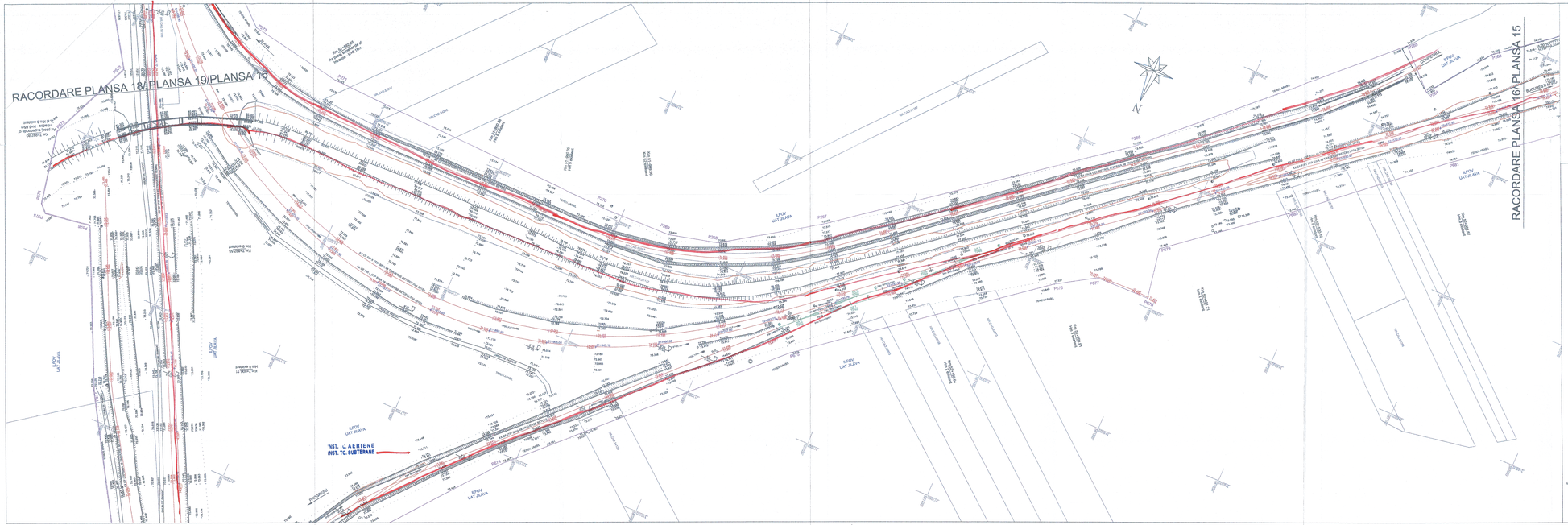

LEGENDA/LEGEND

BORNA RETEA DE INDESIRE/
BENCHMARK OF THE LEVELLING NETWORK

REPER DE NIVELMENT DE BAZA/
REFERENCE BENCHMARK

REPER DE NIVELMENT TEHNIC/
REFERENCE TECHNICAL LEVEL

BORNA KILOMETRICA-RECTIMETRICA/
KILOMETRIC-RECTIMETRIC BENCHMARK

INCINTA ZONA CF/
BENCHMARK OF THE RAILWAY AREA

BORNA CABLU/
CABLE BENCHMARK

BORNA FIBRA OPTICA/
OPTICAL FIBRE BENCHMARK

MUFA CABLU/
CABLE BOX

CUTIE CABLU/
CABLE BOX

CONVERTIZOR/OBERING/
CONVERSATION COLUMN

MARCA DE SIGURANTA/
SAFETY MARK

SEMNAL LUMINOS PE STALP/
LIGHT SIGNAL ON POLE

SEMNAL LUMINOS PTCO/
SMALL TRAFFIC LIGHTER

AVERTIZOR PENTRU TRECERE LA NIVEL/
WARNING DEVICE FOR LEVEL CROSSING

CAPRA/
BUFFER

RAILWAY GATE

CRUCE/
CROSS

CUTIE DIN PONTA GAZE/
GAS END BOX

CASNA DE VIZITARE TELEFON/
PHONE MANHOLE

CAMIN DE VIZITARE CAHAU/
REVERSE MANHOLE

CAMIN DE VIZITARE CANALIZARE/
SEWER MANHOLE

CAMIN DE VIZITARE APA/
WATER MANHOLE

SAPATOR GAZE/
GAS SHOE

PANOU ELECTRIC/
ELECTRIC PANEL

HIDRANT/
HYDRANT

GRATAR/
GRATE

FANTANA/
FOUNTAIN

CISMEAU/
DRINKING FOUNTAIN

PTEM

TDBZ

STALP POARTA/
GATE POLE

LINIE CF/
CATENARY OF RAILWAY LINE

IZOLATA IZOLATA DE LEGATURA/
INSULATING JOINT

SCHIMBARE TIP BARA DE CALE FERATA/
RAIL TYPE CHANGE

SCHIMBARE DE TIP TRAVERSE/
SLEEPER TYPE CHANGE

DULAP CENTRALIZARE ELECTRODINAMICA/
SWITCH ELECTRODINAMIC CENTRALIZATION

TRANSFORMATOR ELECTRIC PE STALP/
ELECTRICAL TRANSFORMER

INDICATOR KM/
ROAD SIGN

PUNCT RADIAT/
RADIATION POINT

PICHET/
STAKE

SCHIMBATOARE DE CALE/
SWITCH

STALP DIN LEMN/
WOOD POLE

STALP DIN BETON/
CONCRETE POLE

STALP DIN METAL/
METAL POLE

LAMPIOANE DE SIDE STRET/
LAMPHOUR ON SIDE STREET

STALP PALTA TENSIUNE/
POWER LINE TOWER

STALP ELECTRIC DIN BETON/
CONCRETE ELECTRIC POLE

STALP ELECTRIC DIN METAL/
METAL ELECTRIC POLE

STALP DIFUZOR/
LOUD-SPEAKER POLE

SUSPENSIE LINIE DE CONTACT/
SUSPENSION

ANCORA SUBTERE STALP/
POLE ANCHOR

LIMITA ZONA CFR INTABULATA/
LIMITED CFR AREA INCLUDED

LIMITA UAT/
UAT LIMIT

SUPRAFATA NECESARA PROIECTULUI/
NECESSARY PROJECT SURFACE

CASETRE VECINE/
NEIGHBORHOOD

PADURE/
FOREST 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 PLASA/
CONCRETE FENCE

GARD DIN LEMN/
WOOD FENCE

GARD DIN METAL/
METAL FENCE

GARD DIN PLASA/
CHAIN LINK FENCE

GARD DIN BARIERA/
BARRIED WIRE FENCE

LINIE VERDE IN PADURI/
GREEN RANGE FOREST LINE

ZID BUZ/
UP WALL

ZID JOS/
DOWN WALL

PODULET/
CREVICE

RAU/
RIVER

NOTA: SISTEM DE PROIECTIE STEREOGRAFIC 1970
SISTEM DE REFERINTA PENTRU COTE MAREA NEAGRĂ 1975

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

CERTIFICAT DE AUTORIZARE SEMNĂTURĂ ELECTRONICĂ Seria RO-RCA nr. 1004

CERTIFICAT DE AUTORIZARE SEMNĂTURĂ ELECTRONICĂ Seria RO-RCA nr. 1690 Maria Gina UNGUREANU SPECIALIST TOPOGRAFIE

CONFORM CU ORIGINALUL
Semnătura electronică extinsă a fost aplicată de către Maria Gina UNGUREANU
Data: 2018.09.04 14:19:29 +03'00'

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/ ASSOCIATION: B & acciona infraestructuras
CENTURE: BUCUREȘTI NORD-GIURGIU NORD PROIECTARE
SUBCONTRACTANT/ S.C. VICTOP SRL
SUBCONTRACTOR: ROMÂNIA/ ROMANIA

DENUMIRE LUCRARE/ DESIGNATION OF WORKS: "MODERNIZAREA LINIEI CF BUCUREȘTI NORD-2LIA-GIURGIU NORD-GIURGIU NORD PROIECTARE"
Lot 2 - MODERNIZAREA INFRASTRUCTURII CALE FERATA ÎNTRE STAȚIILE CF BUCUREȘTI NORD - GIURGIU NORD - ALCEDO / FRONTIERA
"MODERNIZATION OF THE RAILWAY LINE BUCHAREST NORTH - GIURGIU NORTH - ALCEDO / BORDER"
LOT 2 - MODERNIZATION OF RAILWAY INFRASTRUCTURE BETWEEN RAILWAY STATIONS BUCHAREST NORD-GIURGIU NORTH-GIURGIU BORDER

PROIECTANT DESIGNER: ing. M. BURCEA
SEMNĂTURA/ SIGNATURE:
SPECIALITATE/ SPECIALITY: STUDII TOPOGRAFICE
TOPOGRAPHICAL STUDY

ȘEF PROIECT/ PROJECT MANAGER: ing. CLIMOVEREANU
DENUMIRE PLAN/ DRAWING TITLE: PLAN DE SITUAȚIE/LAYOUT PLAN
INTERVAL CF VARTEIU-ZLAVA/
VARTEIU-ZLAVA SECTION

DESENAT/ DRAWN: ing. CLIMOVEREANU
COD PLAN/DOCUMENT NO.: ST 207 Lot 2 09 ST 16 00

DATA/DATE: 01.2018
SCARA/SCALE: 1:1000
FOI/SHEET NO.: 1

2Pl.