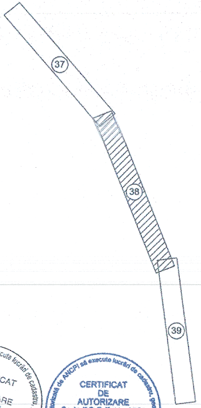
LEGENDA/LEGEND

B1 95.218	BORNA RETEA DE INDESIRE/ BENCHMARK OF THE SECONDARY NETWORK
501 95.218	REPER DE NIVELMENT DE BAZA/ REFERENCE BASE LEVEL
501 95.218	REPER DE NIVELMENT TEHNIC/ REFERENCE TECHNICAL LEVEL
km 3 3,5	BORNA KILOMETRICA-HECTOMETRICA/ KILOMETRIC-HECTOMETRIC BENCHMARK
Bz	BORNA ZONA CF/ BENCHMARK OF THE RAILWAY AREA
□K	BORNA CABLU/ CABLE BENCHMARK
□Fo	BORNA FIBRA OPTICA/ OPTICAL FIBER BENCHMARK
□MF	MUFA CABLU/ CABLE BOX
□	CUTIE CABLU/ CABLE BOX
○C.cv.	COLOANA CONVORBIRE/ CONVERSATION COLUMN
	MARCA DE SIGURANTA/ SAFETY MARK
	SEMNAL LUMINOS PE STALP/ LIGHT SIGNAL ON POLE
	SEMNAL LUMINOS PITIC/ SMALL TRAFFIC LIGHTER
	AVERTIZOR PENTRU TRECERE LA NIVEL/ WARNING DEVICE FOR LEVEL CROSSING
	BARIERA/ RAILWAY GATE
	CRUCE/ CROSS
	CUTIE DIN FONTA GAZE/ GAS FONT BOX
Ⓣ	CAMIN DE VIZITARE TELEFON/ PHONE MANHOLE
Ⓒ	CAMIN DE VIZITARE CANAL/ SEWERAGE MANHOLE
	GURA DE AERISIRE CANALIZARE/ MOUTH VENTING SEWAGE
Ⓐ	CAMIN DE VIZITARE APA/ WATER MANHOLE
Og	MARTOR GAZE/ GAS TELLTALE
	PANOU ELECTRIC/ ELECTRIC PANEL
	HIDRANT/ HYDRANT
	GEIGER/ GEIGER
	FANTANA/ FOUNTAIN
	CISMEA/ DRINKING FOUNTAIN
	POM/ TREE
○	STALP POARTA/ GATE POLE
	OPRITOR CF/ CATCHER OF RAILWAY LINE
JIL	JOANTA IZOLATA DE LEGATURA/ INSULATING JOINT
49/65	SCHIMBARE TIP SINA DE CALE FERATA/ RAIL TYPE CHANGE
trav beton/lemn	SCHIMBARE TIP DE TRAVERSE/ SLEEPER TYPE CHANGE
CED	DULAP CENTRALIZARE ELECTRODINAMICA/ SWITCH ELECTRODINAMIC CENTRALIZATION
	TRANSFORMATOR ELECTRIC PE STALP/ POLE ELECTRICAL TRANSFORMER
	INDICATOR/ ROAD SIGN

○78.658	PUNCT RADIAT/ RADIATED POINT
○ 67+251.00	PICHET/ STAKE
NR 7/8 TIP49 1:9 1:9 NR 6 TIP49 1:9 NR 6 TIP49 1:9	SCHIMBATORE DE CALE/ SWITCH
○	STALP DIN LEMN/ WOOD POLE
◐	STALP DIN BETON/ CONCRETE POLE
●	STALP DIN METAL/ METAL POLE
	LAMPADAR PE ALEI/ LAMPADAR ON SIDE STRET
□	STALP INALTA TENSIUNE/ POWER-LINE TOWER
◐ SE 120	STALP ELECTRIC DIN BETON/ CONCRETE ELECTRIC POLE
■ SE 120	STALP ELECTRIC DIN METAL/ METALLIC ELECTRIC POLE
	STALP DIFUZOR/ LOUD-SPEAKER POLE
	SUSTINERE LINIE DE CONTACT/ CONTACT WIRE
	ANCORA SUSTINERE STALP/ POLE ANCHOR
	LIMITA ZONA CFR INTABULATA/ LIMITED CFR AREA INCLUDED
	LIMITA UAT/ UAT LIMIT
	SUPRAFATA NECESARA PROIECTULUI/ NECESSARY PROJECT SURFACE
	CADSTRE VECINE/ NEIGHBORHOOD
	AX CF/ RAILWAY LINE AXE
	TALUZ SUS/ SOIL SLOPE UP
	TALUZ JOS/ SOIL SLOPE DOWN
	SANT DE SCURGERE A APELOR SUS/ DRAIN DITCH UP
	SANT DE SCURGERE A APELOR JOS/ DRAIN DITCH DOWN
	GARD DIN BETON/ CONCRETE FENCE
	GARD DIN LEMN/ WOOD FENCE
	GARD DIN METAL/ METAL FENCE
	GARD DIN PLASA/ CHAIN-LINK FENCE
×-×-×-×-×-×	GARD DIN SARMA/ BARBED WIRE FENCE
	GARD VIU-LIMITA PADURE/ GREEN FENCE-FOREST LIMIT
	ZID SUS/ UP WALL
	ZID JOS/ DOWN WALL
	RIGOLA/ CREVICE
	RAU/ RIVER



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

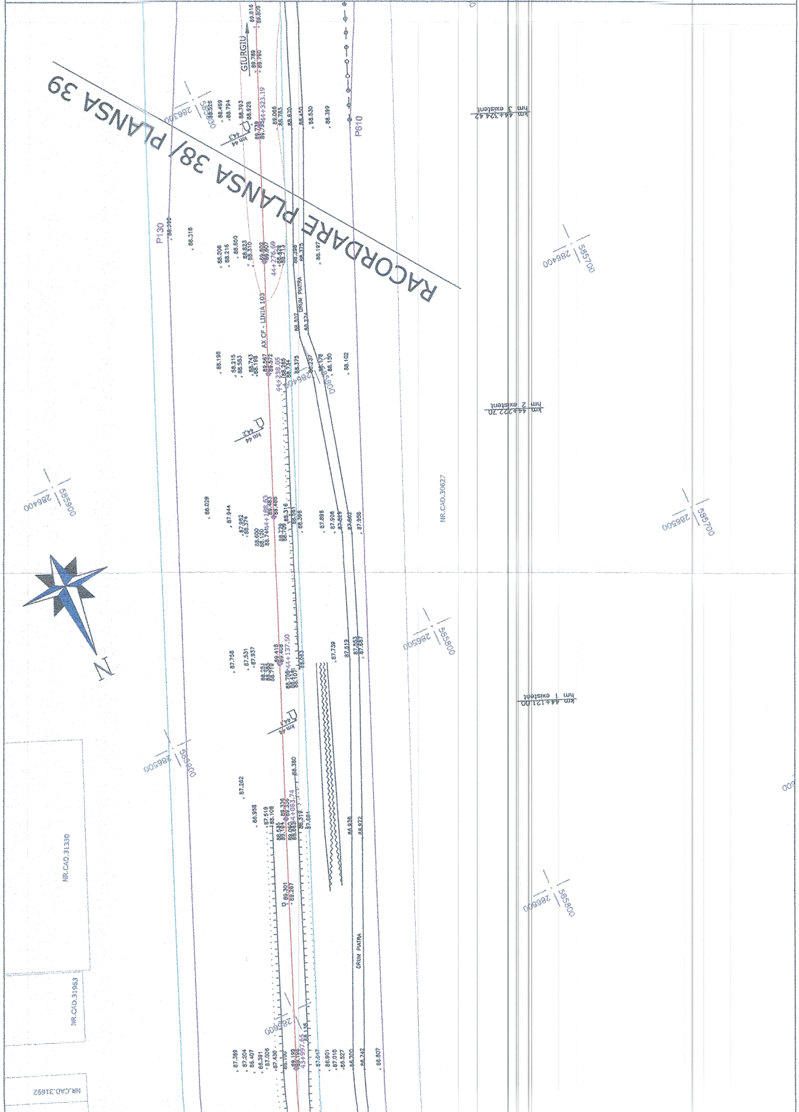
CERTIFICAT DE AUTORIZARE Seria RO-B-F, Nr. 1650 Maria Gina UNGUREANU

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

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

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

UNIUNEA EUROPEANĂ	PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT		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/ S.C. VIOTOP SRL SUBCONTRACTOR: 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	SPECIALITATE/ SPECIALITY: STUDIU TOPOGRAFIC TOPOGRAPHICAL STUDY
PROIECTANT/ DESIGNER	Ing. R. BURCEA		
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
44+323.19
44+276.69
44+238.05
44+188.63
44+137.50
44+063.74
43+997.55
km 44+324.42
hm 3 existent
km 44+222.20
hm 2 existent
km 44+121.00
hm 1 existent
NR.CAD.30627
NR.CAD.31330
NR.CAD.31963
NR.CAD.31692
286300
585600
286400
585600
286400
585700
286500
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585800
286600
585800
286600
585900
88.396
88.318
87.758
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88.198
88.102
87.739
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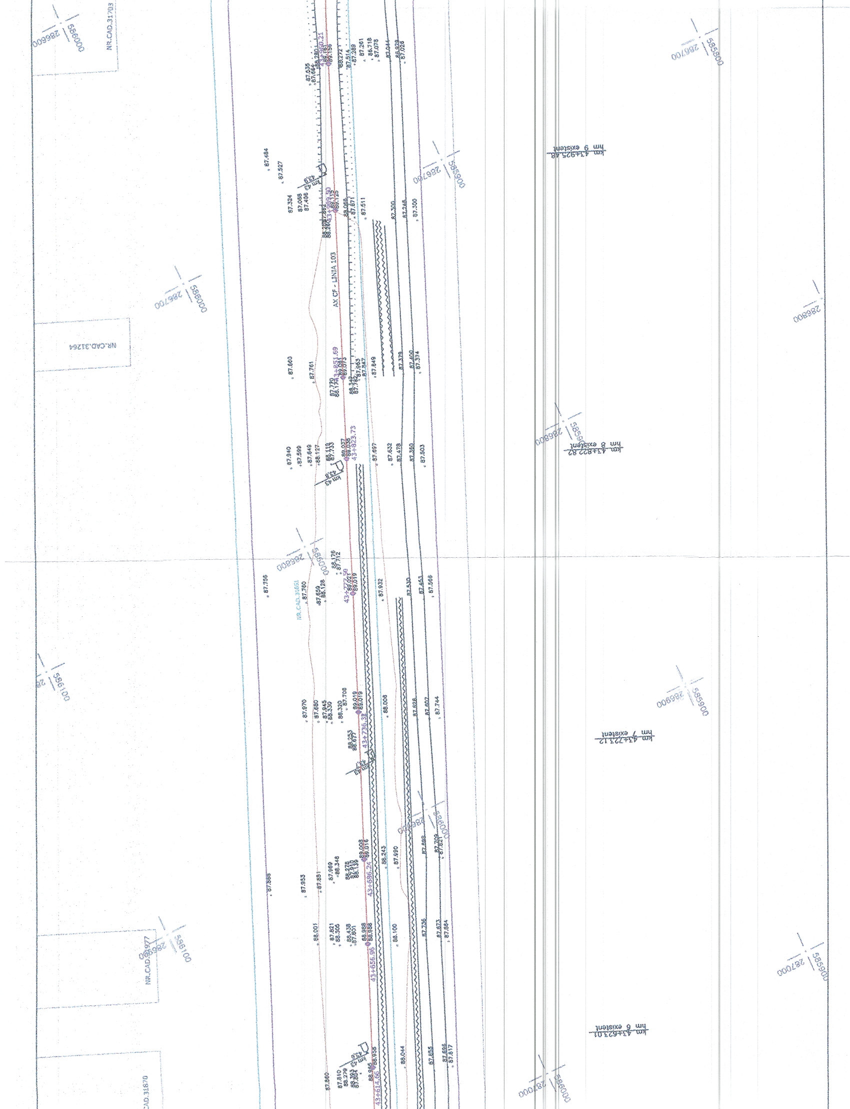
AX CF - LINIA 103
NR.CAD.31703
NR.CAD.31264
NR.CAD.31661
NR.CAD.31677
NR.CAD.31670
km 43+925.48
hm 9 existent
km 43+822.82
hm 8 existent
km 43+723.12
hm 7 existent
km 43+623.01
hm 6 existent
43+950.21
43+899.50
43+851.59
43+823.73
43+777.59
43+736.39
43+696.24
43+655.96
43+614.66
km 43.9
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km 43.6
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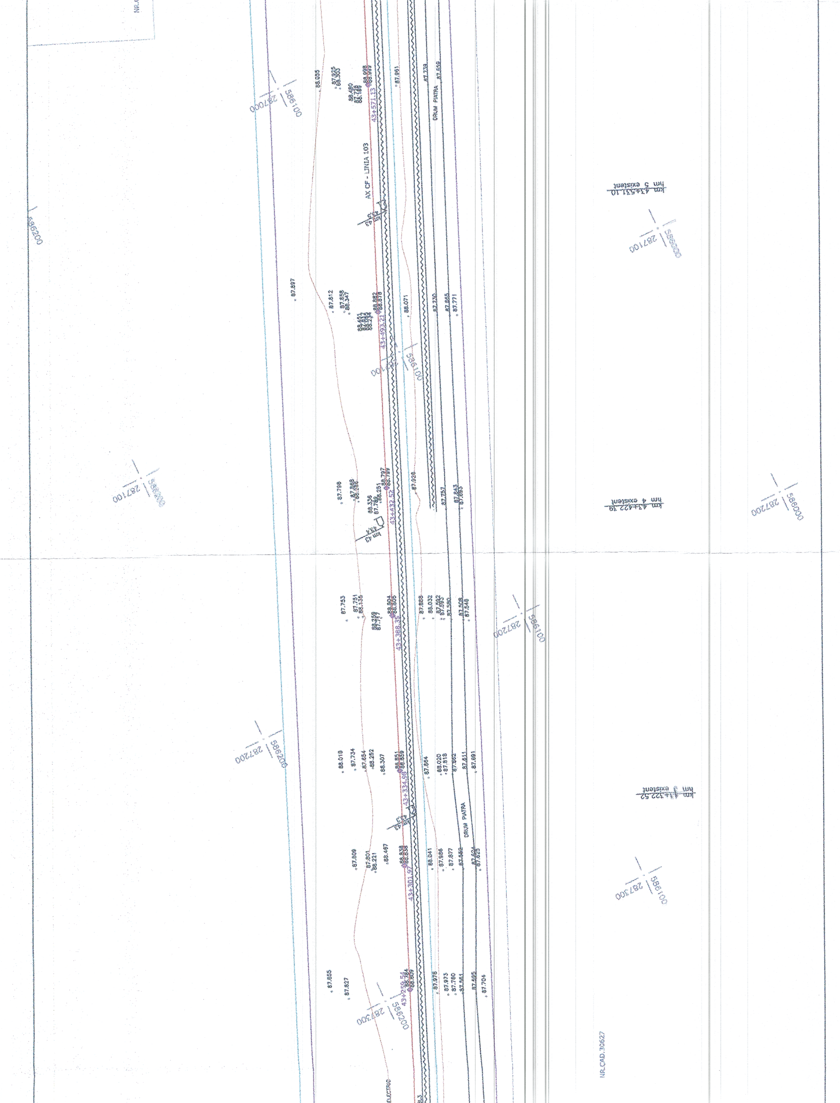
287000
585800
585900
586000
586100


AX CF - LINIA 103
DRUM PIATRA
DRUM PIATRA
43+571.13
43+493.21
43+432.52
43+388.35
43+334.98
43+301.97
43+252.54
km 43+531.10
hm 5 existent
km 43+422.19
hm 4 existent
km 43+322.52
hm 3 existent
km 43
km 43
287000
586100
586200
287100
586000
287200
287300
NR.CAD.30627
ELECTRIC
88.035
87.925
88.303
87.991
87.739
87.659
87.897
87.812
87.858
88.347
88.071
87.730
87.665
87.771
87.796
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87.769
88.251
88.797
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87.753
87.731
88.135
88.894
88.605
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87.580
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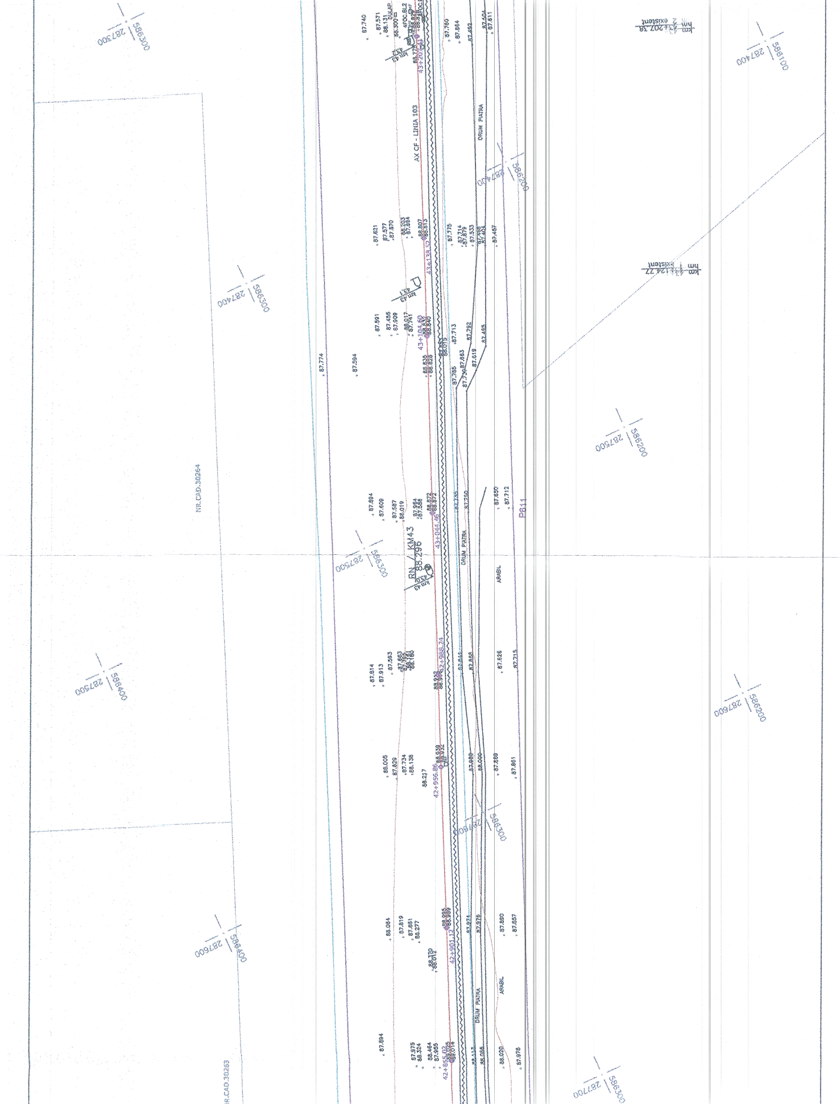
NR.CAD.30264
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AX CF - LINIA 103
DRUM PIATRA
ARABIL
RN / KM43
88.296
P611
km 43
43+207.43
43+138.52
43+104.60
43+044.46
42+988.24
42+956.86
42+901.12
42+853.02
km 42+207.38 hm existent
km 43+124.22 hm existent
287300
586300
287400
586300
287500
586300
287500
586400
287600
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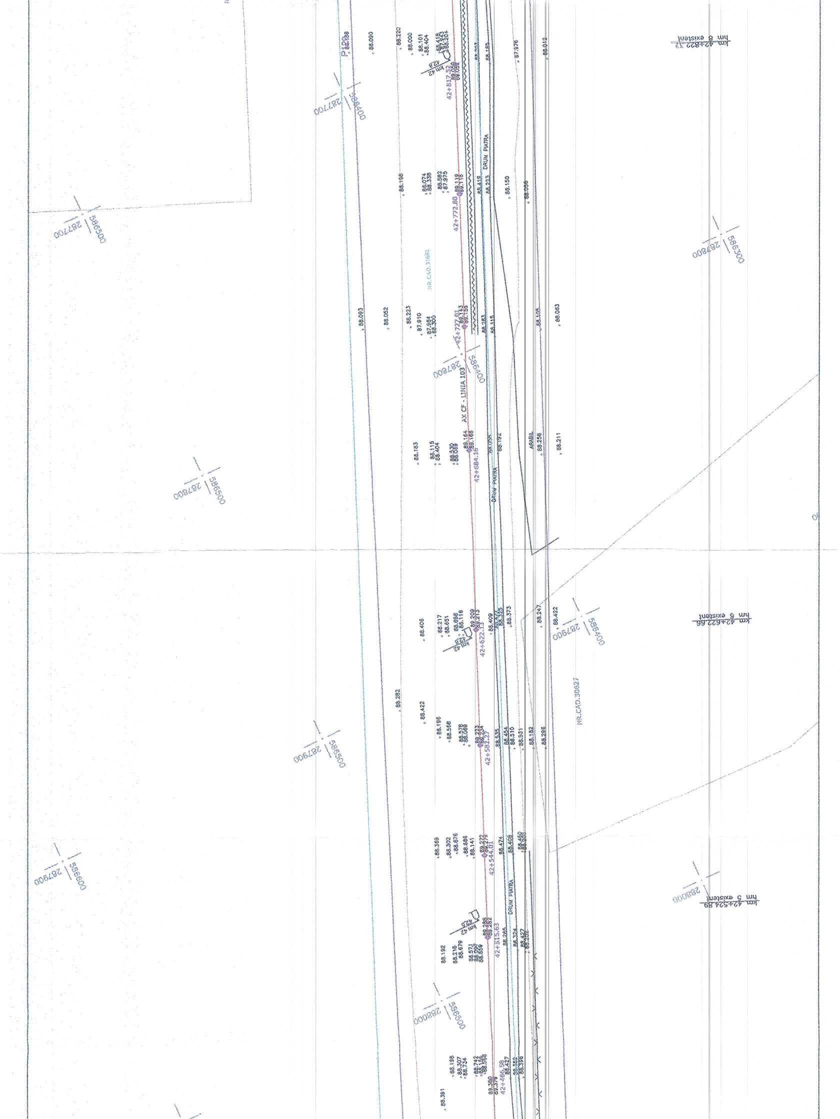
AX CF - LINIA 103
DRUM PIATRA
NR.CAD.31651
NR.CAD.30627
ARABIL
P.120
km 42+822.12 hm 8 existent
km 42+622.66 hm 6 existent
km 42+524.89 hm 5 existent
42+817.52
42+772.80
42+727.81
42+684.45
42+622.13
42+582.27
42+544.01
42+515.63
42+466.58
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586500
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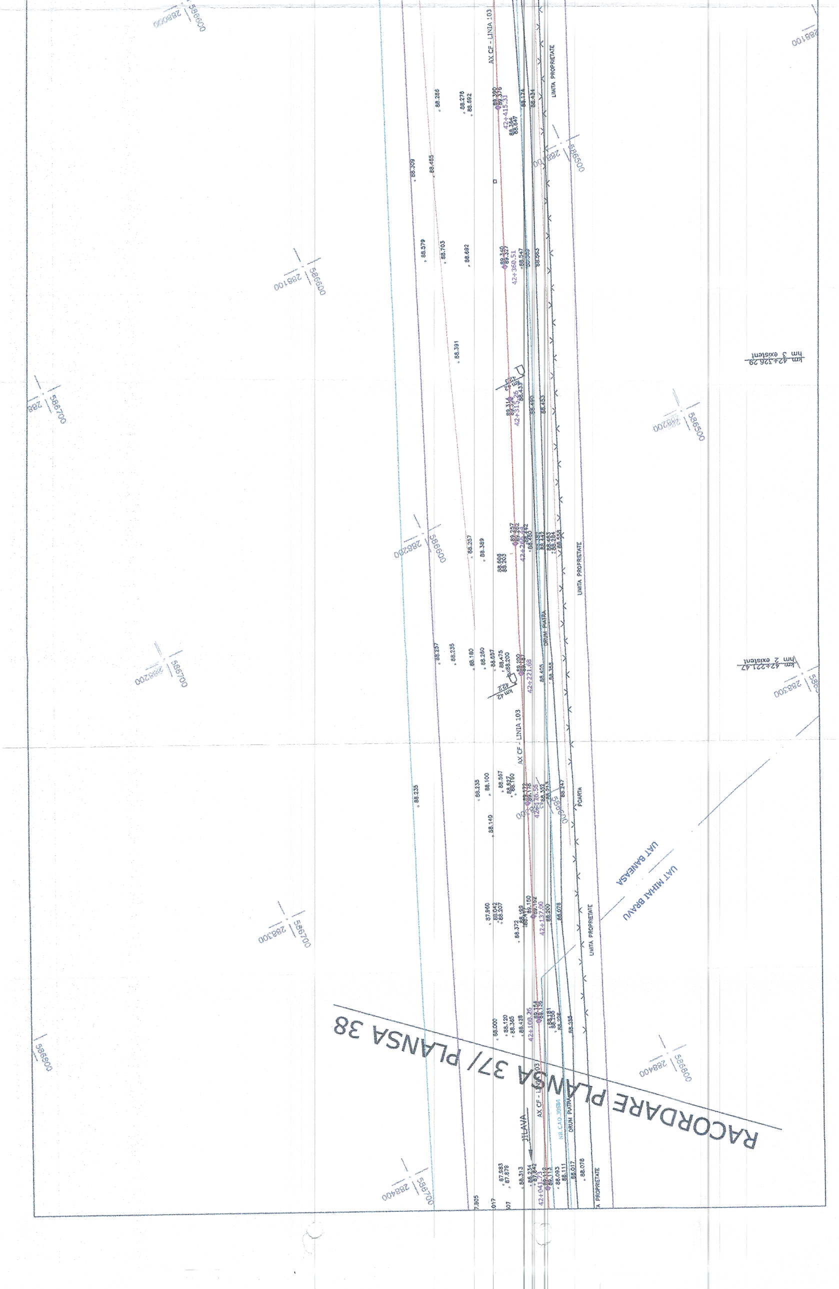
586300
586550
287900
286400
288000


RACORDARE PLANSA 37/ PLANSA 38
AX CF - LINIA 103
LIMITA PROPRIETATE
DRUM PIATRA
POARTA
UAT BANEASA
UAT MIHAI BRAVU
JILAVA
km 42+326.29 hm 3 existent
km 42+221.47 hm 2 existent
km 42
42+415.31
42+360.51
42+315.25
42+221.68
42+137.00
42+100.26
42+041.73
586600 288000
586500 288100
586600 288100
586700 288100
586500 288200
586600 288200
586700 288200
586300 288300
586700 288300
586600 288400
586700 288400
586800