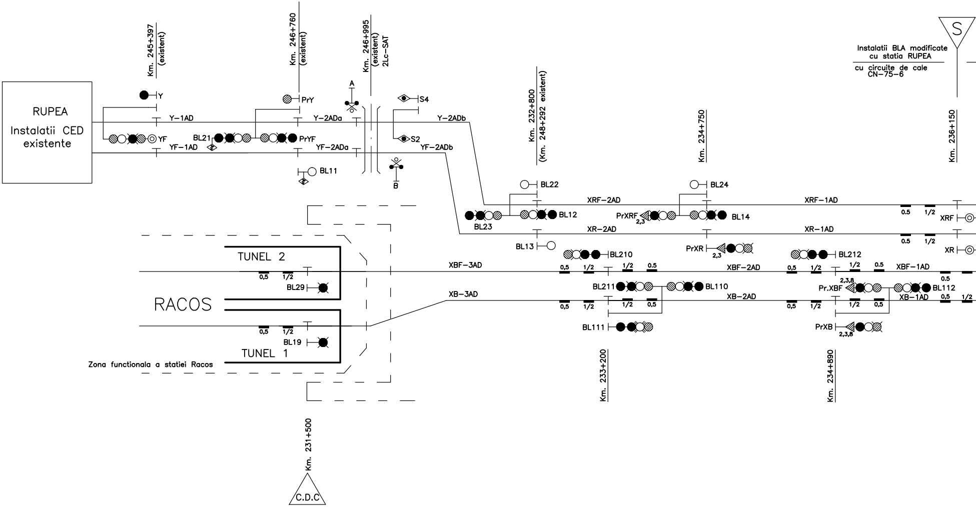
NOTA

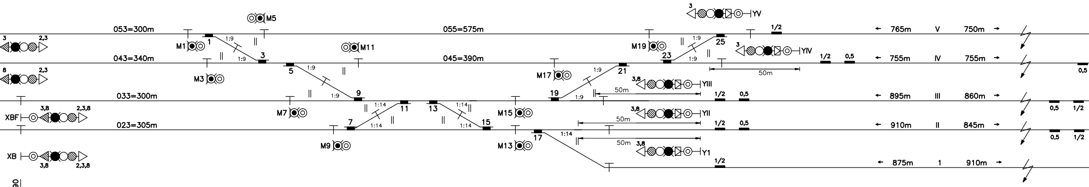
Pe distanta Rupea–Cata
consolele si semnalele pe consola sunt noi


RUPEA
Instalatii CED
existente
Km. 245+397
(existent)
Km. 246+760
(existent)
Km. 246+995
(existent)
2Lc–SAT
Y
PrY
A
S4
Y–1AD
Y–2ADa
Y–2ADb
YF
BL21
PrYF
S2
YF–1AD
YF–2ADa
YF–2ADb
BL11
B
Km. 232+800
(Km. 248+292 existent)
Km. 234+750
Km. 236+150
S
Instalatii BLA modificate
cu statia RUPEA
cu circuite de cale
CN–75–6
BL22
BL24
XRF–2AD
XRF–1AD
BL23
BL12
PrXRF
2,3
BL14
0.5
1/2
XRF
XR–2AD
XR–1AD
BL13
PrXR
2,3
XR
BL210
BL212
TUNEL 2
XBF–3AD
XBF–2AD
XBF–1AD
0,5
1/2
BL29
BL211
BL110
2,3,8
Pr.XBF
BL112
RACOS
XB–3AD
XB–2AD
XB–1AD
BL111
PrXB
2,3,8
BL19
TUNEL 1
Zona functionala a statiei Racos
Km. 233+200
Km. 234+890
Km. 231+500
C.D.C

Instalatii CE

cu circuite de cale
electronice

i<2‰
declivitate in statie
(pentru parcurse de manevra)



053=300m
055=575m
043=340m
045=390m
033=300m
023=305m
M1
M3
M5
M7
M9
M11
M13
M15
M17
M19
1
3
5
7
9
11
13
15
17
19
21
23
25
1:9
1:14
XBF
XB
YV
YIV
YIII
YII
Y1
3
2,3
8
3,8
2,3,8
50m
1/2
0,5
765m
V
750m
755m
IV
755m
895m
III
860m
910m
II
845m
875m
1
910m

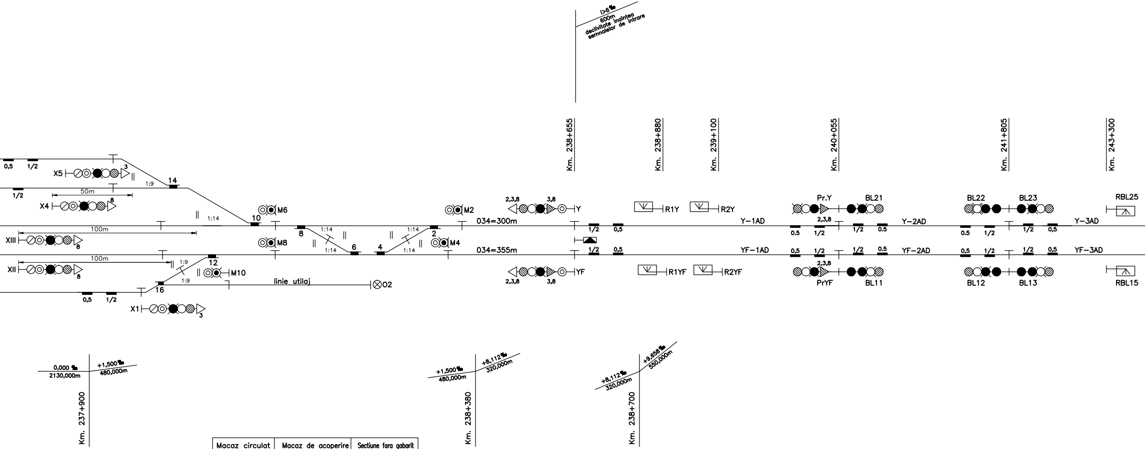
Km. 236+290

Macaz circulat Running points	Macaz de acoperire Protective points	Sectiune fara gabarit Non gauge section
+1	+3	
+3	+1	
+5	+9	
+9	+5	
+7	+11	
+11	+7	
−7	+15	
−11	+5; +9	
−15	+7	
+13	+15	
+15	+13	
−13	+21	
+19	+21	
+21	+19	
+23	+25	
+25	+23	

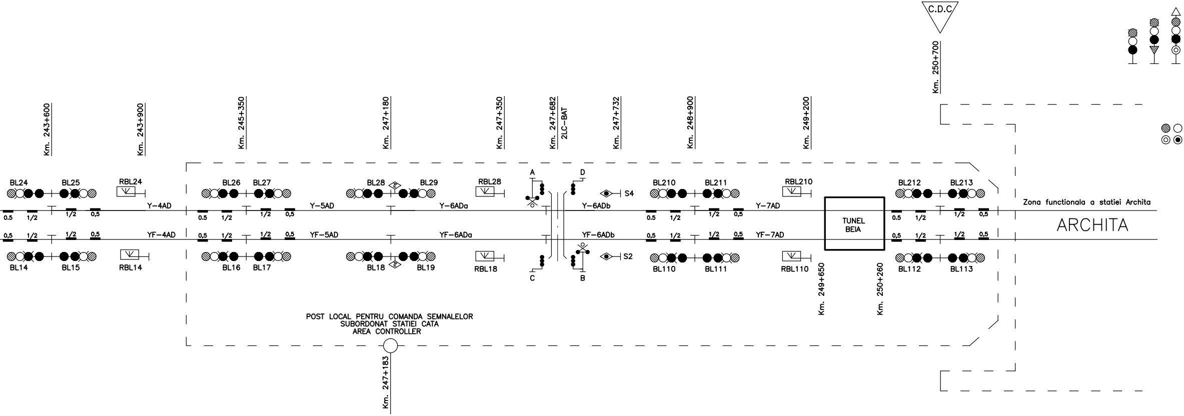
Ax Cladire calatori existenta
Km. 237+539,28

INDICATOR DE DIRECTIE
OUTER DIRECTION DISTANT SIGNAL

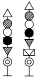
R – RUPEA
B – BRASOV (statia RACOS)


i>6‰
600m
declivitate înaintea
semnalelor de intrare
Km. 238+655
Km. 238+880
Km. 239+100
Km. 240+055
Km. 241+805
Km. 243+300
0,5
1/2
X5
3
14
1:9
1/2
50m
X4
8
M6
10
1:14
100m
XIII
8
8
1:14
6
4
1:14
2
M2
M8
M4
034=300m
034=355m
100m
XII
8
1:9
12
M10
1:9
16
linie utilaj
O2
0,5
1/2
X1
3
2,3,8
3,8
Y
R1Y
R2Y
Y-1AD
Pr.Y
BL21
2,3,8
Y-2AD
BL22
BL23
Y-3AD
RBL25
YF
R1YF
R2YF
YF-1AD
PrYF
BL11
YF-2AD
BL12
BL13
YF-3AD
RBL15
0,000 ‰
2130,000m
+1,500 ‰
480,000m
Km. 237+900
+1,500 ‰
480,000m
+8,112 ‰
320,000m
Km. 238+380
+8,112 ‰
320,000m
+9,658 ‰
550,000m
Km. 238+700

Macaz circulat	Macaz de acoperire	Sectiune fara gabarit
Running points	Protective points	Non gauge section
+2	+4	
+4	+2	
−2	+8	
+6	+8	
+8	+6	
−8	+2,+16	
+12	+16	
+16	+12	


C.D.C
Km. 250+700
Km. 243+600
Km. 243+900
Km. 245+350
Km. 247+180
Km. 247+350
Km. 247+682
2LC-BAT
Km. 247+732
Km. 248+900
Km. 249+200
BL24
BL25
RBL24
BL26
BL27
BL28
BL29
RBL28
A
D
S4
BL210
BL211
RBL210
BL212
BL213
Y-4AD
Y-5AD
Y-6ADa
Y-6ADb
Y-7AD
Zona functionala a statiei Archita
0.5
1/2
1/2
0,5
TUNEL
BEIA
ARCHITA
YF-4AD
YF-5AD
YF-6ADa
YF-6ADb
YF-7AD
0,5
1/2
1/2
0,5
BL14
BL15
RBL14
BL16
BL17
BL18
BL19
RBL18
C
B
S2
BL110
BL111
RBL110
BL112
BL113
Km. 249+650
Km. 250+260
POST LOCAL PENTRU COMANDA SEMNALELOR
SUBORDONAT STATIEI CATA
AREA CONTROLLER
Km. 247+183

LEGENDA–SYMBOLS



SEMNAL DE CIRCULATIE PE CATARG
MAIN SIGNAL ON MAST

● FOC GALBEN, VERDE, ROSU, ALB, ALBASTRU, INDICATOR CIRCULATIE PE STANGA
⦸ YELLOW, GREEN, RED, WITHE, BLUE, TRAFFIC ON LEFT INDICATOR LAMP

△ ▽ INDICATOARE DE VITEZA
SPEED AND PRESPEED INDICATORS

TRECERE LA NIVEL
LEVEL CROSSING (LC)

SEMNAL DE MANEVRA PE CATARG
SHUNTING SIGNAL ON GROUND / MAST

SEMIBARIERA AUTOMATA CU SEMNAL RUTIER LA TN
LEVEL CROSSING HALFBARRIERS WITH ROAD SIGNAL

SEMNAL RUTIER LA TN
LEVEL CROSSING ROAD SIGNAL

⊗ OPRITOR
DEAD END

1/2 0,5 INDUCTOR INDUSI 500Hz SAU 1000/2000Hz
500Hz OR 1000/2000Hz INDUSI INDUCTOR

|| MARCA DE SIGURANTA
FOUL POINT

LINIE ELECTRIFICATA
ELECTRIFIED RAILWAY

SEMNAL AVARIE LA TN
WARNING SIGNAL BY LC

MACAZ SIMPLU CENTRALIZAT
CENTRALIZED SINGLE POINT

JOANTE IZOLANTE
INSULATED JOINTS

INDICATOR DE AMPLASARE SEMNAL PE STANGA
INDICATOR FOR LEFT SIGNAL

S GRANITA INSTALATIEI DE CENTRALIZARE ELECTRONICA
ELECTRONIC INTERLOCKING BORDER

C.D.C SEPARARE CIRCUITE DE CALE
TRACK CIRCUITS SEPARATION

D					
C					
B					
A					
Indice Index	Data Date	Modificare Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR

GUVERNUL ROMANIEI
ROMANIAN GOVERNMENT

PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT

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

ITALFERR
GRUPPO FERROVIE DELLO STATO
Joint Venture leader

Scott Wilson

OBERMEYER
PLANEN + BERATEN GmbH

TECNIC
Consulting Engineers

CONSULTANT / CONSULTANT

			Data Date	Semnătură Signature
Aprobat Approved	Şef proiect Project manager	R. Liuzza	02.2012	
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli	02.2012	
Verificat Checked	Expert Cheie Key Expert	P. Amodio	02.2012	

SUBCONTRACTANT / SUBCONTRACTOR

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A. Stanciu - Dinulescu	02.2012	
Întocmit Elaborated	Proiectant Designer	Costeanu Dan	02.2012	

Reabilitarea liniei de cale ferata Braşov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h,
Tronsonul : Braşov - Sighişoara
Rehabilitation of the railway line Braşov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h,
Section : Braşov - Sighişoara

Proiect/Project
2004/RO/16/P/PA/003

Faza / Phase:
P.Th. / T.D.

Denumire desen / Drawing Title :

Statia / Station CATA
Schita statiei cu semnalizarea
Signaling sketch

Codificare / Codification System	Scara / Scale Fără / No scale	LOT / LOT	Nr. / No 01 / 01

E A 5 1 | 0 1 | C | 1 3 | U X | S E | 0 1 | 3 | 2 | 0 0 1 | 1