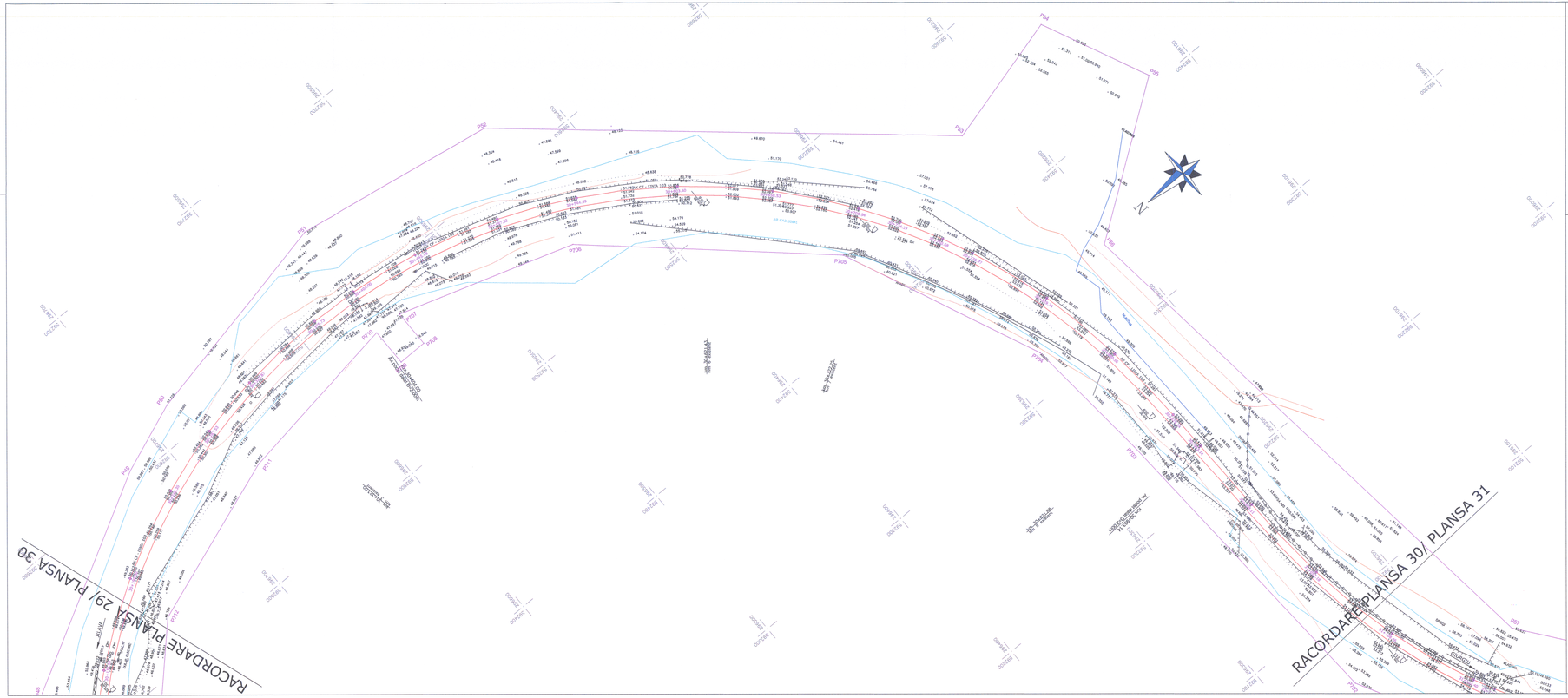
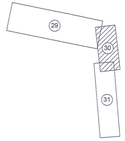


LEGENDA/LEGEND

- 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 CFI/ 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 NIVELU/ WARNING DEVICE FOR LEVEL CROSSING
- BARIERA/ RAILWAY GATE
- CRUCE/ CROSS
- CUTIE DIN PONTA GAZE/ GAS PONT BOX
- CAMIN DE VIZITARE TELEFON/ PHONE MANHOLE
- CAMIN DE VIZITARE CANAL/ SEWERAGE MANHOLE
- GURA DE APRIZIRE CANALIZARE/ MOUTH VENTING SEWAGE
- CAMIN DE VIZITARE APA/ WATER MANHOLE
- MARTOR GAZE/ GAS TRUNK
- PANOU ELECTRIC/ ELECTRIC PANEL
- HIDRANT/ HYDRANT
- GISGER/ GISGER
- FANTANA/ FOUNTAIN
- CISMEA/ DRINKING FOUNTAIN
- POM/ TREE
- STALP POARTA/ GATE POLE
- DIRIGTOR DE CATENER DE RAILWAY LINE
- JOANTA EZOLATA DE LEGATURA/ INSULATING JOINT
- SCHIMBARE TIP SINA DE CALE FERATA/ RAIL TYPE CHANGE
- SCHIMBARE TIP DE TRAVERSE/ SLEEPER TYPE CHANGE
- BULAP CENTRALIZARE ELECTRODINAMICA/ SWITCH ELECTRODINAMIC CENTRALIZATION
- TRANSFORMATOR ELECTRIC PE STALP/ POLE ELECTRICAL TRANSFORMER
- INDICATOR/ ROAD SIGN
- PUNCT RADIATI/ RADIATED POINT
- PICHET/ STAKE
- SCHIMBATORE DE CALE/ SWITCH
- STALP DIN LEMN/ WOOD POLE
- STALP DIN BETON/ CONCRETE POLE
- STALP DIN METAL/ METAL POLE
- LAMPADAR PE ALES/ LAMPADAR ON SIDE STRIT
- STALP INALTA TENSIUNE/ POVER-LINE TOWER
- STALP ELECTRIC DIN BETON/ CONCRETE ELECTRIC POLE
- STALP ELECTRIC DIN METAL/ METALLIC ELECTRIC POLE
- STALP DEFUZOR/ 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
- CADASTRE 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 LINE
- ZID SUS/ UP WALL
- ZID JOS/ DOWN WALL
- RIGOLA/ CHEVICE
- RAU/ RIVER



CERTIFICAT DE AUTORIZARE Seria RO-B-J Nr. 0694 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 REFERINTA PENTRU COTE "0" MAREA NEAGRA 1975

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

DOCUMENT VERIFICAT DE SECRETARIATUL TEHNIC AL CENTRULUI DE PROIECTARE PENTRU INFRASTRUCTURA CF
Nr. 32/ 27.12.2018

PROIECT FINANTAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

GUVERNUL ROMANIEI
GOVERNMENT OF ROMANIA

BENEFICIAR/ BENEFICIARY: COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A.
ROMANIAN RAILWAY NATIONAL COMPANY

PROIECTANT/ DESIGNER: ASOCIERIA/ JOINT VENTURE: B & acciona infraestructuras
JRO 3073/2000 — JRO 2553/4/2004
SUBCONTRACTANT/ SUBCONTRACTOR: S.C. VIOTOP SRL — JO RO-16567/1997

	NUME/NAME	SEMNATURA/ SIGNATURE	SPECIALITATE/ SPECIALTY
PROIECTANT DESIGNER	ing. R. BURCEA		
EXPERT CHEIE / KEY EXPERT	ing. G.UNGUREANU		
AVIZAT	ing. G.UNGUREANU		

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

PROIECT TITLE/ WORKS TITLE: STUDIU TOPOGRAFIC
TOPOGRAPHICAL STUDY

DENUMIRE PLAN/ DRAWING TITLE: PLAN DE SITUATIE/LAYOUT PLAN
INTERVAL CF COMANA-VLAD TEPES/
COMANA-VLAD TEPES SECTION

DATA/DATE:	SCARA/SCALE:	EXEMPLAR NR./ EXEMPLAR NO.	COD PLAN/CODIFICATION SYSTEM
01.2018	1:1000	4	ST 207 Lot 2 19 ST 30 00