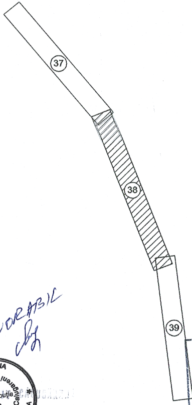
LEGENDA/LEGEND

BORNA RETEA DE INDESIRE/ BENCHMARK OF THE SECONDARY NETWORK
REPER DE NIVELMENT DE BAZA/ REFERENCE BASE LEVEL
REPER DE NIVELMENT TEHNIC/ REFERENCE TECHNICAL LEVEL
BORNA KILOMETRICA-HECTOMETRICA/ KILOMETRIC-HECTOMETRIC BENCHMARK
BORNA ZONA CF/ BENCHMARK OF THE RAILWAY AREA
BORNA CABLU/ CABLE BENCHMARK
BORNA FIBRA OPTICA/ OPTICAL FIBER BENCHMARK
MUFA CABLU/ CABLE BOX
CUTIE CABLU/ CABLE BOX
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
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
JOANTA IZOLATA DE LEGATURA/ INSULATING JOINT
SCHIMBARE TIP SINA DE CALE FERATA/ RAIL TYPE CHANGE
SCHIMBARE TIP DE TRAVERSE/ SLEEPER TYPE CHANGE
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
1:9 NR 7/8 TIP49 1:9	
NR 6 TIP49 1:9	SCHIMBATORE DE CALE/ SWITCH
NR 6 TIP49 1:9	
○	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



CONSILIUL JUDEȚEAN GIURGIU
ANEXA
LA
CERTIFICATUL DE URBANISM
Nr. 244 din 20.12.2017
ARHITECT ȘEF

FAVORABIL

E-DISTRIBUȚIE MUNTENIA SA

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

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT
UNIUNEA EUROPEANĂ

GUVERNUL ROMÂNIEI
GOVERNMENT OF ROMANIA

Instrumente Structurale 2014-2020

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
PROIECTANT/ DESIGNER	ing. R. BURCEA	
EXPERT CHEIE/ KEY EXPERT	ing. G.UNGUREANU	
MP/PM	ing. G.UNGUREANU	

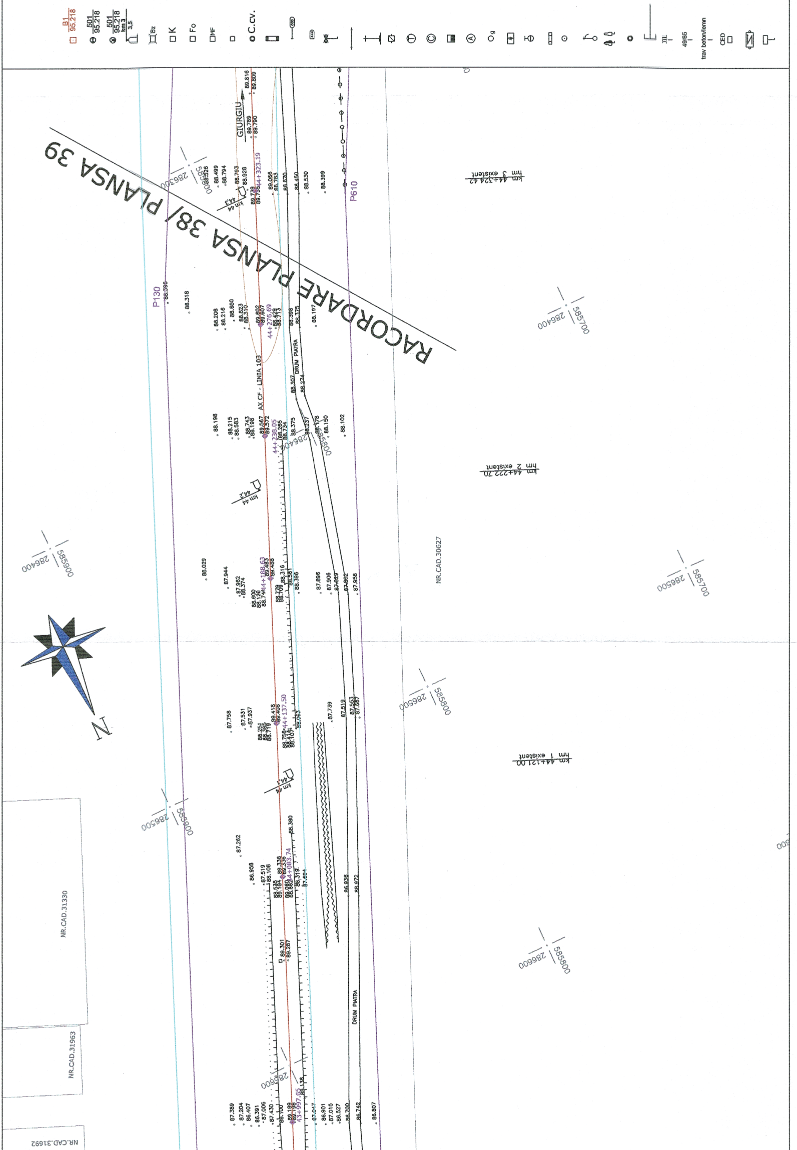
SPECIALITATE/ SPECIALITY:
STUDIU TOPOGRAFIC
TOPOGRAPHICAL STUDY

DENUMIRE PLAN/ DRAWING TITLE:
PLAN DE SITUATIE/ LAYOUT PLAN
INTERVAL CF MIHAI BRAVU-BANEASA GIURGIU/
BANEASA GIURGIU-MIHAI BRAVU SECTION

DATA/DATE: 10.2017
SCARA/SCALE: 1:1000
EXEMPLAR NR./ EXEMPLARY NO. 1

COD PLAN/CODIFICATION SYSTEM:

ST	207	Lot 2	23	ST	38	00


B1
95.218
501
95.218
501
95.218
km 3
3,5
Bz
K
Fo
MF
C.CV.
49/65
trav beton/lemn
CED
RACORDARE PLANSA 38/ PLANSA 39
GIURGIU
AX CF - LINIA 103
DRUM PIATRA
DRUM PIATRA
P130
P610
44+323.19
44+276.69
44+238.05
44+188.63
44+137.50
44+083.74
43+997.65
km 44 44,3
km 44 44,2
km 44 44,1
km 44+324.42 hm 3 existent
km 44+222.70 hm 2 existent
km 44+121.00 hm 1 existent
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NR.CAD.31330
NR.CAD.31963
NR.CAD.31692
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86.391
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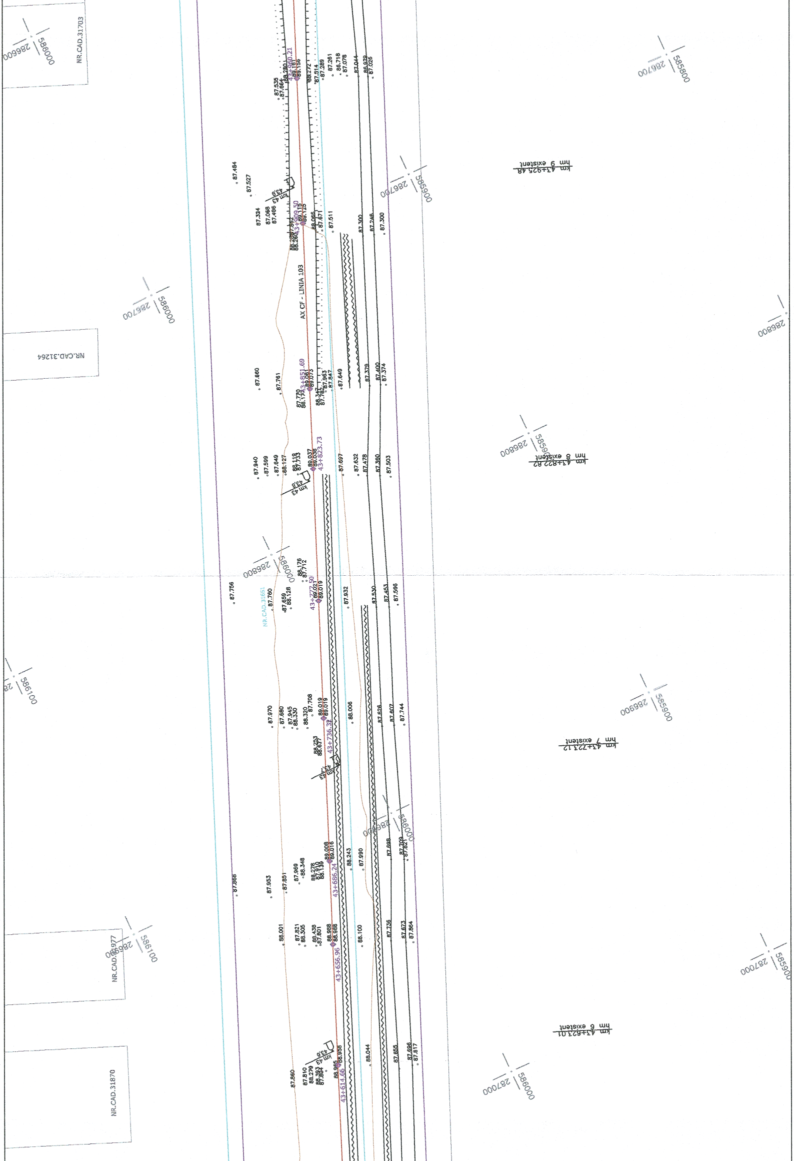
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NR.CAD.31264
NR.CAD.31651
NR.CAD.31870
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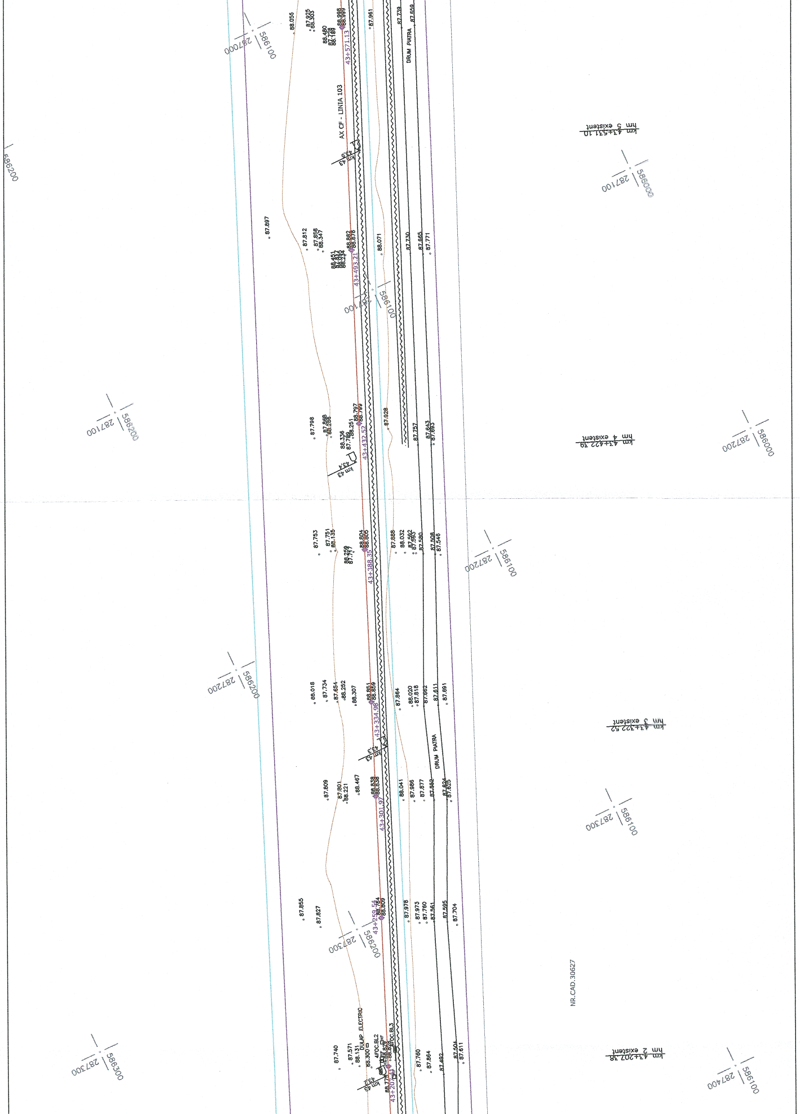
km 43+925.48
hm 9 existent
km 43+822.82
hm 8 existent
km 43+723.12
hm 7 existent
km 43+623.01
hm 6 existent
km 43 9
km 43 8
km 43 7
km 43 6
43+960.21
43+909.50
43+851.69
43+823.73
43+777.50
43+736.32
43+686.24
43+656.96
43+614.65
286600
586000
286700
585800
585900
286800
586100
286900
287000
586000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DRUM PIATRA
DRUM PIATRA
km 43+531.10
hm 5 existent
km 43+422.39
hm 4 existent
km 43+322.52
hm 3 existent
km 43+207.38
hm 2 existent
43+571.13
43+493.21
43+432.52
43+388.35
43+334.98
43+301.97
43+259.54
43+207.63
km 43 4,5
km 43 4,4
km 43 4,3
km 43 4,2
DULAP ELECTRIC
4FOC.BL2
4FOC.BL3
NR.CAD.30627
586200
287000
586100
287100
586000
287200
287300
586300
287400
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87.730
87.665
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87.981
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87.659
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87.751
88.135
87.888
88.032
87.580
87.508
87.548
88.018
87.734
87.654
88.252
88.307
87.864
88.020
87.818
87.662
87.611
87.691
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87.801
88.221
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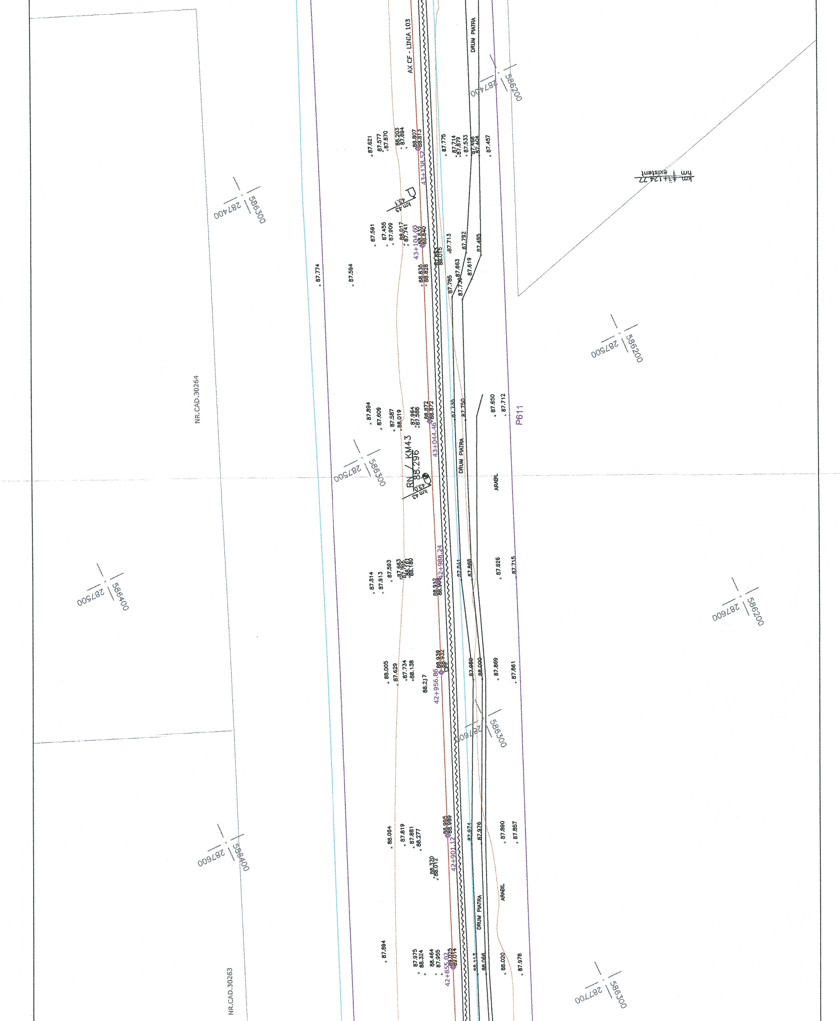
87.611


AX CF - LINIA 103
DRUM PIATRA
DRUM PIATRA
DRUM PIATRA
ARABIL
ARABIL
P611
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NR.CAD.30263
km 43+124.77 existent
hm
RN KM43
88.296
km 43
km 43.1
43+138.52
43+104.60
43+044.46
42+988.24
42+956.86
42+901.12
42+855.02
287400 586200
287400 586300
287500 586200
287500 586300
287500 586400
287600 586200
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87.870
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87.533
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87.591
87.455
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88.828
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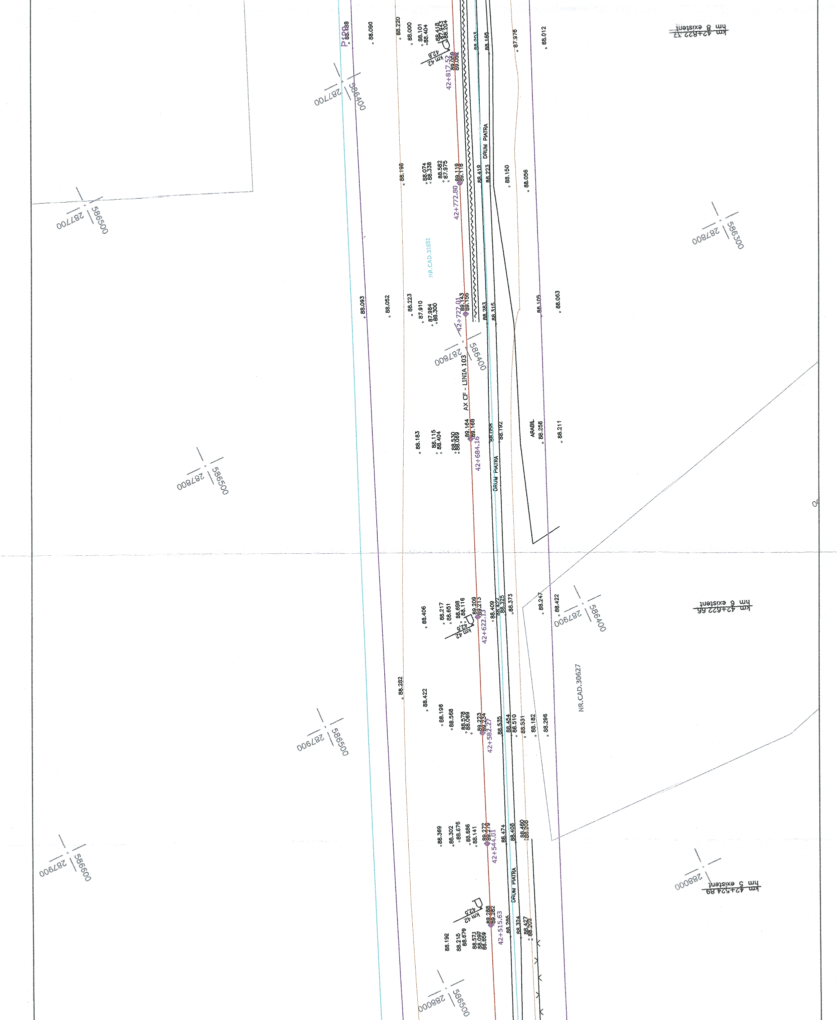
km 42+822.37
hm 8 existent
km 42+622.66
hm 6 existent
km 42+524.89
hm 5 existent
AX CF - LINIA 103
DRUM PIATRA
DRUM PIATRA
DRUM PIATRA
ARABIL
NR.CAD.31651
NR.CAD.30627
P130
42+817.52
42+772.80
42+722.01
42+684.16
42+622.13
42+582.27
42+544.01
42+515.63
km 42
426
287700
586400
287700
586500
287800
586300
287800
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287800
586500
287900
586400
287900
586500
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288000
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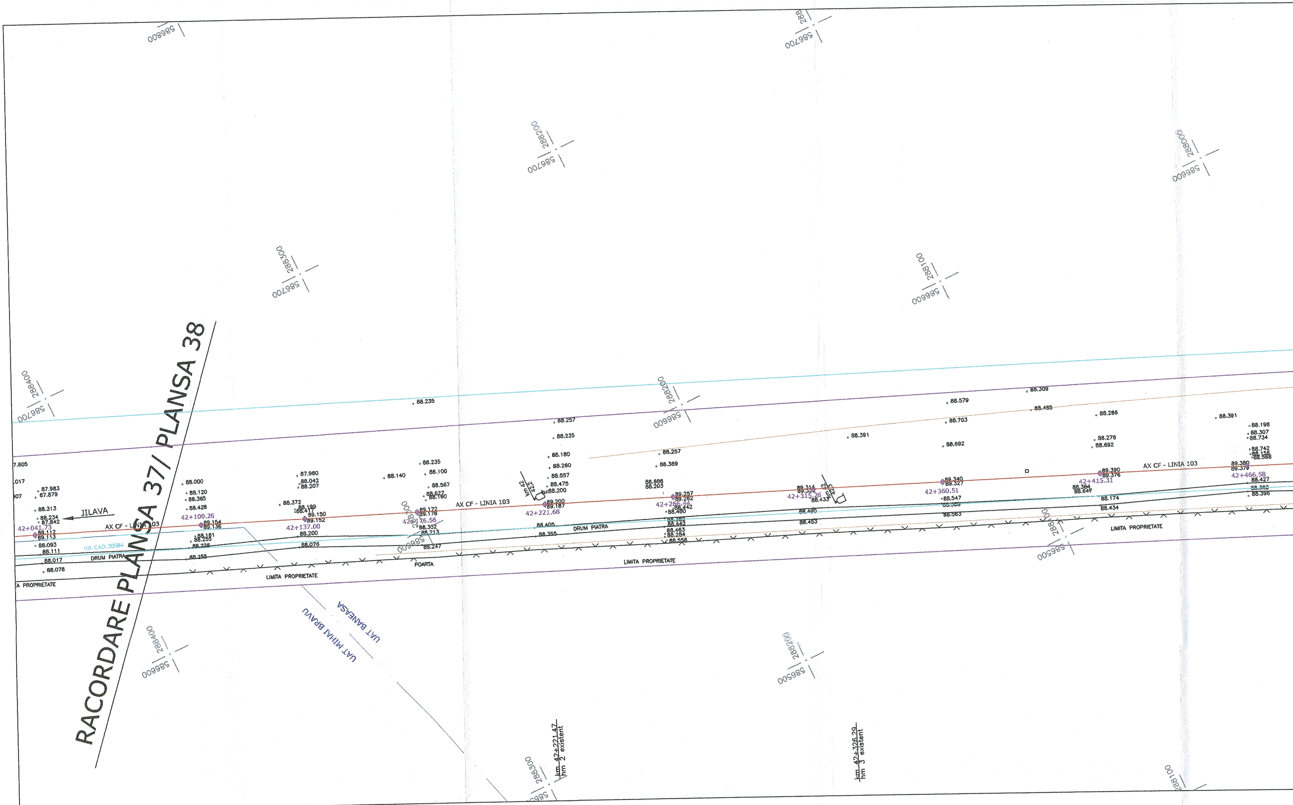
RACORDARE PLANSA 37/ PLANSA 38
AX CF - LINIA 103
AX CF - LINIA 103
AX CF - LINIA 103
JILAVA
NR.CAD.30584
DRUM PIATRA
DRUM PIATRA
LIMITA PROPRIETATE
LIMITA PROPRIETATE
LIMITA PROPRIETATE
LIMITA PROPRIETATE
POARTA
UAT BANEASA
UAT MIHAI BRAVU
km 42
42.2
km 42
42.3
km 42+221.47
hm 2 existent
km 42+326.29
hm 3 existent
42+041.73
42+100.26
42+137.00
42+176.56
42+221.68
42+268.44
42+315.26
42+360.51
42+415.31
42+466.58
288400
586700
586800
288300
586700
288200
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88.078
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07
A PROPRIETATE