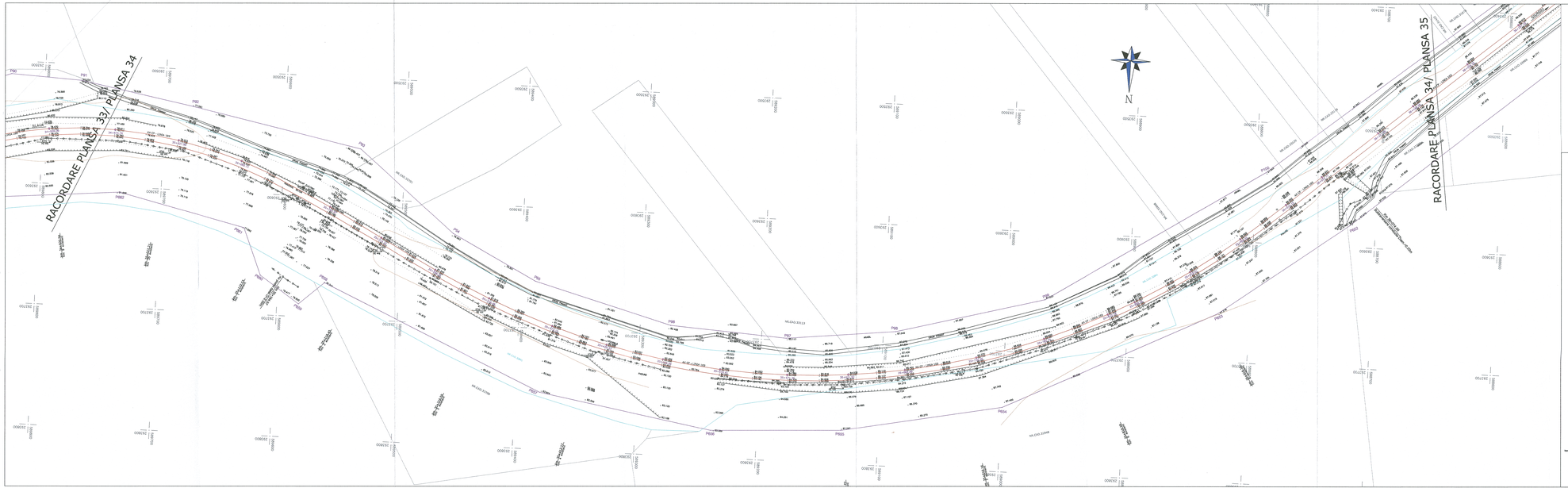



## LEGENDA/LEGEND

BORNA RETEA DE INDESTRAJE
BORNA RETEA GEODEZICA/GPS/ NAV NETWORK
REPERE DE NIVELMENT DE BAZA/ REFERENCE BASE LEVEL
REPERE DE NIVELMENT TEHNIC/ REFERENCE TECHNICAL LEVEL
BORNA REPERE PLANIMETRICE GEODEZICE/ GEODETIC-RECTOMETRIC BENCHMARK
BORNA ZONA CF/ BENCHMARK OF THE RAILWAY AREA
BORNA OPTICA/ CABLE BENCHMARK
BORNA FIBRA OPTICA/ OPTICAL FIBER BENCHMARK
CUTIE CABLU/ CABLE BOX
CUTIE CABLU/ CABLE BOX
COLOANA CONDUPERE/ CONDUPERE COLUMN
MARCA DE SIGURANTA/ SAFETY MARK
LUMINI SEMNALIZARE IN STALP/ LIGHT SIGNAL ON POLE
SEMNAL LUMINOS PITIC/ SMALL TRAFFIC LIGHTER
AVERTIZOR PENTRU TRECERE LA NIVEL/ WARNING DEVICE FOR LEVEL CROSSING
BARIERA/ RAILWAY GATE
CROSS/ CROSS
CUTIE DIN FONTA GAZE/ GAS FONT BOX
CAMIN DE VIZITARE TELEFON/ TELEPHONE MANHOLE
CAMIN DE VIZITARE CANAL/ SEWERAGE MANHOLE
GURA DE APROVIZIONARE CU GAZ/ GAS REFUELLING STATION
CAMIN DE VIZITARE APA/ WATER MANHOLE
HIDRTOR GAZE/ GAS HYDRANT
PANOU ELECTRIC/ ELECTRIC PANEL
HIDRANT/ HYDRANT
HIDRANT/ HYDRANT
GRESIE/ CONCRETE FENCE
FANTANA/ FOUNTAIN
GRESIE/ CONCRETE FENCE
FANTANA/ FOUNTAIN
PORI/ TREE
STALP CU PORTITA/ GATE POLE
OPRITOR CF/ CATCHING OF RAILWAY LINE
JGHIAB CU LEGATURA DE LEGATURA/ EARTHING CONNECTION
SCHIMBATOR DE TIP ZIG-ZAG PENTRU RAIL TYPE CHANGE
SUSPENSIE TIP TRAVERSA/ SUSPENSE TYPE CHANGE
DULAP CENTRALIZARE ELECTRODINAMICA/ ELECTRODYNAMIC CENTRALIZATION
TRANSFORMATOR ELECTRIC DE STALP/ ELECTRICAL TRANSFORMER
INDICATOR/ ROAD SIGN
PUNCT RADIAT/ RADIATED POINT
PICHET/ STAKE
SCHIMBATOARE DE CALE/ SWITCH
STALP DIN LEMN/ WOOD POLE
STALP DIN BETON/ CONCRETE POLE
STALP METALIC/ METAL POLE
LAMPADAR PE ALEU/ LAMPADAR ON SIDE STRET
STALP INALTA TENSIUNE/ HIGH VOLTAGE POLE
STALP ELECTRIC DIN BETON/ CONCRETE ELECTRIC POLE
STALP ELECTRIC METALIC/ METALIC ELECTRIC POLE
STALP DIFUZOR/ LOUD SPEAKER POLE
SUBTIMPE LINIE DE CONTACT/ CATENARY POLE
ANCORA SUSTINERE STALP/ POLE ANCHOR
LIMITA ZONA CFR INTRAVILAN/ LIMITES CFR AREA INCLUDED
LIMITA LUCI/ UHT LIMIT
SUPRAFATA NECESARA PROIECTULUI/ PROJECT NECESSARY SURFACE
CADERE VACANA/ MEGAMORHOOD
AX CAI/ AX CAI
CAI FERATE LINII ANE
TALUZ SUS/ SIDE SLOPE UP
TALUZ JOS/ SIDE SLOPE DOWN
SANT DE SCURGERE A APELOR SUS/ DRAIN DITCH UP
SANT DE SCURGERE A APELOR JOS/ DRAIN DITCH DOWN
GARD DIN PLASA/ CONCRETE FENCE
GARD DIN LEMN/ WOOD FENCE
GARD DIN METAL/ METAL FENCE
GARD DIN PLASA/ CHAIN-LINK FENCE
GARD DIN LEMN/ BARBED WIRE FENCE
GARD VIU-LIVETA INDUSE/ GREEN FENCE-FORBID LIMIT
ZID SUS/ WALL UP
ZID JOS/ WALL DOWN
CREUCE/ RAIL
RAIL/ RAIL

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

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: SUBCONTRACTANT/ SUBCONTRACTOR:

"MODERNIZAREA LINIEI CF BUCUREȘTI NORD-JILAVA-GIURGIU
NORD-GIURGIU NORD PROIECTARE"
Lot 2: MODERNIZAREA LINIEI CF PENTRU VITEZA DE PÂNĂ LA 200 KM/H
STATELE CF BUCUREȘTI NORD - GIURGIU NORD - PROIECTARE
"MODERNIZATION OF THE RAILWAY LINE BUCHAREST NORTH-JILAVA-GIURGIU NORTH DESIGN"
LOT 2 - MODERNIZATION OF RAILWAY INFRASTRUCTURE BETWEEN RAILWAY STATIONS BUCHAREST NORD-GIURGIU NORTH-GIURGIU BORDER

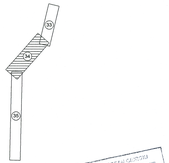
DIRECTOR PROIECT/ PROJECT DIRECTOR: Ing. N. BURCEA
EXPERT LINIE/ LINE EXPERT: Ing. G.DUMITRAȘCANU
DESIGN: Ing. G.DUMITRAȘCANU

DATA/DATE: 10.2017

DESIGNED BY: STRUCTURI/ STRUCTURES: LUCRARI/ WORKS:
SPECIALITATEA/ SPECIALITY:
TITLUL PROIECTULUI/ PROJECT TITLE:
DESENAT/ DRAWN BY:
VERIFICAT/ CHECKED BY:
DENUMIREA PLANȘEI/ DRAWING TITLE:
NR. PLANȘEI/ DRAWING NR.:

STUDIU TOPOGRAFIC
TOPOGRAPHICAL STUDY

PLAN DE ESTATE/LAYOUT PLAN
INTERVAL CF VLAD TEPEȘ-HIDAS/ BRAVIU
VLAD TEPEȘ-HIDAS/ BRAVIU SECTION

SCARA/ SCALE: 1:1000
SCARA/ SCALE: 1:1000

ST 207 Lot 2 21 ST 34 00