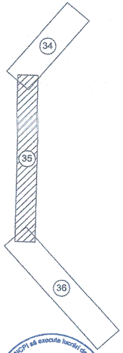
LEGENDA/LEGEND

□ 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
○ g	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 TP43 1:9 ; NR 6 TP45 1:9 ; NR 6 TP45 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

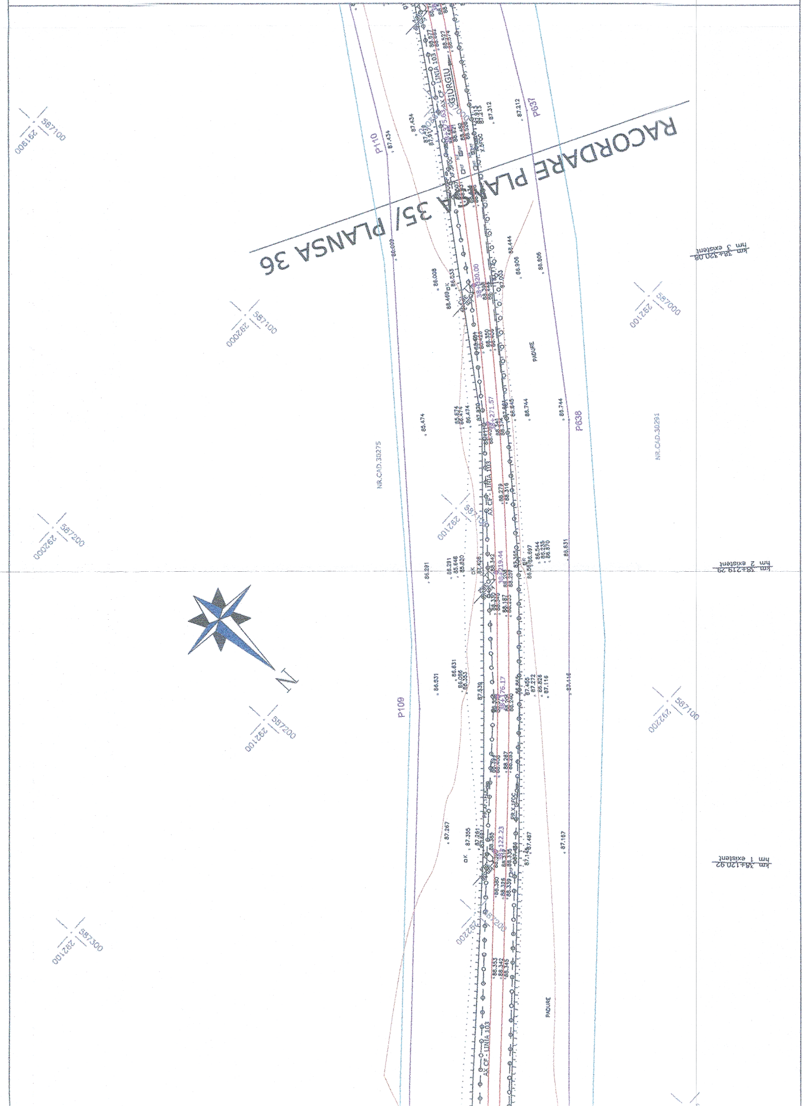
NOTĂ: SISTEM DE PROIECTIE STEREOGRAFIC 1970
SISTEM DE REFERINȚĂ PENTRU COTE "0" MAREA NEAGRĂ 1975

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
nr. 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:	CFR	COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE: SUBCONTRACTANT/ S.C. VIOTOP SRL SUBCONTRACTOR: J/40/4967/1999	J40/9877/2001 & acciona Ingeniería J40/20534/2004	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 VLAD TEPES-MIHAI BRAVU/ VLAD TEPES-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 21 ST 35 00


RACORDARE PLANSA 35/ PLANSA 36
km 78+320.08
hm 3 existent
km 78+219.29
hm 2 existent
km 78+120.92
hm 1 existent
AX CF - LINIA 103
GIURGIU
P110
P637
P638
P109
NR.CAD.30275
NR.CAD.30291
PADURE
PADURE
N
291900
587100
292000
587100
292100
587000
292000
587200
292100
587100
292100
587200
292200
587100
292100
587300
292200
587200
87.434
87.434
87.312
87.212
86.444
86.906
86.806
86.744
86.744
85.474
86.291
88.631
86.631
87.116
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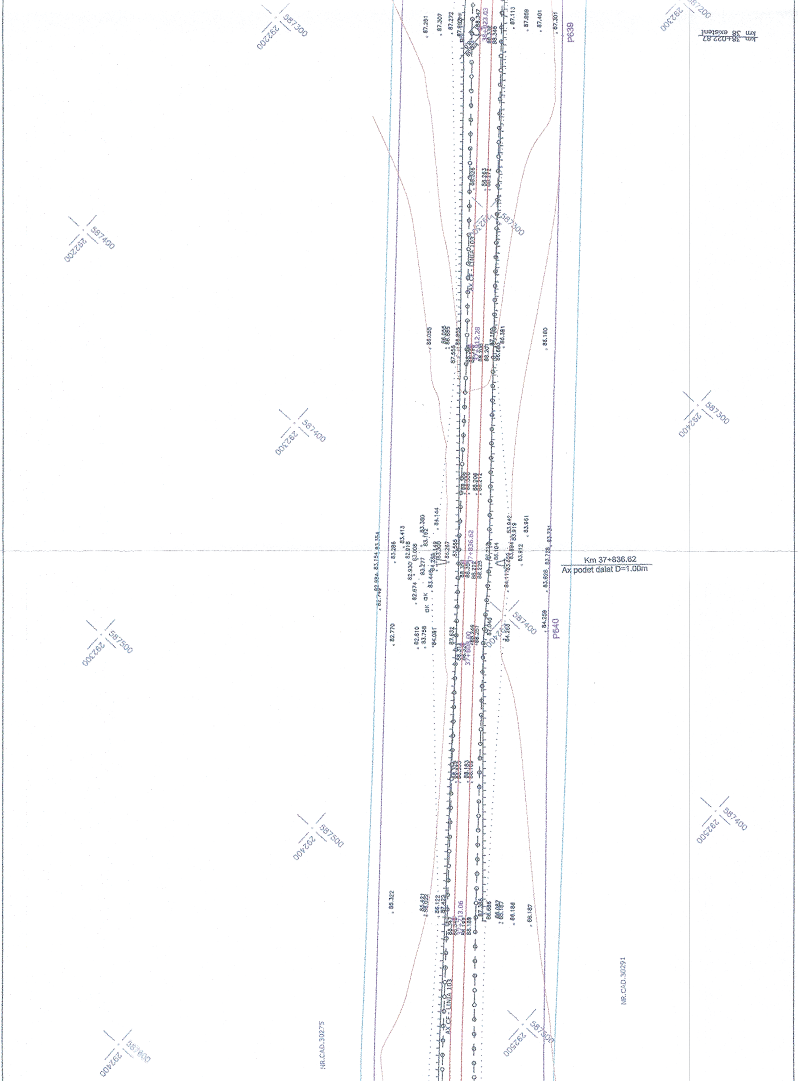
88.339


Km 37+836.62
Ax podet dalat D=1.00m
P639
P640
AX CF - LINIA 103
NR.CAD.30275
NR.CAD.30291
km 38+022.87 existent
587300
292200
587400
292300
587500
292400
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83.154
83.354
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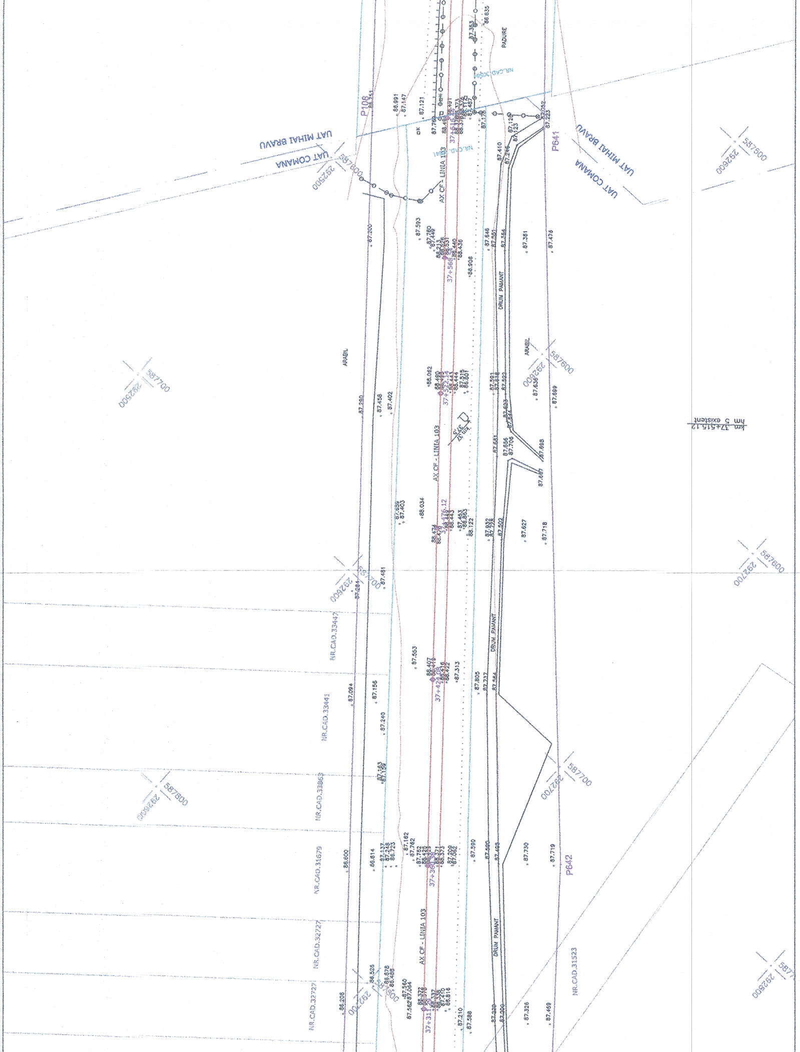
83.961


UAT MIHAI BRAVU
UAT COMANA
UAT MIHAI BRAVU
UAT COMANA
P108
P641
P642
PADURE
ARABIL
ARABIL
AX CF - LINIA 103
AX CF - LINIA 103
AX CF - LINIA 103
DRUM PAMANT
DRUM PAMANT
DRUM PAMANT
km 37+515.12
hm 5 existent
37+476.12
NR.CAD.33447
NR.CAD.33441
NR.CAD.33863
NR.CAD.31679
NR.CAD.32727
NR.CAD.32727
NR.CAD.31523
292500
587700
292600
587600
292700
587600
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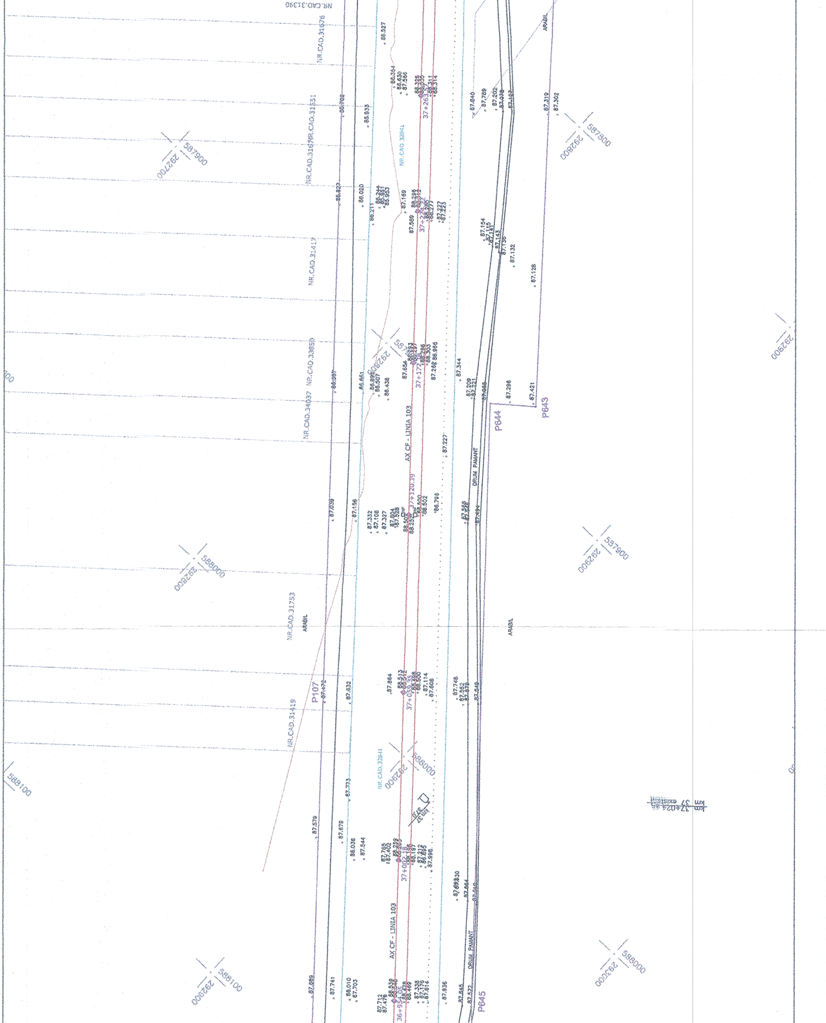
587700
292600
587500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NR.CAD.31551
NR.CAD.31
NR.CAD.32841
NR.CAD.31417
NR.CAD.33850
NR.CAD.34037
NR.CAD.31753
ARABIL
NR.CAD.31419
NR.CAD.32841
AX CF - LINIA 103
DRUM PAMANT
P107
P643
P644
P645
37+263
37+217
37+172
37+120.19
37+0
36+954.05
km 37+024.46 existent
292700
587900
292800
587900
292800
588000
292900
587900
292900
588000
292800
588000
292900
588100
588100
292900
ARABIL
87.319
87.302
87.128
87.132
87.421
87.298
87.344
87.227
86.796
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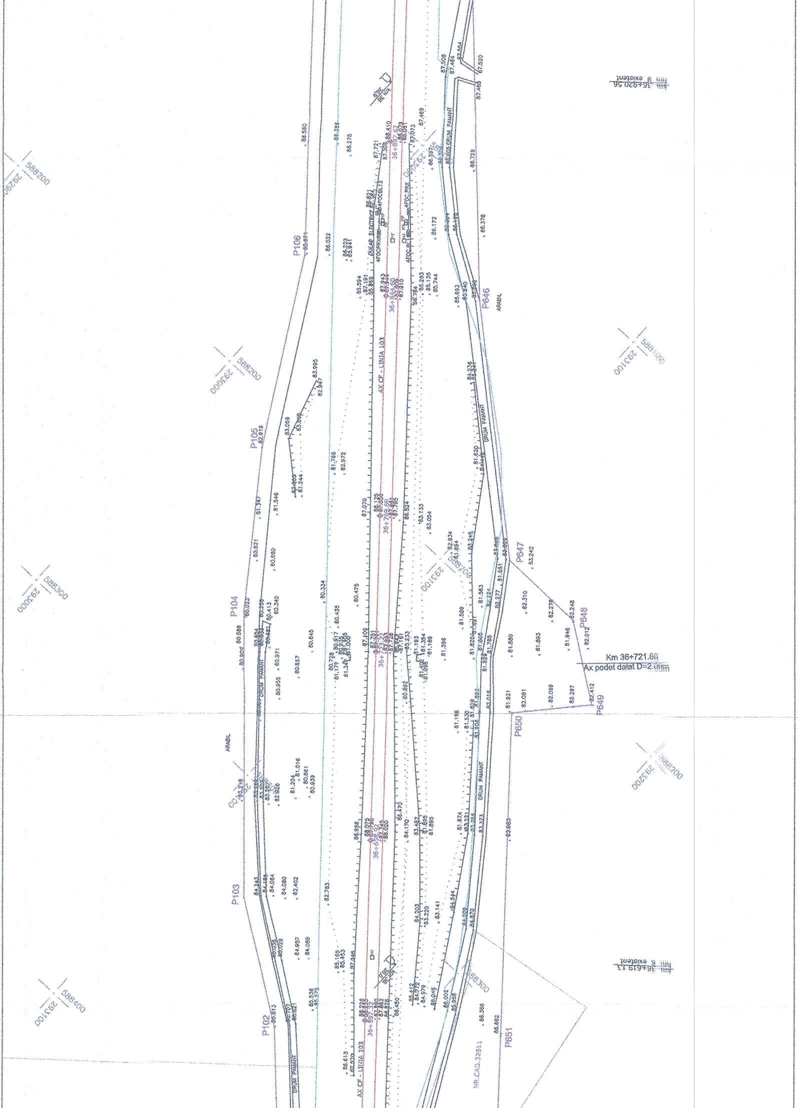
km 36+920.56 existent
km 36+619.17 existent
Km 36+721.60
Ax podet dalat D=2.00m
AX CF - LINIA 103
DULAP ELECTRIC
DRUM PAMANT
ARABIL
NR.CAD.32611
36+897.52
36+864.60
36+769.60
36+658.92
36+597.32
P102
P103
P104
P105
P106
P646
P647
P648
P649
P650
P651
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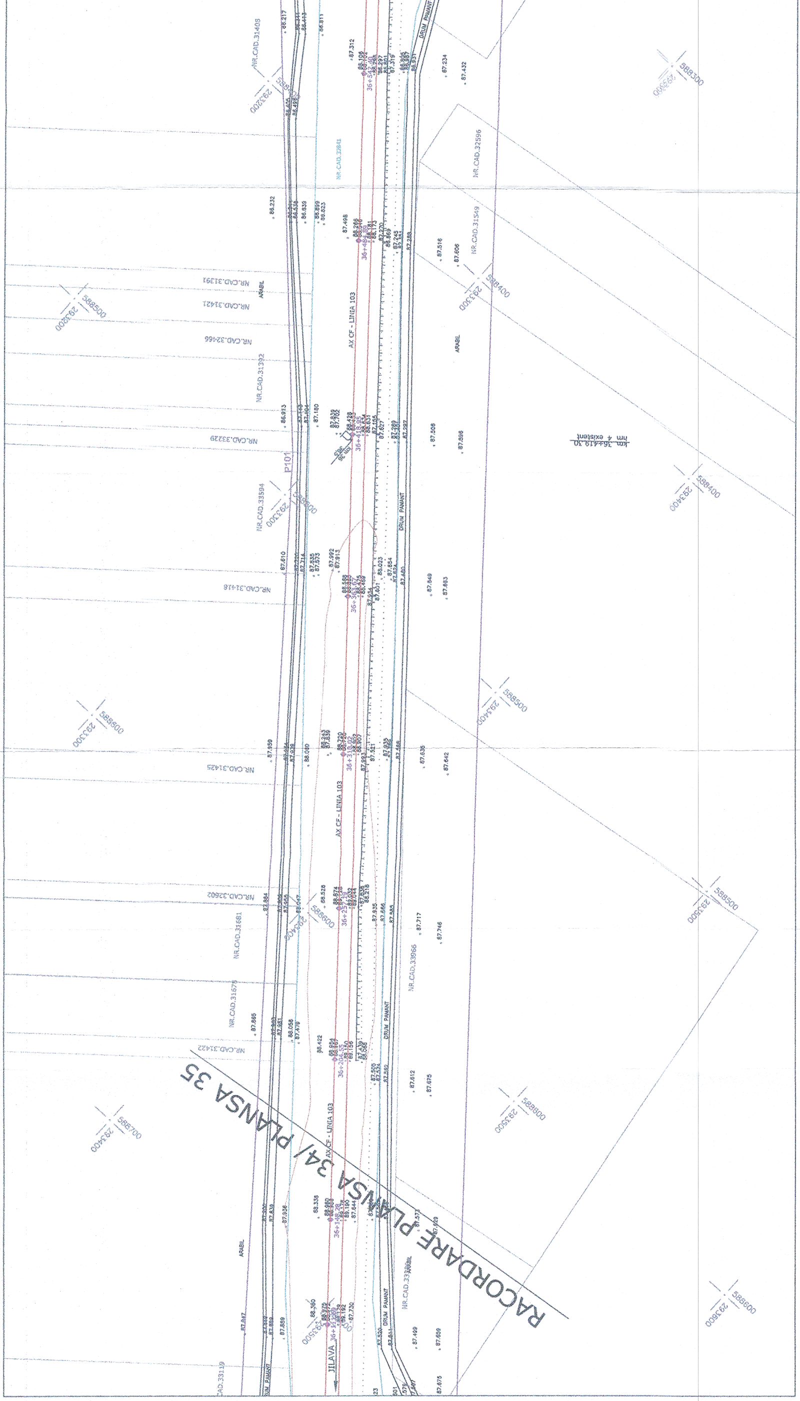
293100 588400


RACORDARE PLANSA 34/ PLANSA 35
AX CF - LINIA 103
AX CF - LINIA 103
AX CF - LINIA 103
DRUM PAMANT
DRUM PAMANT
DRUM PAMANT
DRUM PAMANT
ARABIL
ARABIL
ARABIL
km 36+419.10
hm 4 existent
P101
JILAVA
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CAD.33119
36+542
36+480
36+418
36+363
36+310
36+257
36+204
36+148
293200 588300
293300 588400
293200 588500
293300 588400
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293300 588600
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293600 588600