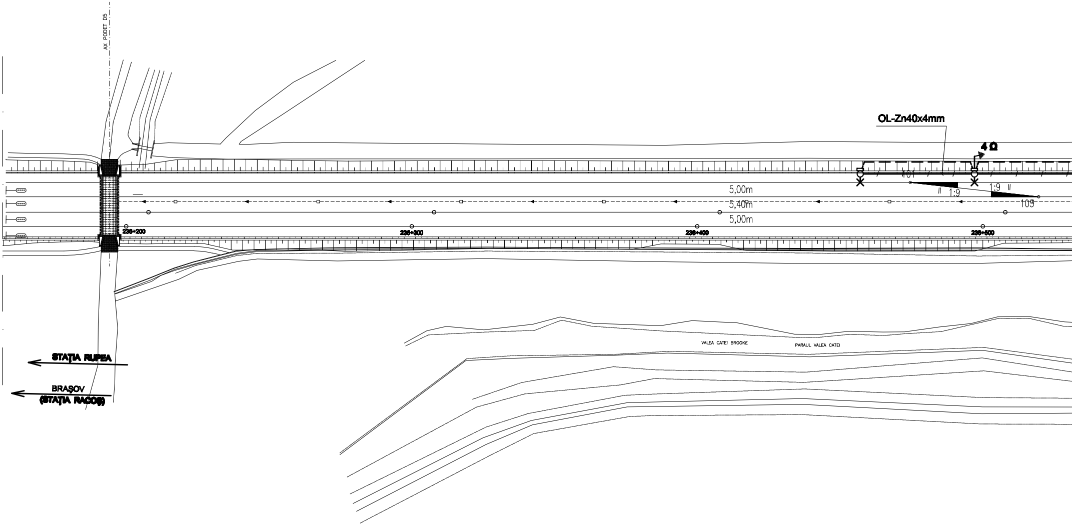
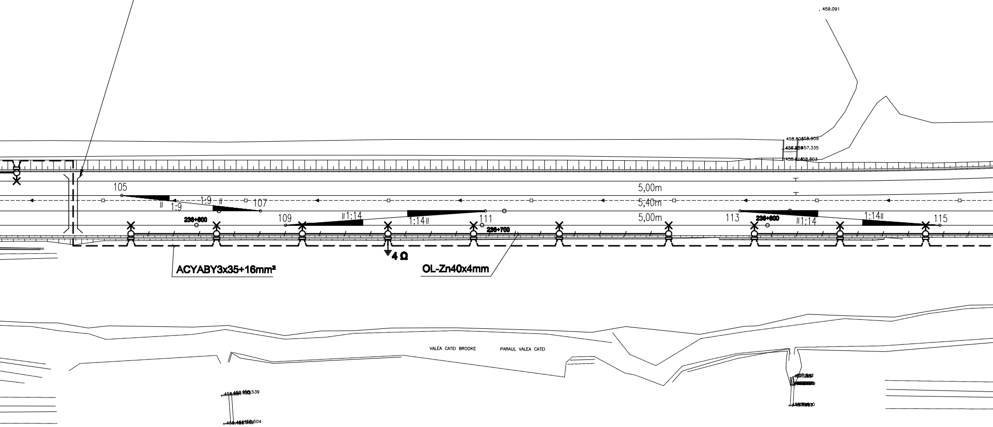
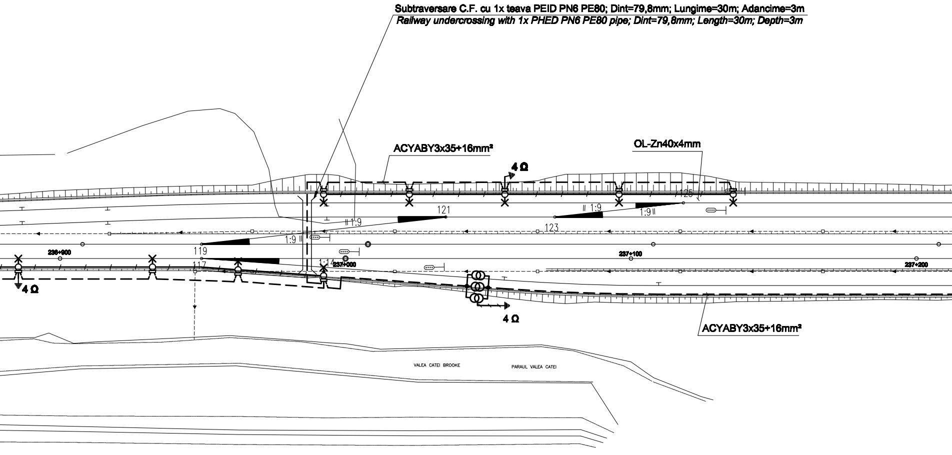

AX PODET D5
OL-Zn40x4mm
4 Ω
101
1:9
1:9
105
5,00m
5,40m
5,00m
236+200
236+300
236+400
236+500
VALEA CATEI BROOKE
PARAUL VALEA CATEI
STAȚIA RUPEA
BRAȘOV
(STAȚIA RACOȘ)

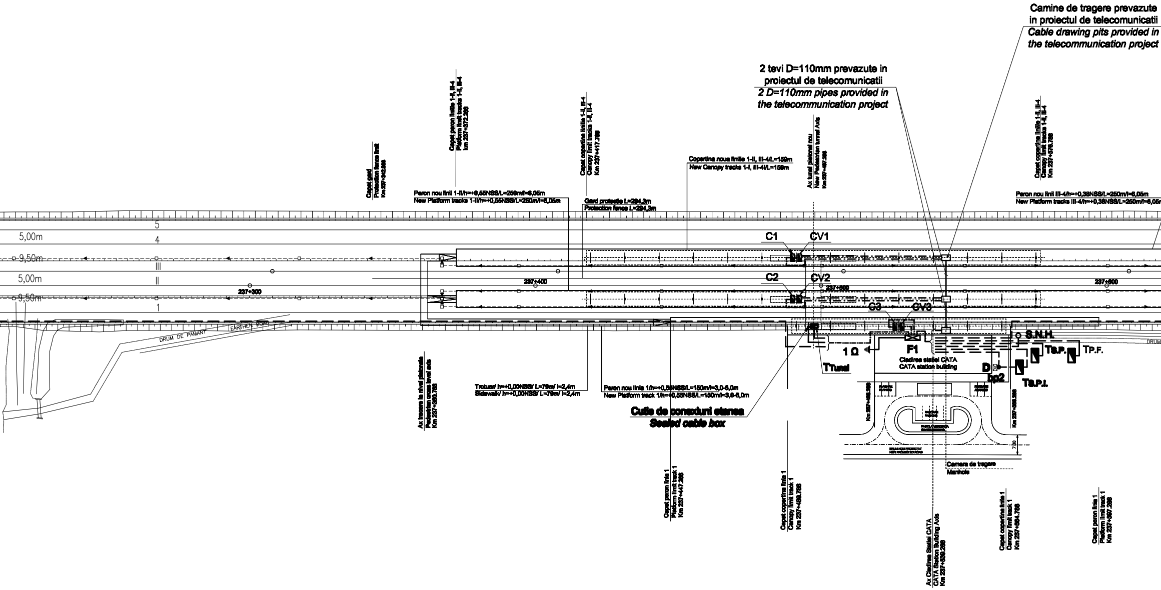
Subtraversare C.F. cu 1x teava PEID PN6 PE80; Dint=79,8mm; Lungime=23.5m; Adancime=3m

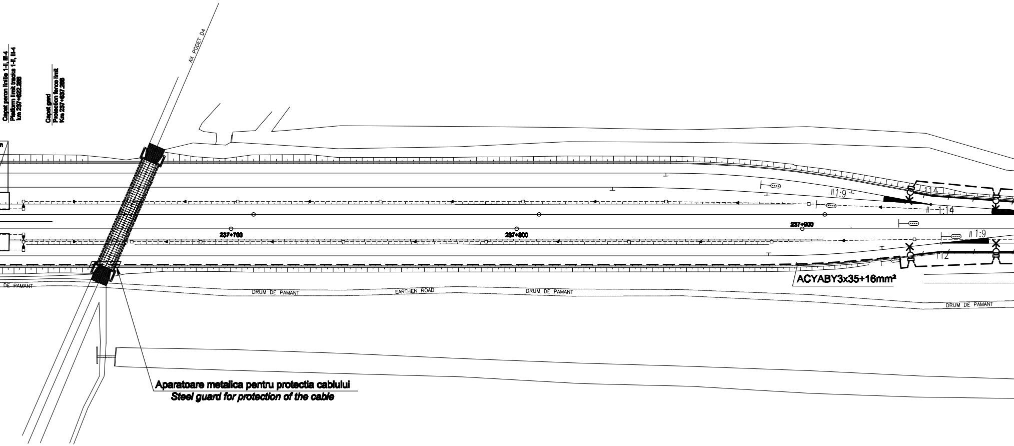
Railway undercrossing with 1x PHED PN6 PE80 pipe; Dint=79,8mm; Length=23.5m; Depth=3m

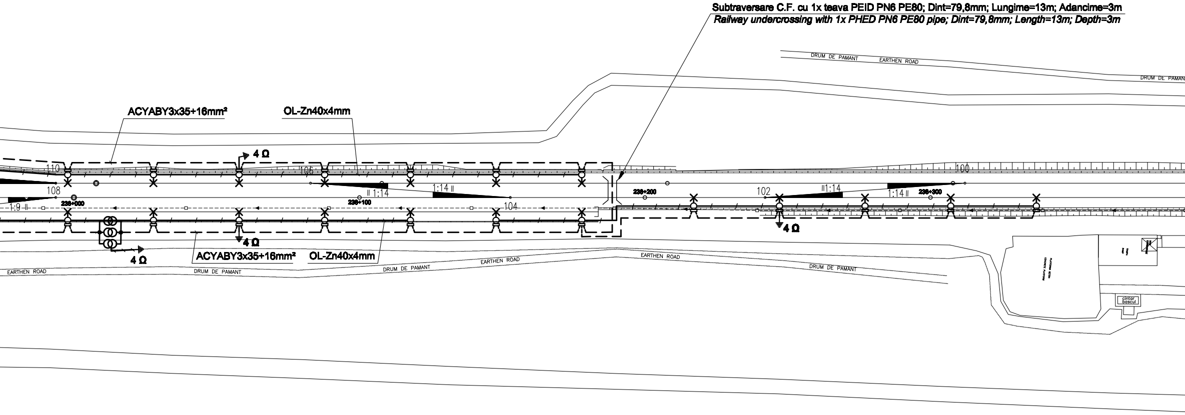

459.091
458.909
457.335
458.803
105
1:9
1:9
107
236+600
109
1:14
1:14
111
236+700
5,00m
5,40m
5,00m
113
236+800
1:14
1:14
115
4 Ω
ACYABY3x35+16mm²
OL-Zn40x4mm
VALEA CATEI BROOKE
PARAUL VALEA CATEI
458.539
458.504



Subtraversare C.F. cu 1x teava PEID PN6 PE80; Dint=79,8mm; Lungime=30m; Adancime=3m
Railway undercrossing with 1x PHED PN6 PE80 pipe; Dint=79,8mm; Length=30m; Depth=3m
ACYABY3x35+16mm²
4 Ω
OL-Zn40x4mm
125
121
1:9
1:9
1:9
123
1:9
119
236+900
117
1:14
237+000
237+100
237+200
4 Ω
4 Ω
ACYABY3x35+16mm²
VALEA CATEI BROOKE
PARAUL VALEA CATEI


Camine de tragere prevazute
in proiectul de telecomunicatii
Cable drawing pits provided in
the telecommunication project
2 tevi D=110mm prevazute in
proiectul de telecomunicatii
2 D=110mm pipes provided in
the telecommunication project
Capat gard
Protection fence limit
Km 237+342.588
Capat peron liniile 1-II, III-4
Platform limit tracks 1-II, III-4
km 237+372.288
Capat copertina liniile 1-II, III-4
Canopy limit tracks 1-II, III-4
Km 237+417.788
Copertina noua liniile 1-II, III-4/L=159m
New Canopy tracks 1-I, III-4I/L=159m
Ax tunel pietonal nou
New Pedestrian tunnel Axis
Km 237+497.288
Capat copertina liniile 1-II, III-4
Canopy limit tracks 1-II, III-4
Km 237+576.788
Peron nou linii 1-II/h=+0,55NSS/L=250m/l=6,05m
New Platform tracks 1-II/h=+0,55NSS/L=250m/l=6,05m
Gard protectie L=294,3m
Protection fence L=294,3m
Peron nou linii III-4/h=+0,38NSS/L=250m/l=6,05m
New Platform tracks III-4/h=+0,38NSS/L=250m/l=6,05m
5
4
III
II
1
5,00m
9,50m
5,00m
9,50m
237+300
237+400
237+500
237+600
C1
CV1
C2
CV2
C3
CV3
DRUM DE PAMANT
EARTHEN ROAD
DRUM
1 Ω
F1
Cladirea statiei CATA
CATA station building
TTunel
S.N.H.
Ts.P.
TP.F.
D
bp2
Ts.P.I.
Ax trecere la nivel pietonala
Pedestrian cross level axis
Km 237+380.788
Trotuar/ h=+0,00NSS/ L=79m/ l=2,4m
Sidewalk/ h=+0,00NSS/ L=79m/ l=2,4m
Peron nou linia 1/h=+0,55NSS/L=150m/l=3,0-6,0m
New Platform track 1/h=+0,55NSS/L=150m/l=3,0-6,0m
Cutie de conexiuni etanse
Sealed cable box
Km 237+488.288
Km 237+588.288
7,00
Camera de tragere
Manhole
Capat peron linia 1
Platform limit track 1
Km 237+447.288
Capat copertina linia 1
Canopy limit track 1
Km 237+489.788
Ax Cladirea Statiei CATA
CATA Station Building Axis
Km 237+539.288
Capat copertina linia 1
Canopy limit track 1
Km 237+584.788
Capat peron linia 1
Platform limit track 1
Km 237+597.288

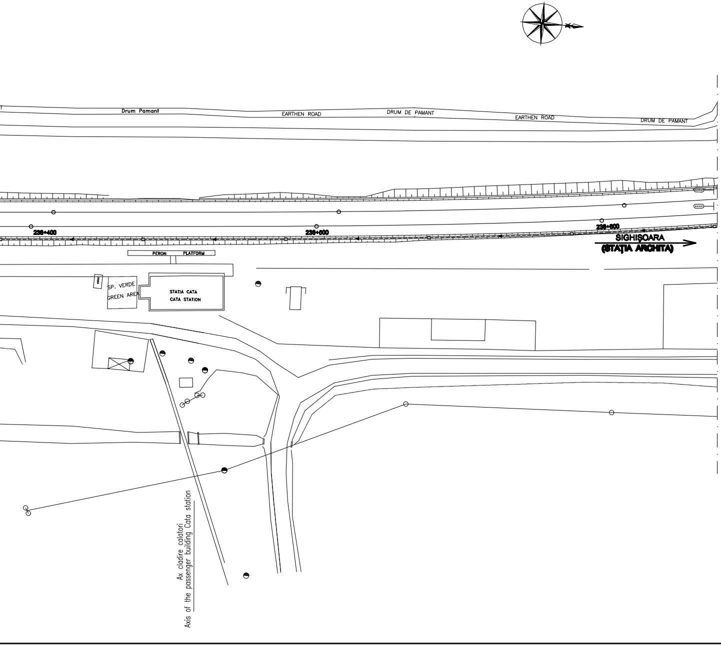

Capat peron liniile 1-II, III-4
Platform limit tracks 1-II, III-4
km 237+622,288
Capat gard
Protection fence limit
Km 237+637.288
AX PODET D4
237+700
237+800
237+900
1:9
1:14
1:9
1:12
ACYABY3x35+16mm²
DRUM DE PAMANT
EARTHEN ROAD
DRUM DE PAMANT
DRUM DE PAMANT
DRUM DE PAMANT
Aparatoare metalica pentru protectia cablului
Steel guard for protection of the cable



Subtraversare C.F. cu 1x teava PEID PN6 PE80; Dint=79,8mm; Lungime=13m; Adancime=3m

Railway undercrossing with 1x PHED PN6 PE80 pipe; Dint=79,8mm; Length=13m; Depth=3m

DRUM DE PAMANT
EARTHEN ROAD
DRUM DE PAMANT
ACYABY3x35+16mm²
OL-Zn40x4mm
4 Ω
110
106
100
108
1:9
236+000
1:14
236+100
1:14
104
236+200
102
1:14
1:14
236+300
4 Ω
4 Ω
4 Ω
ACYABY3x35+16mm²
OL-Zn40x4mm
EARTHEN ROAD
DRUM DE PAMANT
DRUM DE PAMANT
EARTHEN ROAD
EARTHEN ROAD
DRUM DE PAMANT
PLATFORMA BETON
CONCRETE PLATFORM
RAMPA
RAMP
cintar
bascul


Drum Pamant
EARTHEN ROAD
DRUM DE PAMANT
EARTHEN ROAD
DRUM DE PAMANT
236+400
236+500
236+600
SIGHIȘOARA
(STAȚIA ARCHITA)
PERON PLATFORM
SP. VERDE
GREEN AREA
STATIA CATA
CATA STATION
Ax cladire calatori
Axis of the passenger building Cata station

LEGENDA / *LEGEND:*

– – – – – – –	- **Cablu de energie montat ingropat in sant pe pat de nisip** ***Power cable buried in trench on sand bed***
—·—·—·—·—	- **Traseu grup cabluri** ***Route cable group***
– ═ ═ ═ ═ –	- **Subtraversare CF in tub de PEID PN6 PE 80** ***Railway undercrossing in PHED PN6 PE 80 pipe***
⏚	- **Priza de pamint** ***Earth grounding plate***
—×—×—	- **Linie electrica subterana pentru iluminat exterior cu stalpi de** ***Underground electric line for outdoor lighting with concrete po***
⨂	- **Stalp de beton echipat cu corp de iluminat cu lampi cu vapori** ***Concrete pole equipped with lighting unit with mercury vapou***
×	- **Corp de iluminat echipat cu lampi cu vapori de mercur 250W,** ***Lighting unit eguipped with mercur vapours lamps 250W, 230***
☒	- **Firida cu borne izolate** ***Niche with insulated terminals***
4Ω	- **Cutie cu transformatoare de separatie** ***Booster transformers box***
PEID PN6 PE80 ***PEHD PN6 PE80***	- **Teava de polietilena de inalta densitate** ***High-density polyethylene pipe***
bp2 ●	- **Buton de pornire electropompa pentru stingerea incendiului m dulapul P.S.I.** ***Button for extinguishing the electric power installed in sealed***
D ☒	- **Dulap dotari P.S.I.** ***Closet with Security and Fire Extinction accesories***
S.N.H. ○	- **Separator de namol si hidrocarburi** ***Mud and hydrocarbon seperator***
T.S.P. ◪	- **Tablou electric pentru statie pompare** ***Electric board for pumping station***
T.P.F. ◪	- **Tablou electric pentru put forat** ***Electric board for drilled well***
T.S.P.I. ◪	- **Tablou electric pentru statie pompare incendiu** ***Electric board for fire pumping station***
◪ **C1, C2, C3**	- **Cutie etansa pentru copertina (alimentata din T.I.E.)** ***Sealed box for canopy (powered supply from TIE)***
◪ **CV1, CV2, CV3**	- **Cutie etansa pentru copertina (alimentata din T.C.V.)** ***Sealed box for canopy (powered supply from TCV)***

beton (250W)
oles (250W)

de mercur 250W, 230V, 50Hz, clasaI, IP54
rs lamps 250W, 230V, 50Hz, class I, IP54

230V, 50Hz, clasaI,I P54
V, 50Hz, class I, IP54

nontat in cutia capsulata pozitionata langa

box placed near the closet PSI

JURNAL DE CABLURI
JOURNAL OF CABLES

NR. *NO.*	DE LA *FROM*	PANA LA *TO*	SIMBOL CABLU *CABLE SYMBOL*
1	Firida F1 *F1 niche*	ILUMINAT CAP X *LIGHTING OF X END*	ACYABY3x35+16mm^2
2	Firida F1 *F1 niche*	ILUMINAT CAP Y *LIGHTING OF Y END*	ACYABY3x35+16mm^2
3	Firida F1 *F1 niche*	CUTIA C1 *C1 BOX*	CYABY 5x10mm^2 CSYABY14x1.5mm^2
4	Firida F1 *F1 niche*	CUTIA C2 *C2 BOX*	CYABY 5x10mm^2 CSYABY14x1.5mm^2
5	Firida F1 *F1 niche*	CUTIA C3 *C3 BOX*	CYABY 5x10mm^2 CSYABY14x1.5mm^2
6	Firida F1 *F1 niche*	T_{Tunel}	CYABY 5x6mm^2
7	Firida F1 *F1 niche*	$T_{S.P.}$	CYABY 5x6mm^2
8	Firida F1 *F1 niche*	$T_{P.F.}$	CYABY 5x4mm^2
9	Firida F1 *F1 niche*	S.N.H.	CYABY 3x2.5mm^2
10	Firida F1 *F1 niche*	$T_{S.P.I.}$	CYABY 5x4mm^2
11	Firida F1 *F1 niche*	bp2	CSYABY 3x1.5mm^2
12	bp2	$T_{S.P.I.}$	CSYABY 3x1.5mm^2
13	Firida F1 *F1 niche*	CUTIA CV1 *CV1 BOX*	CYABY 5x4mm^2 CSYABY5x1.5mm^2
14	Firida F1 *F1 niche*	CUTIA CV2 *CV2 BOX*	CYABY 5x4mm^2 CSYABY5x1.5mm^2
15	Firida F1 *F1 niche*	CUTIA CV3 *CV3 BOX*	CYABY 5x4mm^2 CSYABY5x1.5mm^2
16	Firida F1 *F1 niche*	ILUMINAT TUNEL PIETONAL *LIGHTING OF PEDESTRIAN TUNNEL*	CYABY 3x2.5mm^2

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	12.2011	
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli	12.2011	
Verificat Checked	Expert Verificator Checking Expert	G. Fioravanti	12.2011	

SUBCONTRACTANT / SUBCONTRACTOR

AREX COMPANY

Aprobat Approved	Responsabil Subconsultant Subconsultant Responsible	A.Stanciu - Dinulescu	12.2011	
Întocmit Elaborated	Proiectant Designer	D. Matei	12.2011	

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 :

Rețele electrice exterioare - Stația Cața;
Cata station - Outdoor electric networks

Codificare / Codification System	Scara / Scale 1:1000	LOT / LOT	Nr. / No 01 / 01

E A 5 1 | 0 1 | C | 1 3 | L 7 | I E | 0 0 | 5 | 1 | 0 3 6 | 1

A3(297x3200)