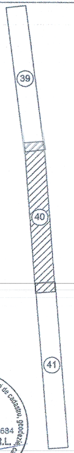
LEGENDA/LEGEND

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
NR 7/8 TIP49 1:9 1:9 NR 8 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

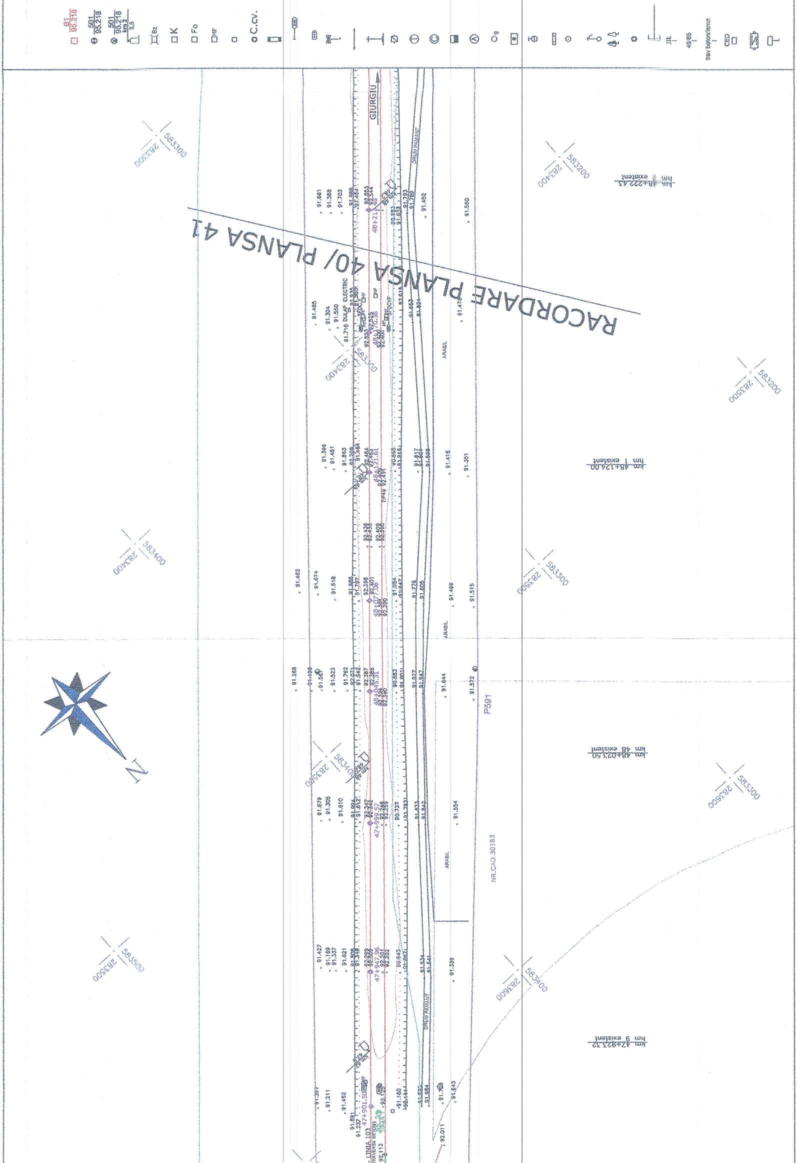
NOTA: SISTEM DE PROIECTIE STEREOGRAFIC 1970
SISTEM DE REFERINȚĂ PENTRU COTE "0" MAREA NEAGRĂ 1975

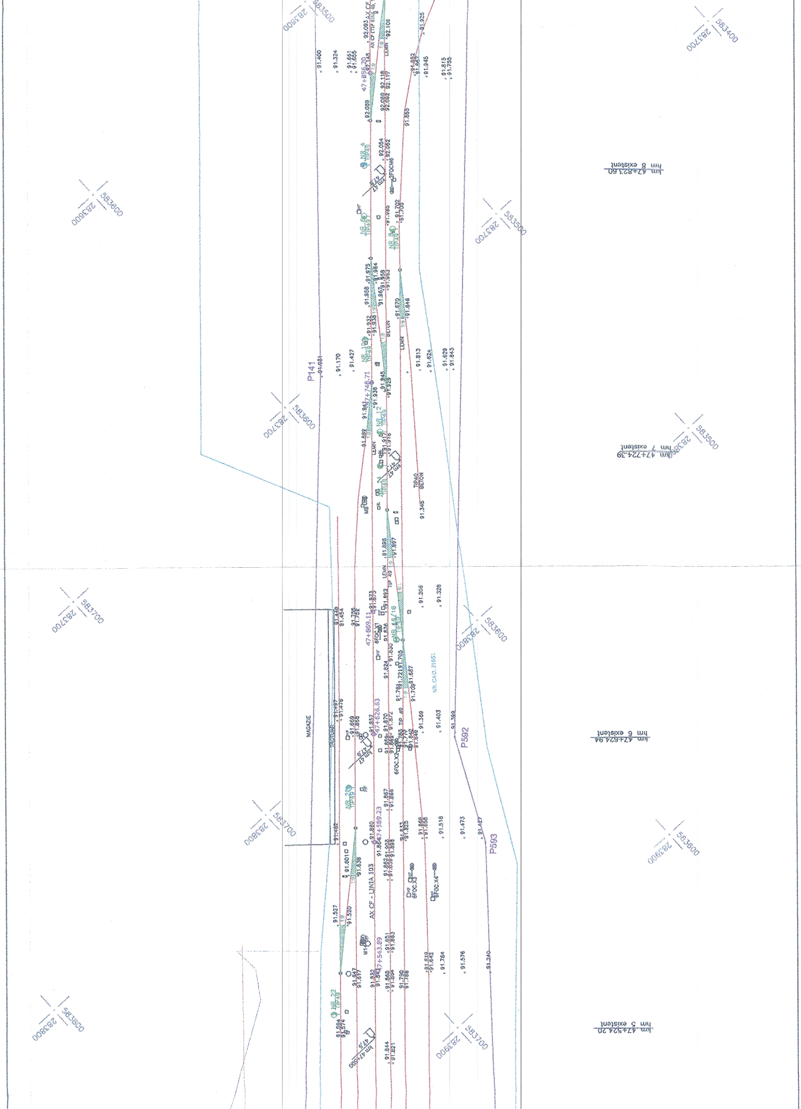
NOTE: STEREOGRAPHIC PROJECT SYSTEM 1970
REFERENCE SYSTEM FOR QUOTES "0" BLACK SEA 1975

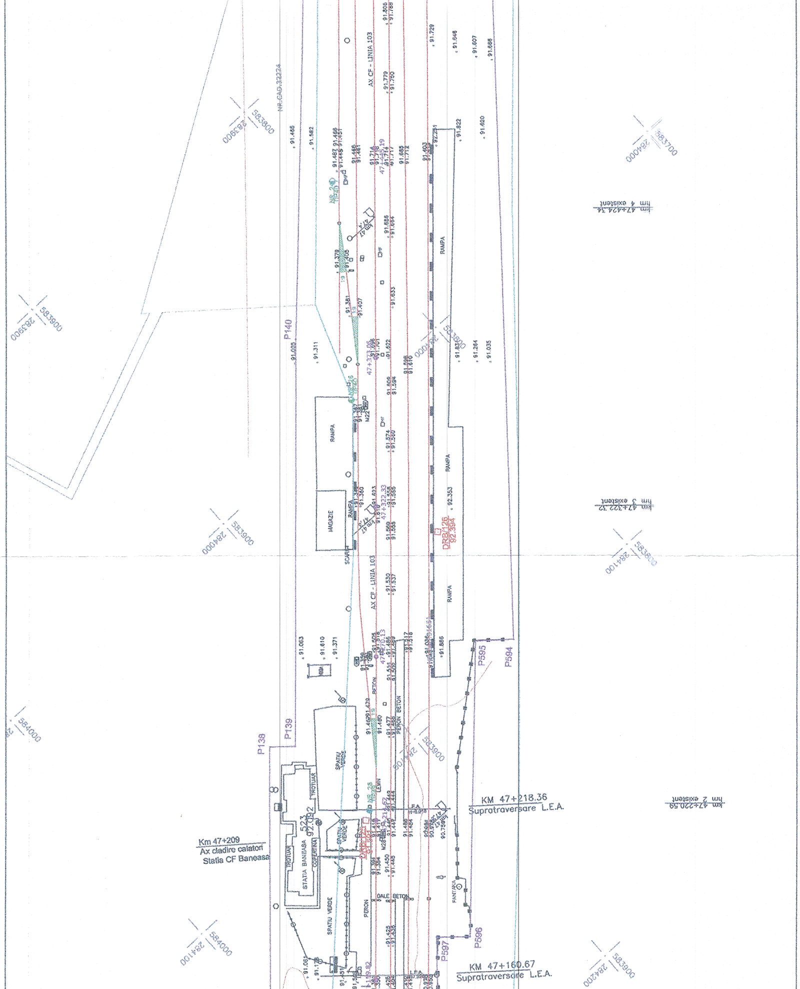
CENTRUL NAȚIONAL DE CARTOGRAFIE
Prezentul document este însoțit de procesul-verbal de recepție
3 ..... /data 30.03.2018
Margareta DOGARU - Coordonator comisie recepție C.N.C.

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 & accìona 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*

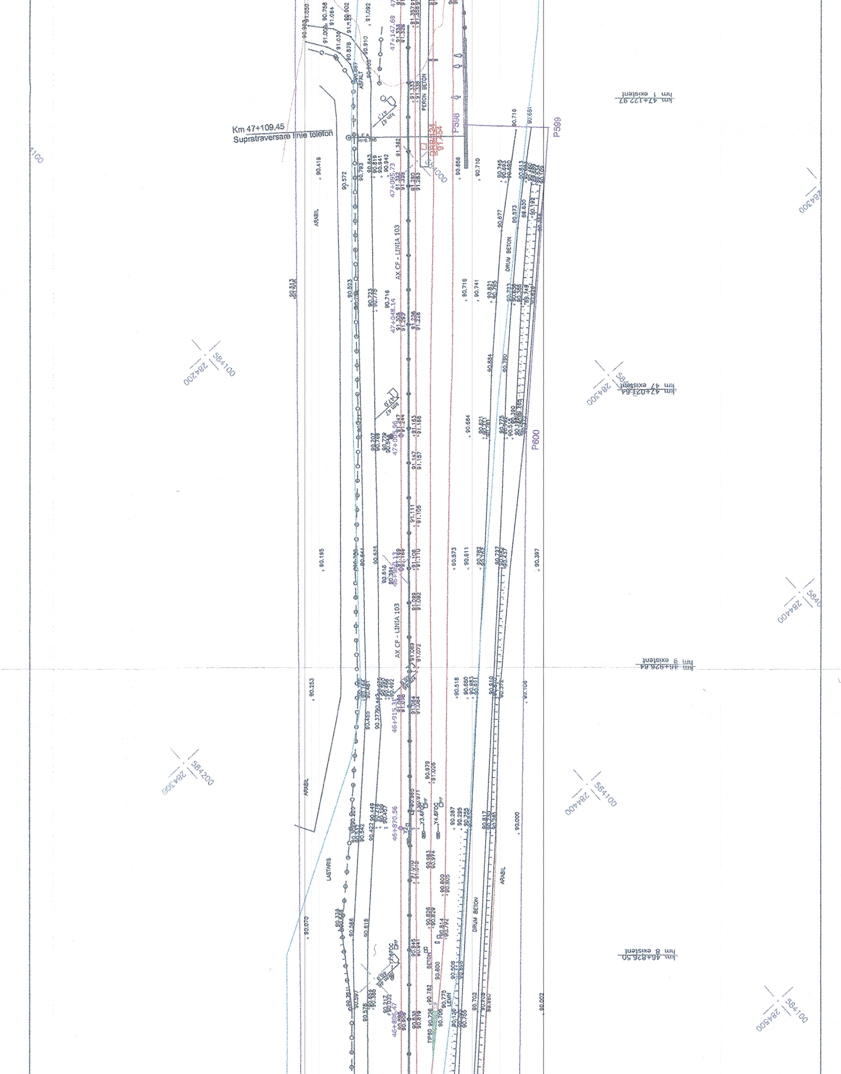
	NUME/NAME	SEMNATURA/ SIGNATURE	SPECIALITATE/ SPECIALITY	STUDIU TOPOGRAFIC TOPOGRAPHICAL STUDY
PROIECTANT/ DESIGNER	Ing. R. BURCEA			
EXPERT CHEIE/ KEY EXPERT	Ing. G.UNGUREANU		DENUMIRE PLAN/ DRAWING TITLE	PLAN DE SITUATIE/LAYOUT PLAN STATIA CF BANEASA GIURGIU/ BANEASA GIURGIU RAILWEY STATION
MP/PM	Ing. G.UNGUREANU			
DATA/DATE: 01.2018		SCARA/SCALE: 1:1000	EXEMPLAR NR./ EXEMPLARY NO. 1	COD PLAN/CODIFICATION SYSTEM: ST 207 Lot 2 24 ST 40 00

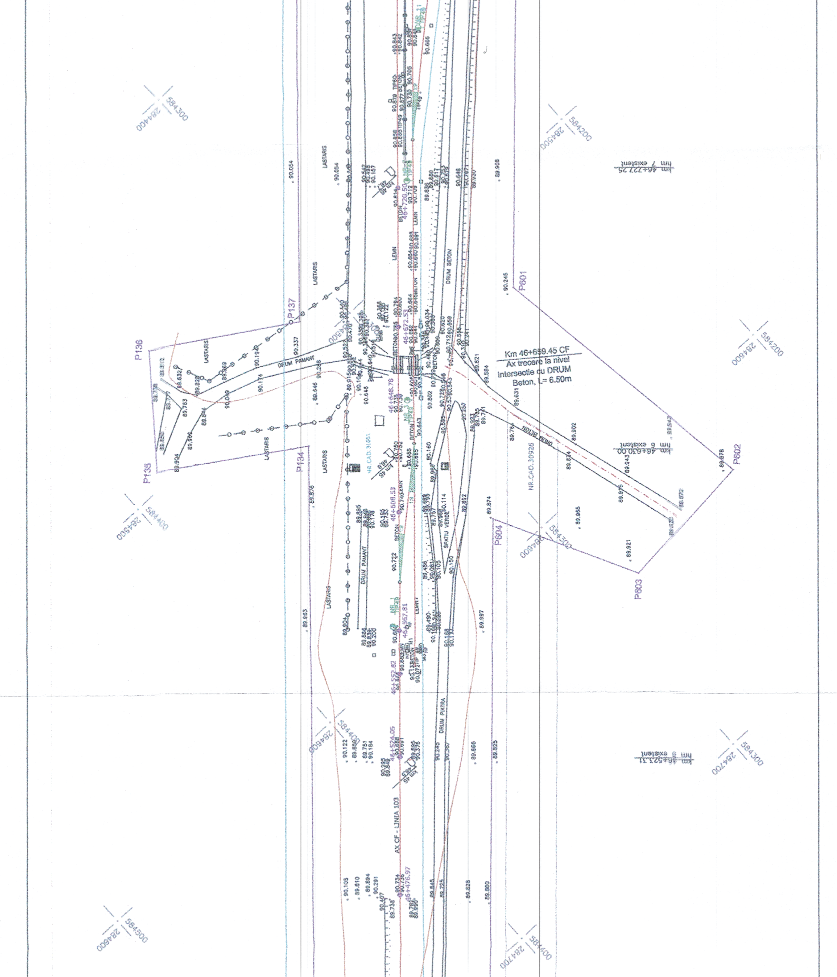

RACORDARE PLANSA 40/ PLANSA 41
GIURGIU
DRUM PAMANT
ARABIL
P591
NR.CAD.30183
DULAP ELECTRIC
LINIA 103
N
km 48+222.43 km 2 existent
km 48+124.00 km 1 existent
km 48+023.50 km 48 existent
km 47+923.32 km 9 existent
283300 583300
283400 583200
283500 583200
283400 583300
283400 583400
283500 583300
283500 583400
283600 583300
283500 583500
283600 583400
B1 95.218
501 95.218
501 95.218 km 3
3,5
Bz
K
Fo
MF
C.CV.
JIL
49.65
trav beton/lemn
CED


km 47+823.60 hm 8 existent
km 47+724.39 hm 7 existent
km 47+624.94 hm 6 existent
km 47+524.20 hm 5 existent
AX CF - LINIA 103
47+856.70
47+748.71
47+669.11
47+626.63
47+589.23
47+543.89
MAGAZIE
TROTUAR
NR.CAD.31651
P141
P592
P593
LEMN
BETON
TIP 49
283700
283600
283800
583500
583600
583700
583400



Km 47+209
Ax cladire calatori
Statia CF Baneasa
KM 47+218.36
Supratraversare L.E.A.
KM 47+160.67
Supratraversare L.E.A.
AX CF - LINIA 103
NR.CAD.32224
STATIA BANEASA
RAMPA
MAGAZIE
SCARI
TROTUAR
COPERTINA
SPATIU VERDE
PERON
PERON BETON
BETON
DALE BETON
LEMN
FANTANA
DRB/135
92.384
P138
P139
P140
P594
P595
P596
P597
km 47+424.34
km 4 existent
km 47+322.32
km 3 existent
km 47+220.59
km 2 existent
47+373.06
47+322.33
47+270.13
583800
283900
583900
284000
584000
284100
583700
284200


Km 47+109,45
Supratraversare linie telefon
AX CF - LINIA 103
hm 1 existent km 47+122.97
km 47 existent 47+021.64
hm 9 existent km 46+926.84
hm 8 existent km 46+826.50
47+147.59
47+095.73
47+048.14
46+915.31
46+870.56
46+805.47
P598
P599
P600
PERON BETON
ASFALT
DRUM BETON
ARABIL
LASTARIS
BETON
km 47
H=8.716
584100
284200
284300
284400
284500
584200
90.419
90.572
90.195
90.253
90.070
90.397
90.108
90.000
90.002


Km 46+659.45 CF
Ax trecere la nivel
Intersectie cu DRUM
Beton, L= 6.50m
AX CF - LINIA 103
km 46+727.25
hm 7 existent
km 46+630.00
hm 6 existent
km 46+523.31
hm 5 existent
46+720.50
46+672.53
46+648.76
46+608.53
46+567.81
46+552.62
46+524.05
46+476.97
DRUM PAMANT
DRUM BETON
DRUM PIATRA
SPATIU VERDE
LASTARIS
BETON
LEMN
NR.CAD.31621
NR.CAD.30526
P134
P135
P136
P137
P601
P602
P603
P604
284400
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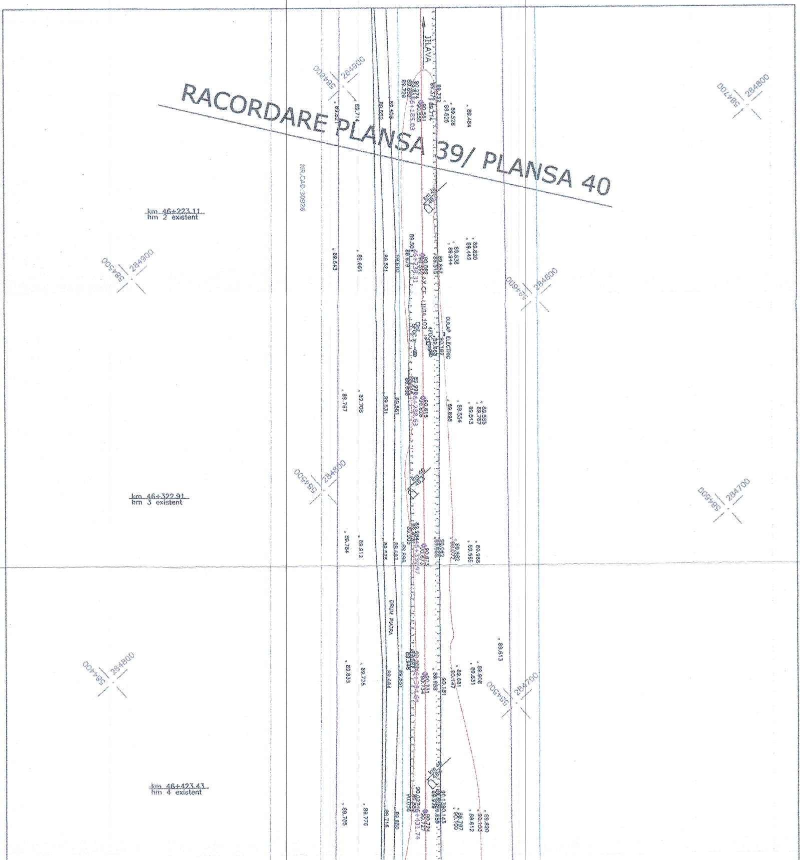
284600
584400
284700


RACORDARE PLANSA 39/ PLANSA 40
JILAVA
NR.CAD.30926
km 46+223.11
hm 2 existent
km 46+322.91
hm 3 existent
km 46+423.43
hm 4 existent
DULAP ELECTRIC
AX CF LINIA 103
DRUM PIATRA
584400
584500
584600
584700
284700
284800
284900
89.484
89.528
89.625
89.714
89.620
89.442
89.638
89.944
89.643
89.661
89.521
89.610
89.589
89.767
89.513
89.556
89.898
89.767
89.706
89.531
89.561
89.968
89.665
89.784
89.912
89.525
89.697
89.696
89.613
89.606
89.631
89.839
89.725
89.684
89.820
89.812
89.705
89.776
89.716
89.880