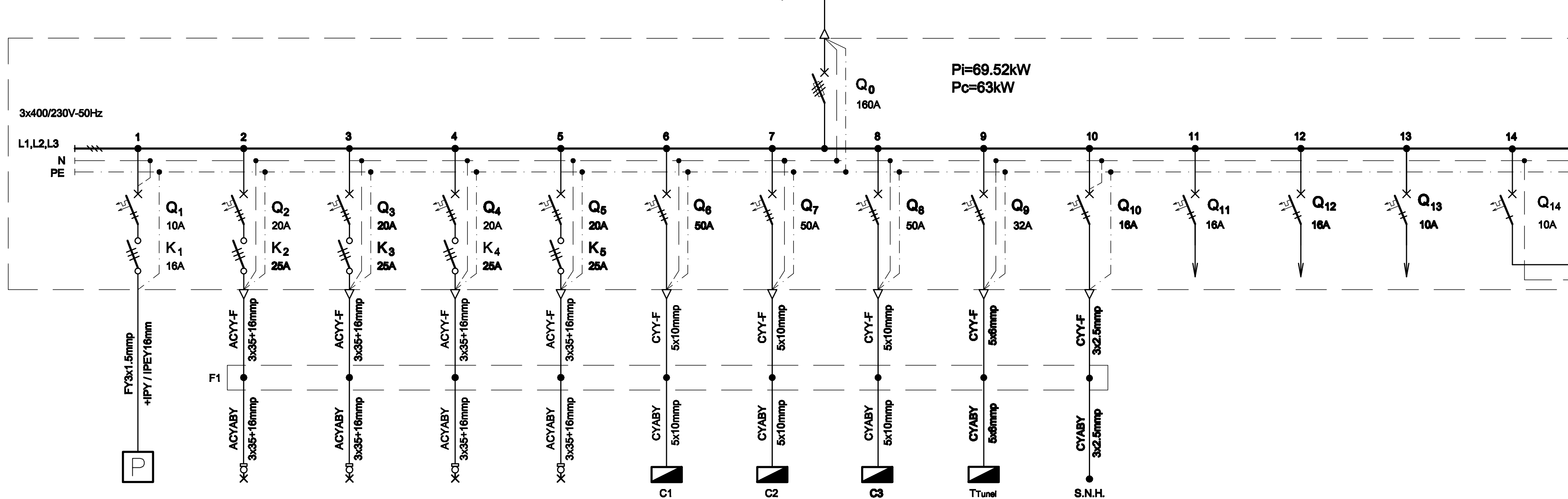
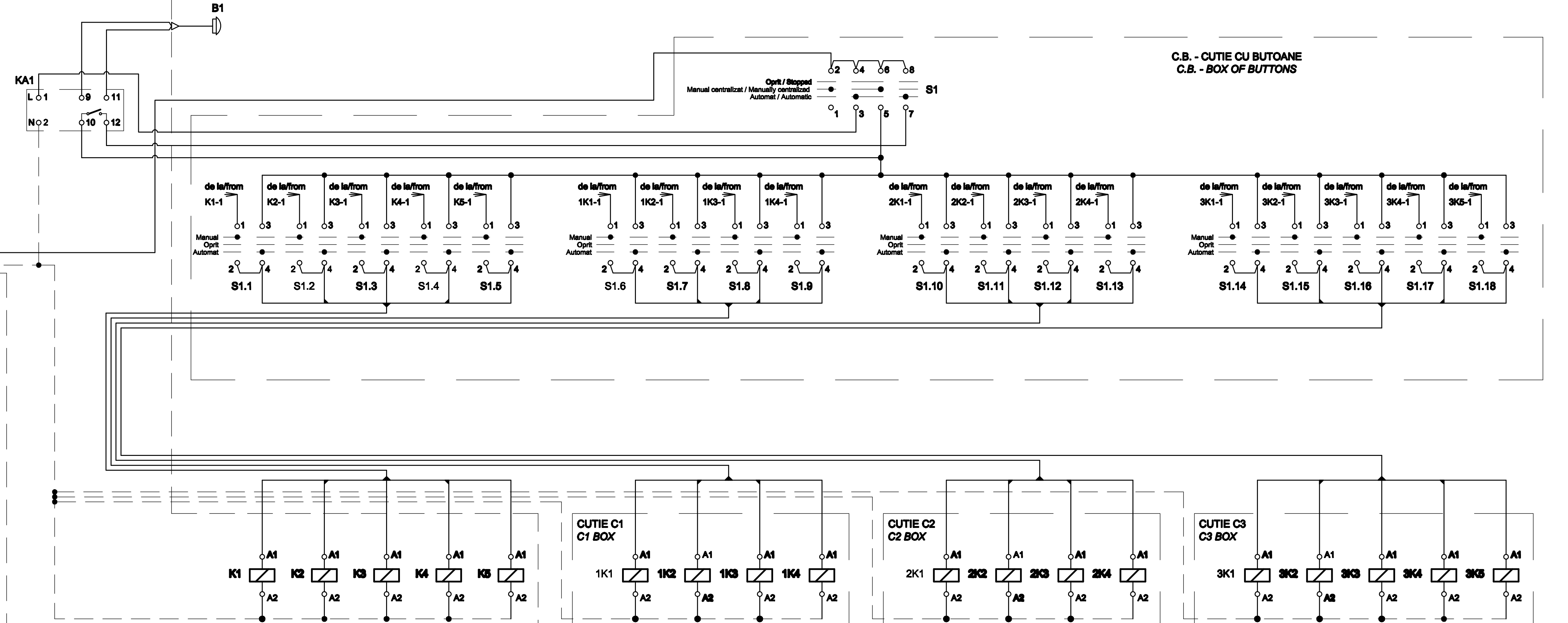


TABLOU ELECTRIC T.I.E. - SCHEMA MONOFILARA
T.I.E. ELECTRIC BOARD - SINGLE-WIRE DIAGRAM



Nr. circuit Circuit number	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Pi [kW]	0.63	5	6.75	3.5	4.75	11.96	11.96	7.89	11.78	0.3	2	2	1	-
Destinatia Destination	ILUMINAT FATADA CLADIRE STATION FACADE LIGHTING OF STATION BUILDING	ILUMINAT CAP X X HEAD LIGHTING	ILUMINAT CAP X X HEAD LIGHTING	ILUMINAT CAP Y Y HEAD LIGHTING	ILUMINAT CAP Y Y HEAD LIGHTING	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 PERITONAL TABLOU ELECTRIC - T PRESIZATIA TUNEL ELECTRIC BOARD - T	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



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
0	1			4	
1	Q0	Separator de sarcina tripolar cu fuzibili / 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,Q4,Q5	Intrerupator automat tripolar, curba B / Three-poles circuit breaker, curve B	In=20A Un=400V Icu=6kA f=50Hz	4	
4	Q6	Intrerupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=32A Un=400V Icu=6kA f=50Hz	1	
5	Q6,Q7,Q8	Intrerupator automat tripolar, curba C / Three-poles circuit breaker, curve C	In=50A Un=400V Icu=6kA f=50Hz	3	
6	Q10,Q11,Q12	Intrerupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=16A Un=230V Icu=6kA f=50Hz	3	
7	Q13	Intrerupator automat bipolar, curba C / Two-poles circuit breaker, curve C	In=10A Un=230V Icu=6kA f=50Hz	1	
8	Q14	Intrerupator 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=16A Un=400A Uc=230V f=50Hz	1	
10	K2,K3,K4,K5	Contactor electromagnetic tripolar de curent alternativ / Three-poles electromagnetic a.c. contactor	In=25A Un=400A Uc=230V f=50Hz	4	
11	KA1	Intrerupator crepuscular / Twilight switch	Un=230V; In=10A E=2...60lx; f=50Hz Tf=25°C...+55°C	1	
12	S1.1,...,S1.18	Comutator cu came / Cam switch	Un=230V In=10kA f=50Hz	18	Comutatoarele cu came se vor monta in C.B. (cutie cu butoane) Cam switches will be installed in C.B. (box of buttons)
13	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)
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	Data	Modificarea	Proiectant	Aprobat Consultant	Aprobat CFR
Index	Date	Modification/Revision	Designer	Approved Consultant	Approved CFR
		PROIECT FINANATAT DE UNIUNEA EUROPEAN A EUROPEAN UNION FINANCED PROJECT			
		C.N.C.F. "C.F.R." - S.A.			
CLIENT / CLIENT					
CONSULTANT / CONSULTANT		Date Date		Semnatura Signature	
Aprobat Approved	Proiectant Designer	R. Liuzza	12.2011		
Aprobat Approved	Coordonator Section 1 Coordinator	C. Gambelli	12.2011		
Verificat Checked	Expert Verificator Checking Expert	G. Fioravanti	12.2011		
SUBCONTRACTANT / SUBCONTRACTOR		Date Date		Semnatura Signature	
Aprobat Approved	Responsabil Subcontractant Subcontractant Responsible	A. Stanciu - Dinulescu	12.2011		
Inlocuit Elaborated	Proiectant Designer	D. Matei	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					
Denumire desen / Drawing Title :					
Tablou electric T.I.E. - Stația Racoș; Racos station - T.I.E. electric board					
Codificare / Codification System		Scara / Scale		Nr. / No	
LOT / LOT		01 / 01		1	
E A 5 1 0 1 E 1 1 B X I E 0 0 3 1 0 4 7 1					