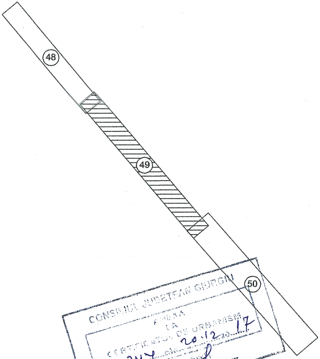
LEGENDA/LEGEND

BORNA RETEA DE INDESIRE/ BENCHMARK OF THE SECONDARY NETWORK	○78.658	PUNCT RADIAT/ RADIATED POINT
REPER DE NIVELMENT DE BAZA/ REFERENCE BASE LEVEL	⊙ 67+251.00	PICHET/ STAKE
REPER DE NIVELMENT TEHNIC/ REFERENCE TECHNICAL LEVEL	1:9 NR 7/8 TIP49 1:9	
BORNA KILOMETRICA-HECTOMETRICA/ KILOMETRIC-HECTOMETRIC BENCHMARK	NR 6 TIP49 1:9	SCHIMBATORE DE CALE/ SWITCH
BORNA ZONA CF/ BENCHMARK OF THE RAILWAY AREA	NR 6 TIP49 1:9	
BORNA CABLU/ CABLE BENCHMARK	○	STALP DIN LEMN/ WOOD POLE
BORNA FIBRA OPTICA/ OPTICAL FIBER BENCHMARK	◐	STALP DIN BETON/ CONCRETE POLE
MUFA CABLU/ CABLE BOX	●	STALP DIN METAL/ METAL POLE
CUTIE CABLU/ CABLE BOX		LAMPADAR PE ALEI/ LAMPADAR ON SIDE STRET
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
SCHIMBARE TIP SINA DE CALE FERATA/ RAIL TYPE CHANGE		ZID JOS/ DOWN WALL
SCHIMBARE TIP DE TRAVERSE/ SLEEPER TYPE CHANGE		RIGOLA/ CREVICE
DULAP CENTRALIZARE ELECTRODINAMICA/ SWITCH ELECTRODINAMIC CENTRALIZATION		RAU/ RIVER
TRANSFORMATOR ELECTRIC PE STALP/ POLE ELECTRICAL TRANSFORMER		
INDICATOR/ ROAD SIGN		



CONSILIUL JUDEȚEAN GIURGIU
ANEXA
LA
CERTIFICATUL DE URBANISM
Nr. 247 din 20.12.2017

UO MT JT GIURGIU
AVIZ FAVORABIL

e-distribuție 347
Unitatea Operativă Zona MT-JT Giurgiu
E-DISTRIBUȚIE MUNTENIA SA
ROMANIA

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

UNIUNEA EUROPEANĂ

PROIECT FINANŢAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

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: & acciona Ingeniería
J40/9877/2001 J40/20534/2004
SUBCONTRACTANT/ SUBCONTRACTOR: S.C. VIOTOP SRL J/40/4967/1999

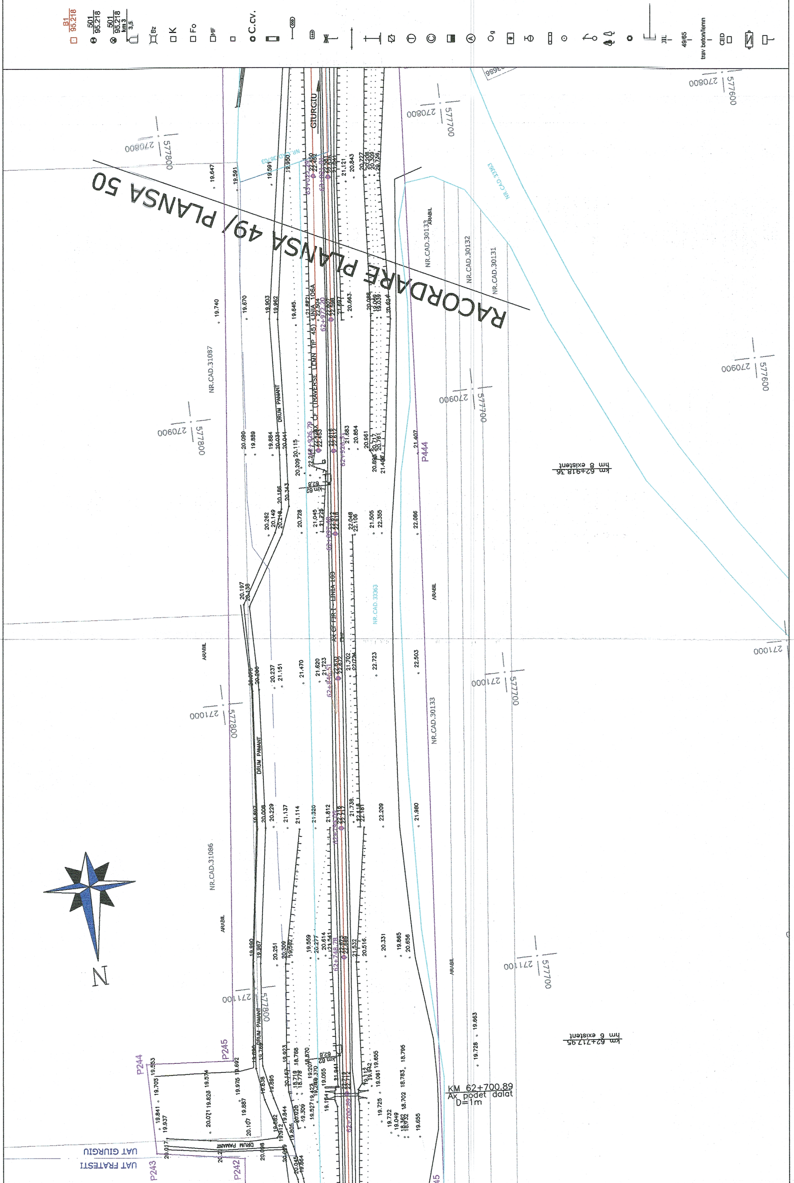
DENUMIRE PROIECT/ DENUMIRE LUCRARE: / PROJECT TITLE/ WORKS TITLE:
"MODERNIZAREA LINIEI CF BUCUREŞTI NORD-JILAVA-GIURGIU NORD-GIURGIU NORD FRONTIERĂ"
Lot 2 - MODERNIZAREA INFRASTRUCTURII DE CALE FERATA DINTRE STATIILE CF BUCURESTI NORD - GIURGIU NORD - GIURGIU FRONTIERA
"MODERNIZATION OF THE RAILWAY LINE BUCHAREST NORTH JILAVA - GIURGIU NORTH - GIURGIU NORTH BORDER"
LOT 2 - MODERNIZATION OF RAILWAY INFRASTRUCTURE BETWEEN RAILWAY STATIONS BUCHAREST NORD-GIURGIU NORTH-GIURGIU BORDER

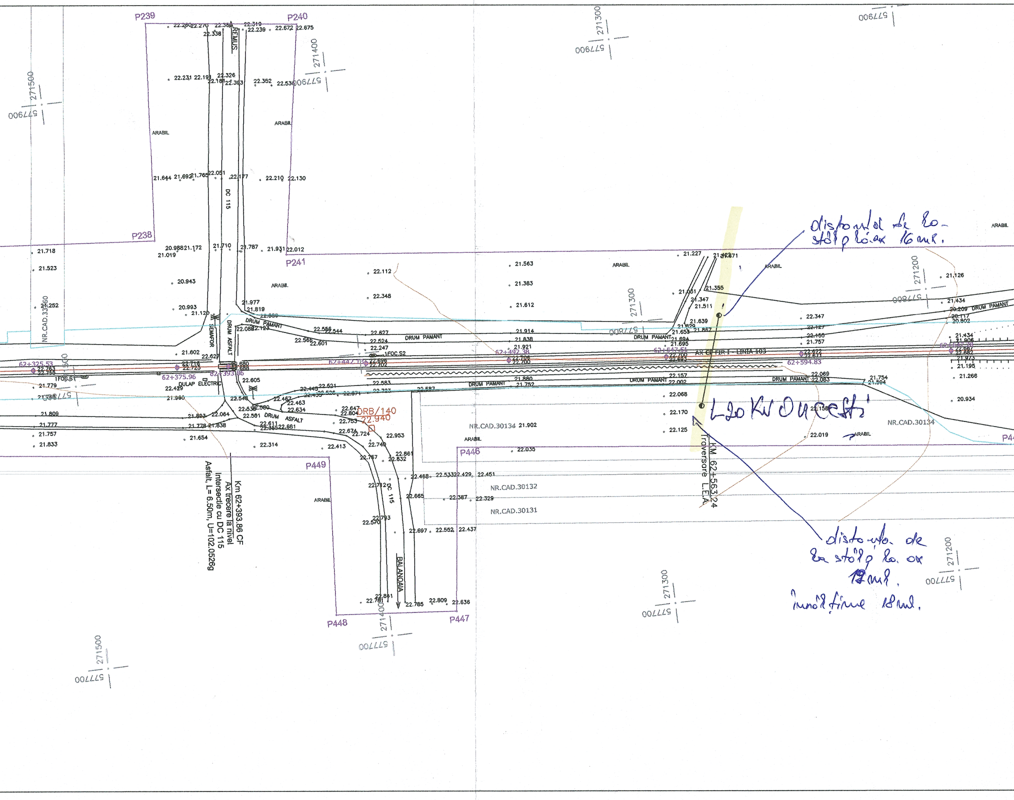
	NUME/NAME	SEMNATURA/ SIGNATURE
PROIECTANT/ DESIGNER	Ing. R. BURCEA	
EXPERT CHEIE/ KEY EXPERT	Ing. G.UNGUREANU	
MP/PM	Ing. G.UNGUREANU	

SPECIALITATE/ SPECIALITY: **STUDIU TOPOGRAFIC / TOPOGRAPHICAL STUDY**

DENUMIRE PLAN/ DRAWING TITLE: **PLAN DE SITUATIE/LAYOUT PLAN**
INTERVAL CF FRĂȚEȘTI-GIURGIU NORD/
FRATESTI-GIURGIU NORD SECTION

DATA/DATE:	SCARA/SCALE:	EXEMPLAR NR./ EXEMPLARY NO.	COD PLAN/CODIFICATION SYSTEM:
10.2017	1:1000	1	ST 207 Lot 2 31 ST 49 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 49/ PLANSA 50
GIURGIU
LINIA 106A
AX CF (TRAVERSE LEMN TIP 45)
AX CF FIR 1 LINIA 103
DRUM PAMANT
NR.CAD.31087
NR.CAD.31086
NR.CAD.30133
NR.CAD.30132
NR.CAD.30131
NR.CAD.33363
NR.CAD.36703
ARABIL
P444
P244
P245
P243
P242
km 62+918.36
hm 8 existent
km 62+717.95
hm 9 existent
KM 62+700.89
Ax podet dalat
D=1m
UAT GIURGIU
UAT FRATESTI
270800
270900
271000
271100
577600
577700
577800
N


AX CF FIR I - LINIA 103
DRUM PAMANT
DRUM ASFALT
DC 115
REMUS
BALANOAIA
SEMAFOR
DULAP ELECTRIC
1FOC.S2
1FOC.S1
DRB/140
22.940
ARABIL
NR.CAD.30134
NR.CAD.30132
NR.CAD.30131
NR.CAD.33360
P238
P239
P240
P241
P446
P447
P448
P449
62+325.53
62+375.96
62+393.86
62+442.10
62+492.38
62+547.51
62+594.83
62+647.38
577700
577800
577900
271200
271300
271400
271500

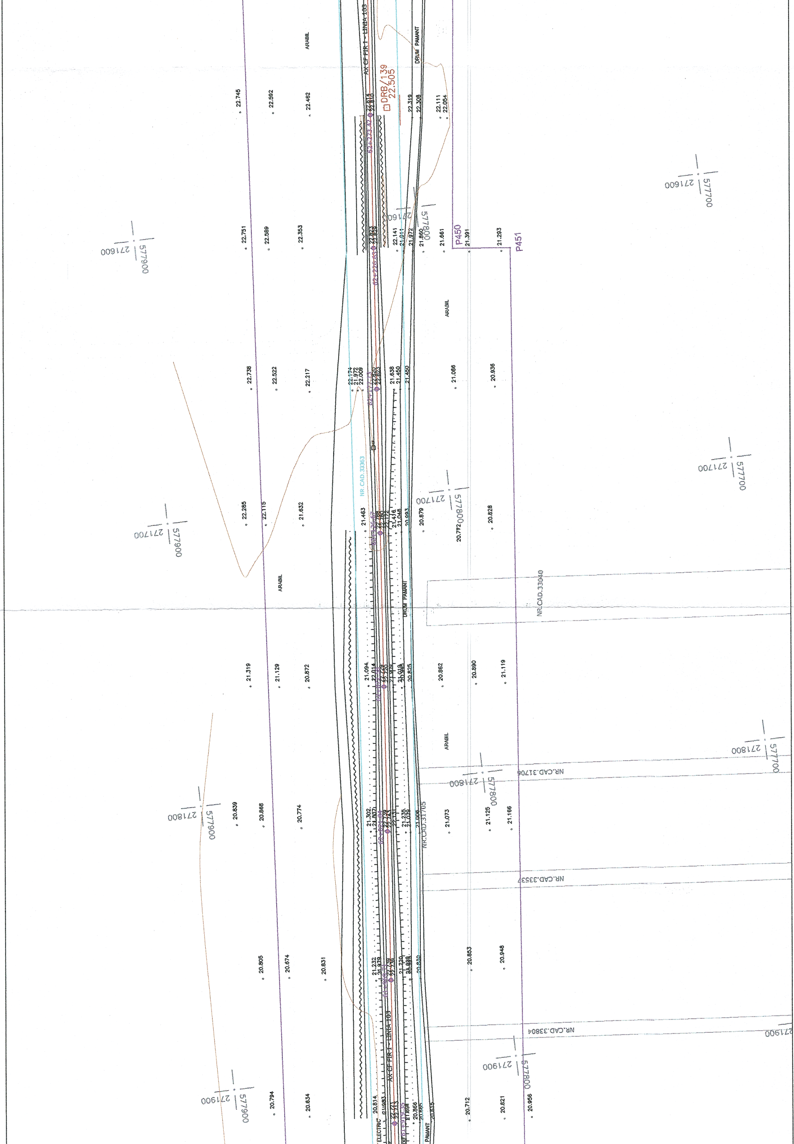
KM 62+563.24
Traversare L.E.A.

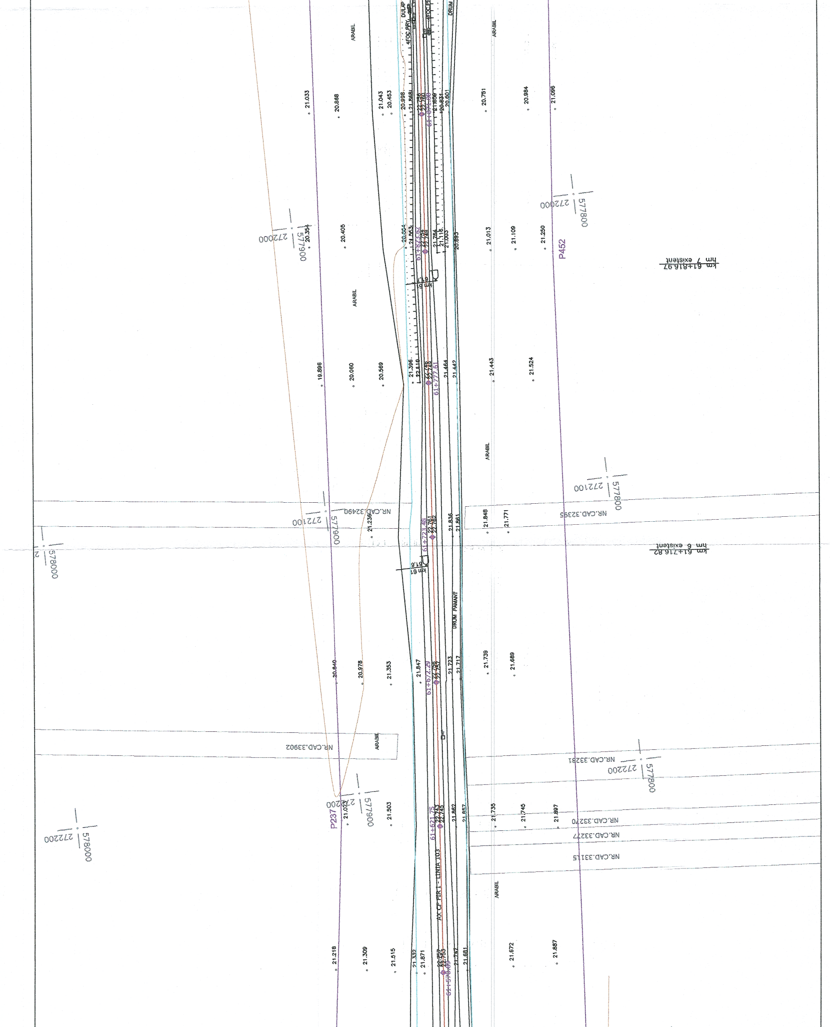
Km 62+393.86 CF
Ax trecere la nivel
Intersectie cu DC 115
Asfalt, L= 6.50m, U=102.0526g

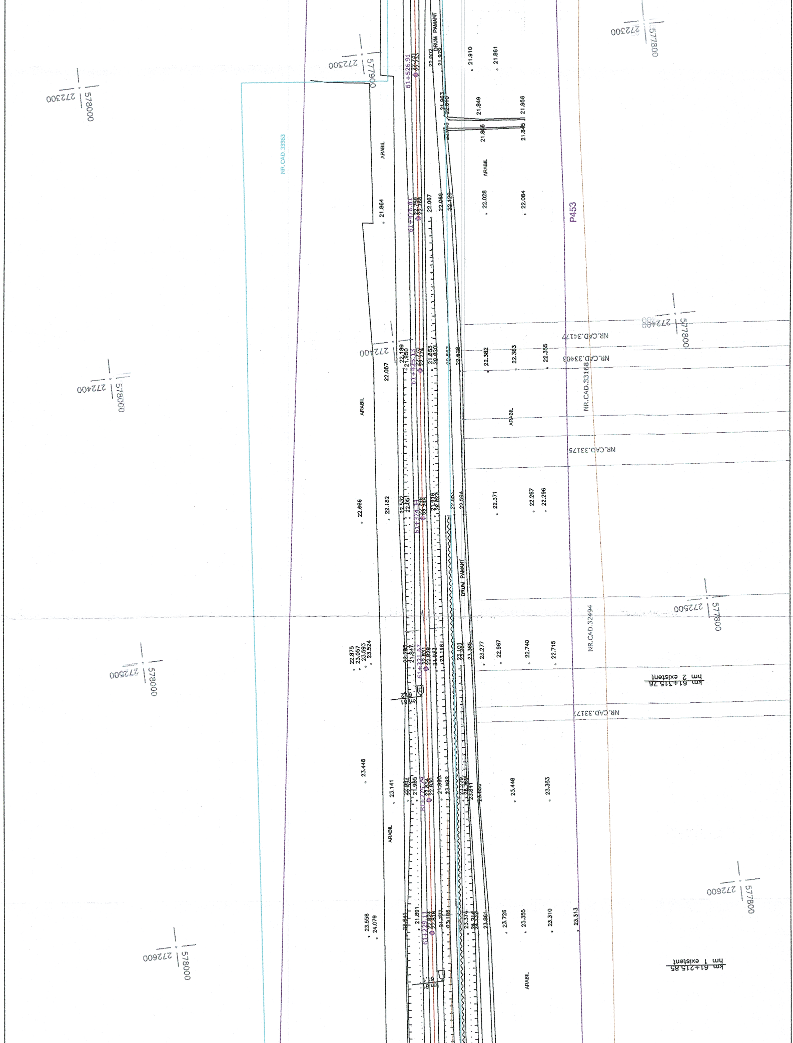
distanța de la stâlp la ax 16 ml.

L20 kV Ducești

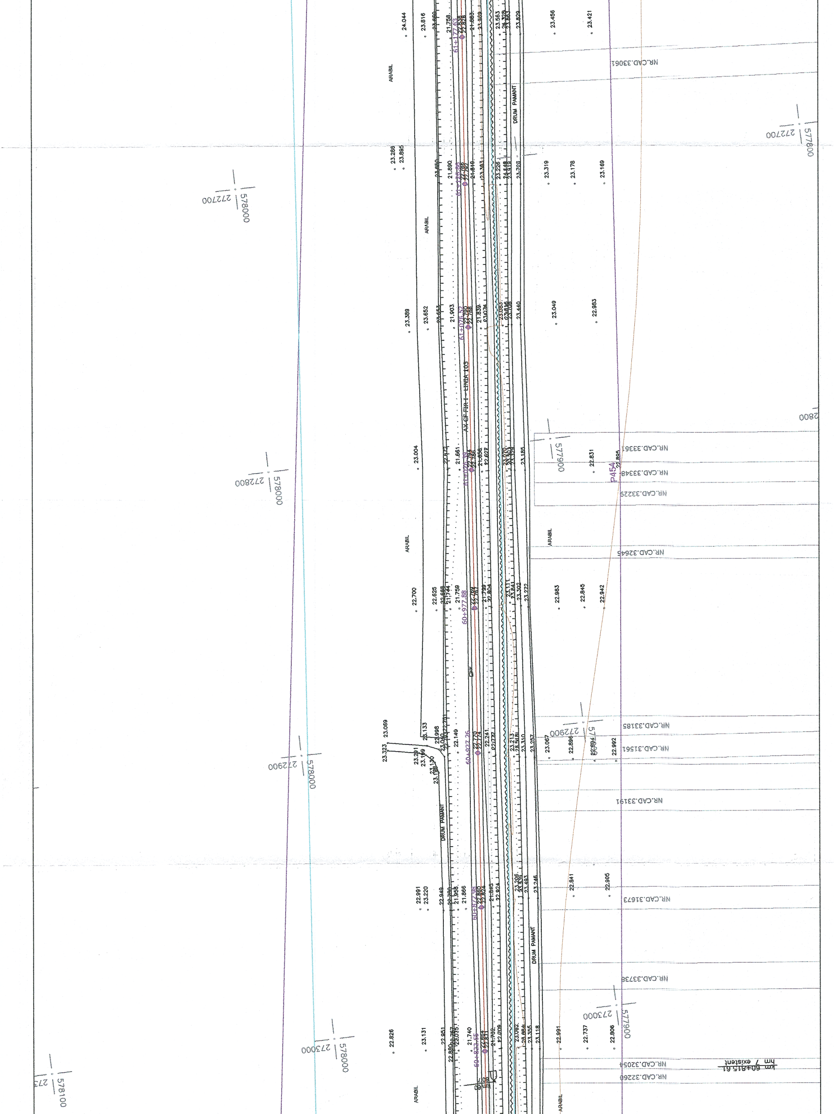
distanța de la stâlp la ax 12 ml.
înălțime 18 ml.

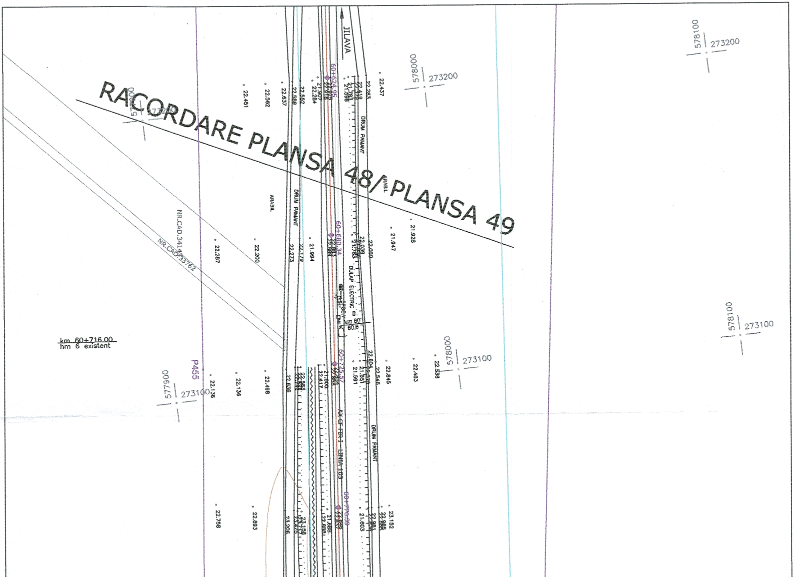

AX CF PIR 1 - LINIA 103
DRB/139
22.505
DRUM PAMANT
ARABIL
ARABIL
ARABIL
ARABIL
P450
P451
NR.CAD.33363
NR.CAD.33040
NR.CAD.31706
NR.CAD.31705
NR.CAD.33537
NR.CAD.33804
ELECTRIC
PAMANT
271600
577900
271600
577700
271600
577800
271700
577900
271700
577800
271700
577700
271800
577900
271800
577800
271800
577700
271900
577900
271900
578000
271900
22.745
22.592
22.462
22.319
22.308
22.111
22.054
22.751
22.589
22.353
22.141
21.860
21.661
21.391
21.293
22.738
22.522
22.217
22.174
21.972
22.009
21.638
21.450
21.450
21.086
20.936
22.285
22.115
21.632
21.463
21.416
21.048
20.993
20.879
20.772
20.828
21.319
21.129
20.872
21.094
22.014
20.825
20.862
20.890
21.119
20.839
20.868
20.774
21.302
21.837
21.235
21.079
21.008
21.073
21.125
21.166
20.805
20.674
20.831
21.232
21.979
21.720
20.830
20.853
20.948
20.794
20.834
20.814
20.866
20.712
20.821
20.956


DULAP
4FOC.PRV
DRUM
ARABIL
ARABIL
ARABIL
ARABIL
ARABIL
ARABIL
DRUM PAMANT
AX CF FIR 1 - LINIA 103
P452
P237
km 61+816.97
hm 7 existent
km 61+716.82
hm 6 existent
km 61
61.6
NR.CAD.32490
NR.CAD.32395
NR.CAD.33902
NR.CAD.33281
NR.CAD.33270
NR.CAD.33277
NR.CAD.33115
577800
272000
577900
272000
577800
272100
577900
272100
578000
577800
272200
577900
272200
578000
272200
61+777.61
61+672.29
61+621.75
21.033
20.868
21.043
20.453
20.998
20.601
20.751
20.984
21.096
20.354
20.405
20.864
20.563
21.764
21.116
21.003
20.693
21.013
21.109
21.250
19.896
20.060
20.569
21.396
22.810
21.464
21.442
21.443
21.524
21.236
21.836
21.861
21.848
21.771
20.840
20.978
21.353
21.847
21.723
21.717
21.739
21.689
21.071
21.503
21.862
21.857
21.735
21.745
21.897
21.218
21.309
21.515
21.332
21.871
21.747
21.681
21.672
21.887



272300
578000
577900
577800
272400
272500
272600
DRUM PAMANT
ARABIL
NR.CAD.33363
NR.CAD.34177
NR.CAD.33403
NR.CAD.33168
NR.CAD.33175
NR.CAD.32494
NR.CAD.33177
P453
61+526.91
km 61+315.76
hm 2 existent
km 61+215.85
hm 1 existent
21.910
21.861
21.849
21.956
21.864
22.028
22.084
22.067
22.057
22.382
22.383
22.355
22.666
22.182
22.371
22.267
22.296
22.875
23.057
23.593
23.524
23.277
22.967
22.740
22.715
23.448
23.141
23.353
23.558
24.079
23.726
23.355
23.310
23.313


ARABIL
DRUM PAMANT
AX CF FIR I - LINIA 103
P454
NR.CAD.33061
NR.CAD.33361
NR.CAD.33348
NR.CAD.33225
NR.CAD.32645
NR.CAD.33185
NR.CAD.31561
NR.CAD.33191
NR.CAD.31673
NR.CAD.33736
NR.CAD.32054
NR.CAD.32260
km 60+815.61
hm 7 existent
61+177.63
60+977.88
272700
272800
272900
273000
577800
577900
578000
578100
24.044
23.816
23.456
23.421
23.286
23.895
23.319
23.178
23.169
23.389
23.652
23.049
22.983
23.004
22.831
22.700
22.625
22.983
22.845
22.942
23.069
23.323
23.067
22.896
22.992
22.991
23.220
22.841
22.905
22.826
23.131
22.991
22.737
22.806
21.758
21.890
21.903
21.661
21.759
22.149
21.866
21.740


RACORDARE PLANSA 48/ PLANSA 49
JILAVA
DRUM PAMANT
DRUM PAMANT
DRUM PAMANT
ARABIL
ARABIL
DULAP ELECTRIC
AX CF FIR I LINIA 103
NR.CAD.3414
NR.CAD.33762
km 60+716.00
hm 6 existent
P455
km 60
60.6
60+624.95
60+680.34
60+725.57
60+776.39
578100
273200
578000
273200
578100
273100
578000
273100
577900
273100
22.437
22.283
22.418
21.598
22.284
21.907
22.552
22.589
22.637
22.562
22.451
21.928
21.947
22.080
21.783
21.994
22.273
22.200
22.287
22.538
22.483
22.845
22.546
22.604
21.951
21.591
21.605
22.617
22.636
22.498
22.136
22.136
23.152
22.981
21.603
21.688
23.206
22.893
22.758