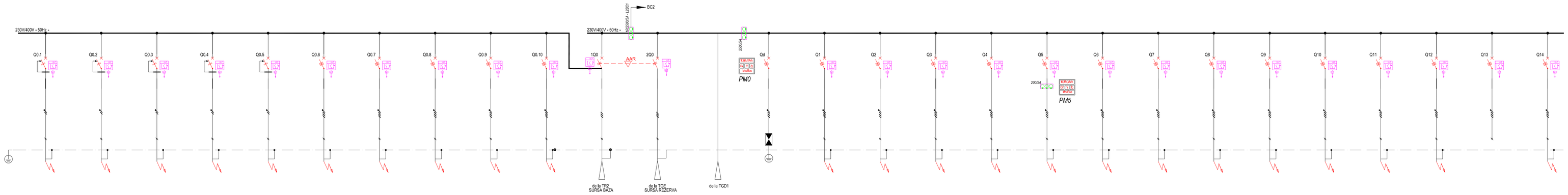
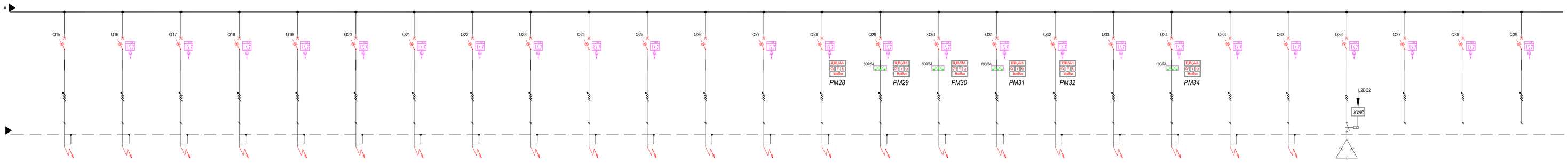
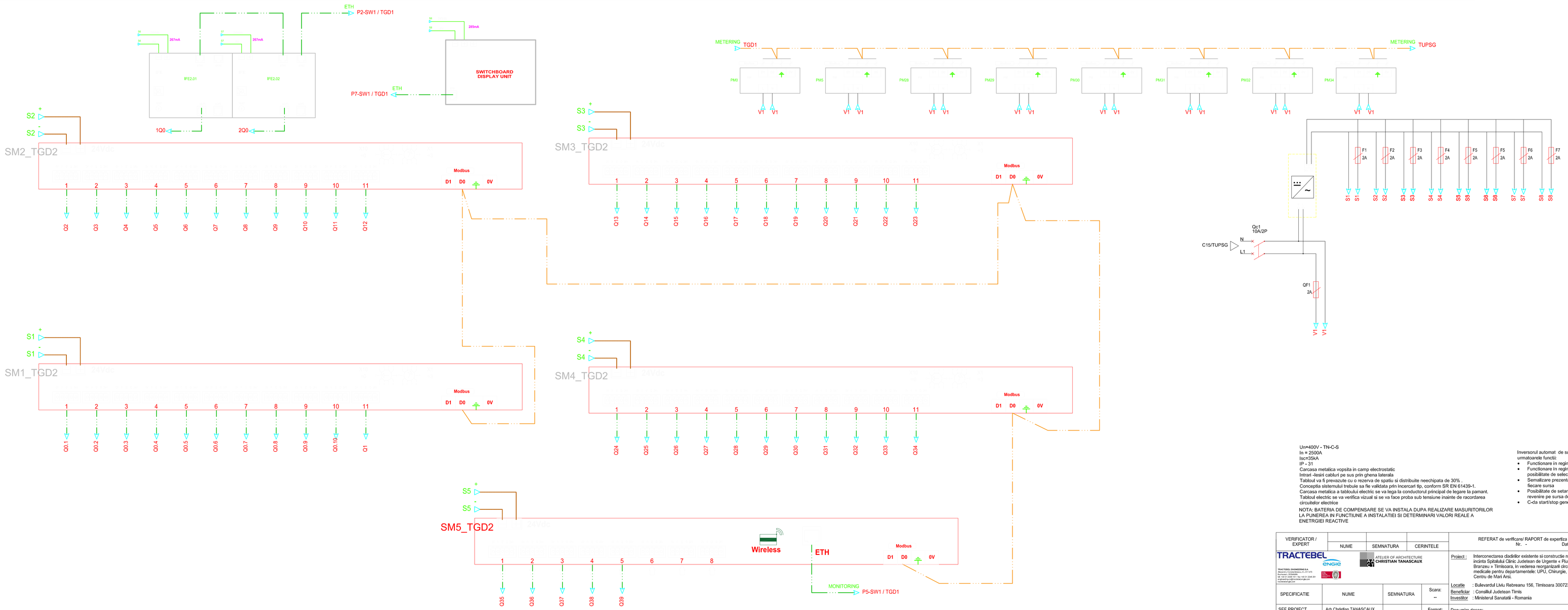


Circuit	C0.1	C0.2	C0.3	C0.4	C0.5	C0.6	C0.7	C0.8	C0.9	C0.10	1Q0	2Q0		Cd	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
Descriere	RACORD	RACORD	RACORD	RACORD	RACORD	Tablou Electric Adapost antiaerian	Tablou Electric DESFUMARE	Tablou Electric LIFT POMPIERI	Tablou Electric POMPE INCENDIU	Tablou Electric POMPE INCENDIU HELIPORT	INVERSOR AUTOMAT DE SURSA		CUPLA	DESCARCATOR SUPRATENSIUNI ATMOSFERICE	Tablou Electric UPS-M2	RACORD	RACORD	RACORD	Racord Rx	TCT	Tablou Electric CARM3	Tablou Electric CARM4	Tablou Electric Normali Subsol a	Tablou Electric Normali Subsol b	Tablou Electric Normali Parter a	Tablou Electric Normali Parter b	REZERVA	Tablou Electric Normali Etaj1 a
Destinatie	ECS1	ECS2	ECS3	ECS4	CENTRALA CO	TALA	TDF	TLIFT-POMPIERI	TPI	TPI-H	--	--		--	TUPS-M2	LIFT5	LIFT6	LIFT7	Rx	Tablou Centrala Termica	TCARM3	TCARM4	TNSa	TNSb	TNPa	TNPb	--	TNE1a
P [kW]	0.5	0.5	0.5	0.5	0.5	6.7 / 4	21/ 15	15/ 15	17/ 12	14/ 10	5314/ 1266	5314/ 1266		--	811 / 164	15	15	15	80/ 56	77/ 31	91/ 14	73/ 12	111/ 45	124/ 46	204/ 74	189/ 73	--	153/57
I [A]	1.5	1.5	1.5	1.5	1.5	12	26	25	20	18	2122	2122		PRD1/50kA	279	25.5	25.5	25.5	95	54	25	20	75	78	126	124	--	96
Intrerupator	16A/2P	16A/2P	16A/2P	16A/2P	16A/2P	32A/4P	32A/4P	50A/4P	50A/4P	32A/4P	2500A/3P	2500A/3P	--	100A/4P	630A/4P	40A/4P	40A/4P	40A/4P	160A/4P	80A/4P	63A/4P	63A/4P	100A/4P	100A/4P	160A/4P	160A/4P	63A/4P	125/ 4P
Curent Diferential ID [A]	0.03	0.03	0.03	0.03	0.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Contactor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tip Cablu	N2XH	N2XH	N2XH	N2XH	N2XH	NHXH	NHXH	NHXH	NHXH	NHXH	N2XH	N2XH	N2XH	--	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	--	N2XH
Sectiune	3x2.5	3x2.5	3x2.5	3x2.5	3x2.5	5x6	5x6	5x10	5x16	5x10	8x3x(1x240) + 4x(1G240)	8x3x(1x240) + 4x(1G240)	8x3x(1x240) + 4x(1G240)	--	9x(1x185)	5x10	5x10	5x10	4x70+35	4x25+16	5x16	5x16	4x35+16	4x35+16	4x70+35	4x70+35	--	4X50+25



Circuit	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25	C26	C27	C28	C29	C30	C31	C32	C33	C34	C35	C36	C37			
Descriere	Tablou Electric Normali Etaj1 b	Tablou Electric Normali Etaj2 a	Tablou Electric Normali Etaj2 b	Tablou Electric Normali Etaj3 a	Tablou Electric Normali Etaj3 b	Tablou Electric Normali Etaj4 a	Tablou Electric Normali Etaj4 b	Tablou Electric Normali Etaj5	Tablou Electric General Iluminat Siguranta	Tablou Electric General Iluminat Siguranta-Bypass	Tablou Electric HVAC3	RACORD	RACORD	RACORD	Chiller 2	Chiller 3	RACORD	RACORD	Tablou Electric DEGIV-H	Tablou Electric BUTELII	Tablou Electric CARMP	Tablou Electric HVAC-ATI	Baterie Condensatori	REZERVA	REZERVA	REZERVA
Destinatie	TNE 1b	TNE2a	TNE2b	TNE3a	TNE3b	TNE4a	TNE4b	TNE5	TGILS	TGILS	THVAC3	SERVICII GENERATOR	SERVICII GENERATOR	TPREEPURARE	Chiller 2	Chiller 3	Sterilizator 1800L	Tunel Spalat paturi	TDEGIV-H	TBUTELII	TCARMP	THVAC-ATI	BC 2	--	--	--
P [kW]	103/ 37	127/ 48	85/ 32	130/ 46	128/ 46	99/ 60	120/ 44	88/ 40	76/ 58	76/ 58	766/ 380	3	3	20/ 16	407/ 284	407/ 284	50	20	128/ 124	66/ 47	39/ 6	255/ 126	300kVAr (12x25kVAr)	--	--	--
I [A]	57	81	53	77	79	60	74	66	91	91	648	2.55	2.55	27	484	484	85	34	180	80	10	215		--	--	--
Intrerupator	80A/4P	100A/4P	80A/4P	80A/4P	80A/4P	80A/4P	100A/4P	100A/4P	125A/4P	125A/4P	800A/4P	16A/4P	16A/4P	50A/4P	630A/4P	630A/4P	100A/4P	50A/4P	200A/4P	100A/4P	50A/4P	250A/4P	630A/3P	100A/4P	100A/4P	100A/4P
Curent Diferential ID [A]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Contactor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Tip Cablu	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	NHXH	NHXH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	N2XH	CYABY	N2XH	N2XH	N2XH	--	--	--
Sectiune	4x25+16	4x35+16	4x25+16	4x25+16	4x25+16	4x25+16	4x35+16	4x35+16	5x35	5x35	8x1x240	5x2.5	5x2.5	5x10	2x3x(1x185)+(1x185) +(1x185)	2x3x(1x185)+(1x185) +(1x185)	4x35+16	5x10	4x120+70	4x35+16	5x10	4x120+70	2x(3x185+95)	--	--	--



Un=400V - TN-C-S
In = 2500A
Isc=35kA
IP - 31
Carcasa metalica vopsita in camp electrostatic
Intrari -iesiri cabluri pe sus prin ghena laterala
Tabloul va fi prevazute cu o rezerva de spatiu si distribuite neechipata de 30% .
Conceptia sistemului trebuie sa fie validata prin incercari tip, conform SR EN 61439-1.
Carcasa metalica a tabloului electric se va lega la conductorul principal de legare la pamant.
Tabloul electric se va verifica vizual si se va face proba sub tensiune inainte de racordarea circuitelor electrice

NOTA: BATERIA DE COMPENSARE SE VA INSTALA DUPA REALIZARE MASURITORILOR LA PUNEREA IN FUNCTIUNE A INSTALATIEI SI DETERMINARI VALORI REALE A ENETRGIEI REACTIVE

Inversorul automat de sursa (AAR) va avea urmatoarele functii:
- Functionare in regim automat
- Functionare in regim manual cu posibilitate de selecare sursa
- Semalizare prezenta/lipsa tensiune pe fiecare sursa
- Posibilitate de setare timp de intarziere la revenire pe sursa de baza
- C-da start/stop generatoare

VERIFICATOR / EXPERT	NUME	SEMNATURA	CERINTELE

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TRACTEBEL ENGINEERING S.A.
Bucuresti Complex Business, E-171-173 Sos. Bucuresti-Ploiesti, nr.289 D, Sector 1, Bucuresti, Romania
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tractebel@ro.ecm

ATELIER OF ARCHITECTURE CHRISTIAN TANASCAUX

REFERAT de verificare/ RAPORT de expertiza tehnica
Nr. - Data: -

Proiect : Interconectarea cladirilor existente si construcie noua in incinta Spitalului Clinic Judetean de Urgenta + Plus Branzeu = Timisoara, in vederea reorganizarii circuitelor medicale pentru departamentele: UPU, Chirurgie, ATI si Centru de Mari Ars.

Pr. Nr: P.013049

Locatie : Bulevardul Liviu Rebreanu 156, Timisoara 300723
Beneficiar : Consiliul Judetean Timis
Investitor : Ministerul Sanatatii - Romania

SPECIFICATIE	NUME	SEMNATURA	Scara: --
SEF PROIECT	Arh. Christian TANASCAUX		Format: A0+
MANAGER PROIECT	Ing. Liviu POPA- BELEGANTE		
VERIFICAT	Ing. Ionel OPREA		Data: Februarie 2021
DESENAT	Ing. Constantin SAMOILA		
PROIECTAT	Ing. Constantin SAMOILA		

Faza: PT+DE

Denumire desen: SCHEMA MONOFILIARA TGD2
SINGLE LINE DIAGRAM TGD2

Rev. 01

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Nr desen: P.013049_D8_IE041