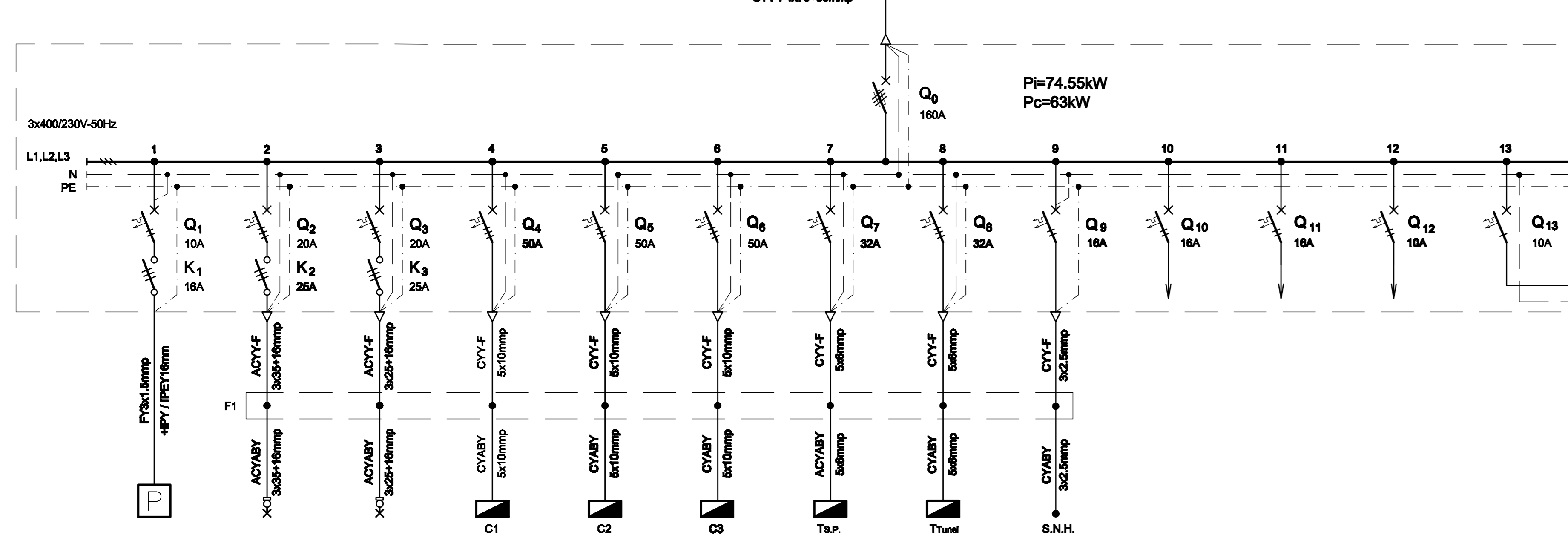
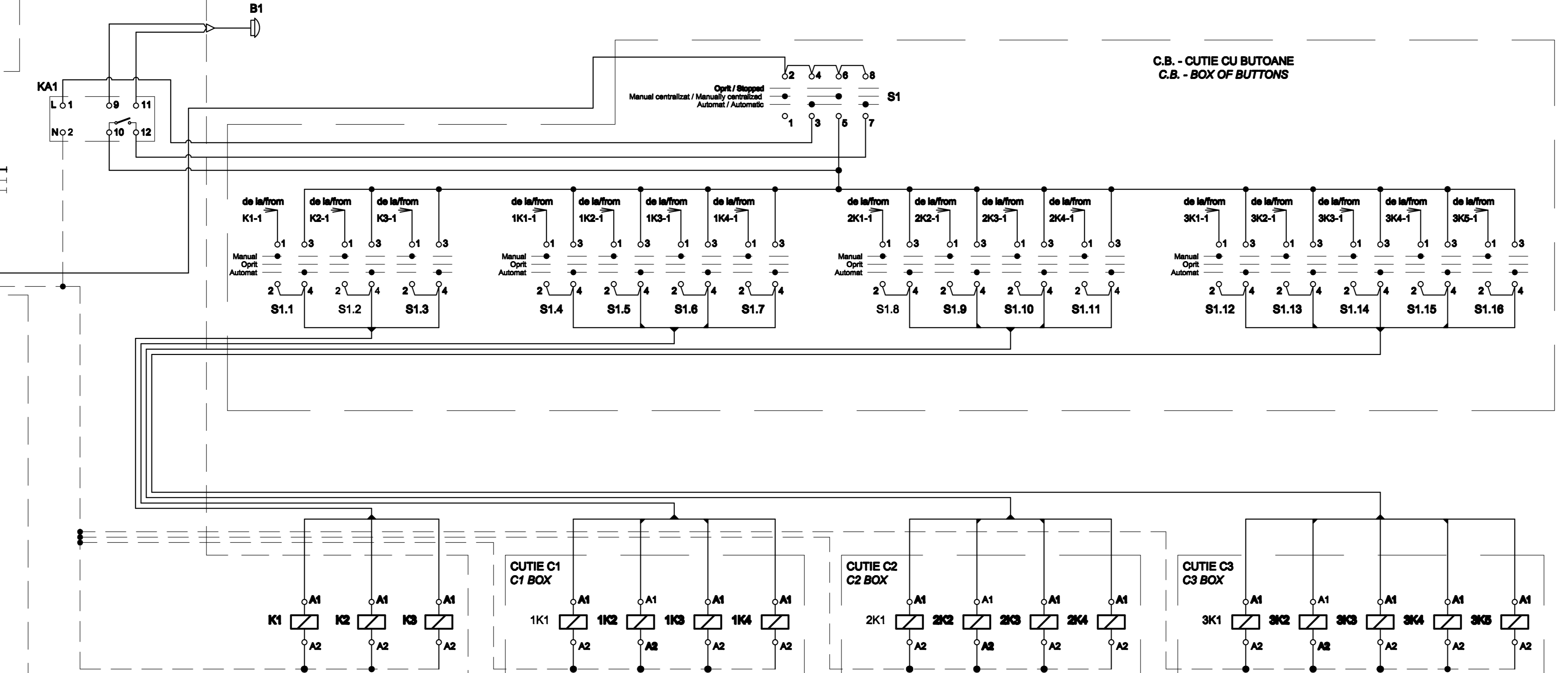


TABLOU ELECTRIC T.I.E. - SCHEMA MONOFILARA
T.I.E. ELECTRIC BOARD - SINGLE-WIRE DIAGRAM



Nr. circuit Circuit number	1	2	3	4	5	6	7	8	9	10	11	12	13
Pi [kW]	0.7	6	5.75	11.96	11.96	8.3	12.8	11.78	0.3	2	2	1	-
Destinație Destination	ILUMINAT FATADA CLADIRE STATION FACADE LIGHTING OF STATION BUILDING	ILUMINAT CAP X X HEAD LIGHTING	ILUMINAT CAP Y Y HEAD LIGHTING	CUTIE ETANSA PENITRU COPERTINA - C1 SEALED BOX FOR CANOPY - C1	CUTIE ETANSA PENITRU COPERTINA - C2 SEALED BOX FOR CANOPY - C2	CUTIE ETANSA PENITRU COPERTINA - C3 SEALED BOX FOR CANOPY - C3	STATION POMPARE TABLOU ELECTRIC - T & P. PUMPING STATION ELECTRIC BOARD - T & P.	TUNEL PEIETONAL TABLOU ELECTRIC - T Tunnel PEDESTRIAN TUNNEL ELECTRIC BOARD - T Tunnel	SEPARATOR DE NAPOL 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. Pos.	Observatii Remarks
0	1			4	5
1	Q0	Separator de sarcina tripolar cu fuzibil / Three-poles switch-disconnector with fusible	In=180A Un=400V Uimp=8kV f=50Hz Iom=2.2kA	1	
2	Q1	Intreputor automat bipolar, curba B / Two-poles circuit breaker, curve B	In=10A Un=230V Icu=6kA f=50Hz	1	
3	Q2,Q3	Intreputor automat tripolar, curba B / Three-poles circuit breaker, curve B	In=20A Un=400V Icu=6kA f=50Hz	2	
4	Q7,Q8	Intreputor automat tripolar, curba C / Three-poles circuit breaker, curve C	In=32A Un=400V Icu=6kA f=50Hz	2	
5	Q4,Q5,Q6	Intreputor automat tripolar, curba C / Three-poles circuit breaker, curve C	In=50A Un=400V Icu=6kA f=50Hz	3	
6	Q9,Q10,Q11	Intreputor automat bipolar, curba C / Two-poles circuit breaker, curve C	In=16A Un=230V Icu=6kA f=50Hz	3	
7	Q12	Intreputor automat bipolar, curba C / Two-poles circuit breaker, curve C	In=10A Un=230V Icu=6kA f=50Hz	1	
8	Q13	Intreputor 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	Contactor 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. (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	Intreputor crepuscular Twilight switch	Un=230Vca In=10A E=2...60lx f=50Hz Tf=-25°C...+55°C	1	
14	B1	Celula fotoelectrică Photoelectric cell	Tf=-40°C...+70°C IP68	1	
15	-	Cutie / Box	IP30, Clasa I / Class I	1	

D					
C					
B					
A					
Index	Date	Modificare 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.	
GRUPUL FERROVIAR DELTA STATO Joint Venture leader		PLANEN + BERATEN GmbH		TECNIC Consulting Engineers	
CONSULTANT / CONSULTANT					
Aprobat Approved	Responsabil Proiectant Project manager	R. Liuzza	12.2011	Data Date Semnătură Signature	
Aprobat Approved	Coordonator Secțiune 1 Section 1 Coordinator	C. Gambelli	12.2011		
Verificat Checked	Expert Verificator Expert Verifier	G. Fioravanti	12.2011		
SUBCONTRACTANT / SUBCONTRACTOR					
Aprobat Approved	Responsabil Subcontractant Subcontractant Responsible	A.Stanciu - Dinulescu	12.2011		
Intocmit Elaborated	Proiectant Designer	D. Matei	12.2011		
Reabilitarea liniei de cale ferată Braşov - Simeria, parte componentă a a coridorului IV Pan European, pentru circulația trenurilor cu viteză maximă de 160 km/h, Tronsoanel: Braşov - Sighişoara Rehabilitation 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					
Denumire desen / Drawing Title : Tablou electric T.I.E. - Stația Bod; Bod 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 5	B X	I E 0 0 2 1 0 4 7 1