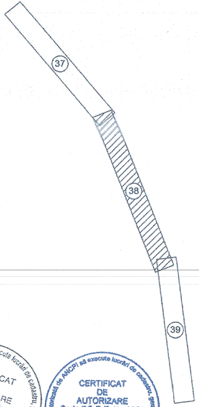
LEGENDA/LEGEND

□ B1 95.218	BORNA RETEA DE INDESIRE/ BENCHMARK OF THE SECONDARY NETWORK	78.658	PUNCT RADIAT/ RADIATED POINT
501 95.218	REPER DE NIVELMENT DE BAZA/ REFERENCE BASE LEVEL	67+251.00	PICHET/ STAKE
501 95.218 km 3 3,5	REPER DE NIVELMENT TEHNIC/ REFERENCE TECHNICAL LEVEL		
	BORNA KILOMETRICA-HECTOMETRICA/ KILOMETRIC-HECTOMETRIC BENCHMARK		SCHIMBATORE DE CALE/ SWITCH
Bz	BORNA ZONA CF/ BENCHMARK OF THE RAILWAY AREA		
□ K	BORNA CABLU/ CABLE BENCHMARK	○	STALP DIN LEMN/ WOOD POLE
□ Fo	BORNA FIBRA OPTICA/ OPTICAL FIBER BENCHMARK	◐	STALP DIN BETON/ CONCRETE POLE
□ MF	MUFA CABLU/ CABLE BOX	●	STALP DIN METAL/ METAL POLE
□	CUTIE CABLU/ CABLE BOX		LAMPADAR PE ALEI/ LAMPADAR ON SIDE STRET
○ C.cv.	COLOANA CONVORBIRE/ CONVERSATION COLUMN	□	STALP INALTA TENSIUNE/ POWER-LINE TOWER
	MARCA DE SIGURANTA/ SAFETY MARK	◐ SE 120	STALP ELECTRIC DIN BETON/ CONCRETE ELECTRIC POLE
	SEMNAL LUMINOS PE STALP/ LIGHT SIGNAL ON POLE	■ SE 120	STALP ELECTRIC DIN METAL/ METALLIC ELECTRIC POLE
	SEMNAL LUMINOS PITIC/ SMALL TRAFFIC LIGHTER		STALP DIFUZOR/ LOUD-SPEAKER POLE
	AVERTIZOR PENTRU TRECERE LA NIVEL/ WARNING DEVICE FOR LEVEL CROSSING		SUSTINERE LINIE DE CONTACT/ CONTACT WIRE
	BARIERA/ RAILWAY GATE		ANCORA SUSTINERE STALP/ POLE ANCHOR
	CRUCE/ CROSS		LIMITA ZONA CFR INTABULATA/ LIMITED CFR AREA INCLUDED
	CUTIE DIN FONTA GAZE/ GAS FONT BOX		LIMITA UAT/ UAT LIMIT
	CAMIN DE VIZITARE TELEFON/ PHONE MANHOLE		SUPRAFATA NECESARA PROIECTULUI/ NECESSARY PROJECT SURFACE
	CAMIN DE VIZITARE CANAL/ SEWERAGE MANHOLE		CADSTRE VECINE/ NEIGHBORHOOD
	GURA DE AERISIRE CANALIZARE/ MOUTH VENTING SEWAGE		AX CF/ RAILWAY LINE AXE
	CAMIN DE VIZITARE APA/ WATER MANHOLE		TALUZ SUS/ SOIL SLOPE UP
	MARTOR GAZE/ GAS TELLTALE		TALUZ JOS/ SOIL SLOPE DOWN
	PANOU ELECTRIC/ ELECTRIC PANEL		SANT DE SCURGERE A APELOR SUS/ DRAIN DITCH UP
	HIDRANT/ HYDRANT		SANT DE SCURGERE A APELOR JOS/ DRAIN DITCH DOWN
	GEIGER/ GEIGER		GARD DIN BETON/ CONCRETE FENCE
○	FANTANA/ FOUNTAIN		GARD DIN LEMN/ WOOD FENCE
	CISMEA/ DRINKING FOUNTAIN		GARD DIN METAL/ METAL FENCE
	POM/ TREE		GARD DIN PLASA/ CHAIN-LINK FENCE
○	STALP POARTA/ GATE POLE	×—×—×—×	GARD DIN SARMA/ BARBED WIRE FENCE
	OPRITOR CF/ CATCHER OF RAILWAY LINE		GARD VIU-LIMITA PADURE/ GREEN FENCE-FOREST LIMIT
	JOANTA IZOLATA DE LEGATURA/ INSULATING JOINT		ZID SUS/ UP WALL
49/65	SCHIMBARE TIP SINA DE CALE FERATA/ RAIL TYPE CHANGE		ZID JOS/ DOWN WALL
trav beton/lemn	SCHIMBARE TIP DE TRAVERSE/ SLEEPER TYPE CHANGE		RIGOLA/ CREVICE
CED	DULAP CENTRALIZARE ELECTRODINAMICA/ SWITCH ELECTRODINAMIC CENTRALIZATION		RAU/ RIVER
	TRANSFORMATOR ELECTRIC PE STALP/ POLE ELECTRICAL TRANSFORMER		
	INDICATOR/ ROAD SIGN		



CERTIFICAT DE AUTORIZARE Seria RO-B-J Nr. 0684 S.C. VIO - TOP S.R.L.

CERTIFICAT DE AUTORIZARE Seria RO-B-F, Nr. 1860 Maria Gina UNGUREANU

NOTA: SISTEM DE PROIECTIE STEREOGRAFIC 1970
SISTEM DE REFERINŢĂ PENTRU COTE "0" MAREA NEAGRĂ 1975

NOTE: STEREOGRAPHIC PROJECT SYSTEM 1970
REFERENCE SYSTEM FOR QUOTES "0" BLACK SEA 1975

CENTRUL NATIONAL DE CARTOGRAFIE
Prezentul document este însoțit de procesul-verbal de recepție
nr. 3 data 30.03.2018
Margareta DOGARU - Coordonator comisie recepție C.N.C.

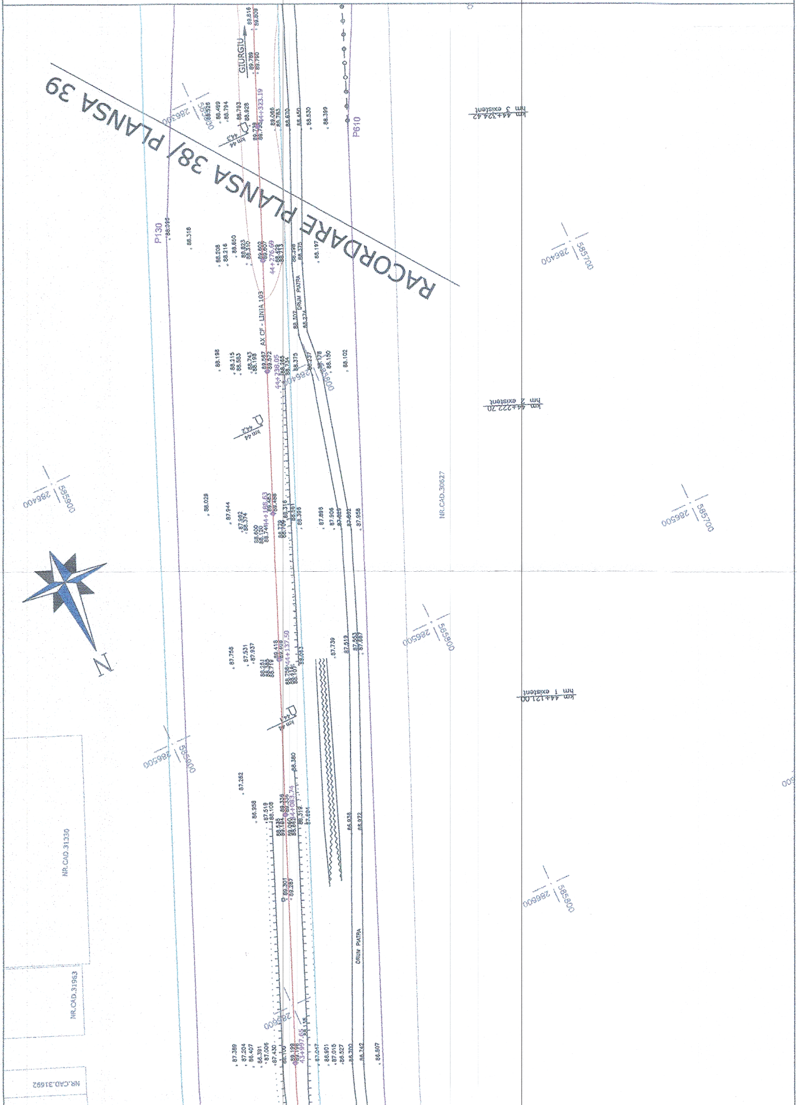
PROIECT FINANŢAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

UNIUNEA EUROPEANĂ

GUVERNUL ROMÂNIEI
GOVERNMENT OF ROMANIA

BENEFICIAR BENEFICIARY:	COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY		
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: J40/9877/2001 & acciona Ingeniería J40/20534/2004 SUBCONTRACTANT/ SUBCONTRACTOR: S.C. VIOTOP SRL J/40/4967/1999		DENUMIRE PROIECT/ DENUMIRE LUCRARE: PROJECT TITLE/ WORKS TITLE:	"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ" *Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD - GIURGIU NORD - GIURGIU FRONTIERA* "MODERNIZATION OF THE RAILWAY LINE BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER" *LOT 2 - MODERNIZATION OF RAILWAY INFRASTRUCTURE BETWEEN RAILWAY STATIONS BUCHAREST NORD-GIURGIU NORTH-GIURGIU BORDER*

	NUME/NAME	SEMNATURA/ SIGNATURE		
PROIECTANT/ DESIGNER	Ing. R. BURCEA		SPECIALITATE/ SPECIALITY	STUDIU TOPOGRAFIC TOPOGRAPHICAL STUDY
EXPERT CHEIE/ KEY EXPERT	Ing. G.UNGUREANU		DENUMIRE PLAN/ DRAWING TITLE	PLAN DE SITUATIE/LAYOUT PLAN INTERVAL CF MIHAI BRAVU-BANEASA GIURGIU/ BANEASA GIURGIU-MIHAI BRAVU SECTION
MP/PM	Ing. G.UNGUREANU			
DATA/DATE: 01.2018		SCARA/SCALE: 1:1000	EXEMPLAR NR./ EXEMPLARY NO. 1	COD PLAN/CODIFICATION SYSTEM: ST 207 Lot 2 23 ST 38 00


RACORDARE PLANSA 38/ PLANSA 39
GIURGIU
AX CF - LINIA 103
DRUM PIATRA
DRUM PIATRA
P130
P610
N
km 44+324.42 hm 3 existent
km 44+222.70 hm 2 existent
km 44+121.00 hm 1 existent
km 44+3
km 44+2
km 44+1
44+323.19
44+276.69
44+238.05
44+188.63
44+137.50
44+083.74
43+997.65
NR.CAD.30627
NR.CAD.31330
NR.CAD.31963
NR.CAD.31692
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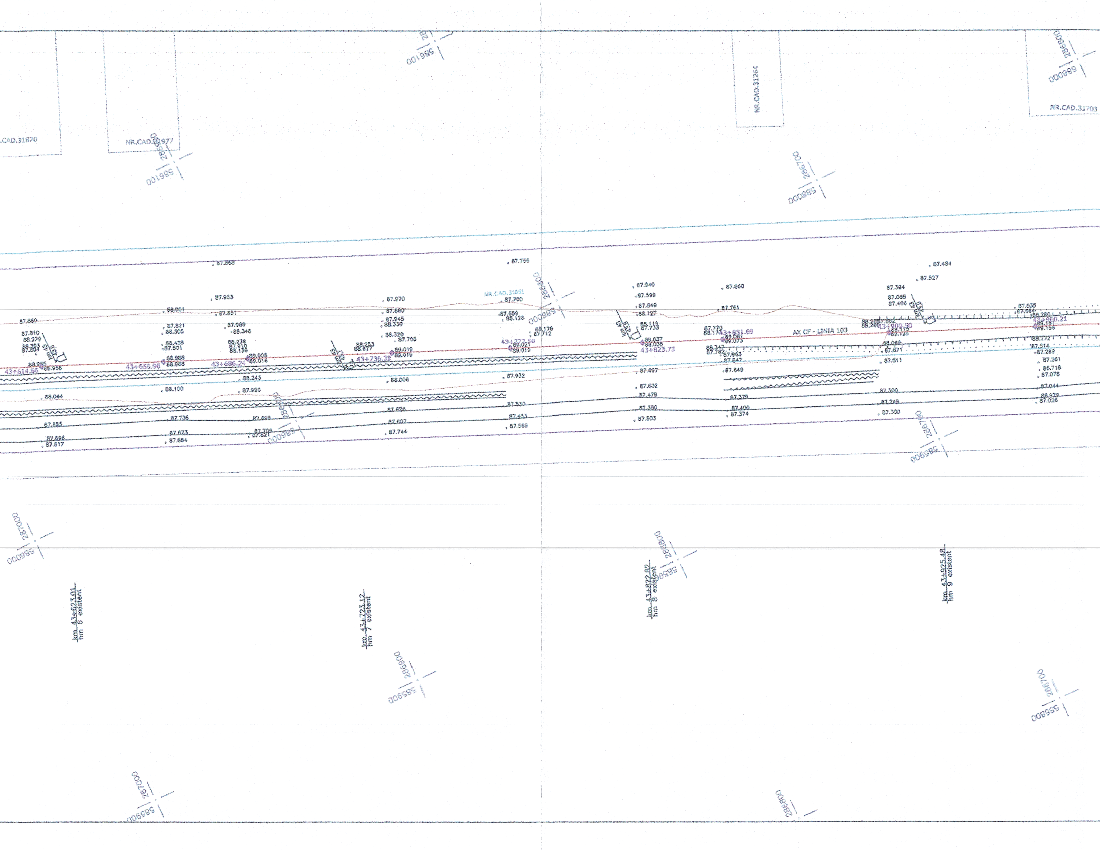
286600



NR.CAD.31870
NR.CAD.31677
NR.CAD.31264
NR.CAD.31703
NR.CAD.31651
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43+614.66
43+656.96
43+686.24
43+736.3
43+787.50
43+823.73
43+851.69
43+909.50
43+960.21
km 43+623.01
hm 6 existent
km 43+723.12
hm 7 existent
km 43+822.82
hm 8 existent
km 43+925.48
hm 9 existent
286600
586000
286700
586000
586100
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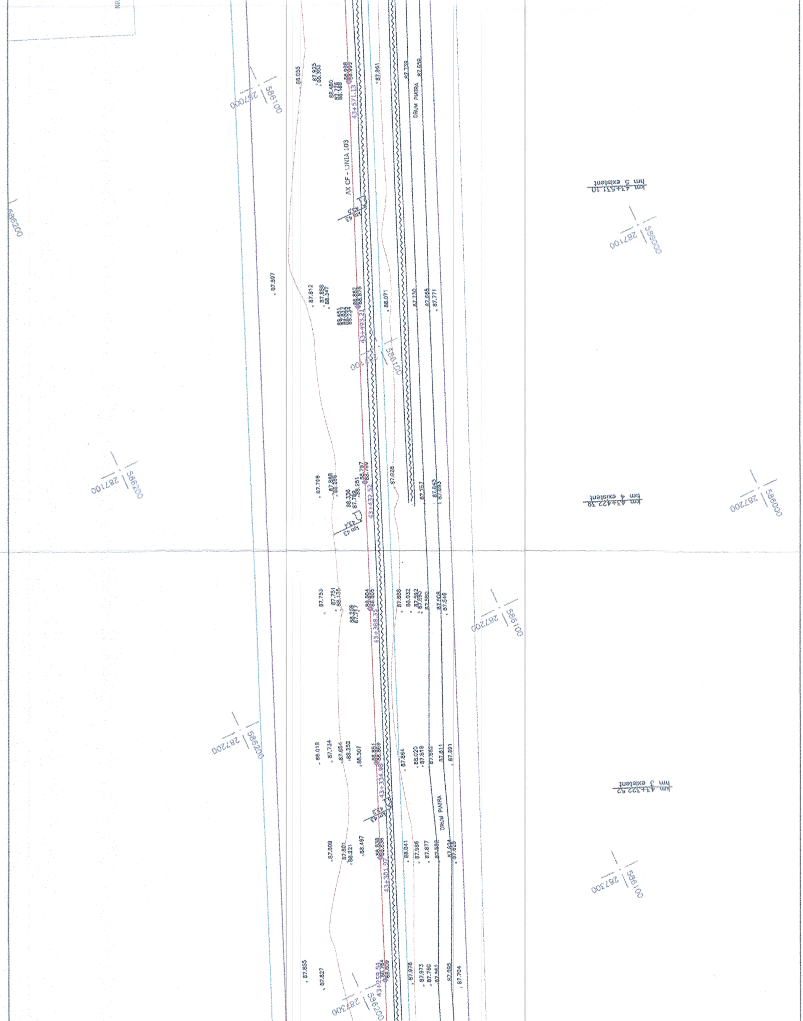
AX CF - LINIA 103
DRUM PIATRA
DRUM PIATRA
km 43+531.10
hm 5 existent
km 43+422.39
hm 4 existent
km 43+322.52
hm 3 existent
43+571.13
43+493.21
43+432.52
43+301.97
km 43
43,4
287000
586100
287100
586200
287100
586000
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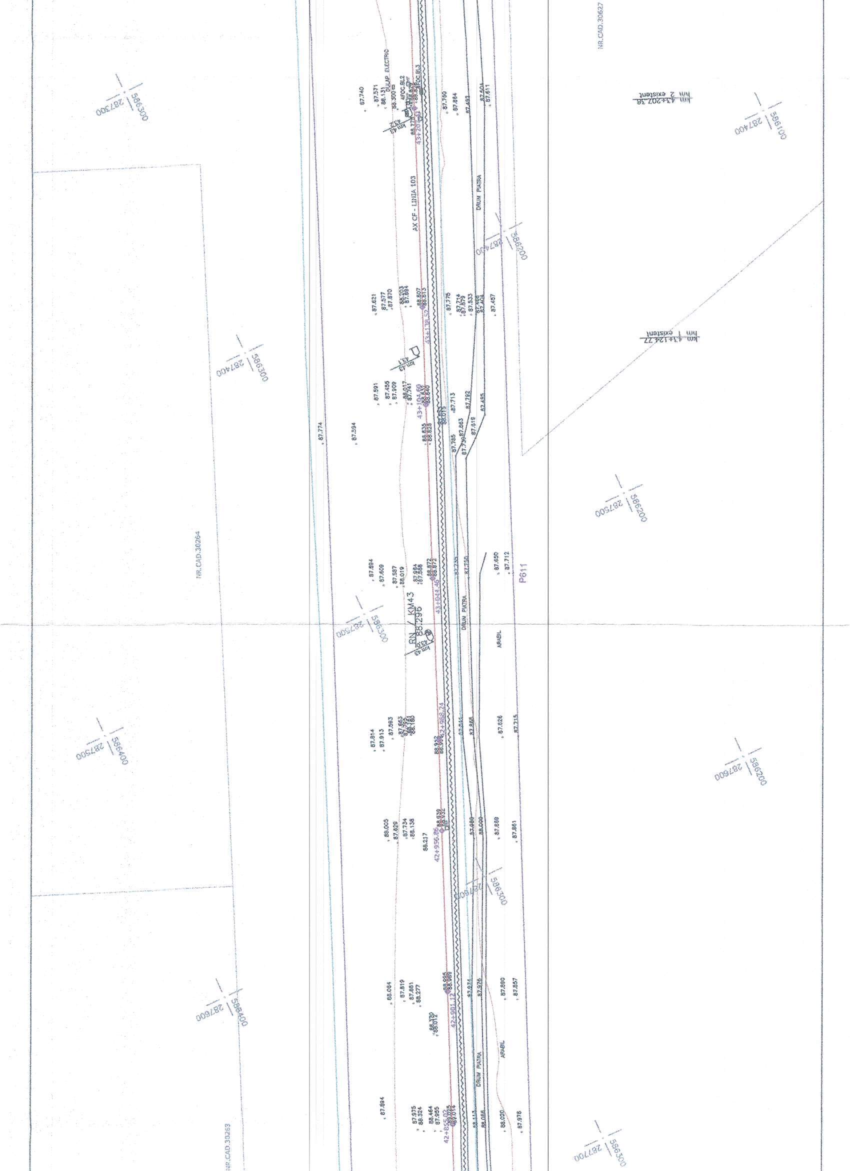
AX CF - LINIA 103
DRUM PIATRA
ARABIL
DULAP ELECTRIC
NR.CAD.30264
NR.CAD.30263
NR.CAD.30627
km 43+207.38 km 2 existent
km 43+124.77 km 1 existent
P611
RN KM43 86.296
43+138.57
43+104.60
43+044.46
42+988.24
42+956.86
42+901.12
42+855.02
287300 586300
287400 586300
287500 586300
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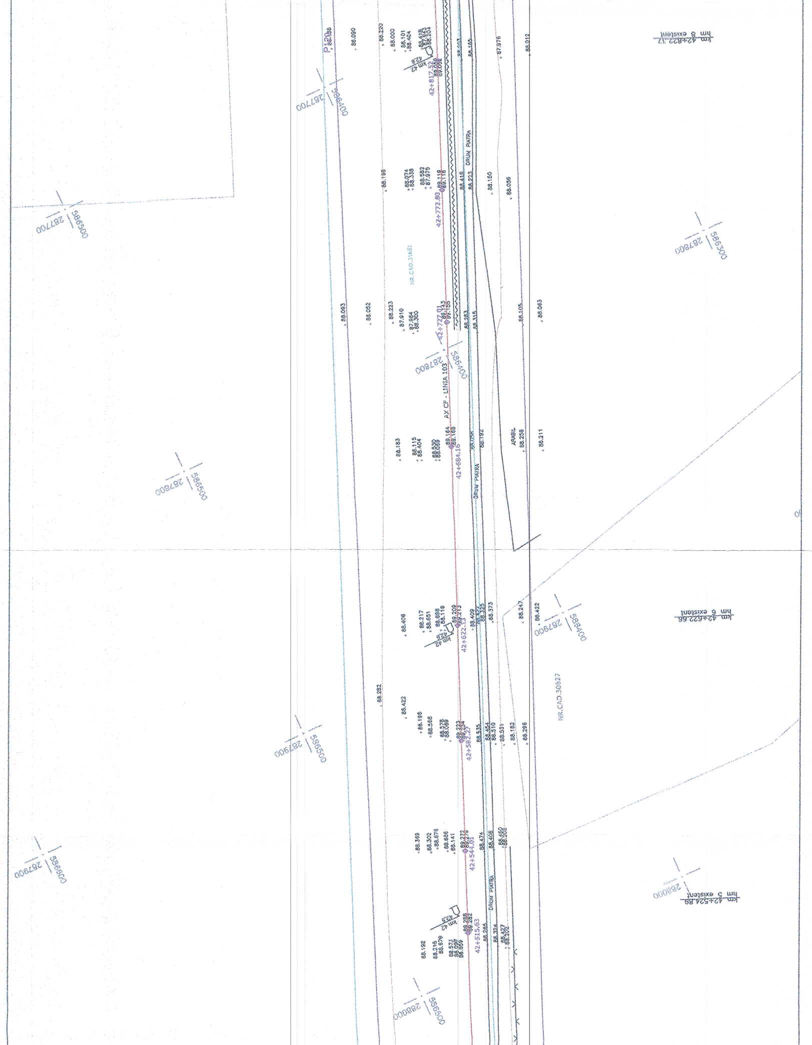

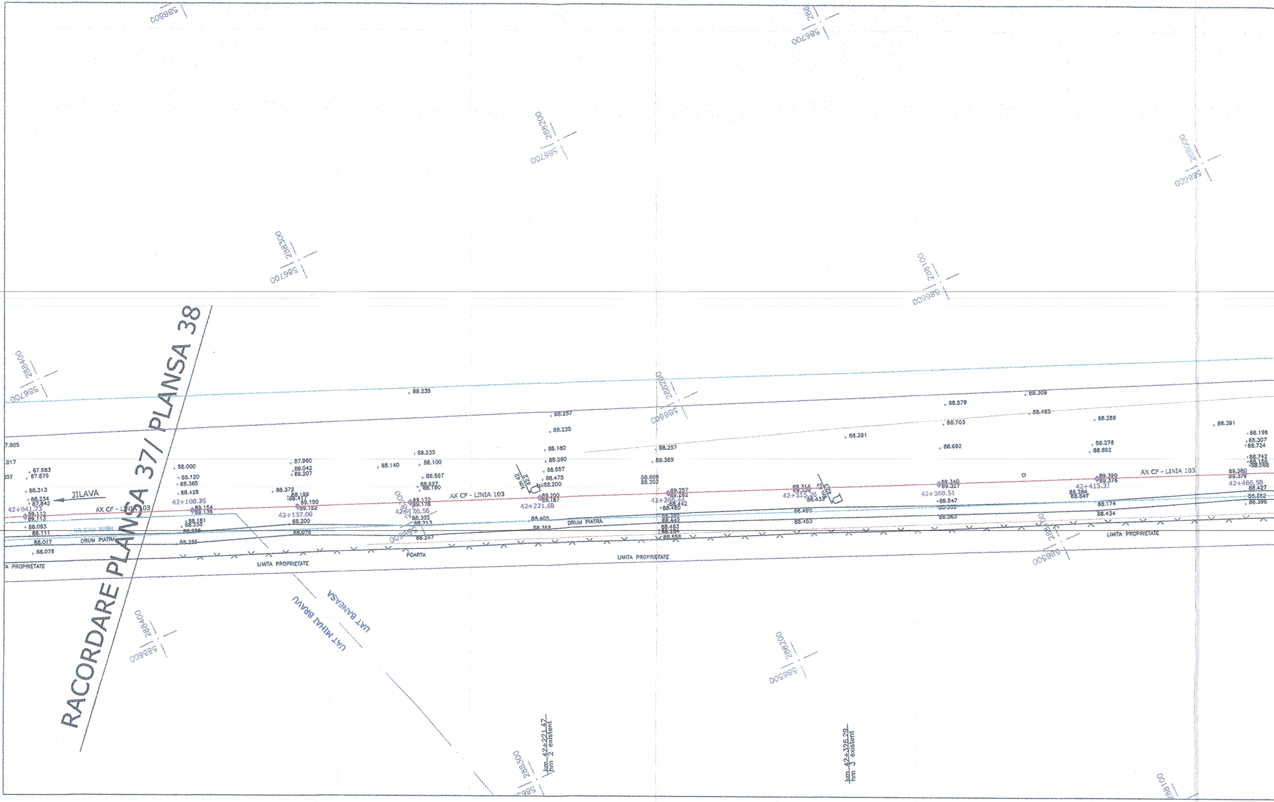km 42+822.12
hm 8 existent
km 42+622.66
hm 6 existent
km 42+524.89
hm 5 existent
AX CF - LINIA 103
DRUM PIATRA
DRUM PIATRA
DRUM PIATRA
ARABIL
NR.CAD.31651
NR.CAD.30527
42+817.52
42+772.80
42+727.01
42+684.16
42+622.15
42+582.27
42+544.01
42+515.63
287700
586500
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586300
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