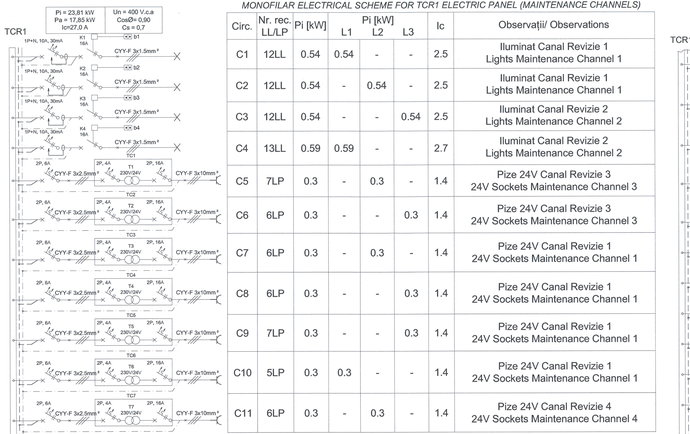
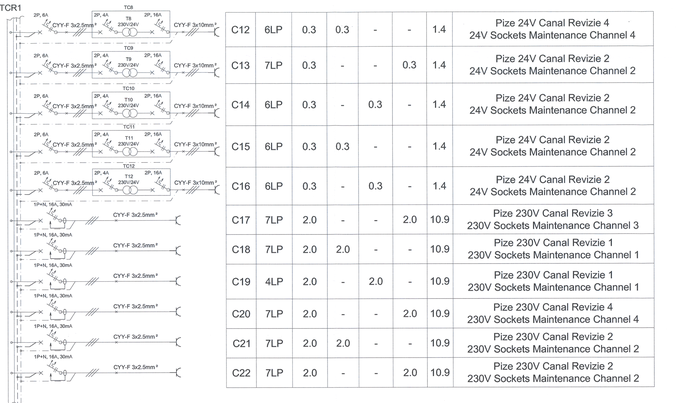
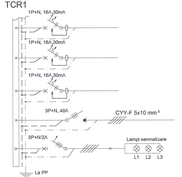
SCHEMĂ MONOFILARĂ TABLOU ELECTRIC TCR1 (CANALE REVIZIE)/
MONOFILAR ELECTRICAL SCHEME FOR TCR1 ELECTRIC PANEL (MAINTENANCE CHANNELS)



Circ.	Nr. rec. LL/LP	Pi [kW]	Pi [kW] L1	Pi [kW] L2	Pi [kW] L3	Ic	Observaţii/ Observations
C1	12LL	0.54	0.54	-	-	2.5	Iluminat Canal Revizie 1 Lights Maintenance Channel 1
C2	12LL	0.54	-	0.54	-	2.5	Iluminat Canal Revizie 1 Lights Maintenance Channel 1
C3	12LL	0.54	-	-	0.54	2.5	Iluminat Canal Revizie 2 Lights Maintenance Channel 2
C4	13LL	0.59	0.59	-	-	2.7	Iluminat Canal Revizie 2 Lights Maintenance Channel 2
C5	7LP	0.3	-	0.3	-	1.4	Pize 24V Canal Revizie 3 24V Sockets Maintenance Channel 3
C6	6LP	0.3	-	-	0.3	1.4	Pize 24V Canal Revizie 3 24V Sockets Maintenance Channel 3
C7	6LP	0.3	-	0.3	-	1.4	Pize 24V Canal Revizie 1 24V Sockets Maintenance Channel 1
C8	6LP	0.3	-	-	0.3	1.4	Pize 24V Canal Revizie 1 24V Sockets Maintenance Channel 1
C9	7LP	0.3	-	-	0.3	1.4	Pize 24V Canal Revizie 1 24V Sockets Maintenance Channel 1
C10	5LP	0.3	0.3	-	-	1.4	Pize 24V Canal Revizie 1 24V Sockets Maintenance Channel 1
C11	6LP	0.3	-	0.3	-	1.4	Pize 24V Canal Revizie 4 24V Sockets Maintenance Channel 4



C12	6LP	0.3	0.3	-	-	1.4	Pize 24V Canal Revizie 4 24V Sockets Maintenance Channel 4
C13	7LP	0.3	-	-	0.3	1.4	Pize 24V Canal Revizie 2 24V Sockets Maintenance Channel 2
C14	6LP	0.3	-	0.3	-	1.4	Pize 24V Canal Revizie 2 24V Sockets Maintenance Channel 2
C15	6LP	0.3	0.3	-	-	1.4	Pize 24V Canal Revizie 2 24V Sockets Maintenance Channel 2
C16	6LP	0.3	-	0.3	-	1.4	Pize 24V Canal Revizie 2 24V Sockets Maintenance Channel 2
C17	7LP	2.0	-	-	2.0	10.9	Pize 230V Canal Revizie 3 230V Sockets Maintenance Channel 3
C18	7LP	2.0	2.0	-	-	10.9	Pize 230V Canal Revizie 1 230V Sockets Maintenance Channel 1
C19	4LP	2.0	-	2.0	-	10.9	Pize 230V Canal Revizie 1 230V Sockets Maintenance Channel 1
C20	7LP	2.0	-	-	2.0	10.9	Pize 230V Canal Revizie 4 230V Sockets Maintenance Channel 4
C21	7LP	2.0	2.0	-	-	10.9	Pize 230V Canal Revizie 2 230V Sockets Maintenance Channel 2
C22	7LP	2.0	-	-	2.0	10.9	Pize 230V Canal Revizie 2 230V Sockets Maintenance Channel 2



C23	-	2.0	-	2.0	-	10.9	Rezerva Reserve
C24	-	2.0	2.0	-	-	10.9	Rezerva Reserve
C25	-	2.0	-	2.0	-	10.9	Rezerva Reserve
-	ΣPi=	23.81	8.03	8.04	7.74	27	Alimentare Tablou din TPG Electric panel supply from TPG

LEGENDĂ / LEGEND:

Întreruptor automat cu protecţie termica si electromagnetică;
Automatic switcher with thermal and electro-magnetic protection;

Întreruptor automat cu protecţie termica si electromagnetică;
Automatic switcher with thermal and electro-magnetic protection;

Lămpi pentru semnalizarea prezenţei tensiunii pe fiecare fază;
Lamps for voltage warning for each phase;

Întreruptor automat cu protecţie termica si electromagnetică;
Automatic switcher with thermal and electro-magnetic protection;

Separator de sarcină tetrapolar
Fore-pole disconnector ;

Priză electrică ;
Electric connection ;

Transformator 230V/24V ;
Electric Transformer 230V/24V ;

Întreruptor automat cu protecţie termica si electromagnetică;
Automatic switcher with thermal and electro-magnetic protection;

Cablu cu conductoare de cupru, cu izolaţie din PVC, cu întârziere mărită la propagarea flăcării;
Cable with copper conductors, PVC insulation, enhanced delay upon flame propagation;

Notă/ Note:
Schemele monofilare se vor consulta împreună cu planurile de electrice.
In cazul în care se vor achiziţiona echipamente (utilaje) electrice cu caracteristici tehnice diferite, faţă de cele prevăzute în proiect, se va redimensiona schema monofilară.
Orice greşeala sau neconcordanţă găsită, executantul are obligaţia de a atrage atenţia proiectantului, altfel executantul va fi responsabil pentru acestea.
The single-wire diagrams will be read together with the layouts plans.
If purchased electrical equipment (machinery) have different characteristics, from those in the project, the single-wire diagrams will be revised .
The contractor has to draw the attention of the designer with regard to any error or incongruity encountered, otherwise the contractor will be responsible for it.

Acest plan anulează şi înlocuieşte planul nr. PT.03.03.26.IE.07.013 elaborat la data 01.2013.
This layout plan canceled and replaced layout plan no. PT.03.03.26.IE.07.013 prepared on 01.2013.

Verificator / Expert Checker / Expert	Cerinţa Requirement	Semnătura Signature	Referat / Expertiză Report / Expertise
			355/21.06.2013

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NAŢIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY		Data Date	Semnătura Signature
Aprobat Approved	Şef de echipă Team leader	C. Teodorescu	01.2013
Verificat Checked	Expert Cheie Key Expert	D.A. Stănescu	01.2013
Subcontractant / Subcontractor MIOTOP			
Aprobat Approved	Adjunct Şef de echipă Deputy Team leader	A.M. Balcu	01.2013
Proiectat Designed	Inginer Engineer	M. Ciocîrlan	01.2013

"Reabilitarea liniei c.f. Frontieră à - Curtici - Simeria , parte componentă a coridorului IV Pan – European pentru circulaţia cu viteza maximă de 160 km/h" Troiconul 3- Gurasada - Simeria
"Rehabilitation of the Railway Line Border - Curtici - Simeria , component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h" Section 3: Gurasada - Simeria

Proiect Nr. 353/1.1
Faza / Phase: PTh+CS / TD+TS

Denumire desen / Drawing name:
Schemă monofilară tablou TCR1 - Hală mentenanţă Deva
Deva Maintenance hall - Unifilar diagram for TCR1 panel

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
-	1/05.2013	PT.03.03.26.IE.07.016	16/32