. PL-02			
VERIFICAT	Ing. Alexandru Beg		Profil longitudinal - Retea de canalizare menajera				



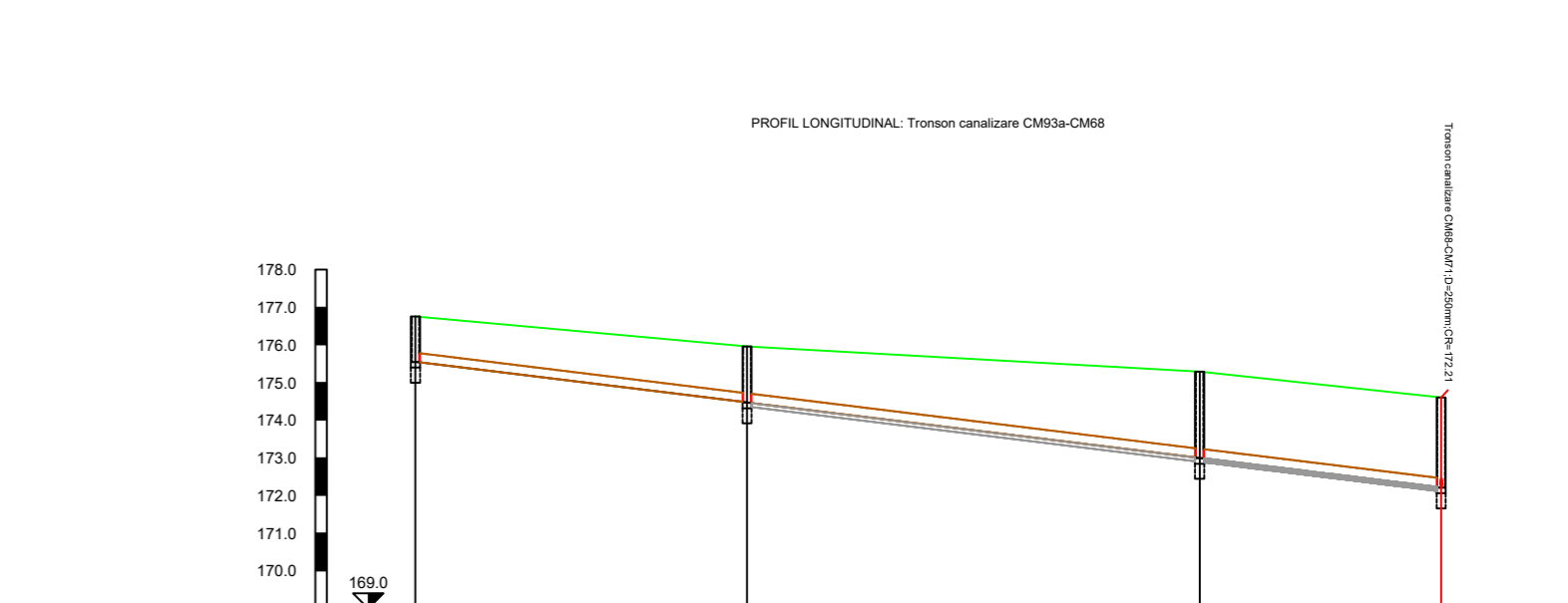
Nume	CM118	CM119	CM120	CM121	CM122-SPAUI3
Cota teren	176.71	177.46	176.54	173.76	171.81
Material conducta	PVC				
Diametru conducta	Dn 250 mm				
Cota radier	177.41	175.94	174.63	172.22	170.05
Adancime sapatura [m]	1.30	1.52	1.88	1.53	1.35
Cota sapatura	177.41	175.94	174.63	172.22	170.05
Lungimi partiale [m]		36	33	54	38
Lungimi cumulate [m]	00	36	69	123	161
Lungime totala/Panta	L = 123 m i = 42.63% L = 38 m i = 60.00%				



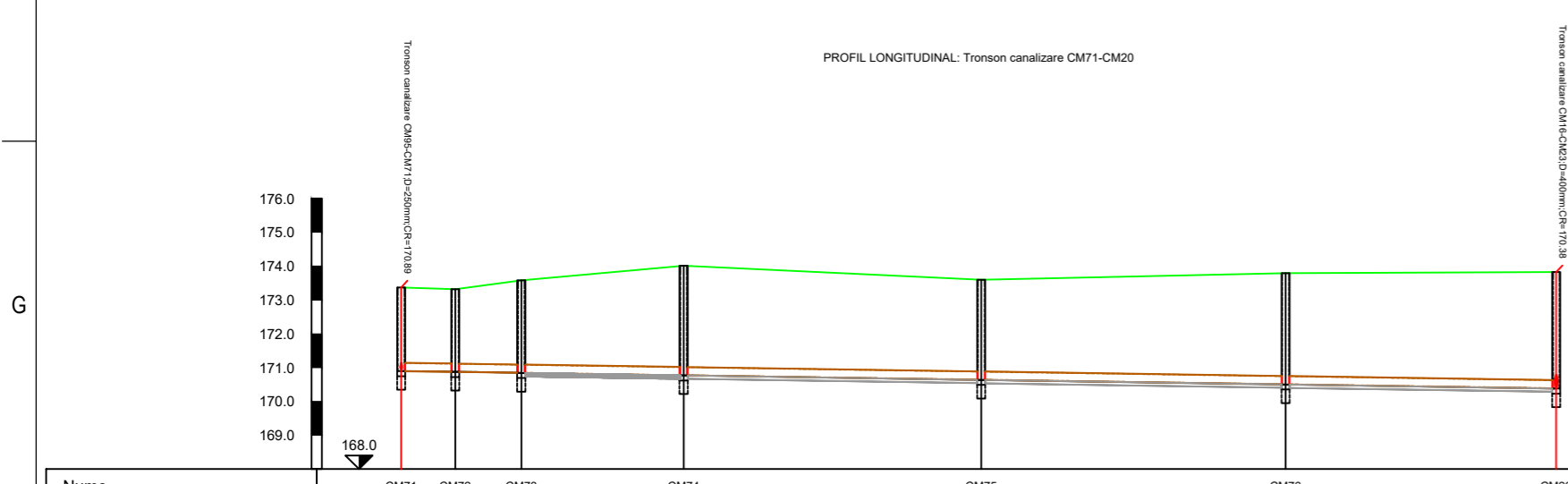
Nume	CM106	CM107	CM108	CM102
Cota teren	182.25	182.70	182.99	183.46
Material conducta	PVC			
Diametru conducta	Dn 250 mm			
Cota radier	180.95	180.91	180.71	180.55
Adancime sapatura [m]	1.30	1.89	2.34	2.98
Cota sapatura	180.95	180.91	180.63	180.46
Lungimi partiale [m]		60	60	50
Lungimi cumulate [m]	00	60	120	170
Lungime totala/Panta	L = 170 m i = 3.00%			



Nume	CM16	CM17	CM18	CM19	CM20	CM21	CM22	CM23
Cota teren	176.81	175.41	173.81	173.71	173.81	174.01	174.71	173.71
Material conducta	PVC							
Diametru conducta	Dn 400 mm							
Cota radier	174.51	174.21	172.41	172.21	170.31	170.21	170.11	170.14
Adancime sapatura [m]	1.36	1.30	1.30	1.57	3.54	3.83	4.68	3.74
Cota sapatura	174.51	174.11	172.31	172.11	170.21	170.01	170.01	170.14
Lungimi partiale [m]		44	56	60	38	38	30	12
Lungimi cumulate [m]	00	44	100	160	198	236	266	278
Lungime totala/Panta	L = 44 m i = 15.49% L = 56 m i = 32.10% L = 60 m i = 3.00% L = 38 m i = 49.79% L = 68 m i = 2.99% L = 12 m i = 3.00%							



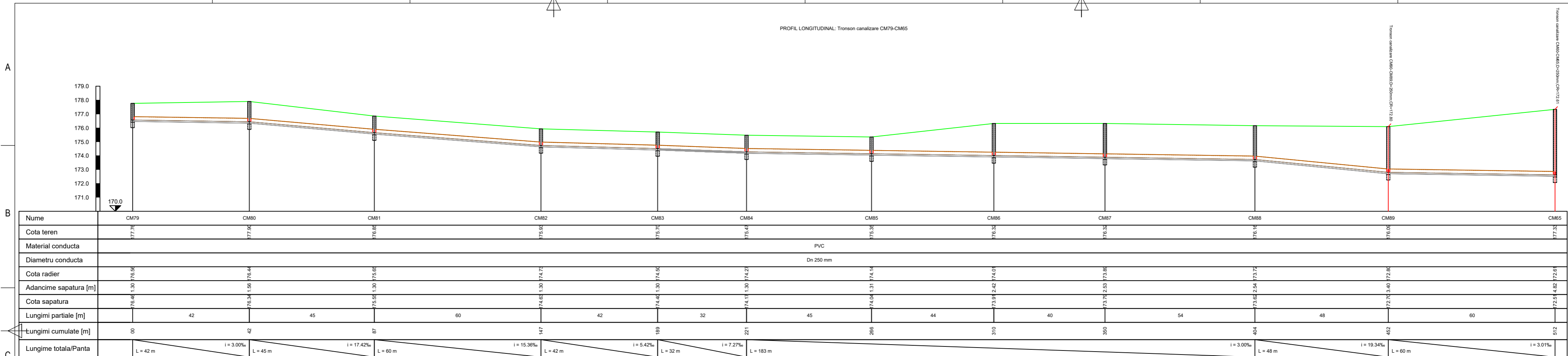
Nume	CM93a	CM93	CM94	CM68
Cota teren	176.71	175.91	175.21	174.61
Material conducta	PVC			
Diametru conducta	Dn 250 mm			
Cota radier	175.51	174.41	172.81	172.21
Adancime sapatura [m]		1.59	2.40	2.49
Cota sapatura	175.51	174.31	172.41	172.21
Lungimi partiale [m]		44	60	32
Lungimi cumulate [m]	00	44	104	136
Lungime totala/Panta	L = 136 m i = 24.53%			



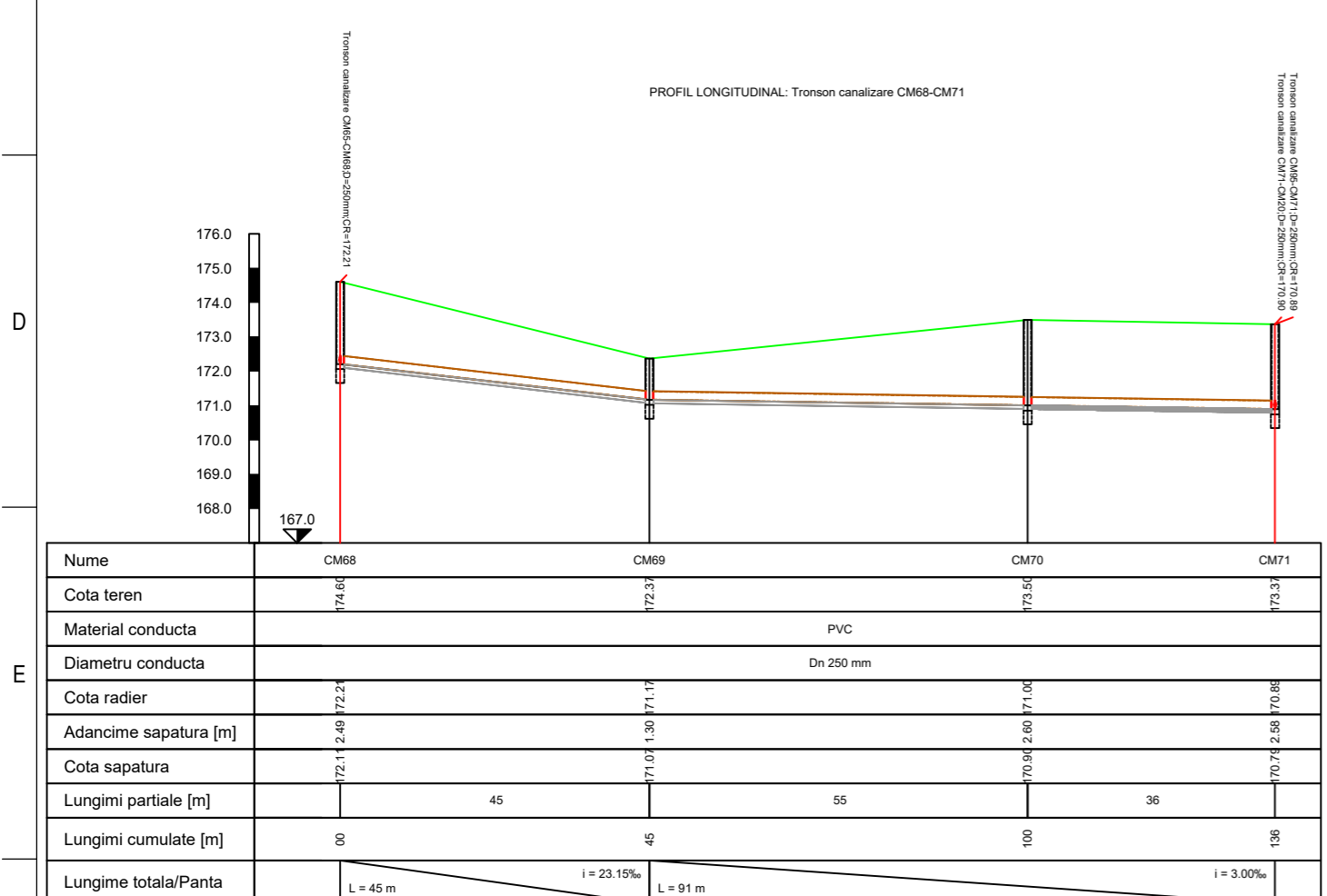
Nume	CM71	CM72	CM73	CM74	CM75	CM76	CM20
Cota teren	173.31	173.31	173.55	174.01	173.61	173.81	173.81
Material conducta	PVC						
Diametru conducta	Dn 250 mm						
Cota radier	170.71	170.81	170.81	170.61	170.51	170.41	170.31
Adancime sapatura [m]	2.38	2.50	2.74	3.40	3.10	3.40	3.50
Cota sapatura	170.71	170.81	170.81	170.61	170.51	170.41	170.31
Lungimi partiale [m]	8	10	24	44	45	40	
Lungimi cumulate [m]	00	08	18	62	107	147	171
Lungime totala/Panta	L = 171 m i = 3.00%						

VERIFICATOR	NUME	SEMNETURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA	Nr. Proiect:	73 / 2021
	S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO281TREZ1885089XXX000656			Amplasament:	Localitatea Dobra	Faza:	SF
PROIECTAT	Ing. Ovidiu Hila			Titlu proiect:	Infintarea retelelor de apa uzata si stie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara	PL. Nr.:	PL-03
DESEINAT	Ing. Ovidiu Hila			SCARA:	1:2000/200		
VERIFICAT	Ing. Alexandru Beg			DATA:	2021		

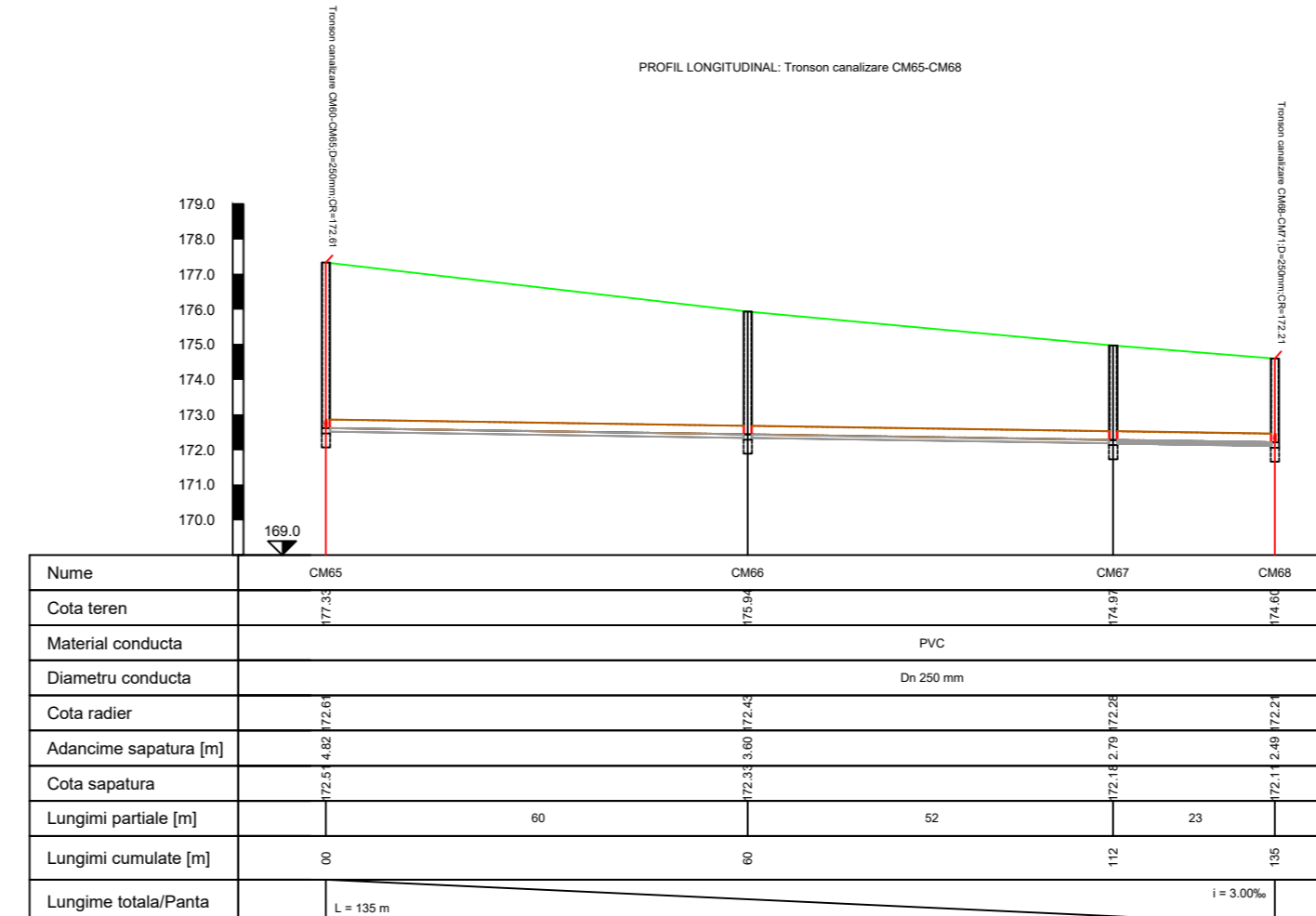
PROFIL LONGITUDINAL: Tronson canalizare CM79-CM85



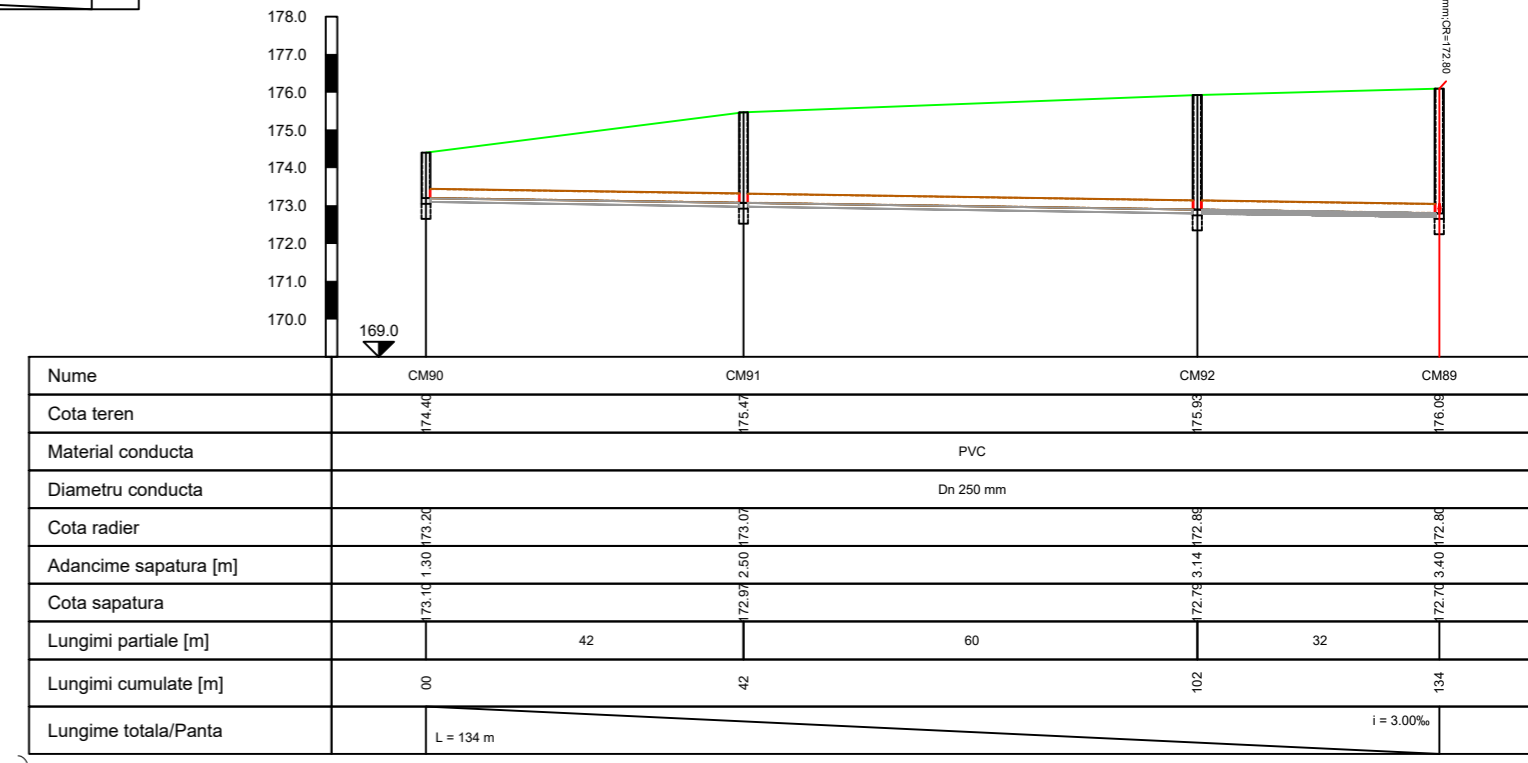
PROFIL LONGITUDINAL: Tronson canalizare CM68-CM71



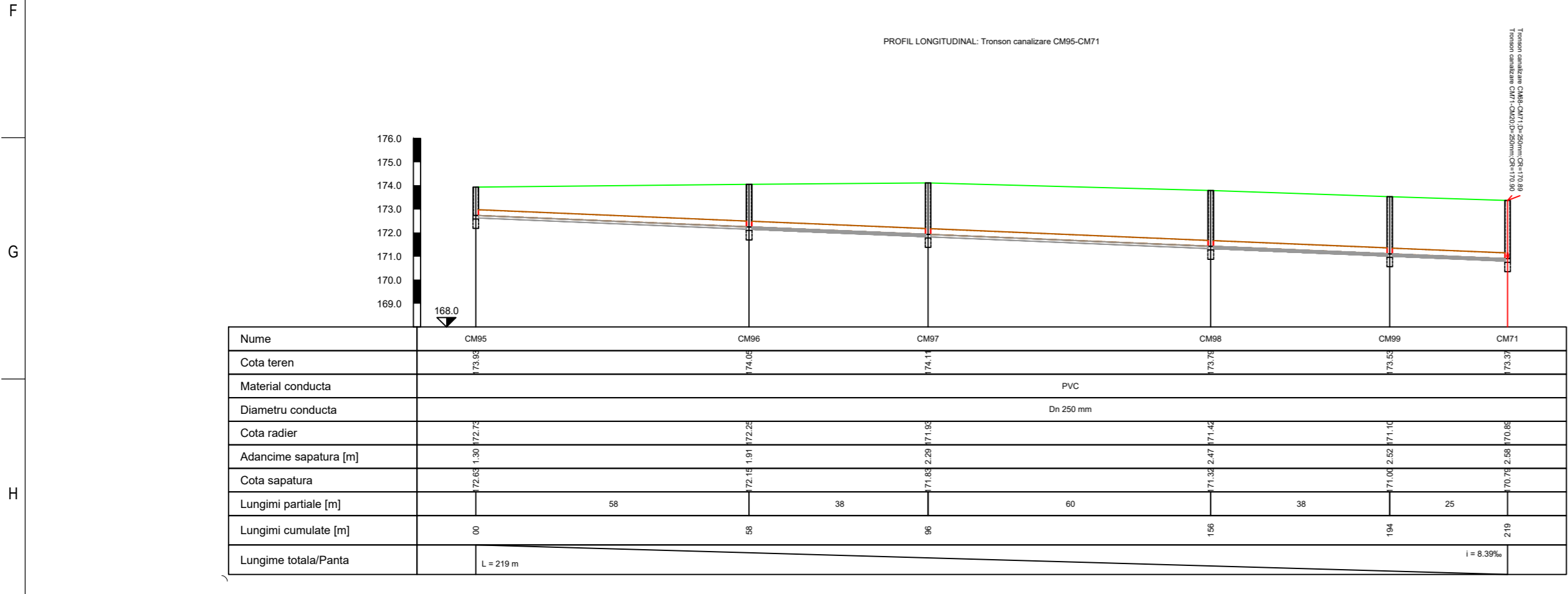
PROFIL LONGITUDINAL: Tronson canalizare CM65-CM68



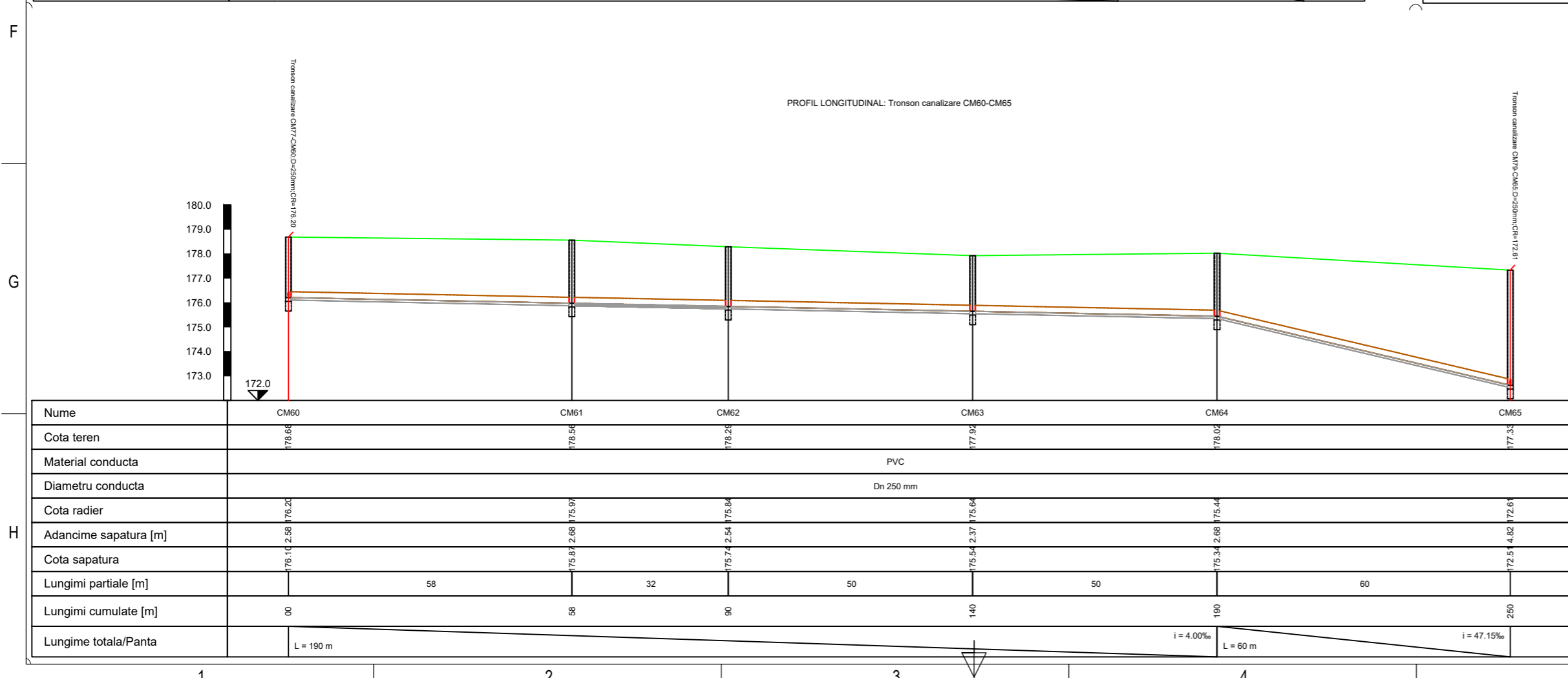
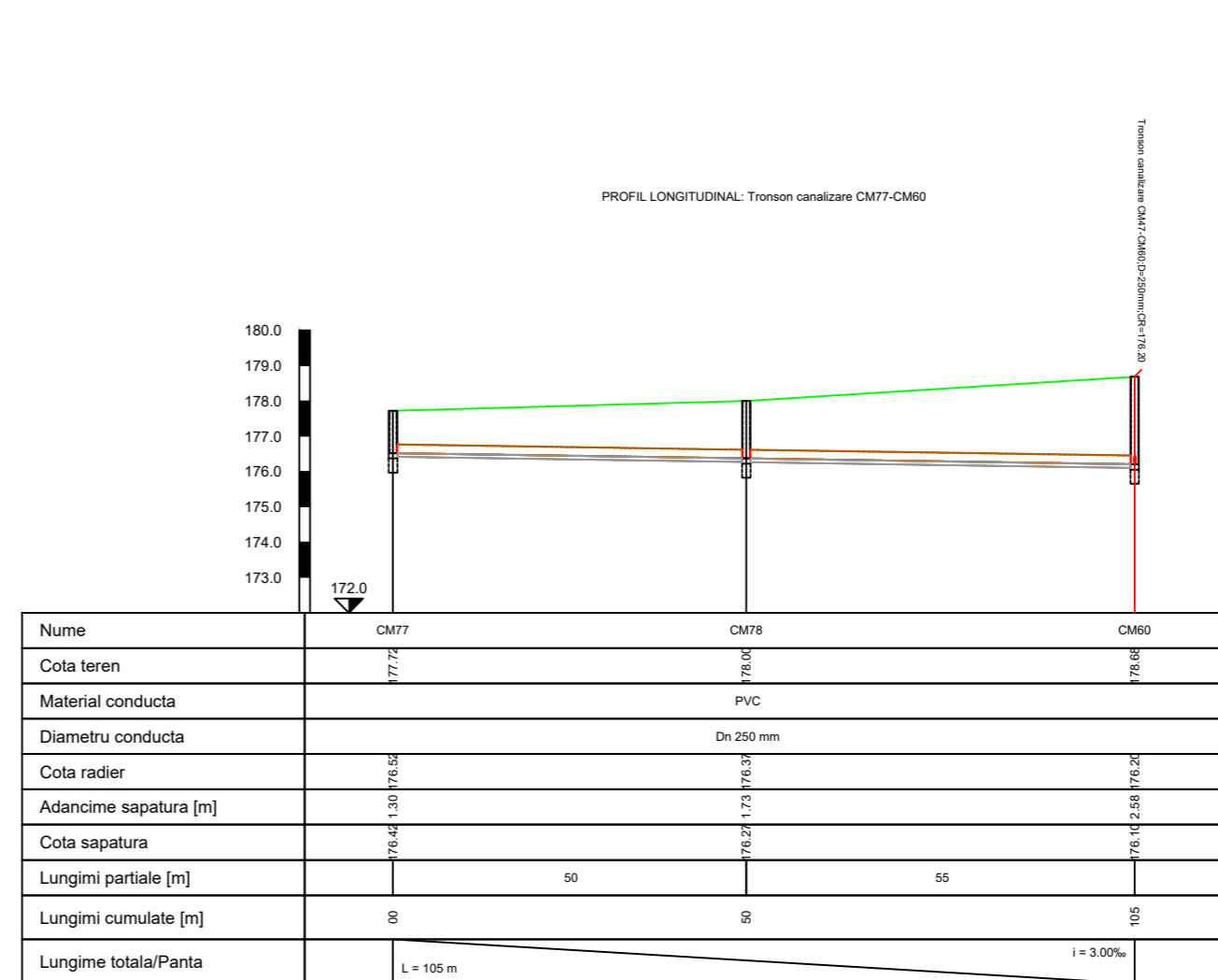
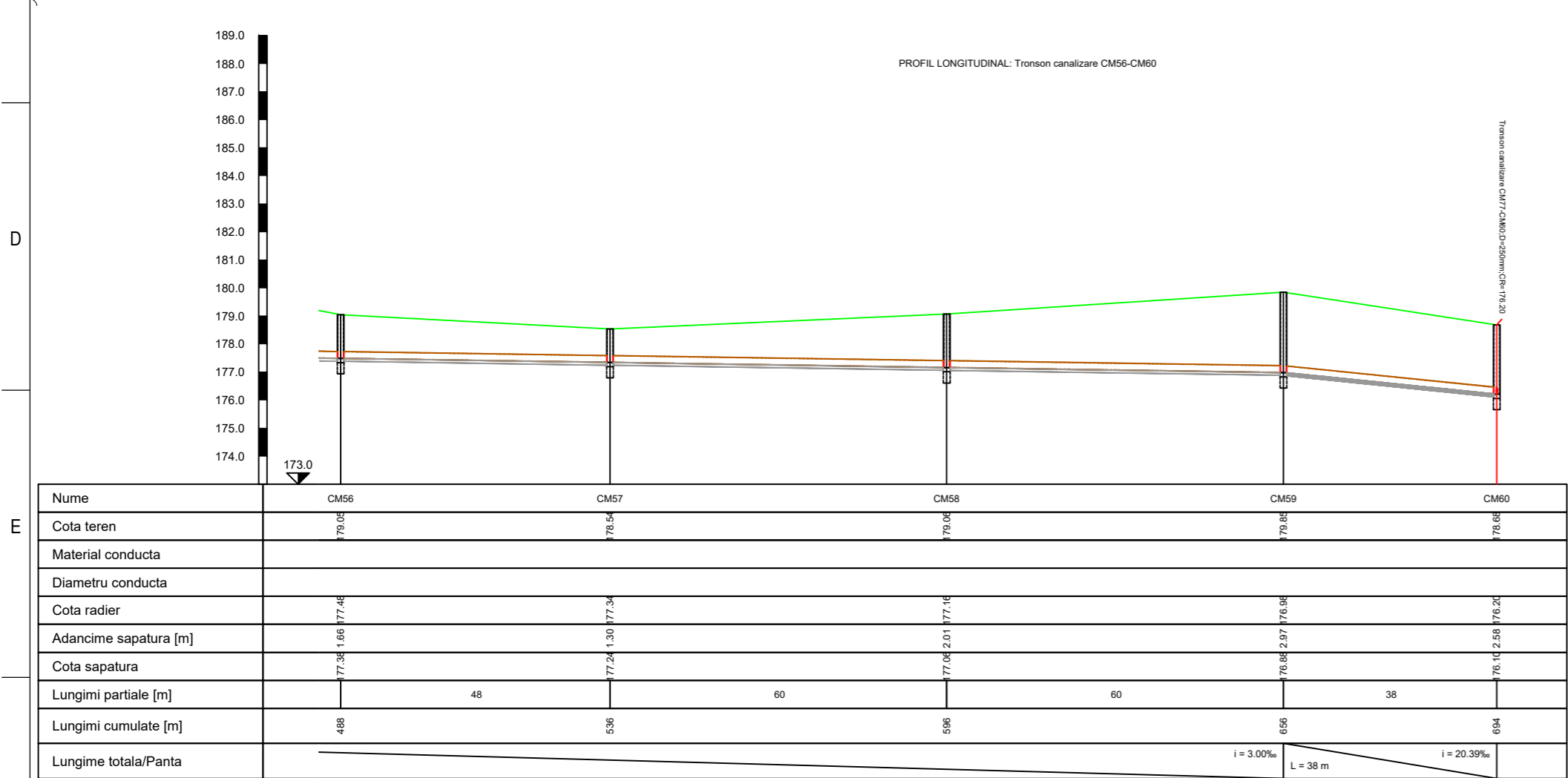
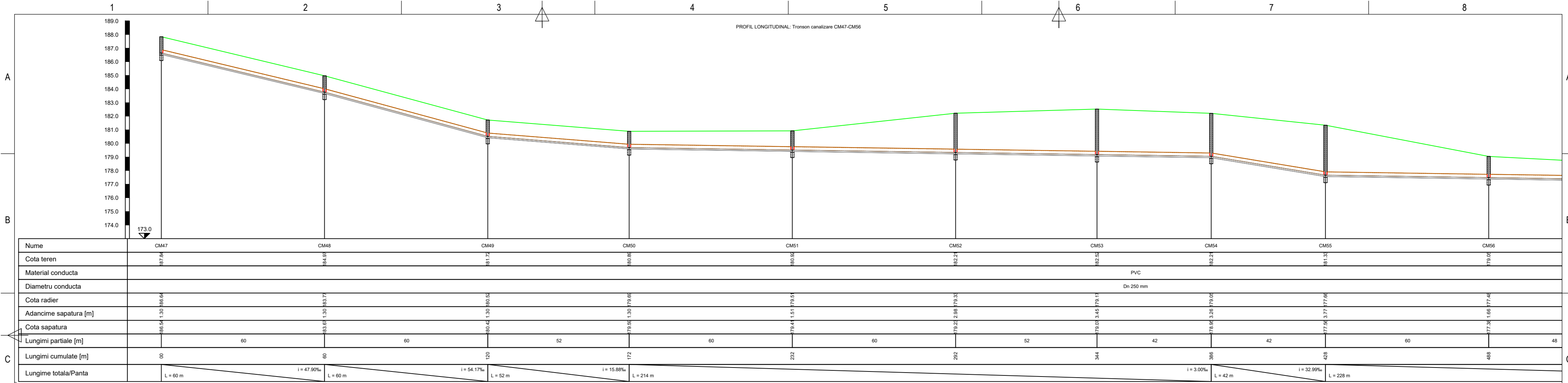
PROFIL LONGITUDINAL: Tronson canalizare CM90-CM89



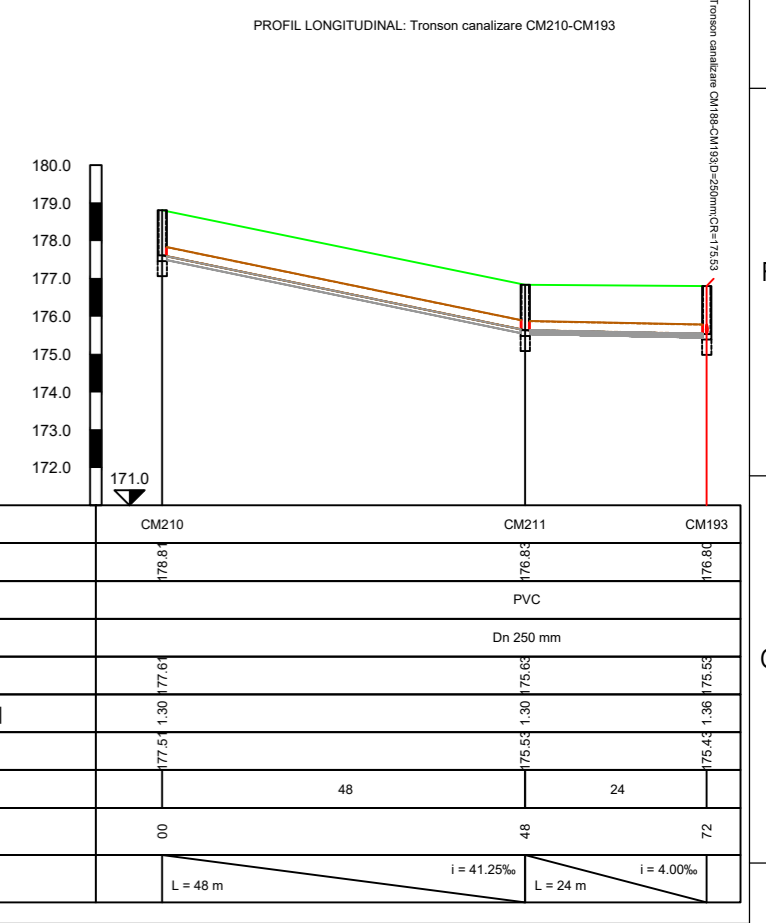
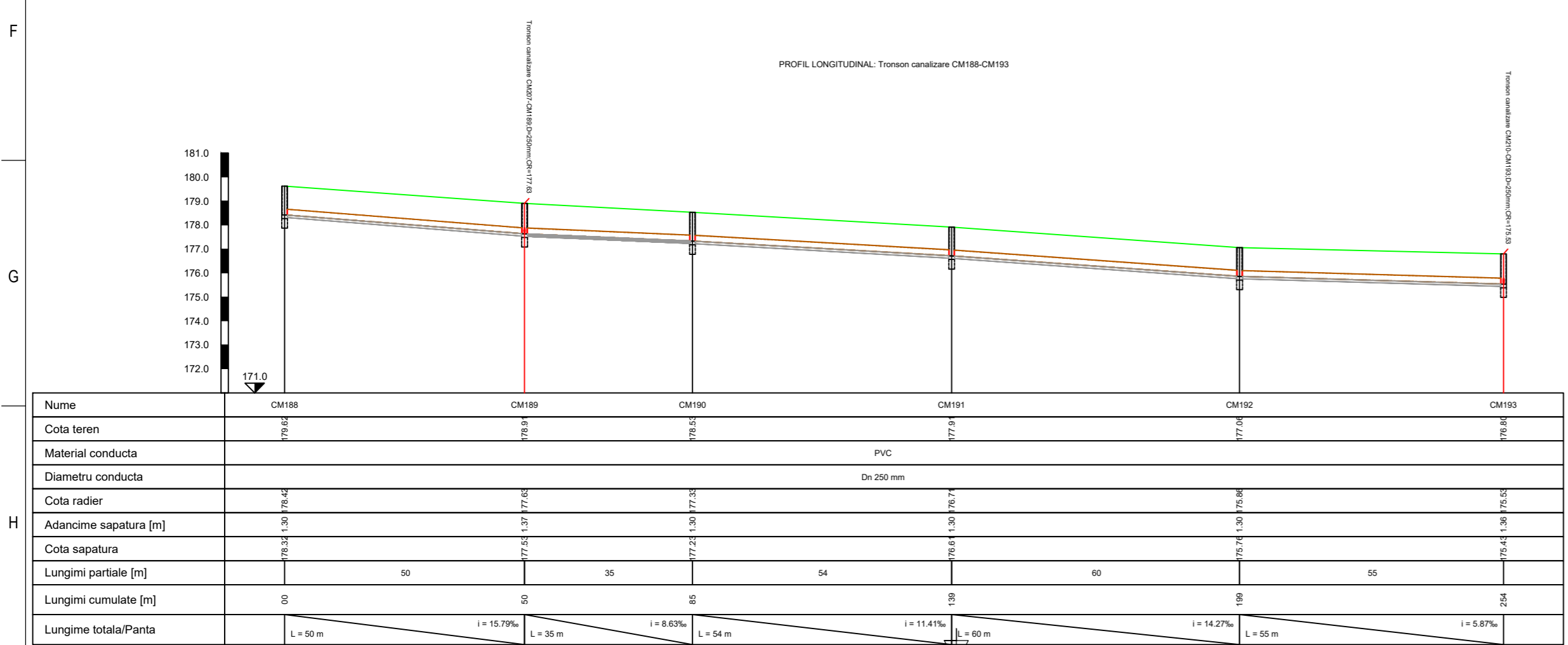
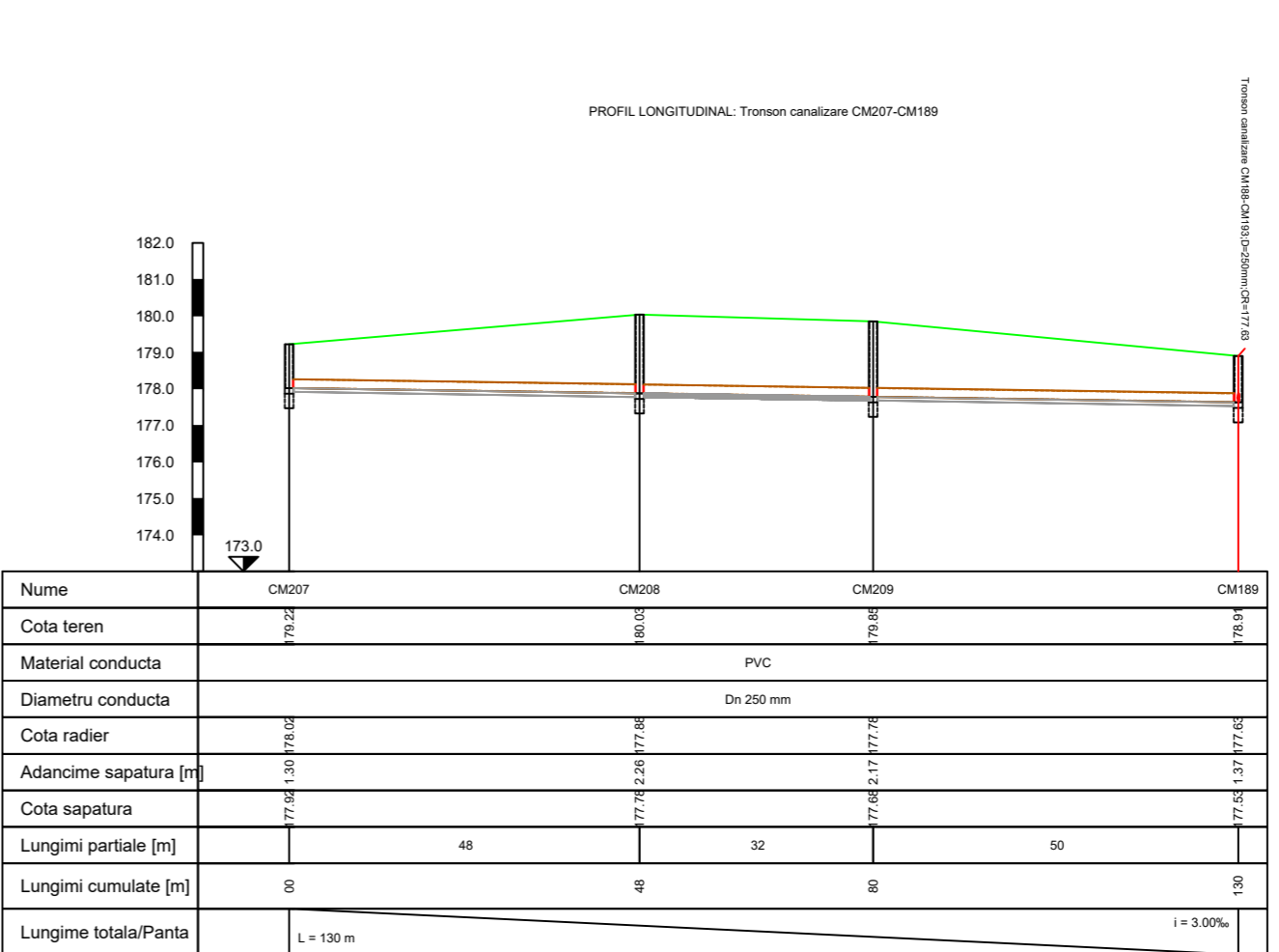
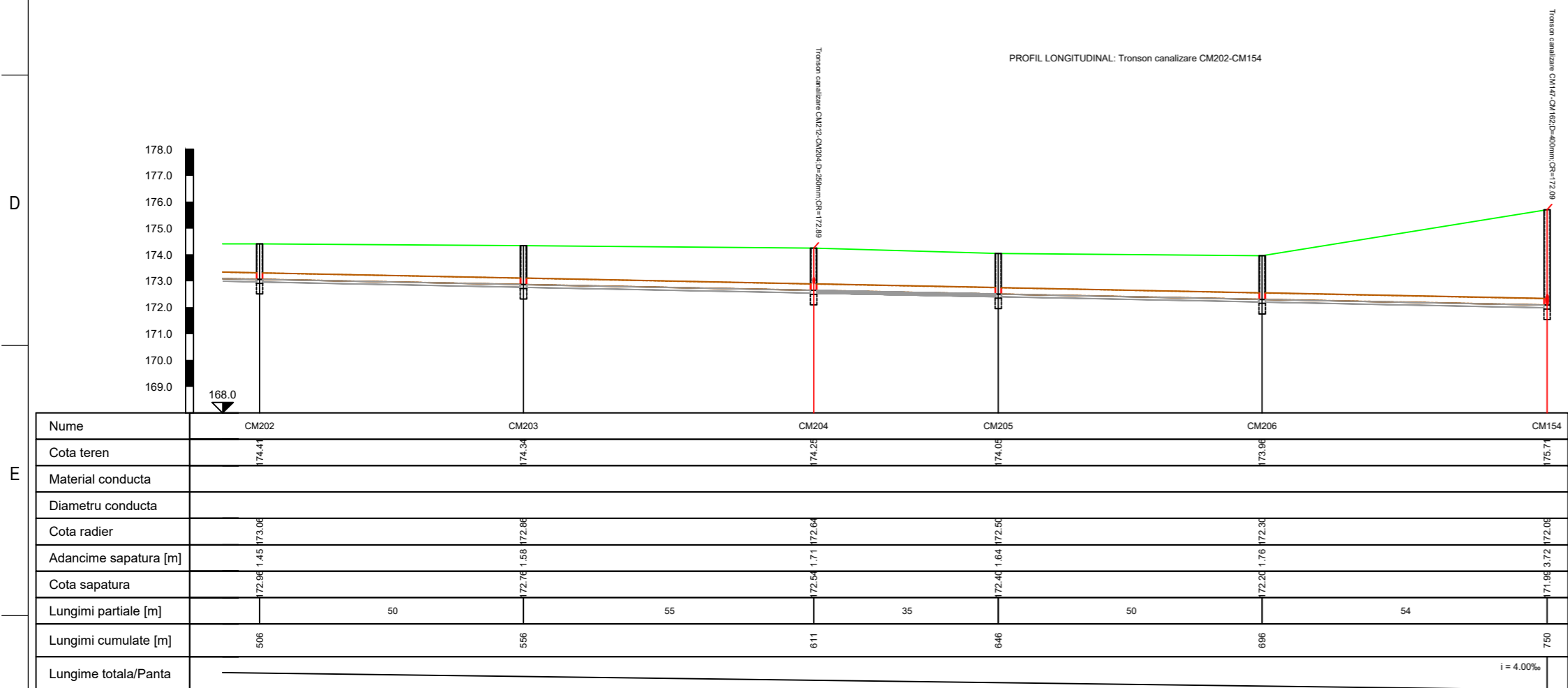
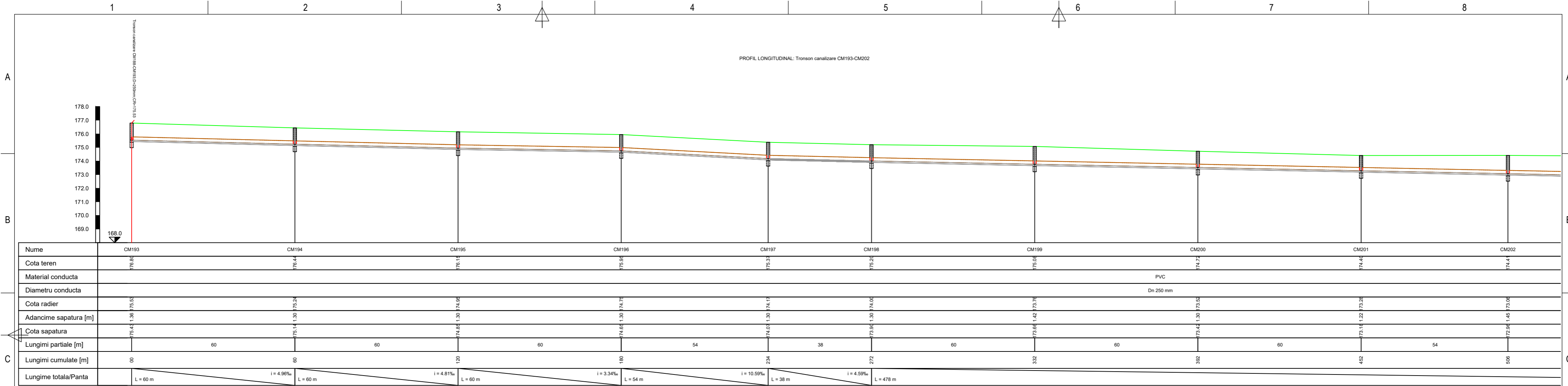
PROFIL LONGITUDINAL: Tronson canalizare CM95-CM71



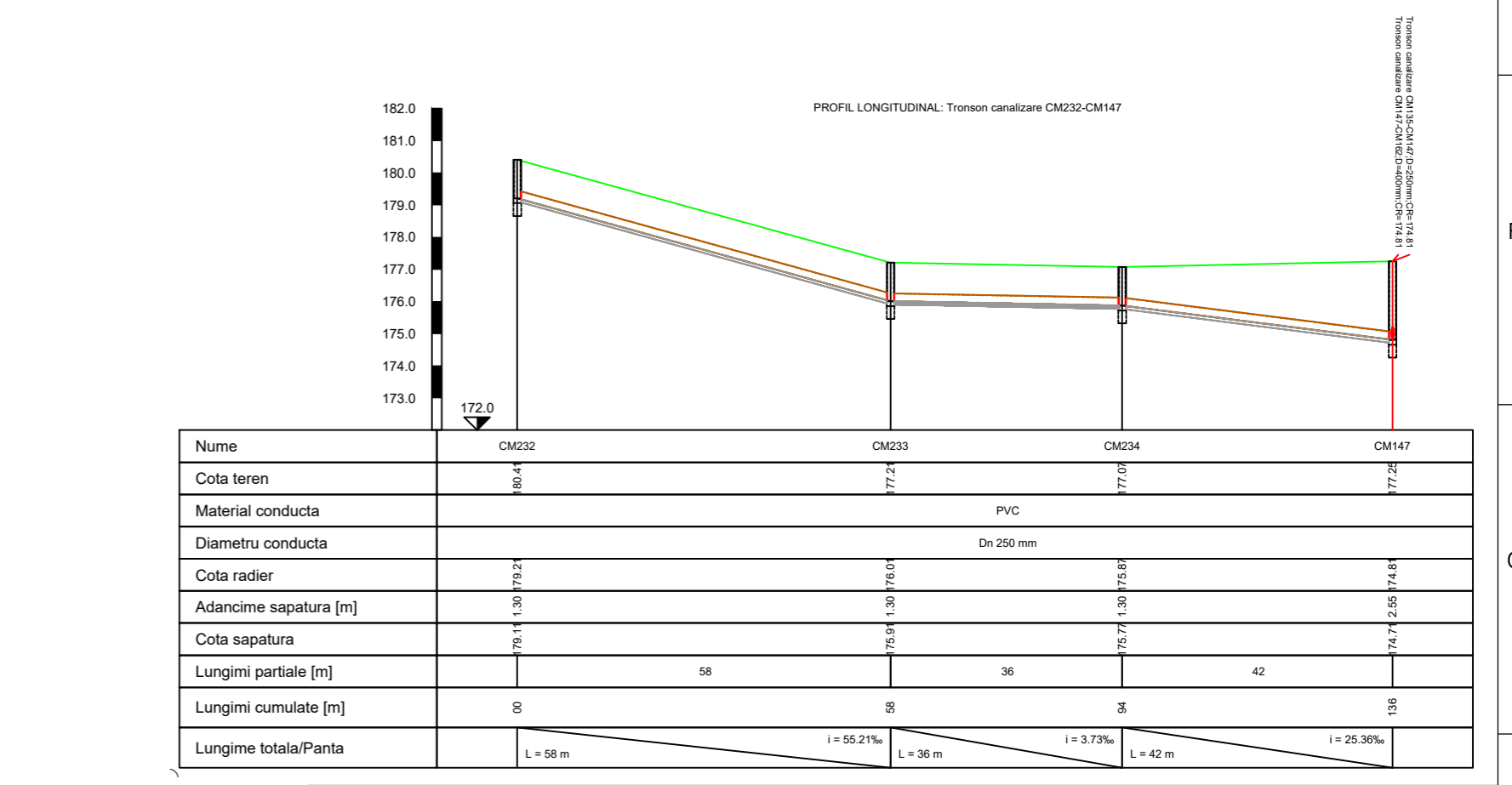
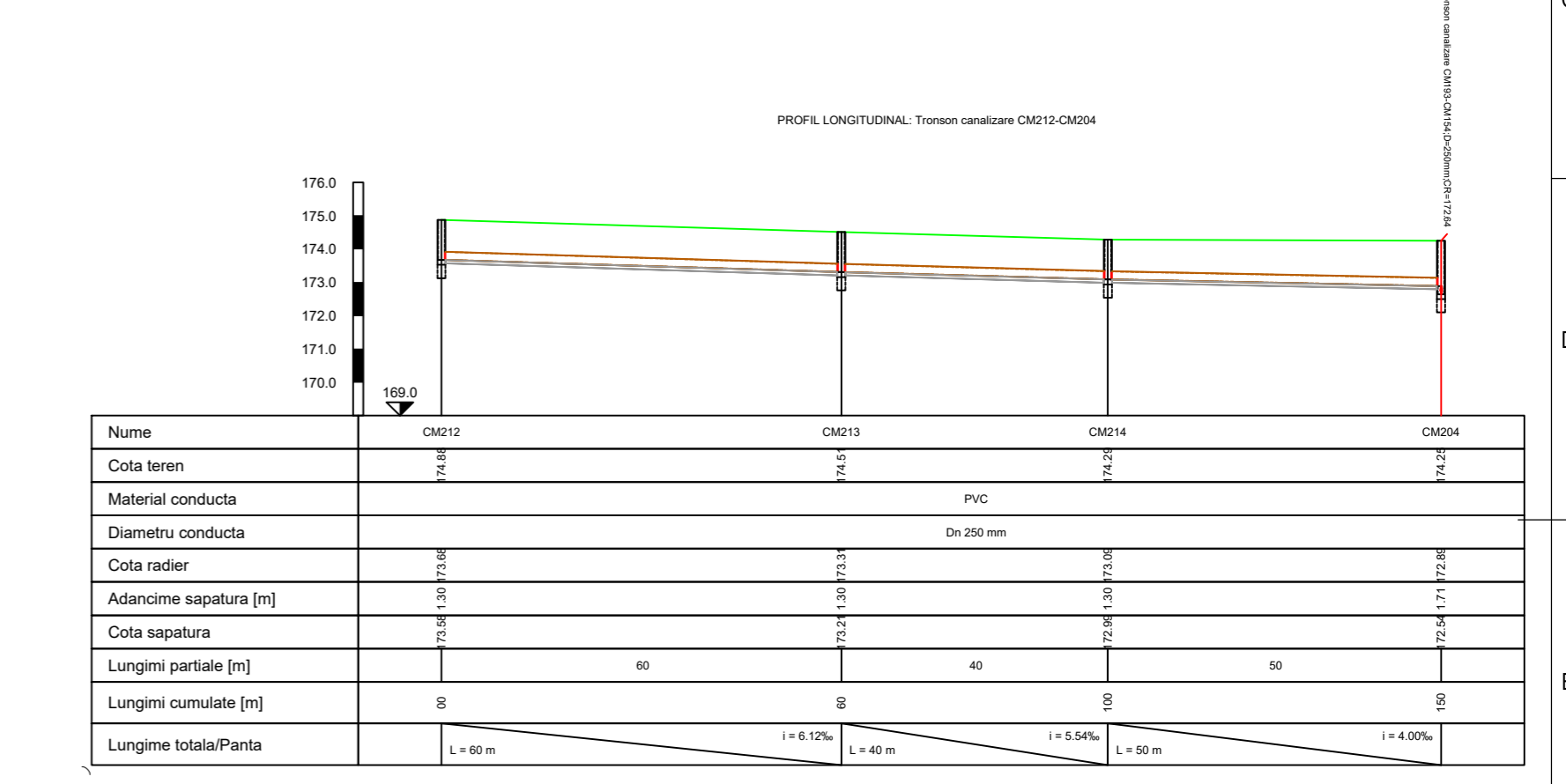
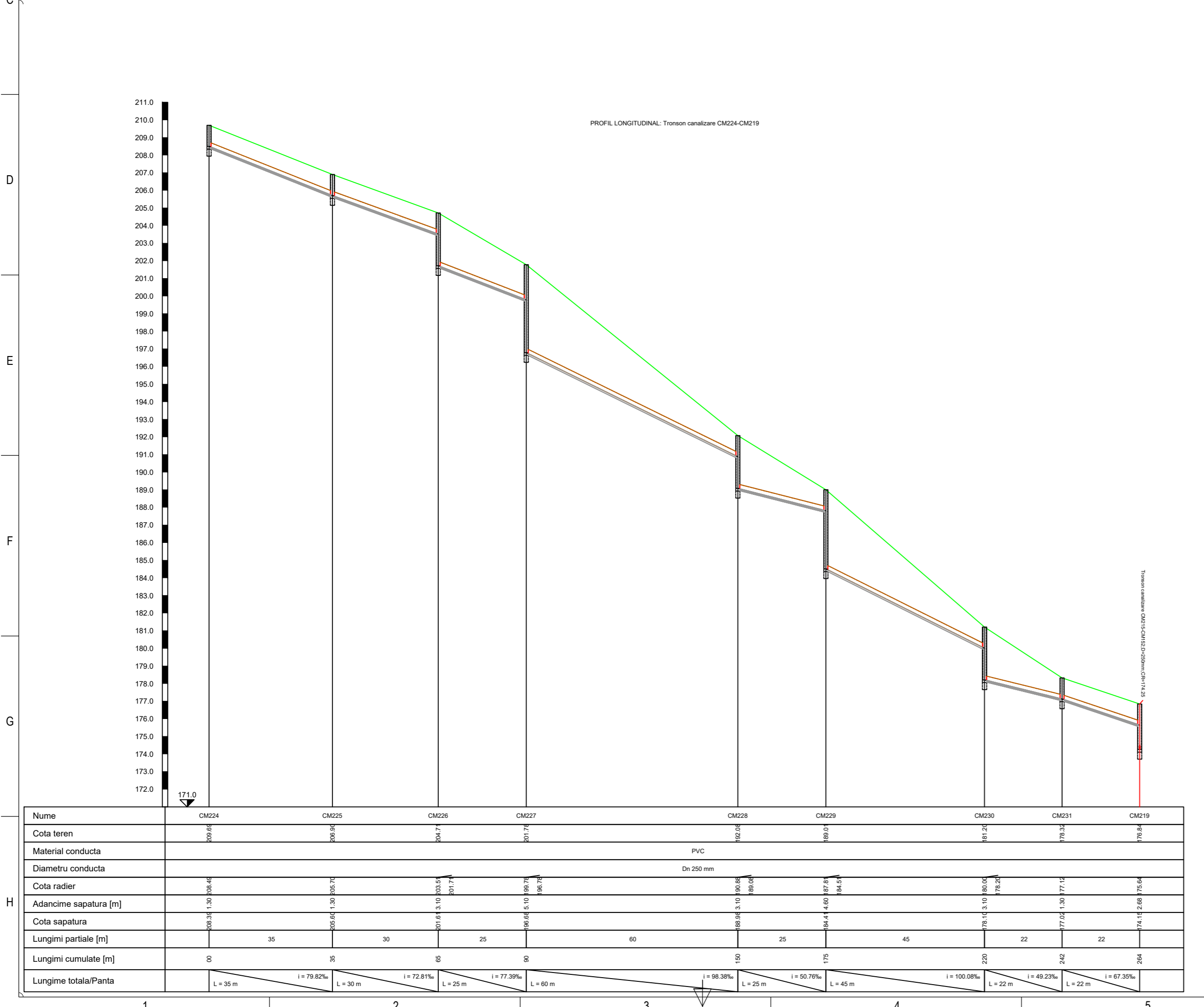
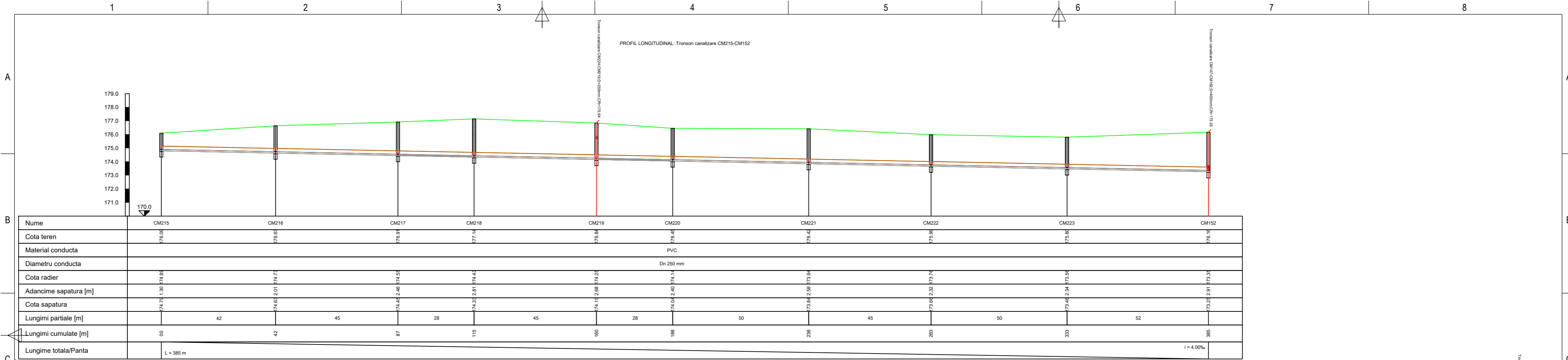
VERIFICATOR	NUME	SEMNTATURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA	Nr. Proiect:	73 / 2021
SILVIU DESIGN	S.C. SILVIU PROCON DESIGN S.R.L.	<i>[Signature]</i>	<i>[Signature]</i>	Amplasament:	Localitatea Dobra	Faza:	SF
PROIECTAT	Ing. Ovidiu Hila	<i>[Signature]</i>	SCARA:	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara		PL. Nr.:	PL-04
DESENAT	Ing. Ovidiu Hila	<i>[Signature]</i>	1:2000/200	Titlu planșă:	Profile longitudinale - Retea de canalizare menajera		
VERIFICAT	Ing. Alexandru Beg	<i>[Signature]</i>	DATA:	2021			



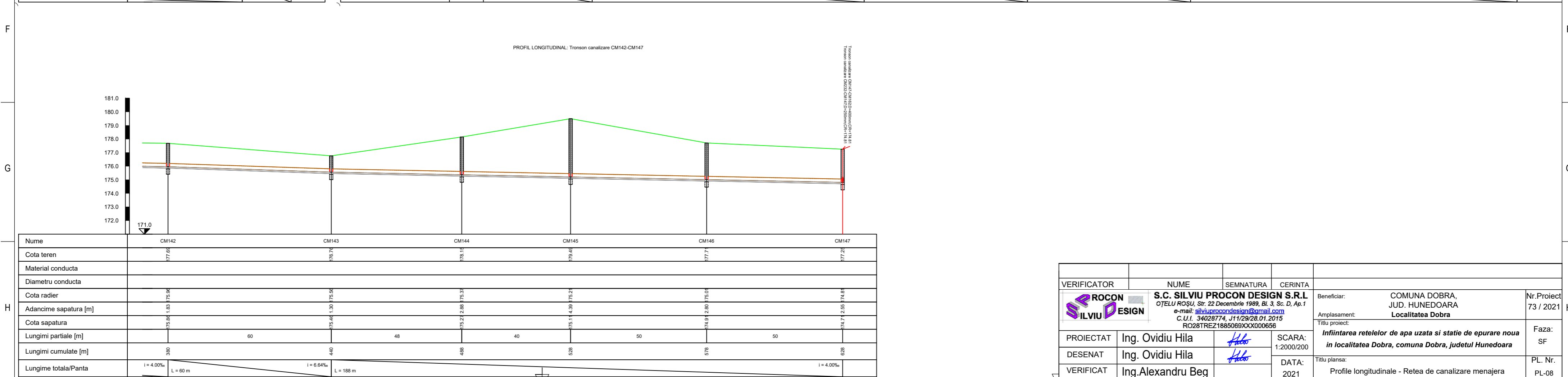
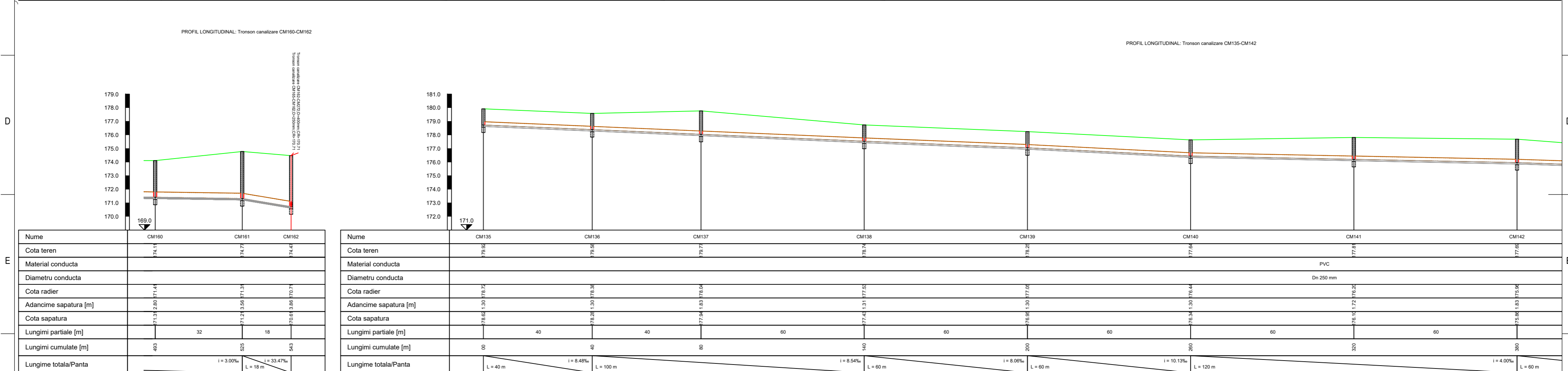
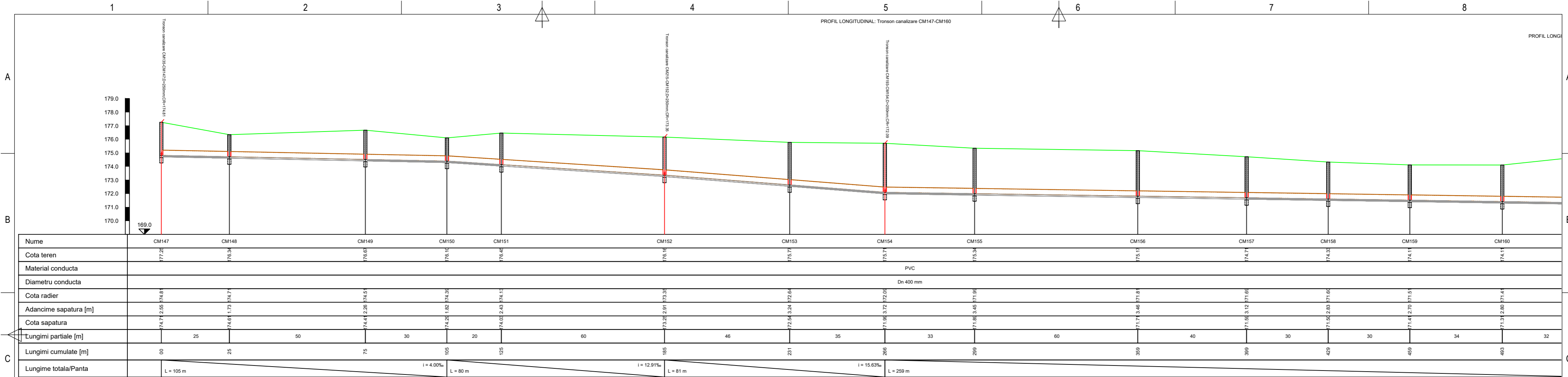
VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar: COMUNA DOBRA, JUD. HUNEDOARA		Nr. Proiect: 73 / 2021
	S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29.01.2015 RO281REZ1885089XXX000656			Amplasament: LOCALITATEA DOBRA Titlu proiect:		Faza: SF
	PROIECTAT	Ing. Ovidiu Hila		SCARA: 1:2000/200	in localitatea Dobra, comuna Dobra, judetul Hunedoara Titlu plansa:	
DESEANAT	Ing. Ovidiu Hila		DATA: 2021	Profile longitudinale - Retea de canalizare menajera PL. Nr. PL-05		
VERIFICAT	Ing. Alexandru Beg					



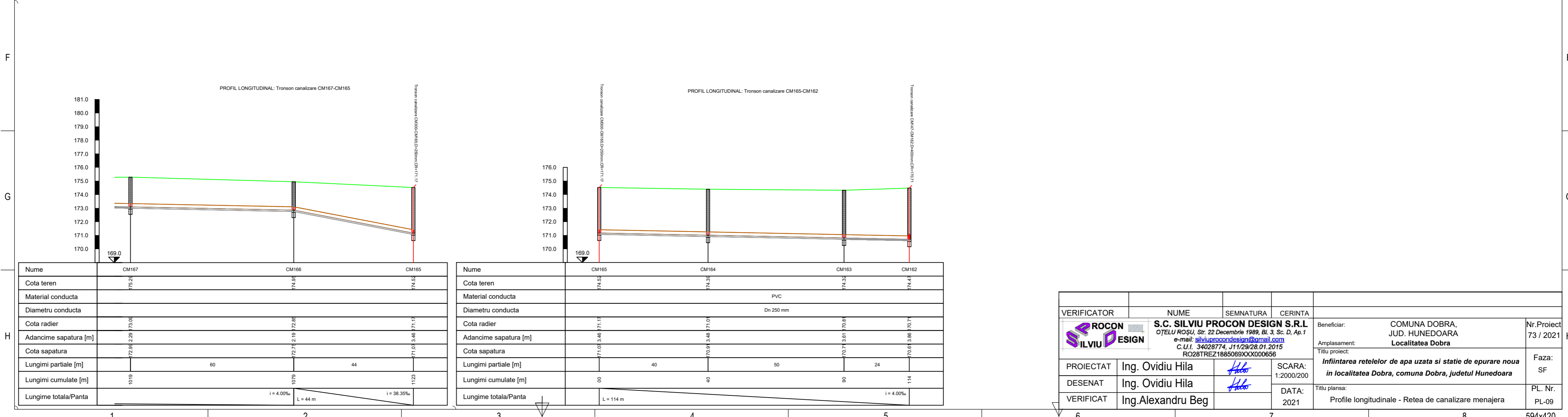
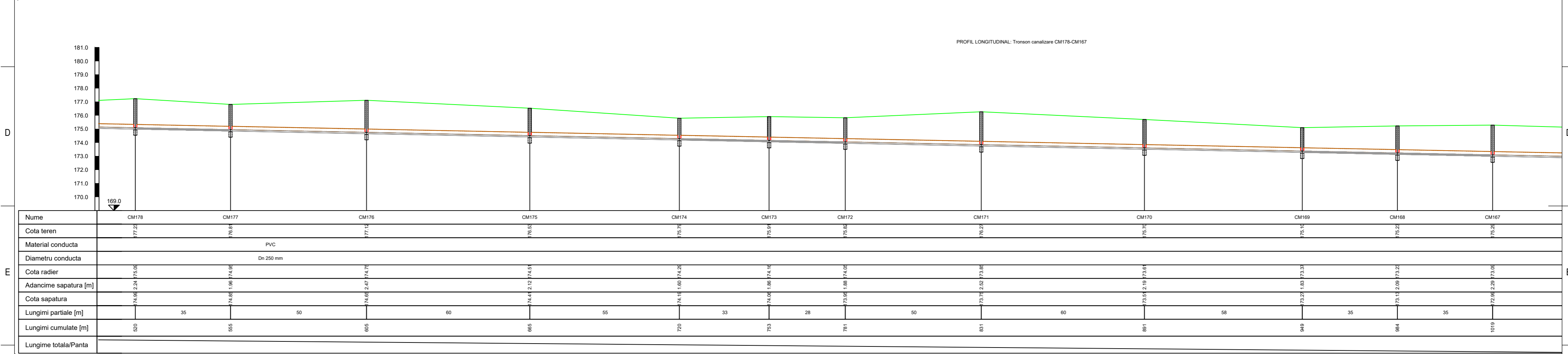
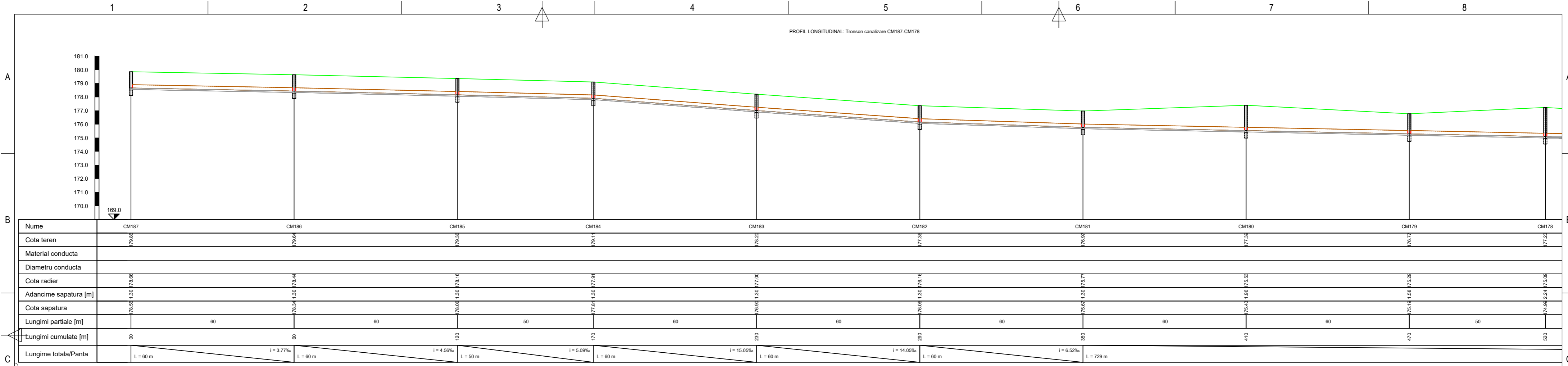
VERIFICATOR	NUME	SEMNTATURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr.Proiect	73 / 2021
SILVIU DESIGN	S.C. SILVIU PROCON DESIGN S.R.L. OJELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO281REZ1885089XXX00656	<i>[Signature]</i>	<i>[Signature]</i>	Amplasament:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Faza:	SF
PROIECTAT	Ing. Ovidiu Hila	<i>[Signature]</i>	SCARA:	Titlu planșă:	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara	PL. Nr.	PL-06
DESEANAT	Ing. Ovidiu Hila	<i>[Signature]</i>	1:2000/200	DATA:	2021		
VERIFICAT	Ing. Alexandru Beg	<i>[Signature]</i>					



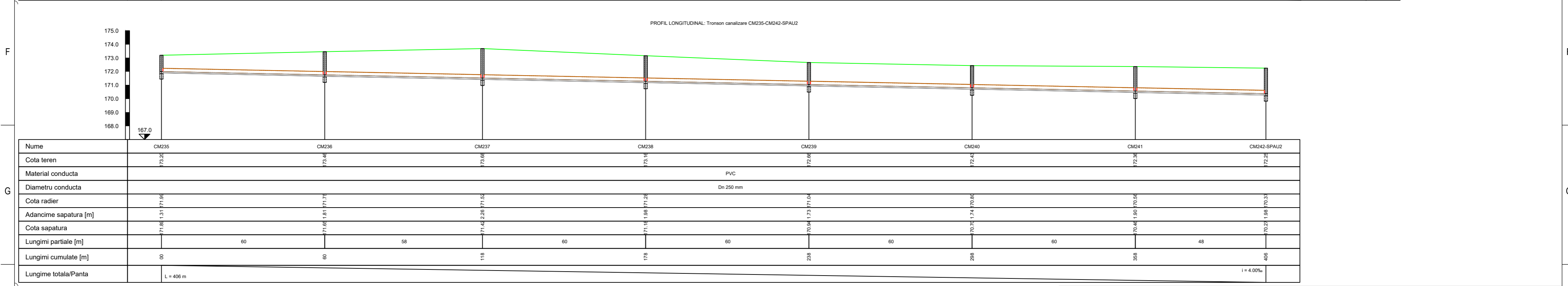
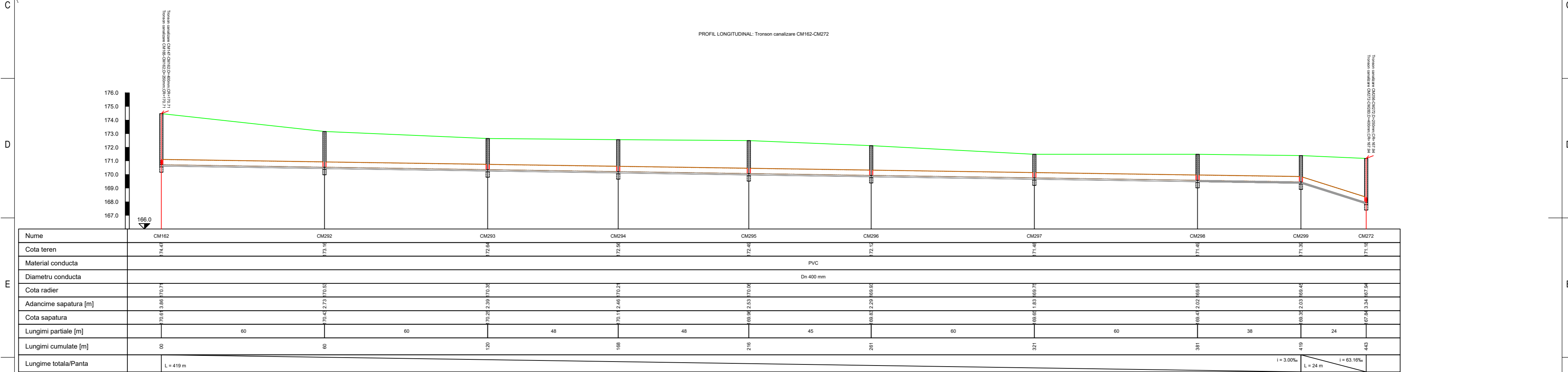
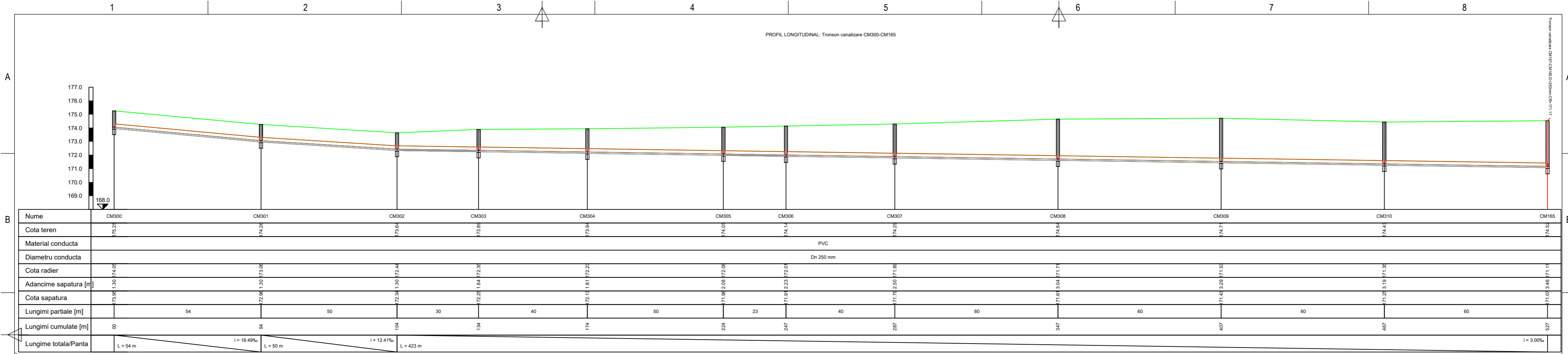
VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA	Nr. Proiect:	73 / 2021
SILVIU DESIGN	S.C. SILVIU PROCON DESIGN S.R.L.	<i>[Signature]</i>	<i>[Signature]</i>	Amplasament:	Localitatea Dobra	Faza:	SF
PROIECTAT	Ing. Ovidiu Hila	<i>[Signature]</i>	SCARA:	Titlu proiect:			Infintarea retelelor de apa uzata si stie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara
DESEANAT	Ing. Ovidiu Hila	<i>[Signature]</i>	1:2000/200	DATA:	2021		
VERIFICAT	Ing. Alexandru Beg	<i>[Signature]</i>		Titlu plansa:			Profile longitudinale - Retea de canalizare menajera
						PL. Nr.	PL-07



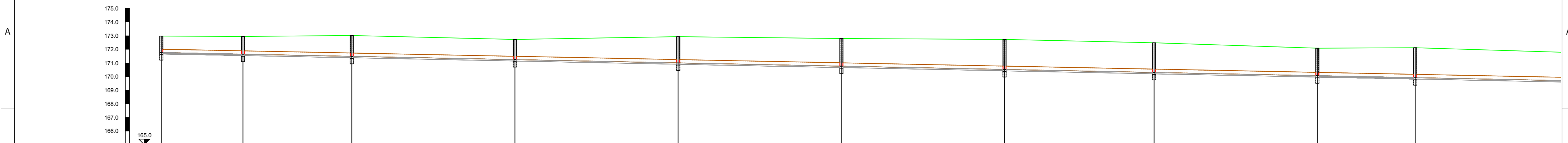
VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA	Nr.Proiect:	73 / 2021
SILVIU DESIGN	S.C. SILVIU PROCON DESIGN S.R.L.			Amplasament:	Localitatea Dobra	Faza:	SF
	OJELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1			Titlu proiect:	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara	PL. Nr.:	PL-08
PROIECTAT	Ing. Ovidiu Hila			SCARA:	1:2000/200	DATA:	2021
DESEINAT	Ing. Ovidiu Hila			Titlu plansa:	Profile longitudinale - Retea de canalizare menajera		
VERIFICAT	Ing. Alexandru Beg						



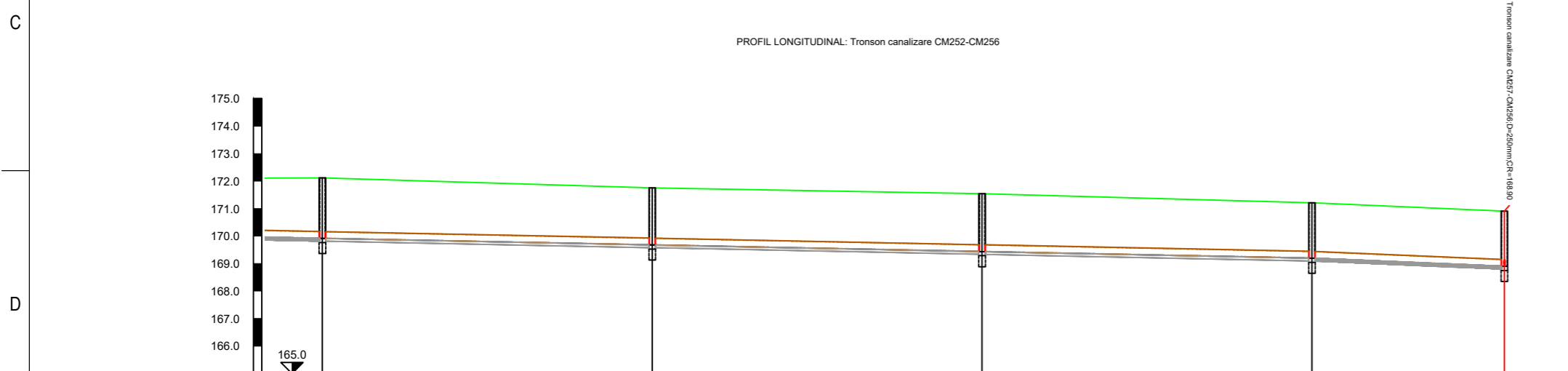
VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr.Proiect 73 / 2021
	S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO28TREZ1885089XXX00656			Amplasament:	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara	Faza: SF
PROIECTAT	Ing. Ovidiu Hila		SCARA:	Titlu plansa:	Profile longitudinale - Retea de canalizare menajera	PL. Nr. PL-09
DESEANAT	Ing. Ovidiu Hila		1:2000/200	DATA:		
VERIFICAT	Ing. Alexandru Beg		2021			



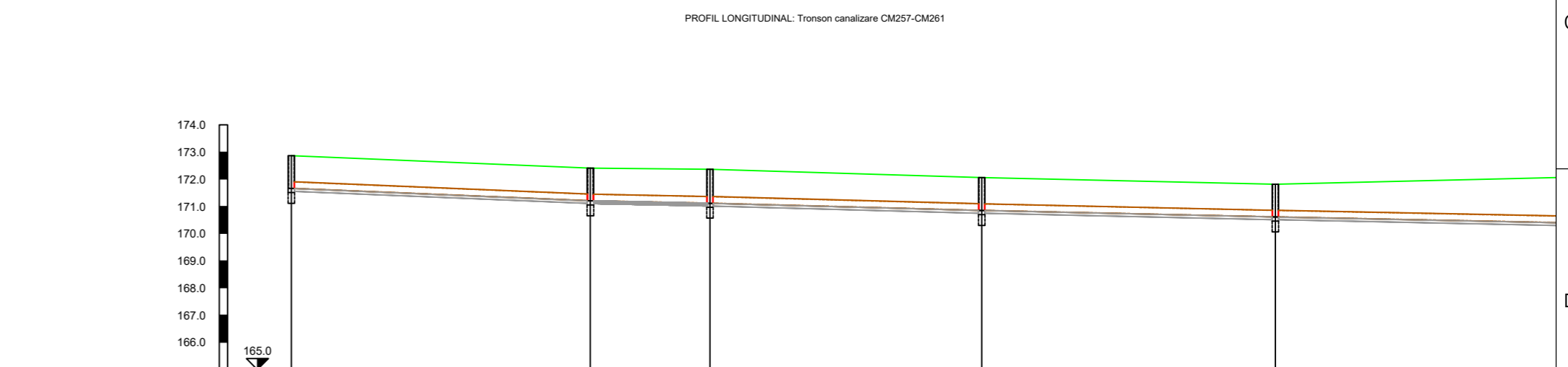
VERIFICATOR	NUME	SEM NATURA	CERINTA	Beneficiar: COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra Nr. Proiect: 73 / 2021		
	S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO281REZ1885089XXX00656				Faza: SF	
	PROIECTAT	Ing. Ovidiu Hila	SCARA:			Titlu planşa: Profile longitudinale - Retea de canalizare menajera
	DESEANAT	Ing. Ovidiu Hila	1:2000/200			
VERIFICAT	Ing. Alexandru Beg	DATA:	PL. Nr. PL-10			
				2021		



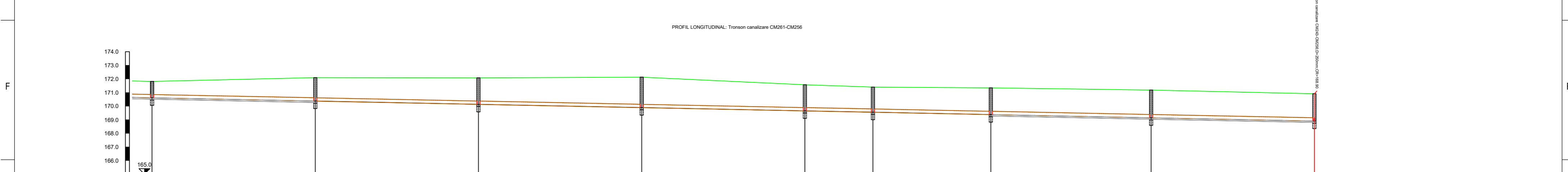
Nume	CM243	CM244	CM245	CM246	CM247	CM248	CM249	CM250	CM251	CM252
Cota teren	172.91	172.94	173.01	172.72	172.95	172.96	172.72	172.46	172.08	172.12
Material conducta	PVC									
Diametru conducta	Dn 250 mm									
Cota radier	171.66	171.54	171.46	171.14	170.95	170.74	170.55	170.28	170.04	169.98
Adancime sapatura [m]	1.31	1.40	1.63	1.69	2.03	2.14	2.31	2.28	2.13	2.30
Cota sapatura	170.35	170.14	169.83	169.45	168.92	168.60	168.24	167.96	167.91	167.68
Lungimi partiale [m]	30	40	60	60	60	60	55	60	36	60
Lungimi cumulate [m]	30	70	130	190	250	310	365	425	461	
Lungime totala/Panta	L = 641 m									



Nume	CM252	CM253	CM254	CM255	CM256
Cota teren	172.12	171.75	171.54	171.21	170.91
Material conducta					
Diametru conducta					
Cota radier	169.82	169.58	169.34	169.10	168.86
Adancime sapatura [m]	2.30	2.17	2.21	2.11	2.05
Cota sapatura	167.52	167.41	167.13	167.00	166.81
Lungimi partiale [m]	60	60	60	35	
Lungimi cumulate [m]	60	120	180	215	250
Lungime totala/Panta	i = 4.00‰ L = 35 m i = 8.52‰				

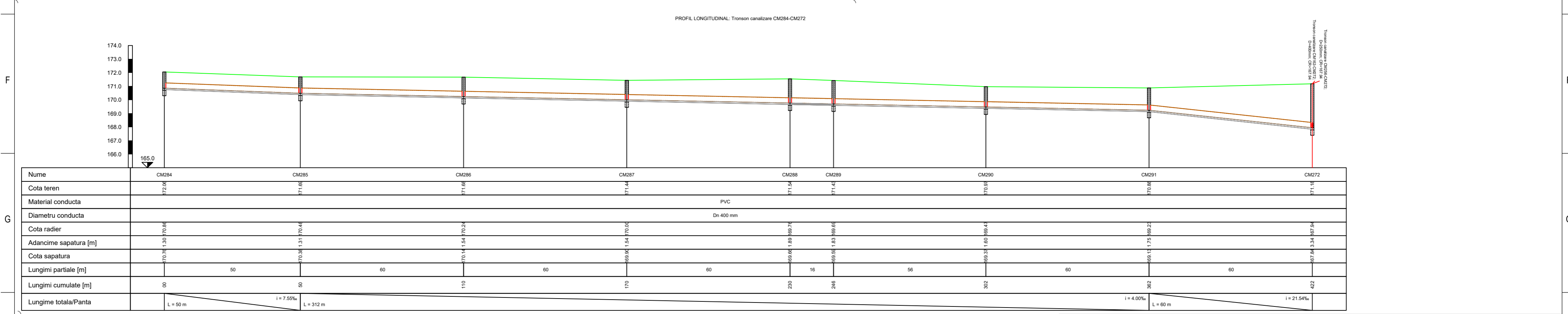
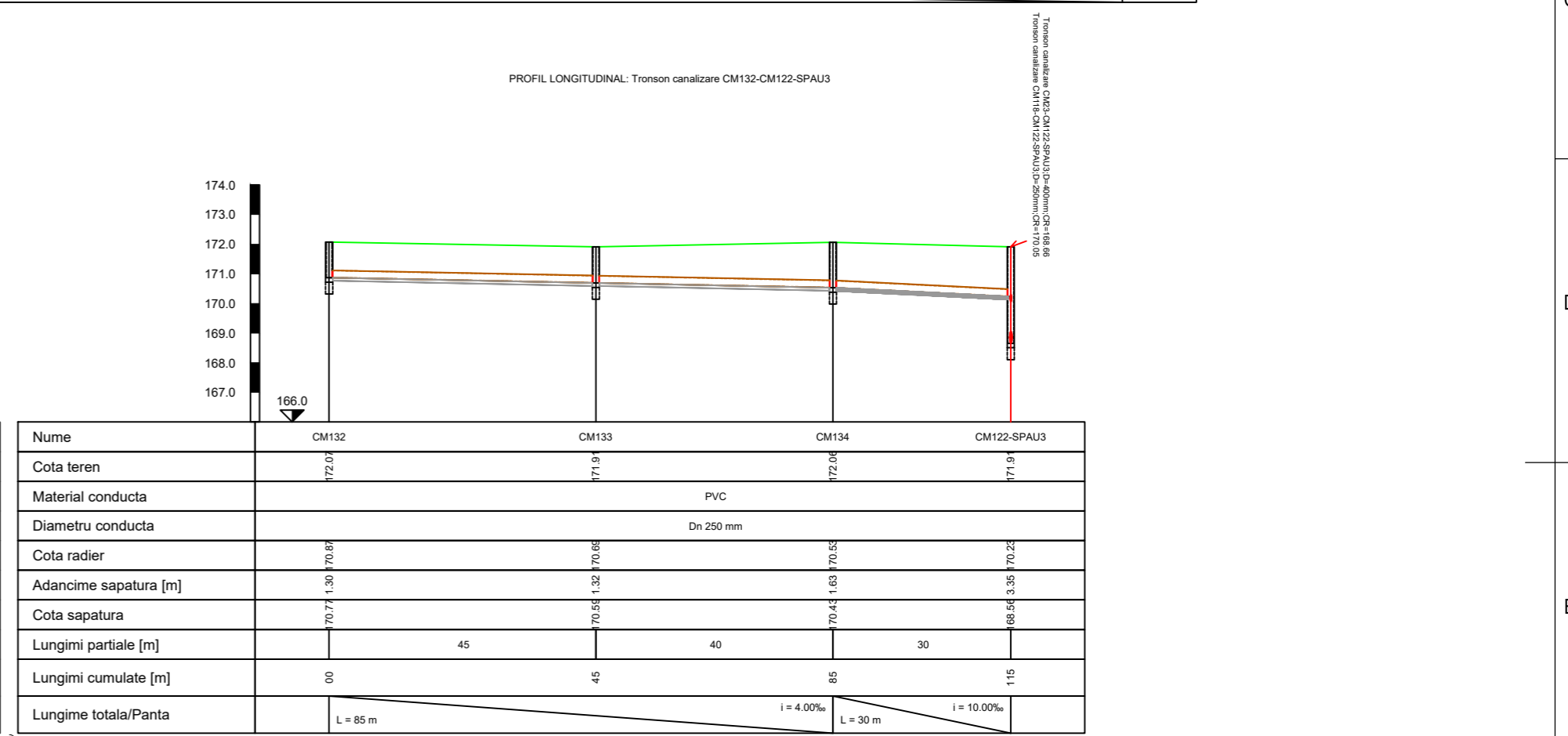
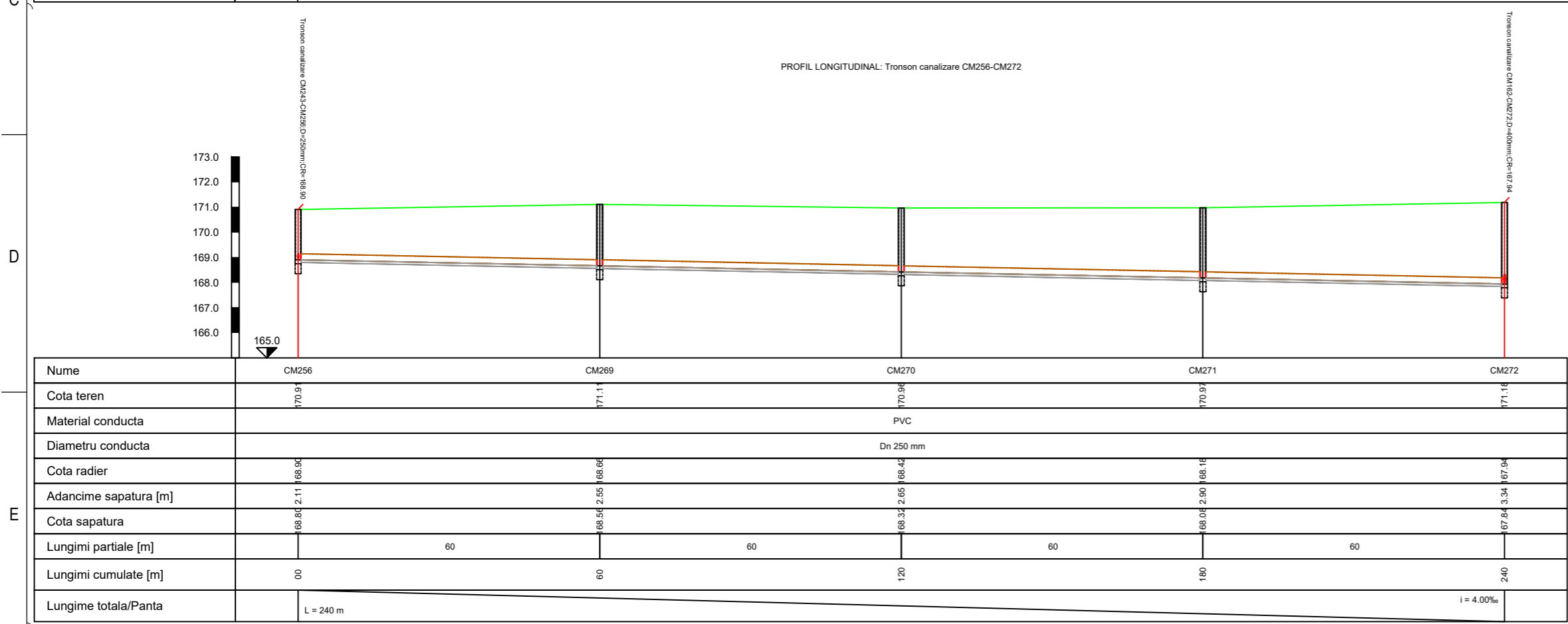
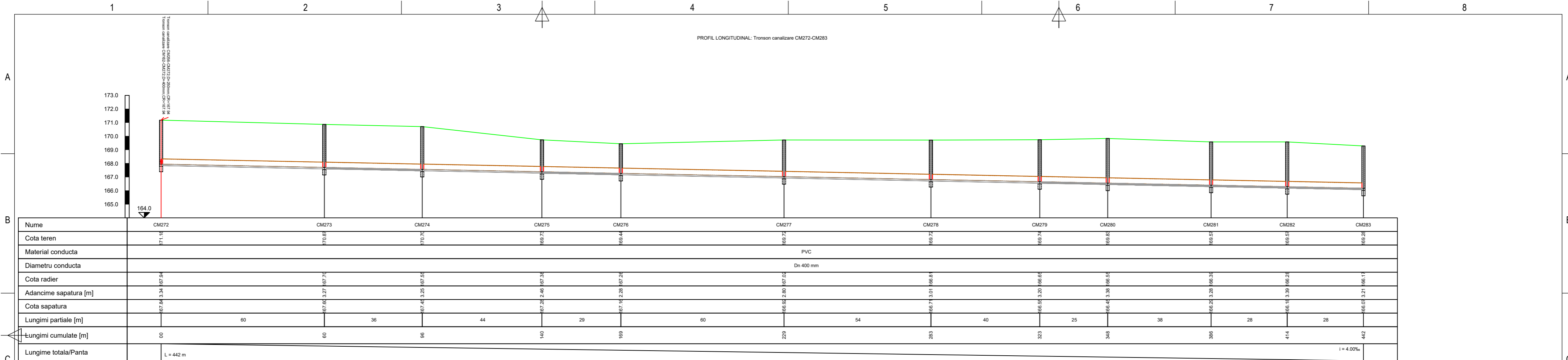


Nume	CM257	CM258	CM259	CM260	CM261
Cota teren	172.81	172.4	172.31	172.05	171.81
Material conducta					
Diametru conducta					
Cota radier	171.56	171.31	171.22	170.78	170.64
Adancime sapatura [m]	1.31	1.31	1.35	1.31	1.31
Cota sapatura	169.25	169.00	168.87	168.47	168.33
Lungimi partiale [m]	55	22	50	54	60
Lungimi cumulate [m]	55	77	127	181	241
Lungime totala/Panta	L = 55 m i = 8.30‰ L = 22 m i = 4.00‰ L = 50 m i = 5.35‰ L = 54 m i = 4.43‰ L = 427 m				

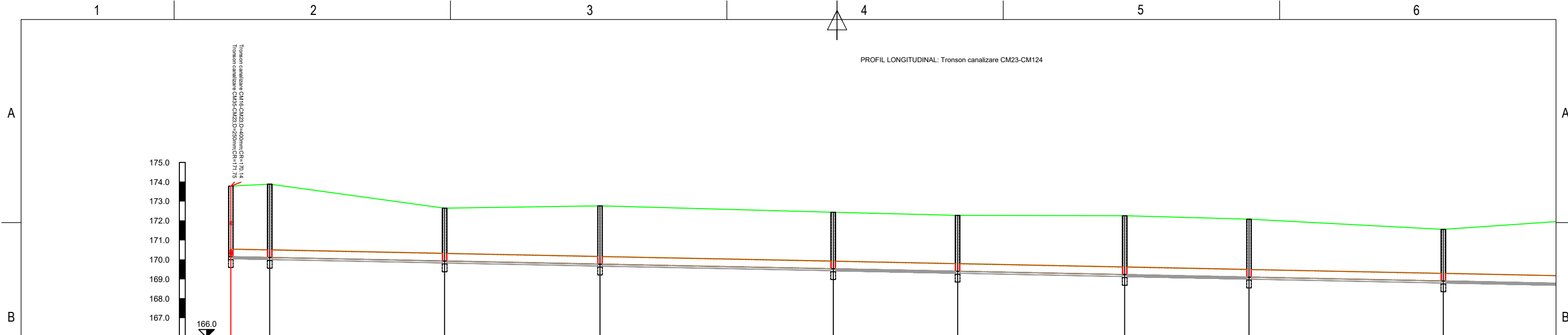


Nume	CM261	CM262	CM263	CM264	CM265	CM266	CM267	CM268	CM256
Cota teren	171.08	172.16	172.06	172.15	171.5	171.46	171.35	171.16	170.91
Material conducta	PVC								
Diametru conducta	Dn 250 mm								
Cota radier	170.15	170.33	170.13	169.86	169.86	169.55	169.27	169.14	168.86
Adancime sapatura [m]	1.31	1.83	1.93	2.29	2.07	1.91	2.08	2.02	2.11
Cota sapatura	168.84	168.50	168.20	167.57	167.86	167.64	165.61	167.12	166.75
Lungimi partiale [m]	60	60	60	60	25	43	59	60	
Lungimi cumulate [m]	60	120	180	240	265	308	367	427	487
Lungime totala/Panta	i = 4.43‰ L = 427 m i = 4.00‰								

VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr.Proiect 73 / 2021
	S.C. SILVIU PROCON DESIGN S.R.L. OŢELU ROŞU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap.1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO281REZ1885089XXX00656			Amplasament:	Localitatea Dobra	Faza: SF
PROIECTAT	Ing. Ovidiu Hila		SCARA:	Titlu planşa:		PL. Nr.
DESENAT	Ing. Ovidiu Hila		1:2000/200	Profil longitudinal - Retea de canalizare menajera		PL-11
VERIFICAT	Ing. Alexandru Beg		DATA:			
			2021			

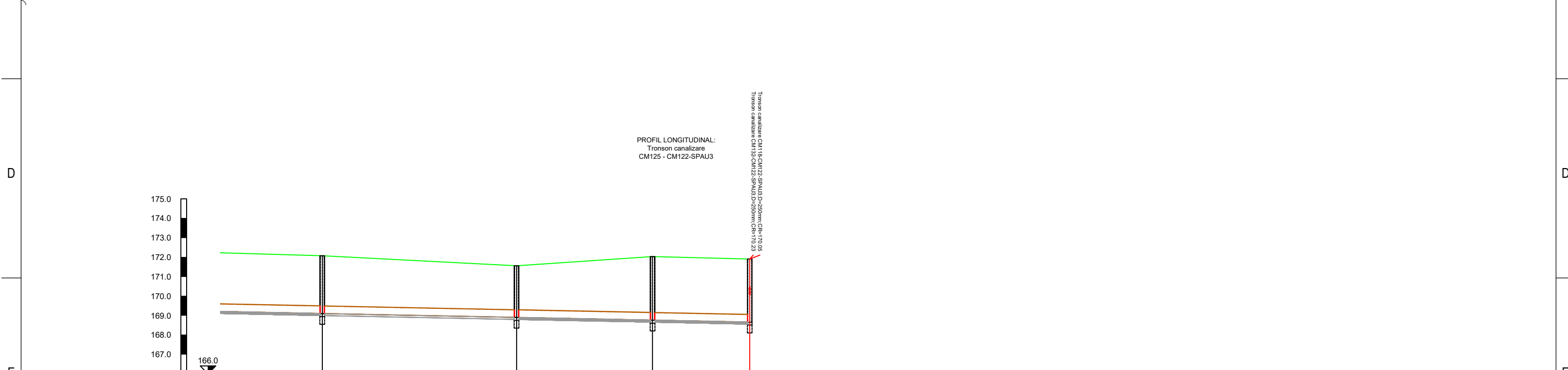


VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA	Nr.Proiect
	S.C. SILVIU PROCON DESIGN S.R.L.			Amplasament:	Localitatea Dobra	73 / 2021
PROIECTAT	Ing. Ovidiu Hila		SCARA:	Titlu proiect:		Faza:
DESENAT	Ing. Ovidiu Hila		1:2000/200	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara		SF
VERIFICAT	Ing. Alexandru Beg		DATA:	Titlu plansa:		PL. Nr.
			2021	Profil longitudinal - Retea de canalizare menajera		PL-12



PROFIL LONGITUDINAL: Tronson canalizare CM23-CM124

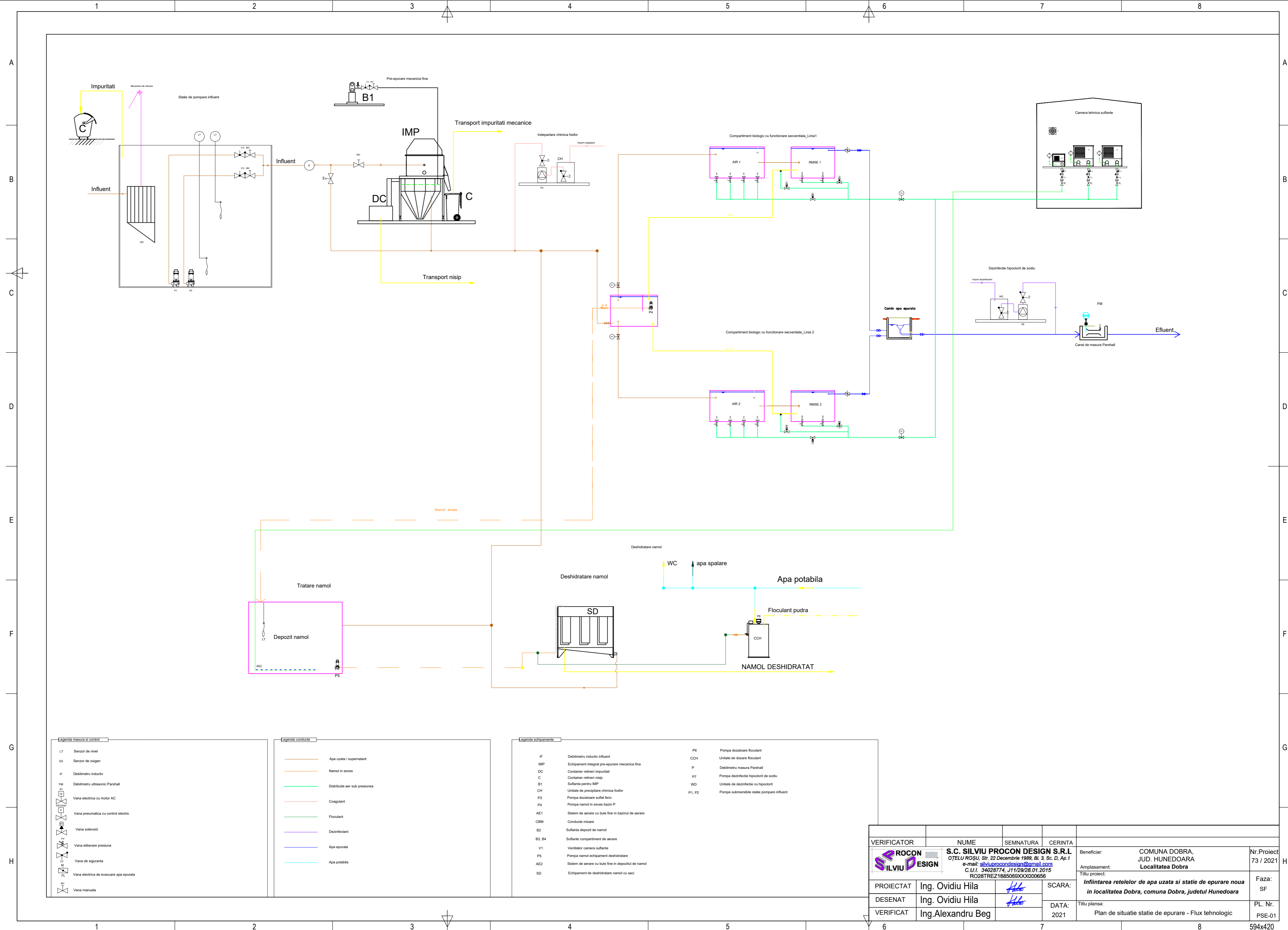
Nume	CM23	CM131	CM130	CM129	CM128	CM127	CM126	CM125	CM124
Cota teren	173.78	173.88	172.65	172.77	172.43	172.28	172.25	172.07	171.56
Material conducta	PVC								
Diametru conducta	Dn 400 mm								
Cota radier	170.14	170.10	169.92	169.76	169.52	169.40	169.22	169.10	168.90
Adancime sapatura [m]	3.74	3.87	2.82	3.10	3.01	2.98	3.13	3.08	2.76
Cota sapatura	170.04	170.00	169.85	169.66	169.42	169.30	169.12	169.00	168.80
Lungimi partiale [m]	10	45	40	60	32	43	32	50	35
Lungimi cumulate [m]	00	10	55	95	155	187	230	262	312
Lungime totala/Panta	L = 372 m								



PROFIL LONGITUDINAL:
Tronson canalizare
CM125 - CM122-SPAU3

Nume	CM125	CM124	CM123	CM122-SPAU3
Cota teren	172.07	171.56	172.03	171.91
Material conducta				
Diametru conducta				
Cota radier	169.10	168.90	168.76	168.66
Adancime sapatura [m]	3.08	2.76	3.38	3.35
Cota sapatura	169.00	168.80	168.66	168.56
Lungimi partiale [m]	32	50	35	25
Lungimi cumulate [m]	262	312	347	372
Lungime totala/Panta	i = 4.00‰			

VERIFICATOR	NUME	SEMNETURA	CERINTA			
	S.C. SILVIU PROCON DESIGN S.R.L OȚELU ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO28TREZ1885069XXX000656			Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA	
	PROIECTAT	Ing. Ovidiu Hila		SCARA:	1:2000/200	
DESEINAT	Ing. Ovidiu Hila		DATA:	2021	Amplasament:	Localitatea Dobra
VERIFICAT	Ing. Alexandru Beg				Titlu proiect:	Infiintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara
					Titlu plansa:	Profile longitudinale - Retea de canalizare menajera
					Nr. Proiect	73 / 2021
					Faza:	SF
					PL. Nr.	PL-13



Legenda masura si control

- LT Senzor de nivel
- O2 Senzor de oxigen
- IF Debitmetru inductiv
- FM Debitmetru ultrasonice Parshall
- EV Vana electrica cu motor AC
- Vana pneumatica cu control electric
- Vana solenoid
- Vana eliberare presiune
- Vana de siguranta
- Vana electrica de evacuare apa curata
- Vana manuala

Legenda conducte

- Apa uzata / supernatant
- Namol in exces
- Distributie aer sub presiunea
- Coagulant
- Floculant
- Dezinfectant
- Apa curata
- Apa potabila

Legenda echipamente

IF	Debitmetru inductiv influent	P6	Pompa dozatoare floculant
IMP	Echipament integrat pre-epurare mecanica fina	CCH	Unitate de dozare floculant
DC	Container retineri impuritati	P	Debitmetru masura Parshall
C	Container retineri nisip	p7	Pompa dezinfectie hipoclorit de sodiu
B1	Sulfanta pentru IMP	WD	Unitate de dezinfectie cu hipoclorit
CH	Unitate de precipitare chimica fosfor	P1, P2	Pompe submersibile statie pompare influent
P3	Pompa dozatoare sulfat feric		
P4	Pompa namol in exces bazin P		
AE1	Sistem de aerare cu bule fine in bazinul de aerare		
CBM	Conducte mixare		
B2	Sulfanta depozit de namol		
B3, B4	Sulfanta compartiment de aerare		
V1	Ventilator camera suflante		
P5	Pompa namol echipament deshidratare		
AE2	Sistem de aerare cu bule fine in depozitul de namol		
SD	Echipament de deshidratare namol cu saci		

VERIFICATOR	NUME	SEMNTURA	CERINTA	Beneficiar:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Nr. Proiect:	73 / 2021
 S.C. SILVIU PROCON DESIGN S.R.L. OTELUL ROȘU, Str. 22 Decembrie 1989, Bl. 3, Sc. D, Ap. 1 e-mail: silviuprocondesign@gmail.com C.U.I. 34028774, J11/29/28.01.2015 RO281TREZ18850899XXX000656				Amplasament:	COMUNA DOBRA, JUD. HUNEDOARA Localitatea Dobra	Faza:	SF
PROIECTAT	Ing. Ovidiu Hila	<i>[Signature]</i>	SCARA:	Infintarea retelelor de apa uzata si statie de epurare noua in localitatea Dobra, comuna Dobra, judetul Hunedoara		PL. Nr.:	PSE-01
DESEANAT	Ing. Ovidiu Hila	<i>[Signature]</i>	DATA:	Plan de situatie statie de epurare - Flux tehnologic			
VERIFICAT	Ing. Alexandru Beg	<i>[Signature]</i>	2021				