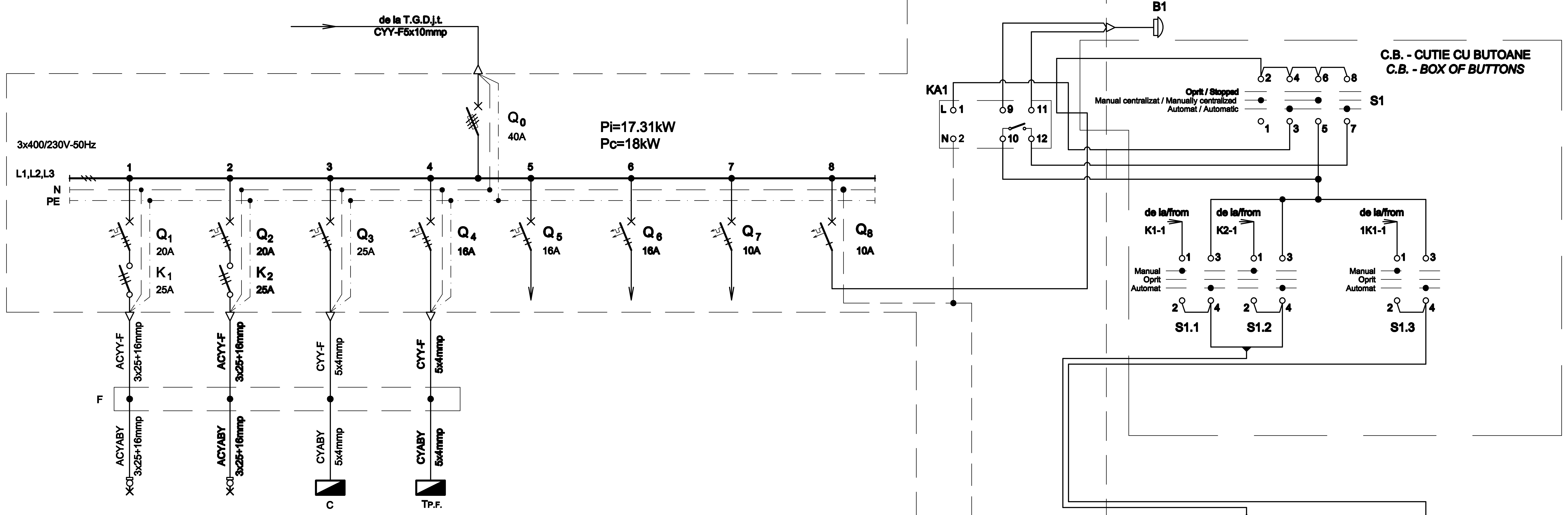
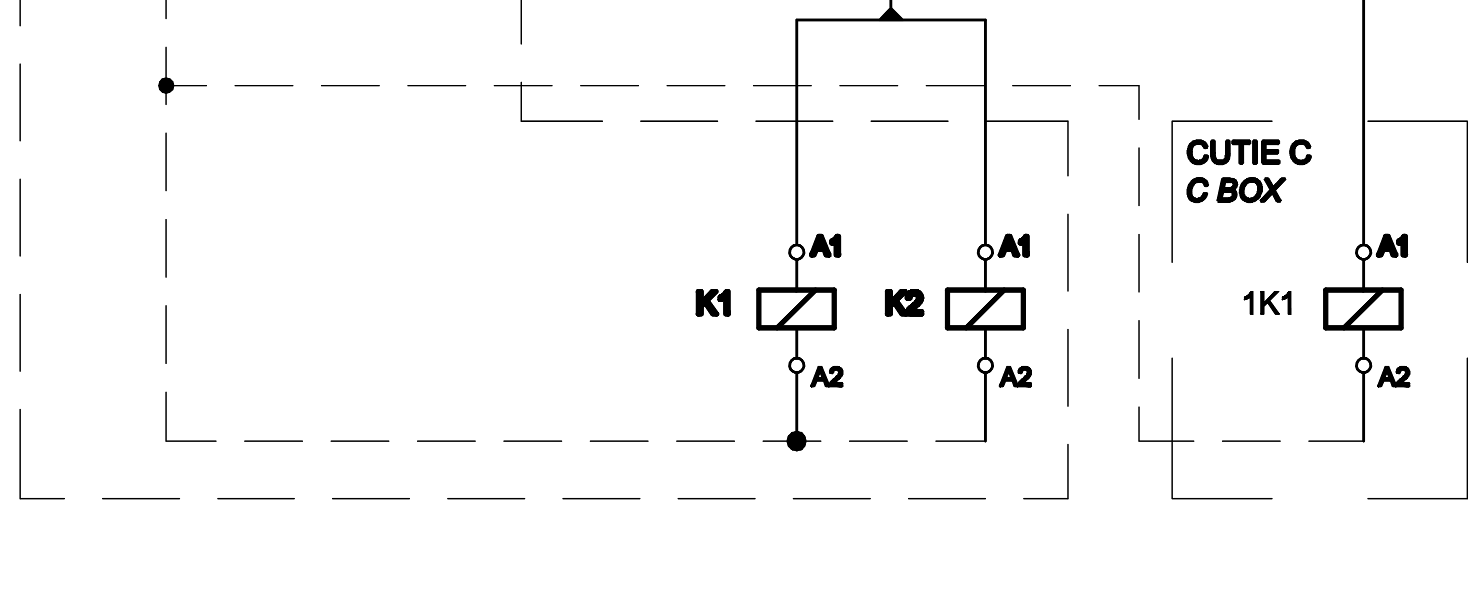
TABLOU ELECTRIC T.I.E. - SCHEMA MONOFILARA
T.I.E. ELECTRIC BOARD - SINGLE-WIRE DIAGRAM





Nr. circuit *Circuit number*	1	2	3	4	5	6	7	8
Pi [kW]	3.75	5	1.36	2.2	2	2	1	-
Destinatia *Destination*	ILUMINAT CAP X *X HEAD LIGHTING* 15LL / *Lamps*	ILUMINAT CAP Y *Y HEAD LIGHTING* 20LL / *Lamps*	CUTIE ETANSA PENTRU COPERTINA - C *SEALED BOX FOR CANOPY - C*	PUT FORAT TABLOU ELECTRIC - TP.F. *DRILLED WELL ELECTRIC BOARD - T P.F.*	REZERVA MONOFAZATA *SINGLE-PHASE RESERVE*	REZERVA MONOFAZATA *SINGLE-PHASE RESERVE*	REZERVA MONOFAZATA *SINGLE-PHASE RESERVE*	CIRCUIT COMANDA ILUMINAT EXTERIOR *COMMAND CIRCUIT OUTDOOR LIGHTING*

TABLOU ELECTRIC T.I.E. - SPECIFICATIE DE APARATAJ / *T.I.E. ELECTRIC BOARD - EQUIPMENT SPECIFICATION*

Nr. *No.*	Simbol *Symbol*	Denumirea aparatului *Equipment denomination*	Caracteristici tehnice *Technical data*	Buc. *Pcs.*	Observatii *Remarks*
0	1	2	3	4	5
1	Q0	Separator de sarcina tripolar cu fuzibil / *Three-poles switch-disconnector with fusible*	In=40A Un=400V Uimp=8kV f=50Hz Icm=2.2kA	1	
2	Q1,Q2	Intrerupator automat tripolar, curba B *Three-poles circuit breaker, curveB*	In=20A Un=400V Icu=6kA f=50Hz	2	
3	Q3	Intrerupator automat tripolar, curba C *Three-poles circuit breaker, curve C*	In=25A Un=400V Icu=6kA f=50Hz	1	
4	Q4	Intrerupator automat tripolar, curba C *Three-poles circuit breaker, curve C*	In=16A Un=400V Icu=6kA f=50Hz	1	
5	Q5,Q6	Intrerupator automat bipolar, curba C *Two-poles circuit breaker, curve C*	In=16A Un=230V Icu=6kA f=50Hz	2	
6	Q7	Intrerupator automat bipolar, curba C *Two-poles circuit breaker, curve C*	In=10A Un=230V Icu=6kA f=50Hz	1	
7	Q8	Intrerupatoare automate bipolare, curba D / *Two-poles circuit breaker, curve D*	In=6A Un=230V f=50Hz Icu=10kA	1	
8	K1,K2	Contactor electromagnetic tripolar de curent alterativ / *Three-poles electromagnetic a.c. contactor*	In=25A Un=400A Uc=230V f=50Hz	2	
9	S1.1,S1.2,S1.3	Comutator cu came Cam switch	Un=230V In=10kA f=50Hz	3	Comutatoarele cu came se vor monta in C.B. (cutia cu butoane) *Cam switchs will be installed in C.B.(box of buttons)*
10	S1	Comutator cu came Cam switch	Un=230V In=10kA f=50Hz	1	Comutatorul cu came se va monta in C.B. (cutia cu butoane) *Cam switch will be installed in C.B.(box of buttons)*
11	KA1	Intrerupator crepuscular *Twilight switch*	Un=230V In=10A E=2...60lx f=50Hz Tf=-25°C...+55°C	1	
12	B	Celula fotoelectrica *Photoelectric cell*	Tf=-40°C...+70°C IP66	1	
13	-	Cutie / *Box*	IP30, Clasa I / *Class I*	1	

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

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

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:
D.E. / E.D.

Denumire desen / Drawing Title :

Tablou electric T.I.E. - Stația Stupini;
Stupini station - T.I.E. electric board

Codificare / Codification System — Scara / Scale — LOT / LOT — Nr. / No 01 / 01

E A 5 1 | 0 1 | E | 0 3 | B X | I E | 0 0 | 1 | 1 | 0 4 5 | 1

A3(297x1050)