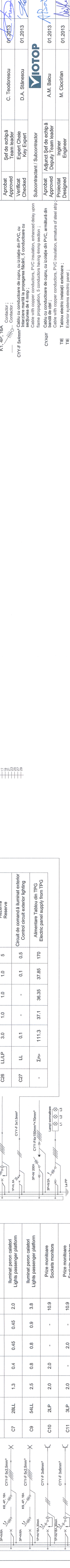
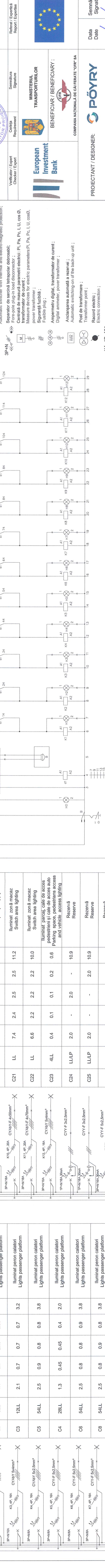


**SCHEMĂ MONOFILARĂ TABLOU ELECTRIC ILUMINAT EXTERIOR**  
**MONOPHASE ELECTRICAL SCHEME FOR EXTERIOR LIGHTS ELECTRICAL PANEL**

Circ.	Nr. rec. L1/LP	Pi [kW]	L1	Pi [kW]	L2	L3	Ic	Observatii/ Observations
C1	23LL	4.0	1.3	1.4	1.3	6.1		Observatii/ Observations
C2	8LL	1.4	0.4	0.45	0.55	2.1		Iluminat peron calatori Lights passenger platform
C3	12LL	2.1	0.7	0.7	0.7	3.2		Iluminat peron calatori Lights passenger platform
C5	54LL	2.5	0.9	0.8	0.8	3.8		Iluminat peron calatori Lights passenger platform
C4	28LL	1.3	0.45	0.45	0.4	2.0		Iluminat peron calatori Lights passenger platform
C6	54LL	2.5	0.8	0.8	0.9	3.8		Iluminat peron calatori Lights passenger platform
C8	54LL	2.5	0.8	0.9	0.8	3.8		Iluminat peron calatori Lights passenger platform
C7	28LL	1.3	0.4	0.45	0.45	2.0		Iluminat peron calatori Lights passenger platform
C9	54LL	2.5	0.8	0.8	0.9	3.8		Iluminat peron calatori Lights passenger platform
C10	2LP	2.0	2.0	-	-	10.9		Prize monitoare Sockets monitors
C11	3LP	2.0	-	2.0	-	10.9		Prize monitoare Sockets monitors
C12	3LP	2.0	-	-	2.0	10.9		Prize monitoare Sockets monitors
C13	3LP	2.0	-	2.0	-	10.9		Prize monitoare Sockets monitors
C14	1LP	3.0	-	-	3.0	16.3		Alimentare panou afis aj LED LED display panel supply
C15	1LP	3.0	3.0	-	-	16.3		Alimentare panou afis aj LED LED display panel supply



**LEGENDĂ / LEGEND:**

- 3P+N: Interupător automat cu protecție termică și electromagnetice; Automatic switcher with thermal and electro-magnetic protection.
- 3P: Interupător automat cu protecție termică și electromagnetice; Automatic switcher with thermal and electro-magnetic protection.
- L1, L2, L3: Lampi semnalizare; Lamps for voltage warning for each phase.
- 1P+N: Interupător automat cu protecție termică și electromagnetice; Automatic switcher with thermal and electro-magnetic protection.
- 3P+N: Separator de sarcină tetrapolar debrusabil; Fore-pole plug-in load disconnect.
- M: Centrală de măsură parametrii electrice: PI, Pa, Pc, I, U, cos φ; Measure devices for electric parameters: PI, Pa, Pc, I, U, cos φ.
- TF: Transformator de curent; power transformer.
- S: Siguranță fuzibilă; Fusible plug.
- AD: Ampermetru digital, transformator de curent; Digital ammeter, power transformer.
- AR: Anclansarea automată a rezervelor; Automatic switching-on of the back-up unit.
- PT: Post de transformare; Transformer point.
- CE: Racord electric; Electric connection.
- K1, 4P, 16A: Contactor; Contactor.
- CY-Y-F 5x4mm²: Cablu cu conductoare de cupru, cu izolație din PVC, cu întârziere marită la propagarea flăcării, 5 conductoare cu secțiunea de 4 mm²; Cable with copper conductors, PVC insulation, enhanced delay upon flame propagation, 5 conductors having 4mm² section.
- CYABY: Cablu cu conductoare de cupru, cu izolație din PVC, armătură din bandă de oțel; Cable with copper conductors, PVC insulation, armature of steel strip.
- TIE: Tablu electric instalații exterioare; Exterior systems electric panel.

**Notă / Note:**  
 Schemele monitorare se vor consulta împreună cu planurile de electrice  
 Orice gresala sau neconcordanță găsită, executorului va fi responsabil pentru  
 aceste.  
 The single-wire diagrams will be read together with the layouts plans. 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.

**Verificator / Expert**  
 Checkers / Experts

**Semnatura**  
 Signature

**Referat / Expertiză**  
 Report / Expertise

**PROIECTANT / DESIGNER:**

**APROBAT**  
 Approved

**VERIFICAT**  
 Checked

**SUBCONTRACTANT / SUBCONTRACTOR**

**APROBAT**  
 Approved

**PROIECTAT**  
 Designed

**Șef de echipă**  
 Team leader

**Expert Cheie**  
 Key Expert

**C. Teodorescu**

**D.A. Stănescu**

**A.M. Baicu**

**M. Ciocirian**

**01.2013**

**01.2013**

**01.2013**

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**PROIECTANT / DESIGNER:**

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**01.2013**

**SCHEMĂ MONOFILARĂ TABLOU ELECTRIC ILUMINAT EXTERIOR**  
**MONOPHASE ELECTRICAL SCHEME FOR EXTERIOR LIGHTS ELECTRICAL PANEL**

**Verificator / Expert**  
 Checkers / Experts

**Semnatura**  
 Signature

**Referat / Expertiză**  
 Report / Expertise

**MINISTERUL TRANSPORTURILOR**

**BENEFICIAR / BENEFICIARY:**

**COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA**

**PROIECTANT / DESIGNER:**

**APROBAT**  
 Approved

**VERIFICAT**  
 Checked

**SUBCONTRACTANT / SUBCONTRACTOR**

**APROBAT**  
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**01.2013**

**01.2013**

**01.2013**

**01.2013**

**"Reabilitarea liniei c.f. Curtici - Simeria, parte componentă a coridorului IV Transonului 2-C: Cap Y Iteu - Cap Y Gurasada"**

**"Rehabilitation of the Railway Line Border - Curtici - Simeria, component Part of the IV Pan - European Corridor with maximum speed of 160 km/h"**

**Section 2-C: End Y Iteu - End Y Gurasada**

**Denumire desen / Drawing name:**

**Schemă monofilară tablou electric TIE - Stația Iteu**

**Iteu Station - Monophas electrical scheme for electric panel TIE**

**Scara / Scale**

**Revizia / Revision**

**1/05.2013**

**Cod desen / Drawing Code**

**PT.2C.04.16.IE.05.003**

**Nr / No**

**03/06**