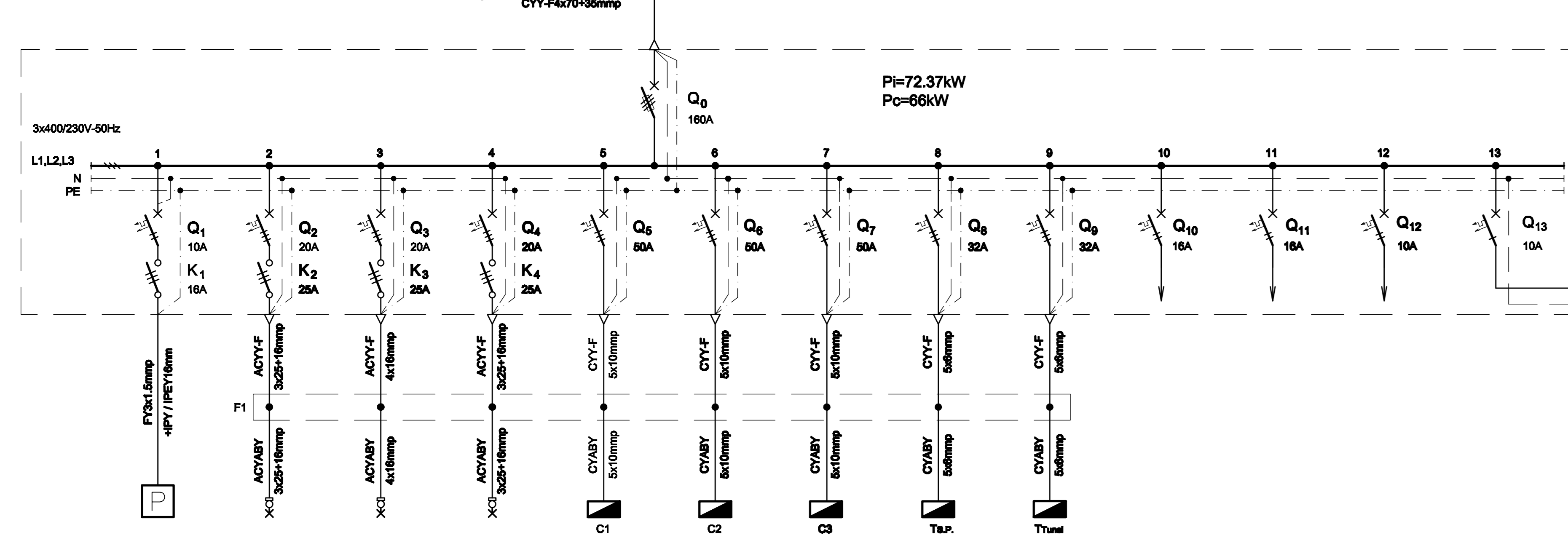
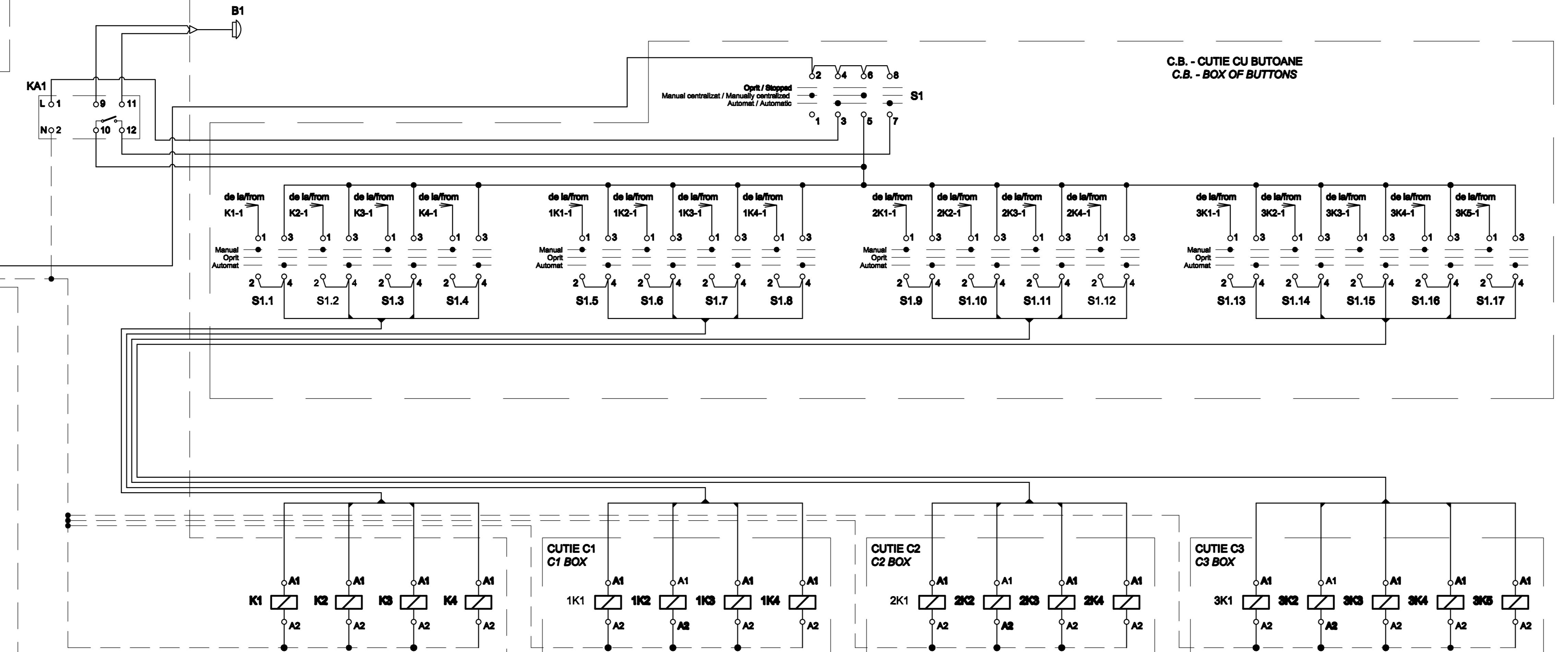


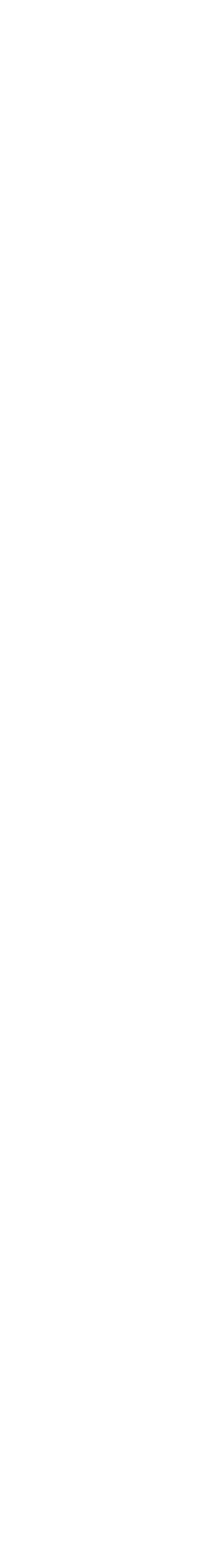
**TABLOU ELECTRIC T.I.E. - SCHEMA MONOFILARA**  
**T.I.E. ELECTRIC BOARD - SINGLE-WIRE DIAGRAM**



Nr. circuit Circuit number	1	2	3	4	5	6	7	8	9	10	11	12	13
PI [kW]	0.7	4.25	3.25	3.75	11.75	11.75	7.52	12.8	11.58	2	2	1	-
Destinația Destination	ILUMINAT FATADA CLADIRE STATION FAÇADE LIGHTING OF STATION BUILDING 10LL	ILUMINAT CAP X X HEAD LIGHTING 17LL	ILUMINAT CAP X X HEAD LIGHTING 13LL	ILUMINAT CAP Y Y HEAD LIGHTING 18LL	CUTIE ETANȘA PENTRU COPERTINA - C1 SEALED BOX FOR CANOPY - C1	CUTIE ETANȘA PENTRU COPERTINA - C2 SEALED BOX FOR CANOPY - C2	CUTIE ETANȘA PENTRU COPERTINA - C3 SEALED BOX FOR CANOPY - C3	STATION POMPARE TABLOU ELECTRIC - T s.p. RAILWAY STATION ELECTRIC BOARD - T s.p.	TUNEL PIETONAL TABLOU ELECTRIC - T tunnel PEDESTRIAN TUNNEL ELECTRIC BOARD - T tunnel	REZERVA MONOFAZATA SINGLE-PHASE RESERVE	REZERVA MONOFAZATA SINGLE-PHASE RESERVE	REZERVA MONOFAZATA SINGLE-PHASE RESERVE	CIRCUIT COMANDA ILUMINAT EXTERIOR COMMAND CIRCUIT OUTDOOR LIGHTING



**C.B. - CUTIE CU BUTOANE**  
**C.B. - BOX OF BUTTONS**



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

Nr. No.	Simbol Symbol	Denumirea aparaturii Equipment denomination	Caracteristici tehnice Technical data	Buc. Pcs.	Observatii Remarks
0	1				
1	Q0	Separator de sarcina tripolar cu fuzibil / Three-poles switch-disconnector with fuse	In=160A Un=400V Uimp=8kV f=50Hz Icm=2.2kA	1	
2	Q1	Intrenepator automat bipolar, curba B / Two-poles circuit breaker, curve B	In=10A Un=230V Icu=6kA f=50Hz	1	
3	Q2,Q3,Q4	Intrenepator automat tripolar, curba B / Three-poles circuit breaker, curve B	In=400V Icu=6kA f=50Hz	3	
4	Q5,Q6,Q7	Intrenepator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=50A Un=400V Icu=6kA f=50Hz	3	
5	Q8,Q9	Intrenepator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=32A Un=400V Icu=6kA f=50Hz	2	
6	Q10,Q11	Intrenepator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=16A Un=230V Icu=6kA f=50Hz	2	
7	Q12	Intrenepator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=10A Un=230V Icu=6kA f=50Hz	1	
8	Q13	Intrenepator automat monopolar, curba D / Single-pole circuit breaker, curve D	In=10A Un=230V f=50Hz Icu=6kA	1	
9	K1	Contactor electromagnetic tripolar de curent alternativ / Three-poles electromagnetic a.c. contactor	In=10A Un=400V Uc=230V f=50Hz	1	
10	K2,K3,K4	Contactor electromagnetic tripolar de curent alternativ / Three-poles electromagnetic a.c. contactor	In=25A Un=400V Uc=230V f=50Hz	3	
11	S1.1,...,S1.17	Comutator 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)
12	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)
13	KA1	Intrenepator crepuscular / Twilight switch	Un=230V In=10A E=2...60lx f=50Hz Tf=25°C...+55°C	1	
14	B1	Celula fotoelectrica / 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	Modificarea Modification/Revision	Proiectant Designer	Aprobat Consultant Approved Consultant	Aprobat CFR Approved CFR
		PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT			
		C.N.C.F. "C.F.R." - S.A.			
		CONSULTANT / CONSULTANT			
Aprobat Approved	Șef 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		A. Stanciu - Dinulescu	12.2011
Reabilitarea liniei de cale ferata Brașov - Simeria, parte componentă a coridorului IV Pan-European, pentru circulația trenurilor cu viteză maximă de 160 km/h, 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, Tronsoanel : Brașov - Sighișoara Section : Brașov - Sighișoara		Proiectant Designer		D. Matei	12.2011
Denumire desen / Drawing Title :		Tablou electric T.I.E. - Stația Apața; Apata 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 9 B X I E 0 0 3 1 0 4 7 1	