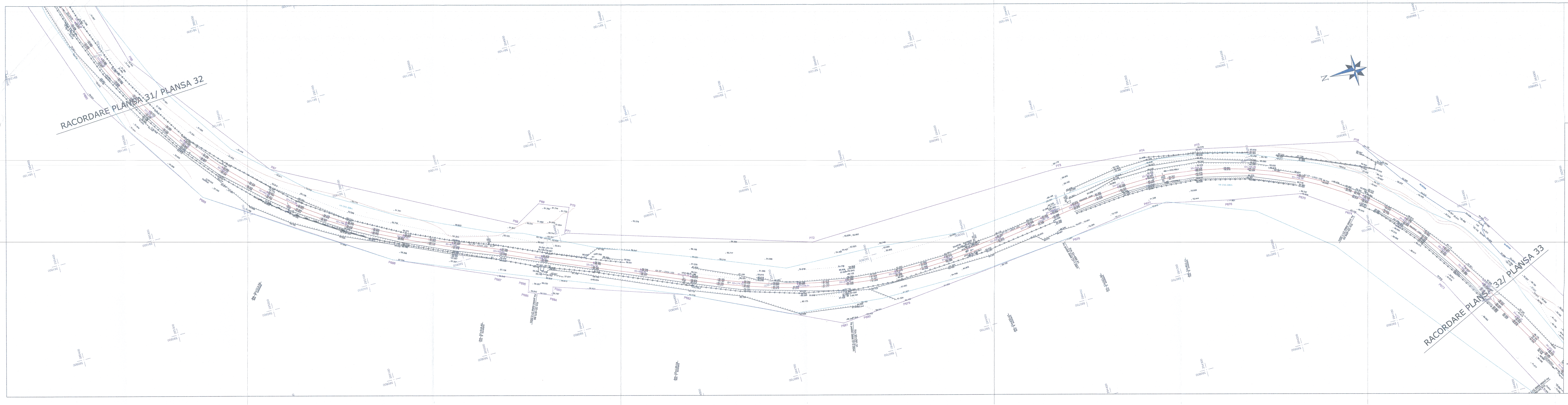
RACORDARE PLANSA 31/ PLANSA 32
RACORDARE PLANSA 32/ PLANSA 33
N

LEGENDA/LEGEND

B1 / 95.218	BORNA RETEA DE INDESIRE/ BENCHMARK OF THE SECONDARY NETWORK	78.658	PUNCT RADIAT/ RADIATED POINT
501 / 95.218	REPER DE NIVELMENT DE BAZA/ REFERENCE BASE LEVEL	67+251.00	PICHET/ STAKE
501 / 95.218	REPER DE NIVELMENT TEHNIC/ REFERENCE TECHNICAL LEVEL	NR 7/8 TIP49 1:9 NR 8 TIP49 1:9 NR 8 TIP49 1:9	SCHIMBATORE DE CALE/ SWITCH
km 3 / 3,5	BORNA KILOMETRICA-HECTOMETRICA/ KILOMETRIC-HECTOMETRIC BENCHMARK		
Bz	BORNA ZONA CF/ BENCHMARK OF THE RAILWAY AREA		
K	BORNA CABLU/ CABLE BENCHMARK	○	STALP DIN LEMN/ WOOD POLE
Fo	BORNA FIBRA OPTICA/ OPTICAL FIBER BENCHMARK	◐	STALP DIN BETON/ CONCRETE POLE
MF	MUFA CABLU/ CABLE BOX	●	STALP DIN METAL/ METAL POLE
□	CUTIE CABLU/ CABLE BOX		LAMPADAR PE ALEI/ LAMPADAR ON SIDE STRET
C.cv.	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
Og	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
JIL	JOANTA IZOLATA DE LEGATURA/ INSULATING JOINT		ZID SUS/ UP WALL
49/65	SCHIMBARE TIP SINA DE CALE FERATA/ RAIL TYPE CHANGE		ZID JOS/ DOWN WALL
trav beton/lemn	SCHIMBARE TIP DE TRAVERSE/ SLEEPER TYPE CHANGE		RIGOLA/ CREVICE
CED	DULAP CENTRALIZARE ELECTRODINAMICA/ SWITCH ELECTRODINAMIC CENTRALIZATION		RAU/ RIVER
	TRANSFORMATOR ELECTRIC PE STALP/ POLE ELECTRICAL TRANSFORMER		
	INDICATOR/ ROAD SIGN		

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

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

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

UNIUNEA EUROPEANĂ	PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT	GUVERNUL ROMÂNIEI GOVERNMENT OF ROMANIA	Instrumente Structurale 2014-2020
BENEFICIAR/ BENEFICIARY:	CFR	COMPANIA NAȚIONALĂ DE CĂI FERATE "C.F.R." S.A. ROMANIAN RAILWAY NATIONAL COMPANY	
PROIECTANT/ DESIGNER: ASOCIEREA/ JOINT VENTURE:	B J40/9877/2001 & acciona 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		DENUMIRE PLAN/ DRAWING TITLE	PLAN DE SITUATIE/ LAYOUT PLAN INTERVAL CF COMANA-VLAD TEPES/ COMANA-VLAD TEPES SECTION
EXPERT CHEIE/ KEY EXPERT	Ing. G.UNGUREANU			
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 19 ST 32 00