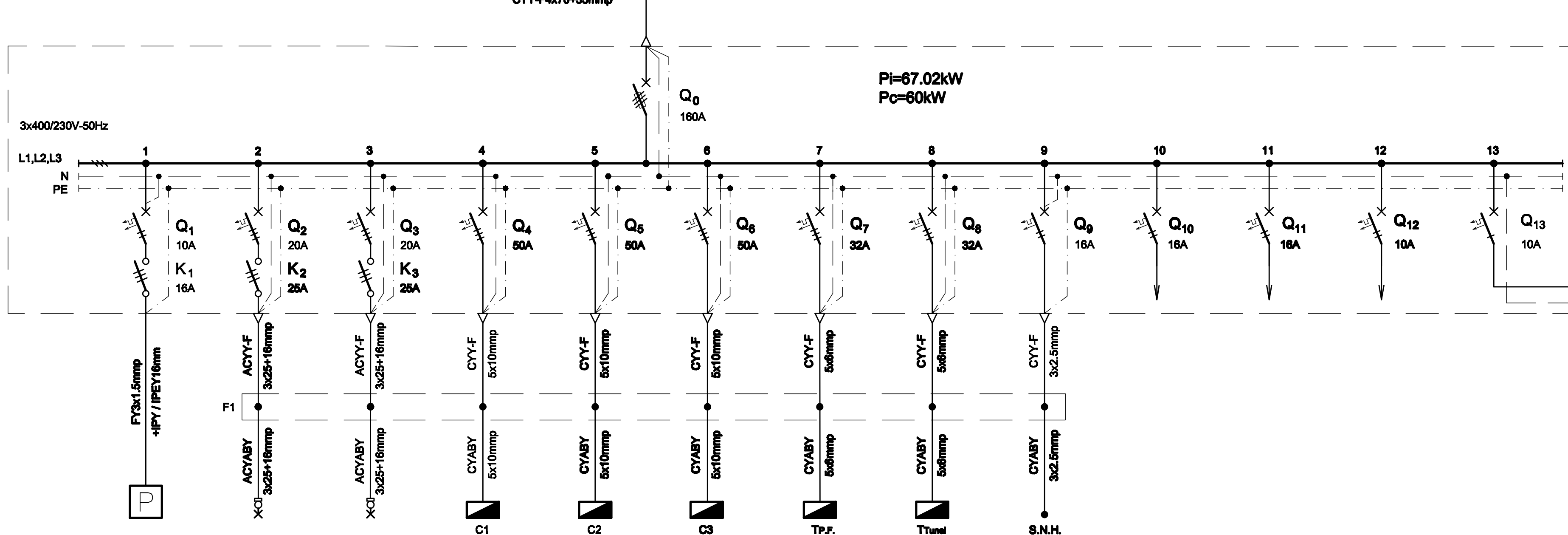
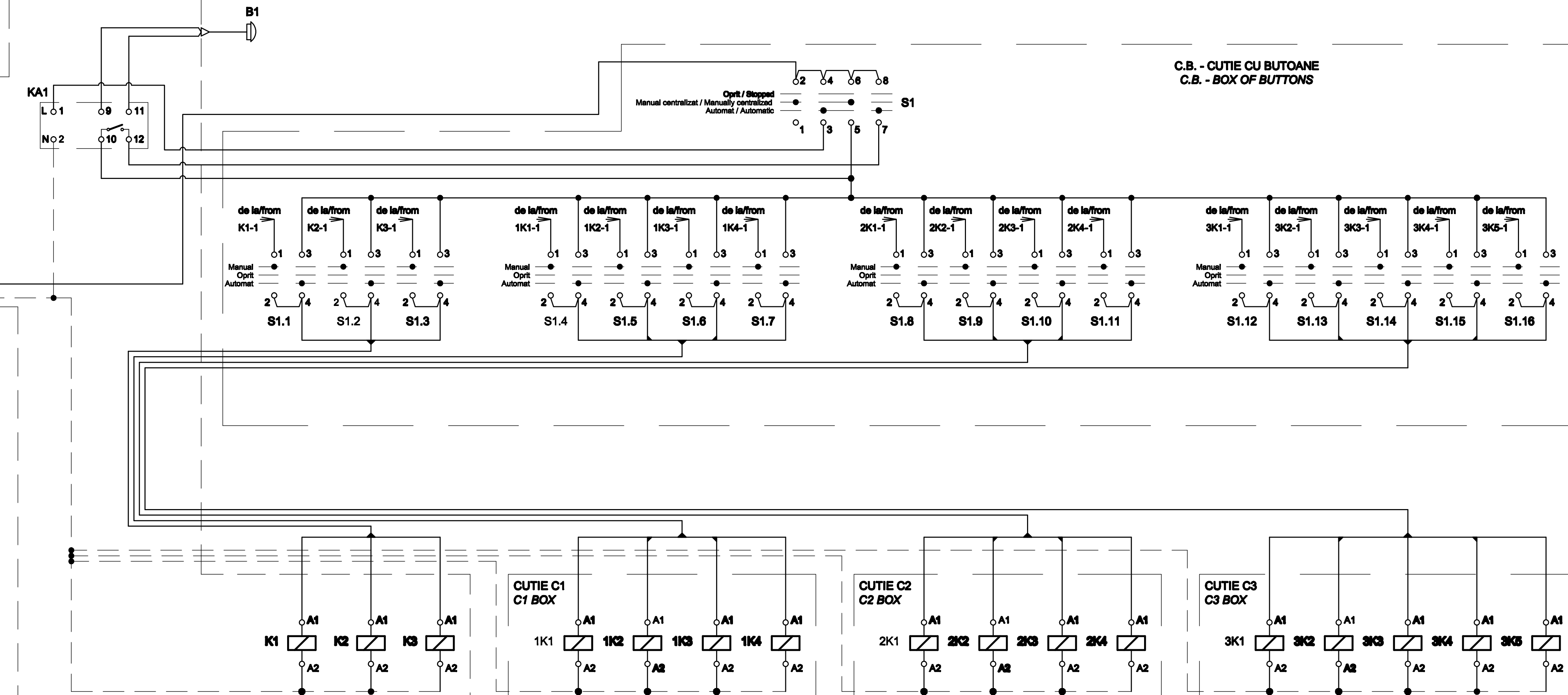


**TABLOU ELECTRIC T.I.E. - SCHEMA MONOFILARA**  
**T.I.E. ELECTRIC BOARD - SINGLE-WIRE DIAGRAM**



Nr. circuit Circuit number	1	2	3	4	5	6	7	8	9	10	11	12	13
PI [kW]	0.7	4.75	3.25	11.98	11.98	8.12	9.2	11.78	0.3	2	2	1	-
Destinație Destination	ILUMINAT FATADA GLADIARE STATION OF STATION BUILDING 10LL	ILUMINAT CAP X X HEAD LIGHTING 19LL	ILUMINAT CAP Y Y HEAD LIGHTING 13LL	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	PUT FORAT TABLOU ELECTRIC - T.P.F. DRILLED WELL ELECTRIC BOARD - T.P.F.	TUNEL PIETONAL TABLOU ELECTRIC - T.Tunnel PEDESTRIAN TUNNEL ELECTRIC BOARD - T.Tunnel	SEPARATOR DE NIMOL SI HIDROCARBURI MUD AND HYDROCARBON SEPARATOR	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.	Symbol	Denumirea aparatului Equipment denomination	Caracteristici tehnice Technical data	Buc. Pcs.	Observatii Remarks
1	Q0	Separator de sarcina tripolar cu fuzibil / Three-poles switch-disconnector with fusible	In=160A Un=400V Uimp=8kV f=50Hz Icm=2.2kA	1	
2	Q1	Întreupator automat bipolar, curba B / Two-poles circuit breaker, curve B	In=10A Un=230V Icu=6kA f=50Hz	1	
3	Q2,Q3	Întreupator automat tripolar, curba B / Three-poles circuit breaker, curve B	In=20A Un=400V Icu=6kA f=50Hz	2	
4	Q4,Q5,Q6	Întreupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=50A Un=400V Icu=6kA f=50Hz	3	
5	Q7,Q8	Întreupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=32A Un=400V Icu=6kA f=50Hz	2	
6	Q9,Q10,Q11	Întreupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=16A Un=230V Icu=6kA f=50Hz	3	
7	Q12	Întreupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=10A Un=230V Icu=6kA f=50Hz	1	
8	Q13	Întreupator automat monopolar, curba D / Single-pole circuit breaker, curve D	In=10A Un=230V f=50Hz Icu=6kA	1	
9	K1	Contacteur electromagnetic tripolar de curent alternativ / Three-poles electromagnetic a.c. contactor	In=16A Un=400A Uc=230V f=50Hz	1	
10	K2,K3	Contacteur electromagnetic tripolar de curent alternativ / Three-poles electromagnetic a.c. contactor	In=25A Un=400A Uc=230V f=50Hz	2	
11	S1.1,...,S1.16	Comutator cu came / Cam switch	Un=230V In=10kA f=50Hz	16	Comutatoarele cu came se vor monta in C.B. (cutia cu butoane) Cam switches will be installed in C.B.(box of buttons)
12	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)
13	KA1	Întreupator crepuscular / Twilight switch	Un=230V In=10A E=2...60k f=50Hz Tf=-25°C...+55°C	1	
14	B1	Celula fotoelectrică / Photoelectric cell	Tf=-40°C...+70°C IP66	1	
15	-	Cutie / Box	IP30, Class I / Class I	1	

D					
C					
B					
A					
Indice Index	Data Date	Modificari 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		GRUPA FEROVIEI ITALIANO Joint Venture leader			
SCOTT WILSON		OBERMEYER PLANEN + BERATEN GmbH		TECNIC Consulting Engineers	
Aprobat Approved	Responsabil Subcontractant Subcontractant Responsible	A.Stanciu - Dinulescu		12.2011	
Intocmit 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, Rehailitation 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		Project/Project 2004/RO/16/PA/003 Faza / Phase: D.E. / E.D.			
Denumire desen / Drawing Title : Tablou electric T.I.E. - Stația Arhita; Archita station - T.I.E. electric board					
Codificare / Codification System		Scara / Scale		LOT / LOT	Nr. / No 01 / 01
E	A	5	1	0	1
E		1	5	B	X
I	E	0	0	3	1
0	4	7	1		