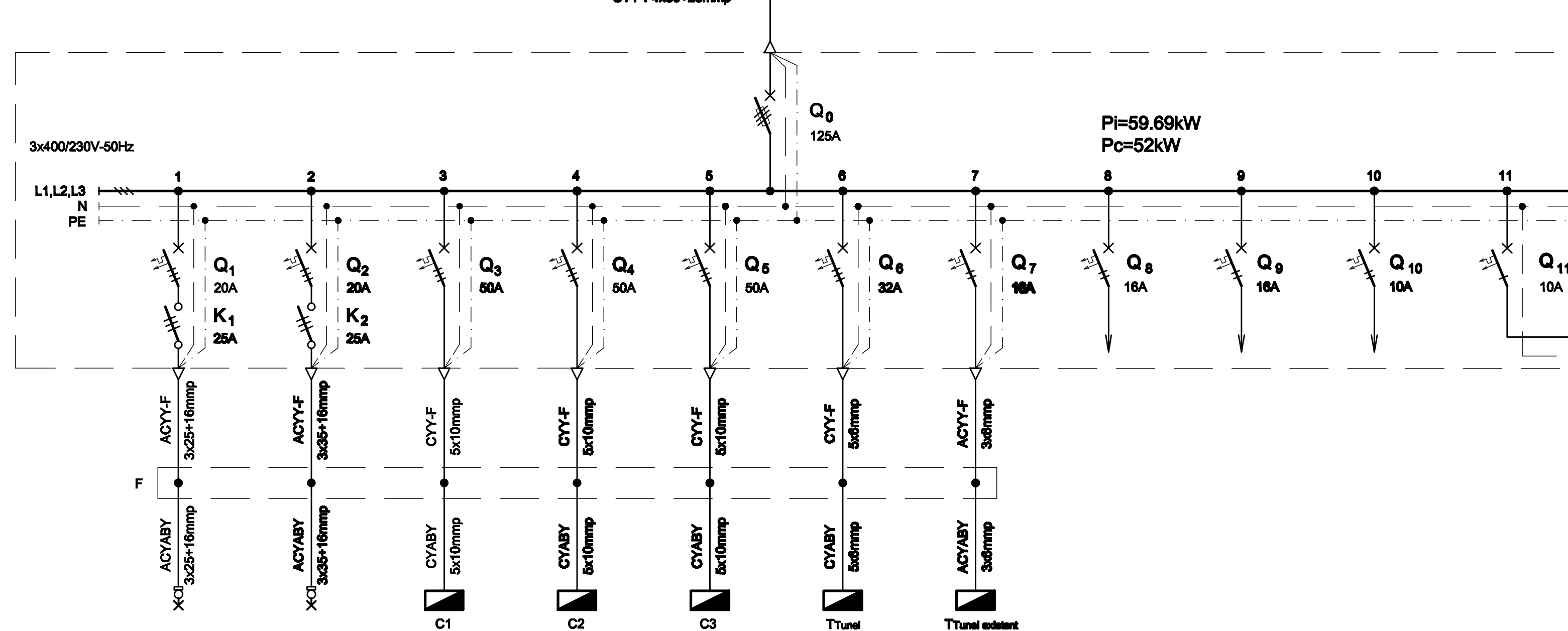
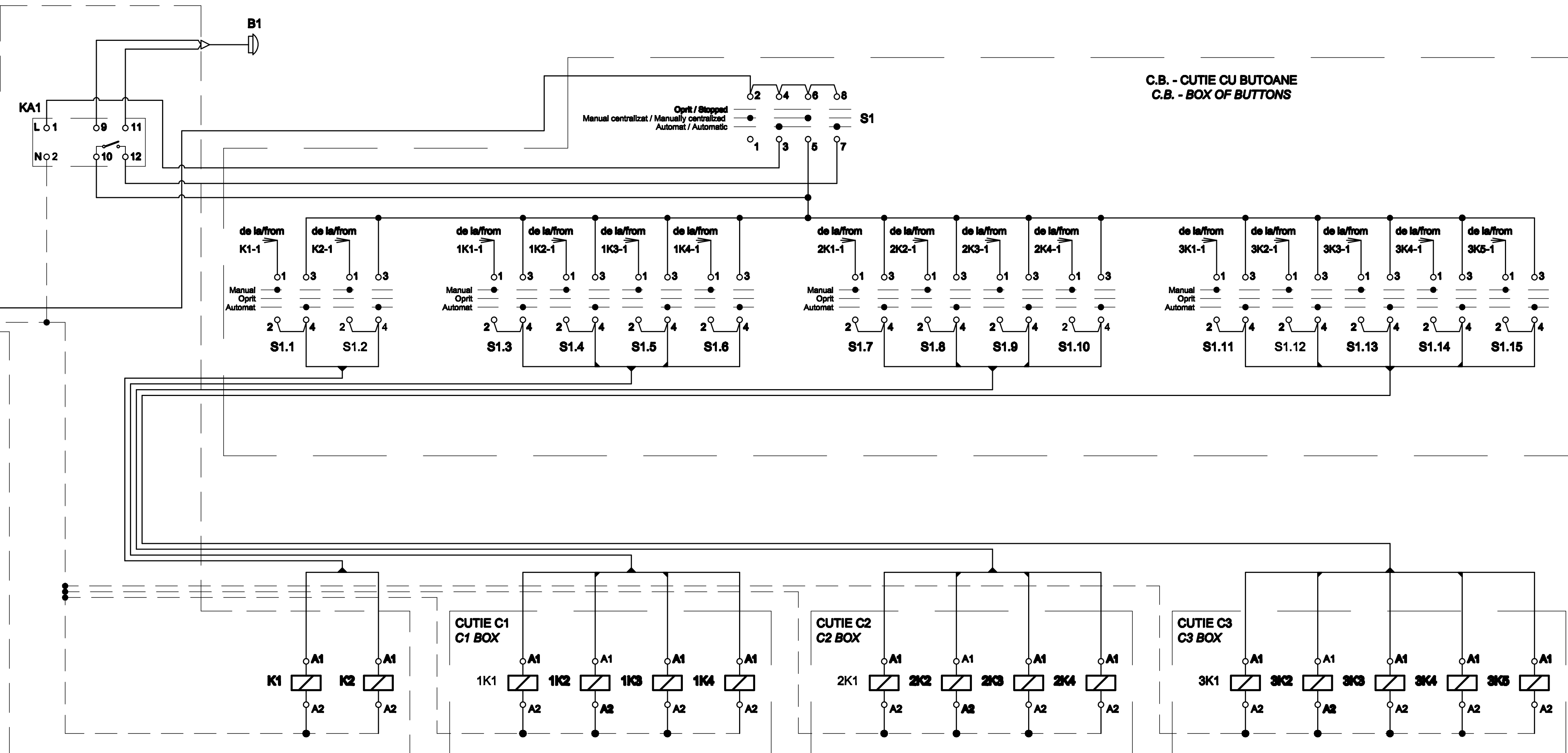


TABLOU ELECTRIC T.I.E. - SCHEMA MONOFILARA
T.I.E. ELECTRIC BOARD - SINGLE-WIRE DIAGRAM



Nr. circuit Circuit number	1	2	3	4	5	6	7	8	9	10	11
PI [kW]	4.75	5	11.96	11.96	7.24	11.78	2	2	2	1	-
Destinația Destination	ILUMINAT CAP X X HEAD LIGHTING 1ΦLL	ILUMINAT CAP Y Y HEAD LIGHTING 2ΦLL	CUTIE ETANSA PENTRU COPERTINA - C1 SEALED BOX FOR CANOPY - C1	CUTIE ETANSA PENTRU COPERTINA - C2 SEALED BOX FOR CANOPY - C2	CUTIE ETANSA PENTRU COPERTINA - C3 SEALED BOX FOR CANOPY - C3	TUNEL PIETONAL PEDESTRIAN TUNNEL ELECTRIC BOARD - T Tunnel	TUNEL PIETONAL EXISTENT TUNEL ELECTRIC - T Tunnel existent EXISTING PEDESTRIAN TUNNEL ELECTRIC BOARD - Tunnel existent	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=125A Un=400V Uimp=8kV f=50Hz Iom=2.2kA	1	
2	Q1,Q2	Intreupator automat tripolar, curba B / Three-poles circuit breaker, curve B	In=20A Un=400V Icu=6kA f=50Hz	2	
3	Q6	Intreupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=32A Un=400V Icu=6kA f=50Hz	1	
4	Q3,Q4,Q5	Intreupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=50A Un=400V Icu=6kA f=50Hz	3	
5	Q7,Q8,Q9	Intreupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=16A Un=230V Icu=6kA f=50Hz	3	
6	Q10	Intreupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=10A Un=230V Icu=6kA f=50Hz	1	
7	Q11	Intreupator automat monopolar, curba D / Single-pole circuit breaker, curve D	In=10A Un=230V f=50Hz Icu=6kA	1	
8	K1,K2	Contacteur electromagnetic tripolar de curent alternativ / Three-poles electromagnetic a.c. contactor	In=25A Un=400A Uc=230V f=50Hz	2	
9	S1.1,...,S1.15	Comutator cu came / Cam switch	Un=230V In=10kA f=50Hz	15	Comutatoarele cu came se vor monta in C.B. (cutie cu butoane) / Cam switches 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. (cutie cu butoane) / Cam switch will be installed in C.B.(box of buttons)
11	KA1	Intreupator crepuscular / Twilight switch	Un=230V In=10A E=2...80lx f=50Hz Tf=-25°C...+55°C	1	
12	B1	Celula fotoelectrică / Photoelectric cell	Tf=40°C...+70°C IP66	1	
13	-	Cutie / Box	IP30, Clasa I / Class I	1	

D					
C					
B					
A					
Indice Index	Data Date	Modificare/Revision 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.			
 CONSULTANT / CONSULTANT		 OBERMEYER PLANEN + BERATEN GmbH		 TECNIC Consulting Engineers	
Aprobat Approved	Sef proiect Project manager	R. Liuzza		Data Date	Semnătură Signature
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli		12.2011	
Verificat Checked	Expert Verificator Checking Expert	G. Fioravanti		12.2011	
 SUBCONTRACTANT / SUBCONTRACTOR		Responsabil Subcontractant Subcontractant Responsible Designer A.Stanciu - Dinulescu		12.2011	
Reabilitarea liniei de cale ferată Brașov - Simeria, parte componentă a coridorului IV Pan European, pentru circulația trenurilor cu viteza maximă de 160 km/h, Tronsoanel : Brașov - Sighișoara Rehabilitation of the railway line Brașov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Brașov - Sighișoara		Proiect/Project 2004/RO/16/PA/003 Faza / Phase: D.E. / E.D.			
Denumire desen / Drawing Title :					
Tablou electric T.I.E. - Stația Albești Târnava; Albești Tarnava station - T.I.E. electric board					
Codificare / Codification System		Scara / Scale		LOT / LOT	
E A 5 1 0 1 E		1 9 B X		I E 0 0 3 1 0 4 7 1	