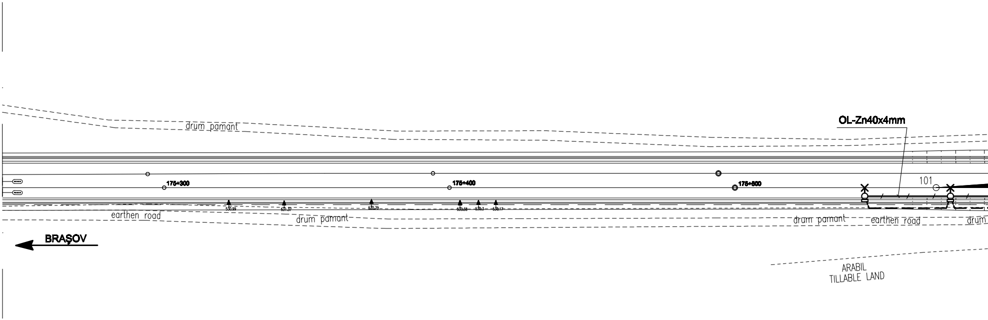
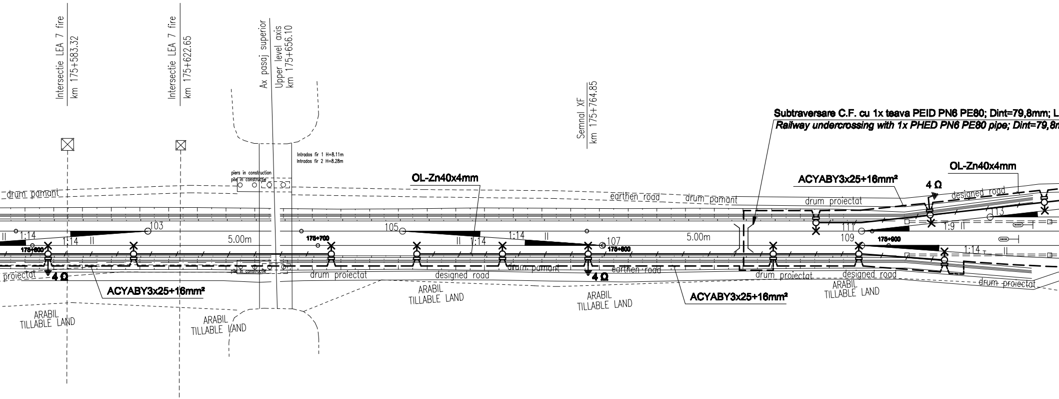
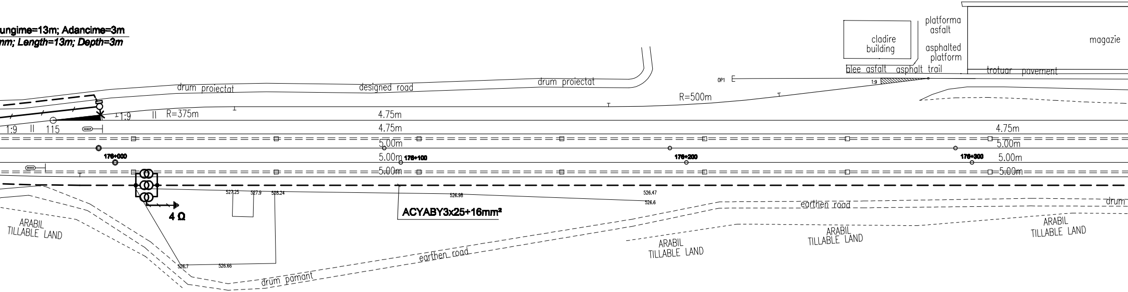

drum pamant
OL-Zn40x4mm
175+300
175+400
175+500
101
530.99
531.37
530.79
530.38
530.3
530.17
earthen road
drum pamant
drum pamant
earthen road
drum
BRAŞOV
ARABIL
TILLABLE LAND

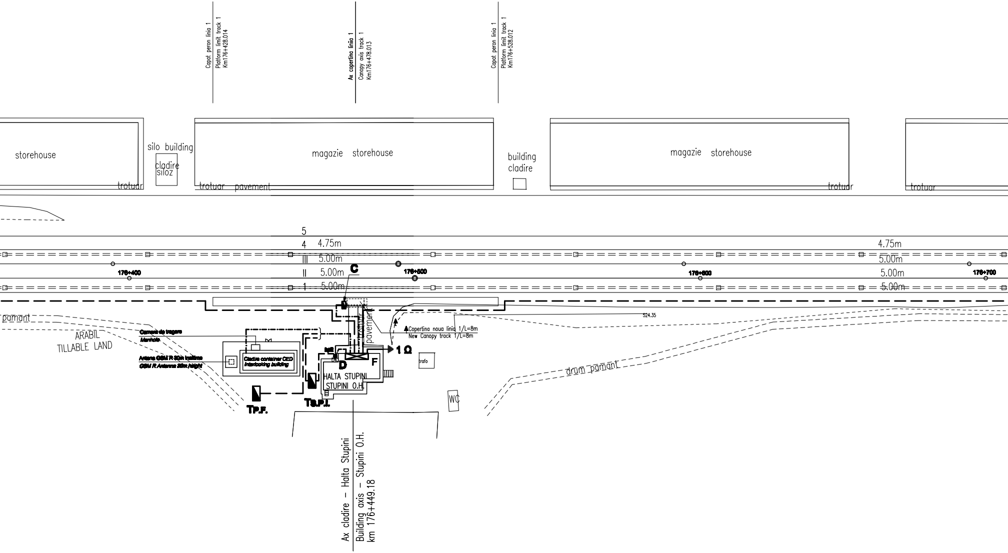


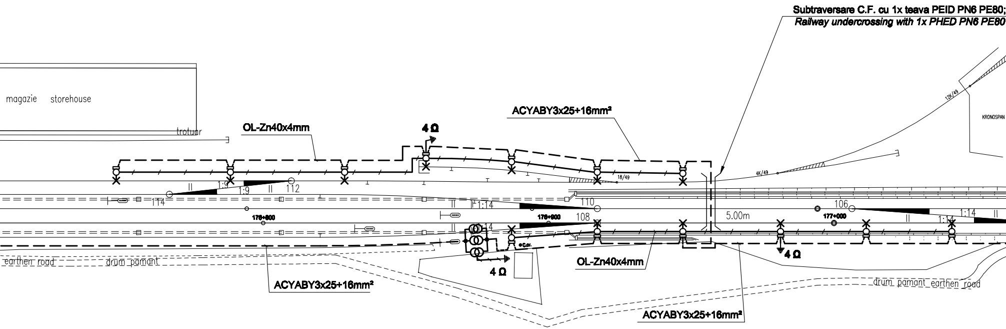
Subtraversare C.F. cu 1x teava PEID PN6 PE80; Dint=79,8mm; L

Railway undercrossing with 1x PHED PN6 PE80 pipe; Dint=79,8

Intersectie LEA 7 fire
km 175+583.32
Intersectie LEA 7 fire
km 175+622.65
Ax pasaj superior
Upper level axis
km 175+656.10
Semnal XF
km 175+764.85
Intrados fir 1 H=8.11m
Intrados fir 2 H=8.28m
piers in construction
pile in constructie
OL-Zn40x4mm
ACYABY3x25+16mm²
OL-Zn40x4mm
4 Ω
drum pamant
earthen road
drum pamant
drum proiectat
designed road
1:14
II
103
1:14
II
175+600
5.00m
175+700
105
II 1:14
1:14
II
107
175+800
5.00m
111
1:9
113
109
175+900
1:14
II
proiectat
4 Ω
ACYABY3x25+16mm²
pile in constructie
drum proiectat
designed road
drum pamant
4 Ω
earthen road
ACYABY3x25+16mm²
drum proiectat
designed road
drum proiectat
ARABIL
TILLABLE LAND
ARABIL
TILLABLE LAND
ARABIL
TILLABLE LAND
ARABIL
TILLABLE LAND
ARABIL
TILLABLE LAND

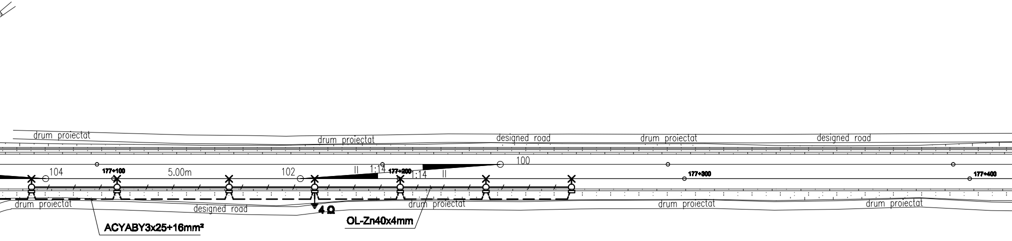

ungime=13m; Adancime=3m
mm; Length=13m; Depth=3m
drum proiectat
designed road
drum proiectat
cladire
building
platforma
asfalt
asphalted
platform
magazie
alee asfalt
asphalt trail
trotuar
pavement
OP1
1:9
R=500m
R=375m
1:9
1:9
115
4.75m
4.75m
4.75m
5.00m
5.00m
5.00m
5.00m
5.00m
5.00m
176+000
176+100
176+200
176+300
4 Ω
527.25
527.9
528.24
526.98
526.47
526.6
526.7
526.66
ACYABY3x25+16mm²
ARABIL
TILLABLE LAND
earthen road
drum pamant
earthen road
drum
ARABIL
TILLABLE LAND
ARABIL
TILLABLE LAND
ARABIL
TILLABLE LAND

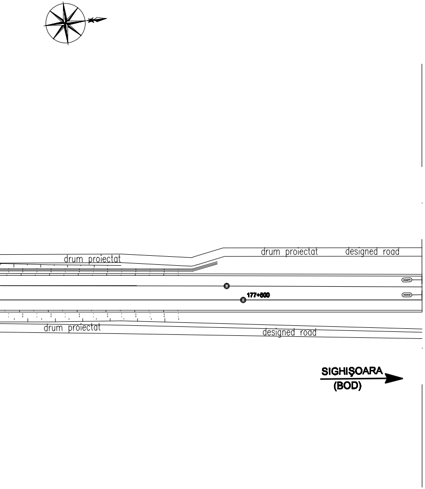

Capat peron linia 1
Platform limit track 1
Km176+428.014
Ax copertina linia 1
Canopy axis track 1
Km176+478.013
Capat peron linia 1
Platform limit track 1
Km176+528.012
storehouse
silo building
cladire
siloz
magazie storehouse
building
cladire
magazie storehouse
trotuar
trotuar pavement
trotuar
trotuar
5
4
4.75m
III
5.00m
II
5.00m
1
5.00m
4.75m
5.00m
5.00m
5.00m
176+400
176+500
176+600
176+700
C
524.35
pamant
ARABIL
TILLABLE LAND
Camera de tragere
Manhole
Antena GSM R 30m inaltime
GSM R Antenna 30m height
Cladire container CED
Interlocking building
trotuar
pavement
Copertina noua linia 1/L=8m
New Canopy track 1/L=8m
1 Ω
D
F
HALTA STUPINI
STUPINI O.H.
trafo
WC
TP.F.
TS.P.I.
drum pamant
Ax cladire – Halta Stupini
Building axis – Stupini O.H.
km 176+449.18



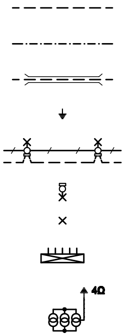
Subtraversare C.F. cu 1x teava PEID PN6 PE80;
Railway undercrossing with 1x PHED PN6 PE80
magazie storehouse
trotuar
OL-Zn40x4mm
4 Ω
ACYABY3x25+16mm²
12K/49
KRONOSPAN
4K/49
18/49
1:9
1:9
112
114
110
1:14
106
1:14
1:14
176+800
176+900
108
5.00m
177+000
1:14
C.ov.
4 Ω
4 Ω
OL-Zn40x4mm
earthen road
drum pamant
ACYABY3x25+16mm²
ACYABY3x25+16mm²
drum pamant earthen road

Dint=79,8mm; Lungime=23m; Adancime=3m
pipe; Dint=79,8mm; Length=23m; Depth=3m


drum proiectat
drum proiectat
designed road
drum proiectat
designed road
100
104
177+100
5.00m
102
1:14
177+200
1:14
177+300
177+400
drum proiectat
designed road
4 Ω
drum proiectat
drum proiectat
drum proiectat
ACYABY3x25+16mm²
OL-Zn40x4mm


drum proiectat
drum proiectat
designed road
177+500
drum proiectat
designed road
SIGHIȘOARA
(BOD)

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 beton (250W)
Underground electric line for outdoor lighting with concrete poles (250W)

- Stalp de beton echipat cu corp de iluminat cu lampi cu vapori de mercur 250W, 230V, 50Hz, clasa I, IP54
Concrete pole equipped with lighting unit with mercury vapours lamps 250W, 230V, 50Hz, class I, IP54

- Corp de iluminat echipat cu lampi cu vapori de mercur 250W, 230V, 50Hz, clasa I,IP54
Lighting unit egiupped with mercur vapours lamps 250W, 230V, 50Hz, class I, IP54

- Firida cu borne izolate
Niche with insulated terminals

- 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 montat in cutia capsulata pozitionata langa dulapul P.S.I.**
Button for extinguishing the electric power installed in sealed box placed near the closet PSI

D ⊠ **- Dulap dotari P.S.I.**
Closet with Security and Fire Extinction accesories

TP.F. ◩ **- Tablou electric pentru put forat**
Electric board for drilled well

TSP.I. ◩ **- Tablou electric pentru statie pompare incendiu**
Electric board for fire pumping station

C ◩ **- Cutie etansa pentru copertina (alimentata din T.I.E.)**
Sealed box for canopy (powered supply from TIE)

JURNAL DE CABLURI
JOURNAL OF CABLES

NR. *NO.*	DE LA *FROM*	PANA LA *TO*	SIMBOL CABLU *CABLE SYMBOL*
1	Firida F *F niche*	ILUMINAT CAP X *LIGHTING OF X END*	ACYABY3x25+16mm^2
2	Firida F *F niche*	ILUMINAT CAP Y *LIGHTING OF Y END*	ACYABY3x25+16mm^2
3	Firida F *F niche*	CUTIA C *C BOX*	CYABY 5x4mm^2
4	Firida F *F niche*	Tp.f.	CYABY 5x4mm^2
5	Firida F *F niche*	Ta.p.i.	CYABY 5x4mm^2
6	Firida F *F niche*	bp2	CSYABY3x1.5mm^2
7	bp2	Ta.p.i.	CSYABY3x1.5mm^2
8	Firida F *F niche*	CONTAINER GRUP ELECTROGEN *CONTAINER POWER UNIT*	CYABY3x150mm^2 CYABY3x150+70mm^2+CYABY1x70mm^2 CYABY5x25mm^2 CYABY5x25mm^2 CYABY3x10mm^2 CYABY3x10mm^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 FINANŢAT DE UNIUNEA EUROPEANĂ
EUROPEAN UNION FINANCED PROJECT

CFR

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

CLIENT / CLIENT

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 Secţiune 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 circulaţia 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 :

Reţele electrice exterioare - Staţia Stupini;
Stupini station - Outdoor electric networks

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

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

A3(297x2940)