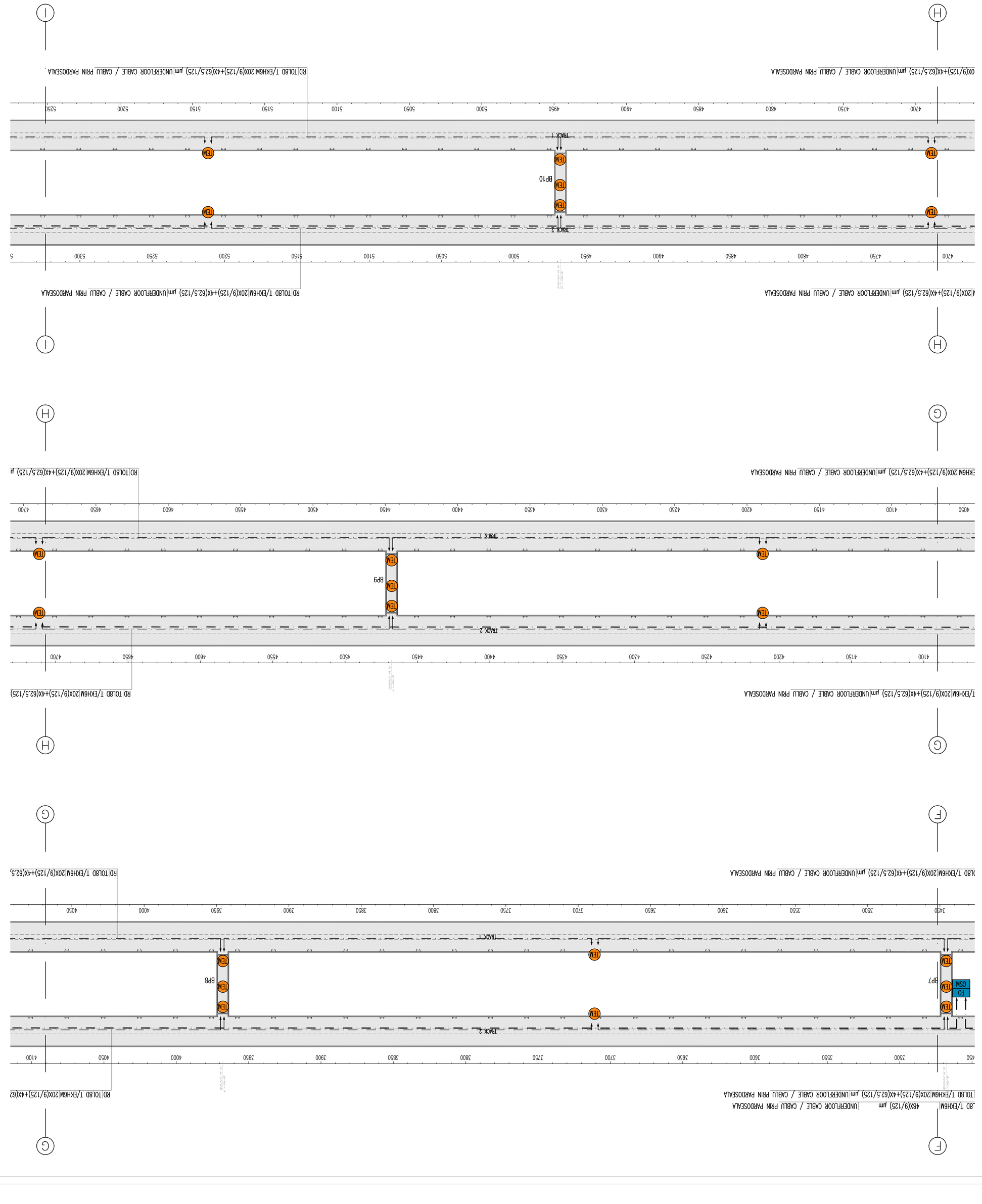


NETWORK LEGEND–LEGENDA OBIECTIVE

— · —	FIBER OPTIC CABLE GSM–UMTS RADIO SYSTEMS/CABLU DE FIBRA OPTICA
— —	SISTEME RADIO GSM–UMTS
— · —	FIBER OPTIC CABLE EMERGENCY NETWORK DATA/CABLU DE FIBRA OPTICA RETEA DATE DE URGENTA

SYMBOLS LEGEND/LEGENDA SIMBOLURI

GSM	MANAGEMENT EQUIPMENT RADIO SIGNALS GSM/ECHIPAMENT DE MANAGEMENT AL SEMNALELOR RADIO GSM
TEM	TELEPHONE COLUMN TEM_DS/COLOANA DE TELEFON TEM_DS
	MUFFLE FOR CONNECTION FIBER OPTIC CABLE/MUFLA PENTRU CONEXIUNE CABLU DE FIBRA OPTICA
FO	JUNCTION AND EXTENSIONS BOX FIBER OPTIC NETWORK DATA/BOX PENTRU JUNCTIUNE SI RAMURA FIBRA OPTICA
FO	JUNCTION AND EXTENSIONS BOX FIBER OPTIC SYSTEMS GSM/BOX PENTRU JUNCTIUNE SI RAMURA FIBRA OPTICA SISTEMELE GSM

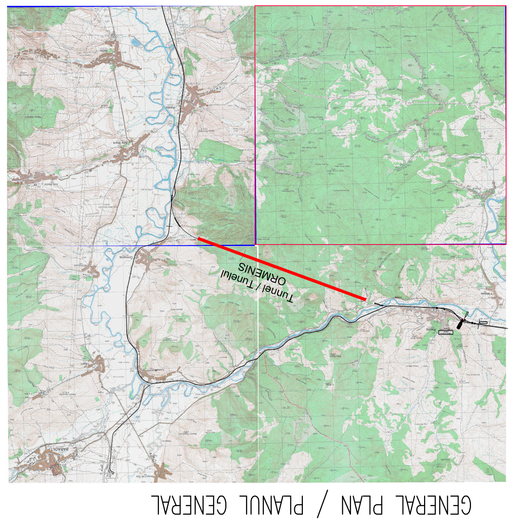
ELECTRIC CABLES INDICATORS/ INDICATORI DE CABLURI ELECTRICE

A – SYSTEM
MV MEDIUM VOLTAGE TENSIUNE
RT(V) LOW VOLTAGE/JOASA TENSIUNE (1) = 1000 V, (2) = 690 V, (3) 400/230 V,
FE PROTECTIVE CONDUCTOR/CONDUCTOR/LUI DE PROTECTIE
IE OUTDOOR LIGHTING/ILUMINAT EXTERIOR.
CA ANTINTRUSION–ACCESS CONTROL/ANTIEFRACTIE–ACCESUL CONTROLUL.
RD DATA NETWORK/RETEA PENTRU DATE.
IN FIRE DETECTION/DE DETECTARE A INCENDIILOR. TV TVCC.
RA RADIO GSM.

B – CABLE TYPE/CABLU TIP
C – TRAINING CABLE/FORMAREA CABLE
D – OTHERS INFORMATIONS/INFORMATII SUPLIMENTARE

A B C D

GENERAL PLAN / PLANUL GENERAL



D					
C					
B					
A					
Index / Index	Data / Date	Modificarea / Modification	Proiectant / Designer	Aprobat Consultant / Approved Consultant	Aprobat CFR / Approved CFR

GUVERNUL ROMANIEI / ROMANIAN GOVERNMENT
PROIECT FINANTAT DE UNIUNEA EUROPEANA / EUROPEAN UNION FINANCED PROJECT

C.N.C.F. "C.F.R." - S.A.

CFR

CLIENT / CLIENT

CONSULTANT / CONSULTANT				Semnătura / Signature
Aprobat / Approved	Şef proiect / Project manager	R. Liuzza		
Aprobat / Approved	Coordonator Secţiune 1 / Section 1 Coordinator	C. Gambelli		
Verificat / Checked	Expert Tehnic / Technical Expert	C. Gambelli		
Elaborat / Elaborated	Proiectant / Designer	P. Amodio		

SUBCONSULTANT / SUBCONSULTANT

Aprobat / Approved	Responsabil Subconsultant / Subconsultant Responsible		
Elaborat / Elaborated	Proiectant / Designer		

Reabilitarea liniei de cale ferată Bistriţa - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h. Secţiunea 1 Bistriţa - Sighişoara	Proiect/Project 2004/RO/16/P/PA/003
Rehabilitation of the railway line Bistriţa - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h. Section 1 Bistriţa - Sighişoara	Faza / Phase: P.Th. / T.D.

Denumire desen / Drawing Title : TUNNEL/TUNELUL CREMENIS
NATURAL TUNNEL/TUNELUL NATURAL
Reabilitarea liniei de cale ferată Bistriţa - Simeria, parte componentă a coridorului IV Pan European, pentru circulaţia trenurilor cu viteza maximă de 160 km/h.
Radiocommunication systems/Sisteme radio
Cablu de cablu de bistarar, raio GSM propagare, retea de date de urgenţă, telefon de urgenţă gi difuzare de sunet
Fitrul de cablu de bistarar, raio GSM propagare, retea de date de urgenţă, telefon de urgenţă gi difuzare de sunet

CodBare / CodBaron System	Scara / Scale -	LOT	Nr. / No. 34

E A S 1 | 0 1 | C | 1 0 | L X | T S | 1 0 | 1 | 4 | 0 1 2 | 0