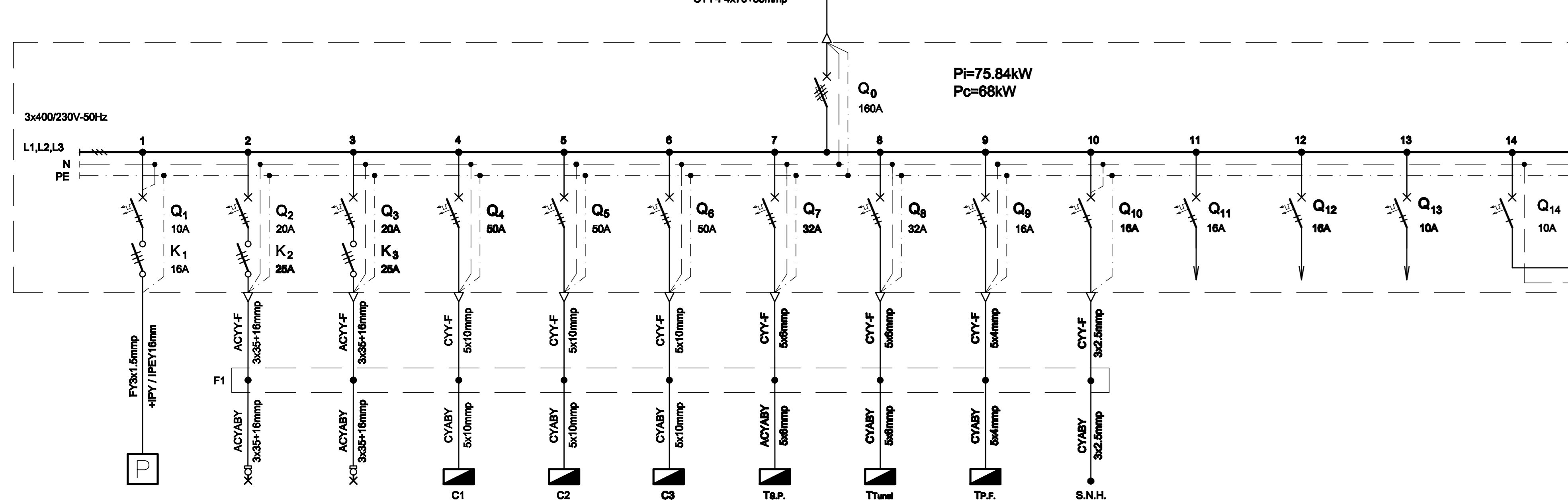
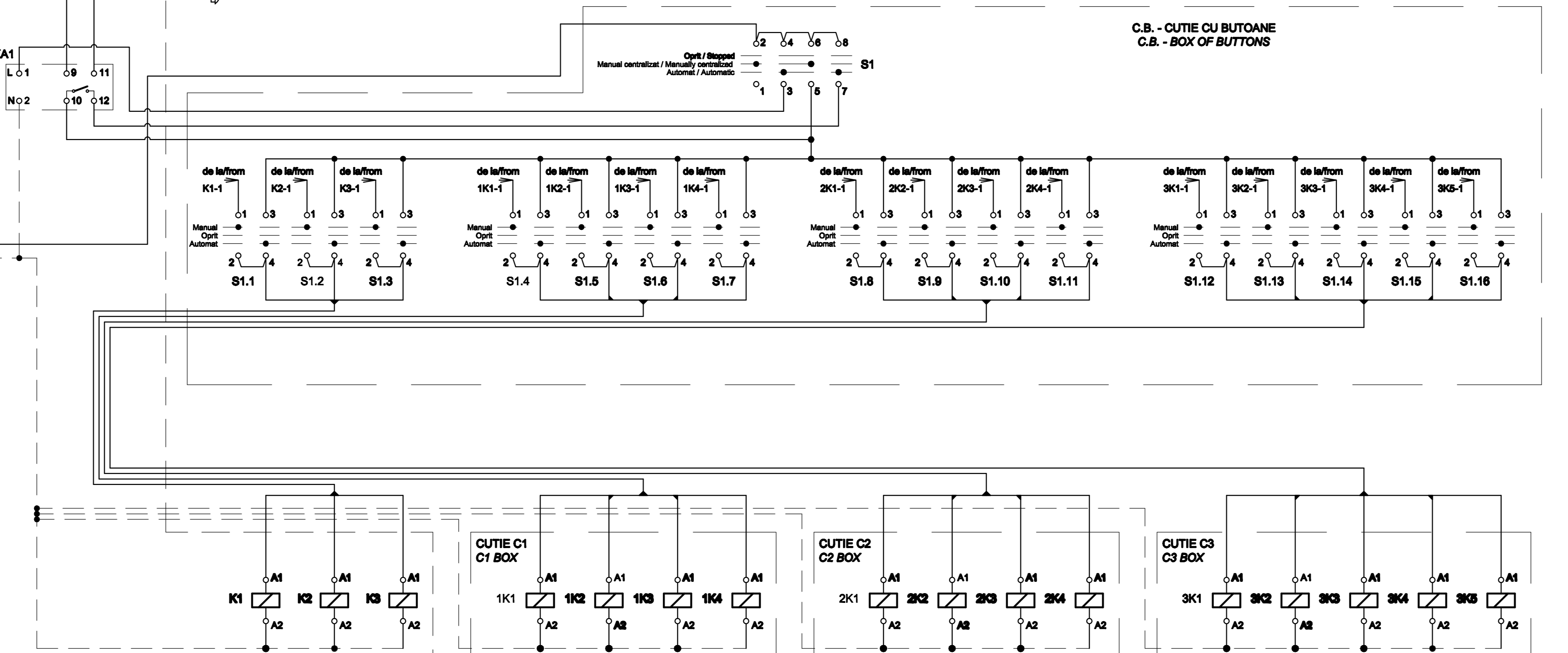


TABLOU ELECTRIC T.I.E. - SCHEMA MONOFILARA
T.I.E. ELECTRIC BOARD - SINGLE-WIRE DIAGRAM



Nr. circuit Circuit number	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Pi [kW]	0.7	5.5	5.75	11.96	11.96	7.89	12.8	11.78	2.2	0.3	2	2	1	-
Destinația Destination	ILUMINAT FATADA CLADIRE STATION FAÇADE LIGHTING OF STATION BUILDING 10LL	ILUMINAT CAP X X HEAD LIGHTING ZLL	ILUMINAT CAP Y Y HEAD LIGHTING ZLL	CUTIE ETANSA PENTRU COPERȚINA - C1 SEALED BOX FOR CANOPY - C1	CUTIE ETANSA PENTRU COPERȚINA - C2 SEALED BOX FOR CANOPY - C2	CUTIE ETANSA PENTRU COPERȚINA - 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.T PEDESTRIAN TUNNEL ELECTRIC BOARD - T.T	PUIT FORAT TABLOU ELECTRIC - T.P.F. DRILLED WELL ELECTRIC BOARD - T.P.F.	SEPARATOR DE NAMOL SI HIDROCARBURI MUD AND HYDROCARBON SEPARATOR	REZERVA MONOFAZATA SINGLE-PHASE RESERVE	REZERVA MONOFAZATA SINGLE-PHASE RESERVE	REZERVA MONOFAZATA SINGLE-PHASE RESERVE	CIRCUIT COMANDA ILLUMINAT EXTERIOR COMMAND CIRCUIT OUTDOOR LIGHTING



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

Nr. No.	Symbol	Denumirea aparatului Equipment denomination	Caracteristici tehnice Technical data	Buc. Pos.	Observatii Remarks
0	1			4	
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	Intrerupator automat bipolar, curba B / Two-poles circuit breaker, curve B	In=10A Un=230V Icu=6kA f=50Hz	1	
3	Q2,Q3	Intrerupator automat tripolar, curba B / Three-poles circuit breaker, curve B	In=400V Icu=6kA f=50Hz	2	
4	Q7,Q8	Intrerupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=400V Icu=6kA f=50Hz	2	
5	Q9	Intrerupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=18A Un=400V Icu=6kA f=50Hz	1	
6	Q4,Q5,Q6	Intrerupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=50A Un=400V Icu=6kA f=50Hz	3	
7	Q10,Q11,Q12	Intrerupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=18A Un=230V Icu=6kA f=50Hz	3	
8	Q13	Intrerupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=10A Un=230V Icu=6kA f=50Hz	1	
9	Q14	Intrerupator automat monopolar, curba D / Single-pole circuit breaker, curve D	In=10A Un=230V f=50Hz Icu=6kA	1	
10	K1	Contactator electromagnetic tripolar de curent alternativ / Three-poles electromagnetic a.c. contactor	In=18A Un=400A Uc=230V f=50Hz	1	
11	K2,K3	Contactator electromagnetic tripolar de curent alternativ / Three-poles electromagnetic a.c. contactor	In=25A Un=400A Uc=230V f=50Hz	2	
12	KA1	Intrerupator crepuscular / Twilight switch	Un=230V; In=10A E=2...80k; f=50Hz Tf=25°C...+55°C	1	
13	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)
14	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)
15	B1	Cellula fotoelectrică / Photoelectric cell	Tf=40°C...+70°C; IP66	1	
16	-	Cutie / Box	IP30, Class I / Class I	1	

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

D					
C					
B					
A					
Indice	Data	Modificarea	Proiectant	Aprobat Consultant	Aprobat CFR
Index	Date	Modification/Revision	Designer	Approved Consultant	Approved CFR
		PROIECT FINANȚAT DE UNIUNEA EUROPEANĂ EUROPEAN UNION FINANCED PROJECT			
		C.N.C.F. "C.F.R." - S.A.			
CLIENT / CLIENT					
CONSULTANT / CONSULTANT		Data Date		Semnătură Signature	
Aprobat	Responsabil proiect	R. Liuzza		12.2011	
Approved	Project manager	C. Gambelli		12.2011	
Aprobat	Coordonator Secțiune 1	G. Fioravanti		12.2011	
Approved	Section 1 Coordinator				
Verificat	Expert Verificator				
Checked	Checking Expert				
SUBCONTRACTANT / SUBCONTRACTOR		Data Date		Semnătură Signature	
Aprobat	Responsabil Subcontractant	A. Stanciu - Dinulescu		12.2011	
Approved	Subcontractant Responsible	D. Matei		12.2011	
Elaborat	Designer				
Reabilitarea liniei de cale ferată Brașov - Simeria, parte componentă a a coridorului IV Pan European, pentru circulația trenurilor cu viteză maximă de 160 km/h, Transonul : 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					
Denumire desen / Drawing Title :		Tablou electric T.I.E. - Stația Căța; Cata station - T.I.E. electric board			
Codificare / Codification System		Scara / Scale		LOT / LOT	
E A 5 1 0 1 E 1 3 B X I E 0 0 3 1 0 4 7 1					