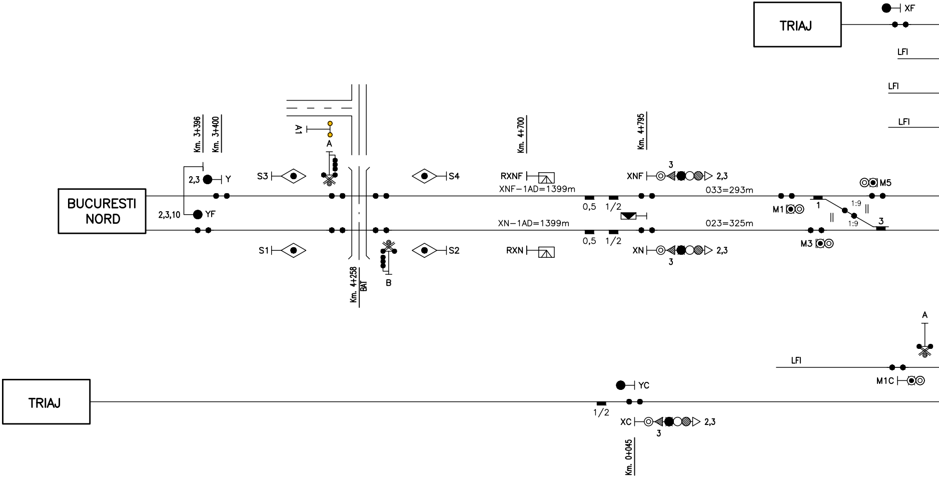
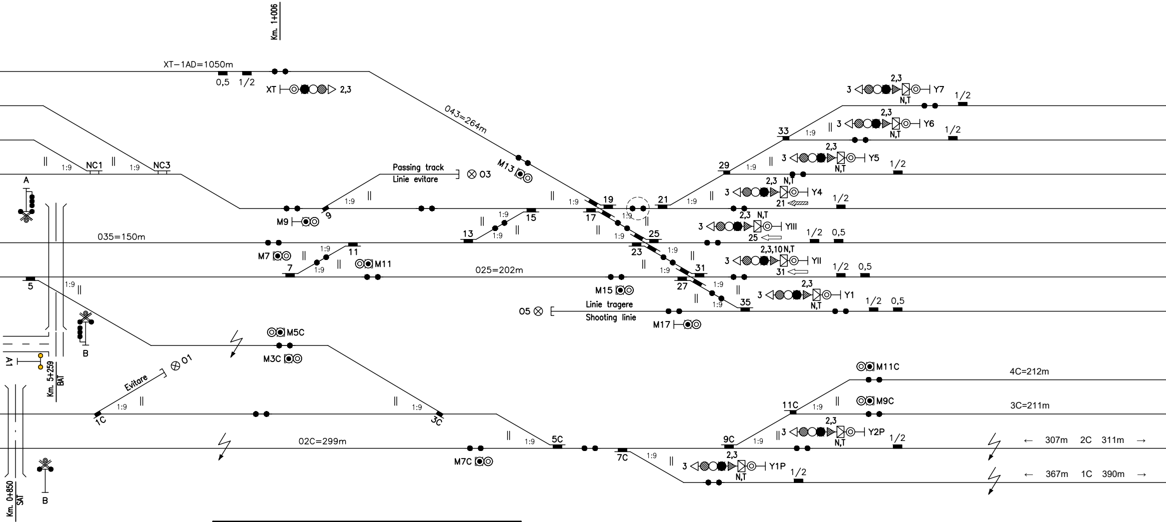
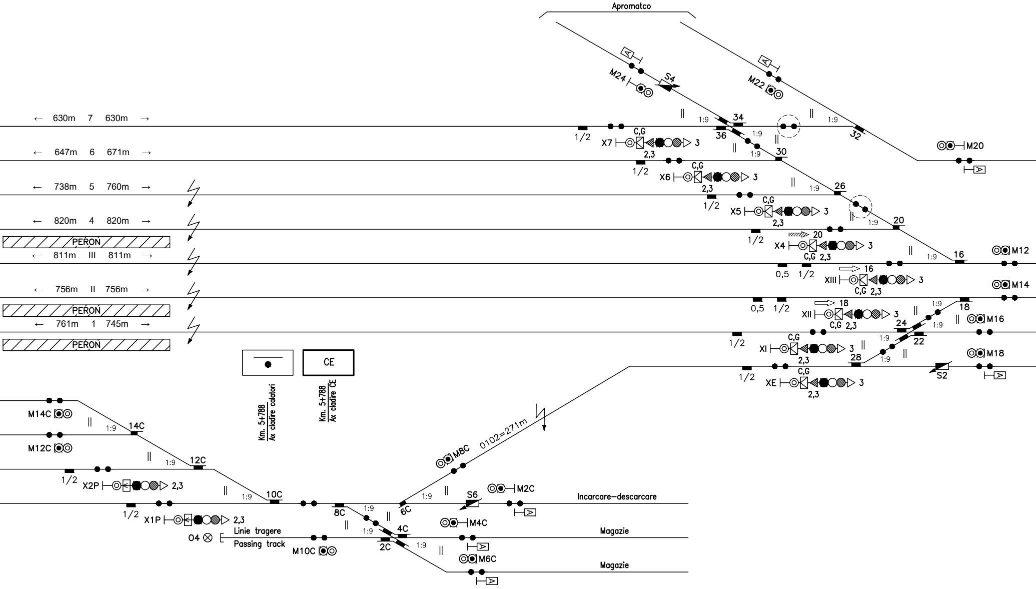
ESTE INTERZISA MODIFICAREA, INSTRAINAREA, COPIEREA SI MULTIPLICAREA ACESTOR SCHEME ELECTRICE SUB FORMA TIPARITA SAU ELECTRONICA, FARA APROBAREA SCRISA A ISPCF, CARE ARE DREPTUL DE PROPRIETATE INTELECTUALA ASUPRA ACESTORA.
ESTE PERMISA UTILIZAREA ACESTOR SCHEME NUMAI PENTRU SPECIALISTII DIN ISPCF SI NUMAI IN INTERESUL ISPCF.
ISPCF ISI REZERVA DREPTUL DE A MODIFICA ACESTE SCHEME ELECTRICE ATUNCI CAND CONSIDERA CA ESTE NECESAR, FARA PREAVIZ.

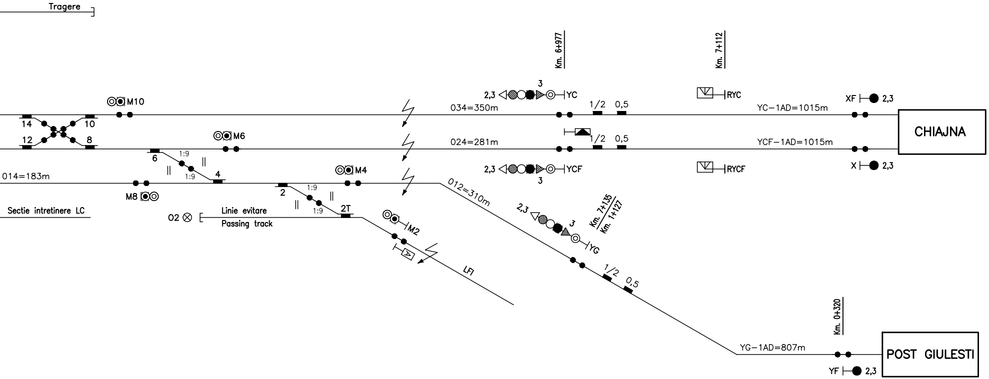

TRIAJ
XF
LFI
LFI
LFI
Km. 3+396
Km. 3+400
A1
A
Km. 4+700
Km. 4+795
BUCURESTI NORD
2,3
Y
2,3,10
YF
S3
S4
RXNF
XNF
3
2,3
M5
XNF−1AD=1399m
033=293m
0,5
1/2
M1
1
1:9
1:9
3
XN−1AD=1399m
023=325m
M3
S1
S2
RXN
XN
2,3
3
Km. 4+258
BAT
B
A
LFI
M1C
TRIAJ
YC
1/2
XC
2,3
3
Km. 0+045


Km. 1+006
XT−1AD=1050m
0,5
1/2
XT
2,3
043=264m
M13
NC1
NC3
1:9
A
Passing track
Linie evitare
O3
M9
9
13
15
17
19
21
1:9
035=150m
M7
7
11
M11
025=202m
5
M15
Linie tragere
Shooting linie
O5
M17
23
25
27
31
35
29
33
2,3
N,T
Y7
Y6
Y5
Y4
YIII
YII
Y1
3
2,3,10
1/2
0,5
B
M5C
M3C
A1
Km. 5+259
BAT
Evitare
O1
1C
3C
02C=299m
M7C
5C
7C
9C
11C
M11C
M9C
4C=212m
3C=211m
Y2P
Y1P
← 307m 2C 311m →
← 367m 1C 390m →
Km. 0+850
SAT

Point in route	Flank protection points	Points additionally handled	No clearance insulated joints
Macaz circulat	Macazuri de acoperire	Macaz manevrat suplimentar	Joante fără gabarit
−5	+11	+7	
−17			21−33Si

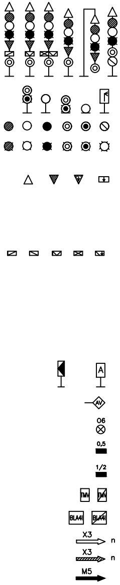


Apromatco
M24
S4
M22
34
36
32
30
26
20
16
18
24
22
28
1:9
← 630m 7 630m →
← 647m 6 671m →
← 738m 5 760m →
← 820m 4 820m →
← 811m III 811m →
← 756m II 756m →
← 761m 1 745m →
PERON
PERON
PERON
1/2
0,5
C,G
2,3
3
X7
X6
X5
X4
XIII
XII
XI
XE
M20
M12
M14
M16
M18
S2
CE
Km. 5+788
Ax cladire calatori
Km. 5+788
Ax cladire CE
M14C
M12C
14C
12C
10C
8C
6C
4C
2C
X2P
X1P
O4
Linie tragere
Passing track
M10C
M8C
0102=271m
S6
M2C
M4C
M6C
Incarcare–descarcare
Magazie
Magazie


Tragere
Km. 6+977
Km. 7+112
2,3
3
YC
RYC
M10
14
10
12
8
034=350m
1/2
0,5
YC−1AD=1015m
XF
2,3
CHIAJNA
M6
024=281m
1/2
0,5
YCF−1AD=1015m
6
1:9
1:9
4
2,3
YCF
3
RYCF
X
2,3
014=183m
M8
M4
2
1:9
1:9
2T
012=310m
Sectie intretinere LC
O2
Linie evitare
Passing track
M2
2,3
3
YG
Km. 7+135
Km. 1+127
LFI
1/2
0,5
Km. 0+320
YG−1AD=807m
POST GIULESTI
YF
2,3

Point in route	Flank protection points	Points additionally handled	No clearance insulated joints
Macaz circulat	Macazuri de acoperire	Macaz manevrat suplimentar	Joante fără gabarit
+20			26−30Si
+32			34−36Si
−30,−36			32Si

LEGENDA
LEGEND



AV
A
AV
06
0,5
1/2
TMV
BLA4I
X3
n
X3
n
M5

Semnale principale(circulatie)
Main (traffic) signals

Semnale secundare (manevra,repetitoare)
Secondary signals (shunting, repeater)

Foc galben, verde, rosu, alb, albastru, iesire pe stânga
Yellow, green, red, white, blue ,exit on left

Foc galben,verde,rosu,alb,albastru,verde clipitor normal aprins
Yellow, green, red, white, blue, flashing green normaly lit

Indicator de viteza;prevestitor de viteza; prevestitor de viteza combinat cu "lipsa distanta de franare"; "lipsa distanta de franare"
Speed; prespeed; prespeed combined with "lack of braking distance"; "lack of braking distance" indicator

Indicator de directie;
Indicator pentru semnalizarea iesirii trenurilor pe linia din stanga a caii duble;
Indicator de directie si semnalizare a iesirii trenurilor pe linia din stanga a caii duble;
Indicator de linie;
Indicator pentru semnalizarea iesirii trenurilor pe linia din stanga a caii duble si lipsa distanta de frânare
Direction indicator;
Indicator for the left track exit on the double line;
Direction and indicator for the exit on the left track of the double line;
Track indicator;
Exit indicator for the left track on the double line and "lack of braking distance" indicator

Indicator pentru amplasarea semnalului pe stanga liniei; Indicator "asteapta"
Indicator for left side entry signal;
"Wait" indicator

Reper pentru semnal BLA cu functie de avarie la TN
Indicator for ABL signal with emergency function for level crossing

Opritor 06
Dead end signal no. 06

Inductor 500 Hz
Indusi beacon 500 Hz

Inductor 1000/2000 Hz
Indusi beacon 1000/2000 Hz

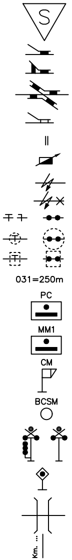
Reper pentru inceputul/sfarsitul zonei cu semnalizare "TMV"
Indicator for the beginning / end to the "TMV" signalling area

Reper pentru inceputul/sfarsitul zonei cu semnalizare "BLA4I"
Indicator for the beginning / end to the "BLA4I" signalling area

Semnal cu drum de alunecare fizic 100m fata de marca macazului n
Marker for physical overlap 100m in front of the mark of the turnout n

Semnal cu drum de alunecare fizic 50m fata de marca macazului n
Marker for physical overlap 50m in front of the mark of the turnout n

Distanta de siguranta pentru parcurs de manevra
Marker for safety distance for shunting route



S
031=250m
PC
MM1
CM
BCSM
Km.

Granita instalatiei de centralizare electronica
Electronic interlocking border

Macaz simplu centralizat
Central operated single turnout

Macaz simplu cu inima mobila
Single turnout with movable crossing

Macaz dublu centralizat
Centralized double point

Macaz necentralizat
Local operated single point

Marca de siguranta
Foul point

Sabot de deraiere centralizat
Central operated derailer

Linie electrificata
Electrified track

Limita electrificării liniei
Limit of electrified track

Joante izolante/Numarator de osii
Insulating joints/Axle counter

Joanta izolanta/ Numarator de osii fara gabarit
Gaugeless insulating joint/Axle counter

Joanta izolanta/Numarator de osii cumulată
Cumulated insulating joint/Axle counter

Numele si lungimea unei sectiuni fara macazuri
The nume and length of a section without points

Post centralizare
Interlocking post

Masa de manevră
Shunting post

Coloana de manevră
Shunting panel

Buton consimtământ semnale de manevră
Aknowledgement button for a shunting area

Semnal avertizare rutiera cu/fara semibariera
Road traffic signal with/without half barrier at the level crossing

Semnal de avarie la trecere la nivel
Level crossing damage signal

Trecere la nivel la Km. ..
Level crossing at Km. ..

ENTITATE CONTRACTANTA
CONTRACTING ENTITY

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

CONTRACTANT
CONTRACTOR

Asocierea S.C. ISPCF S.A. - S.C. BAICONS IMPEX SRL

	Nume *Name*	Data *Date*	Semnatura *Signature*
Şef Proiect *Project Manager*	ing. Viorel Gorgonețu	11.2024	
Verificat *Checked*	ing. Gheorghe Grigore	11.2024	
Proiectat *Designed*	ing. Alexandru Voicu	11.2024	

"Modernizarea liniilor și instalațiilor din Complexul Feroviar București"
Studiu de fezabilitate

"Modernization lines and installations in the Bucharest Railway Complex
Feasibility Study

Proiect / *Project*
38 / 2022

Faza / *Phase*
S.F.
F.S.

Denumire / Title
STAŢIA / STATION BUCUREŞTII NOI
Schiţa staţiei cu semnalizarea / Signalling sketch

Scara / *Scale*
Fără / No scale
-

Codificare / Codification System

COBU SF CED DTH 42 01 001 R00

Istoricul reviziilor / Revision History

Rev.	Data/Date	Descriere Modificare / Modification description
00	11.2024	Prima ediție
01		
02		
03		

297x1995=0,593m^2