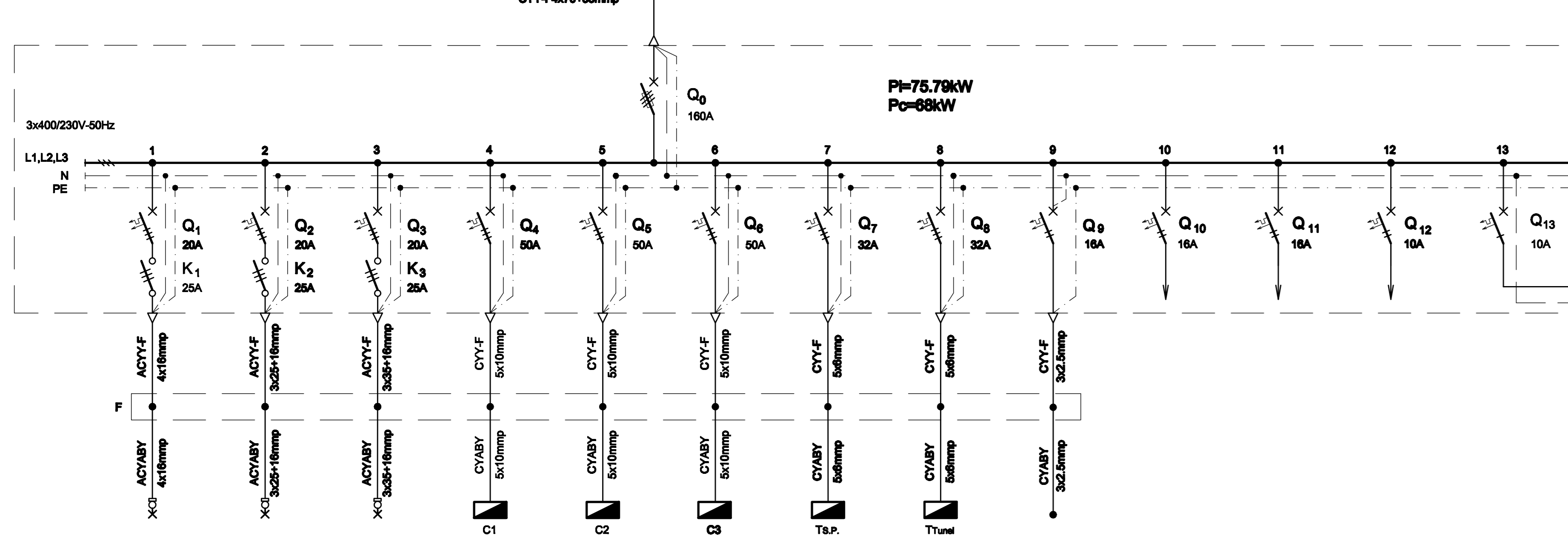
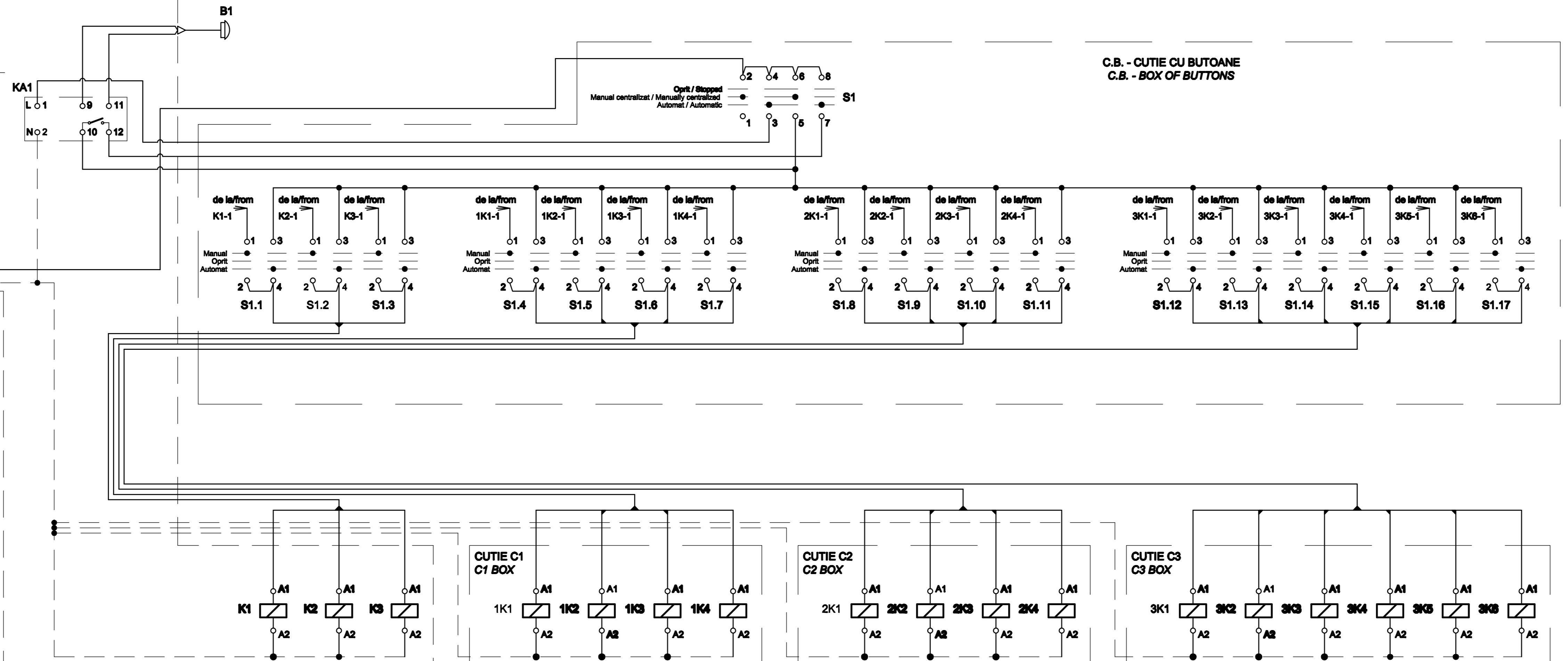


TABLOU ELECTRIC T.I.E. - SCHEMA MONOFILARA
T.I.E. ELECTRIC BOARD - SINGLE WIRE DIAGRAM



Nr. circuit Circuit number	1	2	3	4	5	6	7	8	9	10	11	12	13
Pi [kW]	3	4.25	6.25	11.96	11.96	8.57	12.8	11.78	0.3	2	2	1	-
Destinatia Destination	ILUMINAT CAP X X HEAD LIGHTING 12LL / Lampe	ILUMINAT CAP X X HEAD LIGHTING 11LL / Lampe	ILUMINAT CAP Y Y HEAD LIGHTING 26LL / Lampe	CUTE ETANSA PENTRU COPERTINA - C1 SEALED BOX FOR CANOPY - C1	CUTE ETANSA PENTRU COPERTINA - C2 SEALED BOX FOR CANOPY - C2	CUTE ETANSA PENTRU COPERTINA - C3 SEALED BOX FOR CANOPY - C3	STATION POMPARE TABLOU ELECTRIC - T.s.p. PUMPING STATION ELECTRIC BOARD - T.s.p.	TUNEL PIETONAL TABLOU ELECTRIC - T.tunel PEDESTRIAN TUNNEL ELECTRIC BOARD - T.tunel	SEPARATOR DE NIKOL SI HIDROCARBURI MID 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.	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=160A Un=400V Uimp=8kV f=50Hz Icm=2.2kA	1	
2	Q1,Q2,Q3	Intrerupator automat tripolar, curba B Three-poles circuit breaker, curve B	In=20A Un=400V Icu=6kA f=50Hz	3	
	Q4,Q5,Q6	Intrerupator automat tripolar, curba C Three-poles circuit breaker, curve C	In=50A Un=400V Icu=6kA f=50Hz	3	
3	Q7,Q8	Intrerupator automat tripolar, curba C Three-poles circuit breaker, curve C	In=32A Un=400V Icu=6kA f=50Hz	2	
4	Q9,Q10,Q11	Intrerupator automat bipolar, curba C Two-poles circuit breaker, curve C	In=16A Un=230V Icu=6kA f=50Hz	3	
5	Q12	Intrerupator automat bipolar, curba C Two-poles circuit breaker, curve C	In=10A Un=230V Icu=6kA f=50Hz	1	
6	Q13	Intrerupator automat monopolar, curba D / Single-pole circuit breaker, curve D	In=10A Un=230V f=50Hz Icu=6kA	1	
7	K1,K2,K3	Contactori electromagnetici tripolari de curent alternativ / Three-poles electromagnetic a.c. contactor	In=25A Un=400A Uc=230V f=50Hz	3	
8	S1.1,...,S1.17	Comutatoare cu came Cam switch	Un=230V In=10kA f=50Hz	17	Comutatoarele cu came se vor monta in C.B. (cutie cu butoane) Cam switches will be installed in C.B.(box of buttons)
9	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)
10	KA1	Intrerupator crepuscular Twilight switch	Un=230V In=10A E=2...60x f=50Hz Tf=-25°C...+55°C	1	
11	B1	Celula fotoelectrica Photoelectric cell	Tf=-40°C...+70°C IP68	1	
12	-	Cutie / Box	IP54, Clasa I / Class I	1	

D																		
C																		
B																		
A																		
Indice Index	Data Date	Modificari Modification/Revision	Proiectant Designer	Probat Consultat Approved Consultant	Probat CFR Approved CFR													
GUVERNUL ROMANIEI ROMANIAN GOVERNMENT		PROIECT FINANATAT DE UNIUNEA EUROPEAN A EUROPEAN UNION FINANCED PROJECT																
CLIENT / CLIENT		C.N.C.F. "C.F.R." - S.A.																
CONSULTANT / CONSULTANT		GRUPPO FERROVIE DELLO STATO Joint Venture leader OBERMEYER PLANEN + BERATEN GmbH TECNIC Consulting Engineers		Date Date Semnatura Signature														
Probat Approved	Responsible Project manager	R. Liuzza		12.2011														
Probat Approved	Coordonator Section 1 Coordinator	C. Gambelli		12.2011														
Verificat Checked	Expert Vericator Checking Expert	G. Fioravanti		12.2011														
SUBCONTRACTANT / SUBCONTRACTOR		Responsabil Subcontractant Subcontractant Responsible A. Stanciu - Dinulescu		12.2011														
Reabilitarea liniei de cale ferata Brasov - Simeria, parte component a a coridorului IV Pan European, pentru circulatia trenurilor cu viteza maxima de 160 km/h, Tronsoanel : Brasov - Sighisoara Rehabilitation of the railway line Brasov - Simeria, component Part of the IV Pan-European Corridor, for the trains circulation with maximum speed of 160 km/h, Section : Brasov - Sighisoara		Proiectant Designer D. Matei		12.2011														
Denumire desen / Drawing Title : Tablou electric T.I.E. - Stația Feldioara; Feldioara station - T.I.E. electric board																		
Codificare / Codification System		Scara / Scale		LOT / LOT	Nr. / No 01 / 01													
E	A	5	1	E	0	7	B	X	I	E	0	0	3	1	0	4	7	1