

Proy

Inginer Paplica Florian

Aut. nr. 201920148

Verificator proiecte

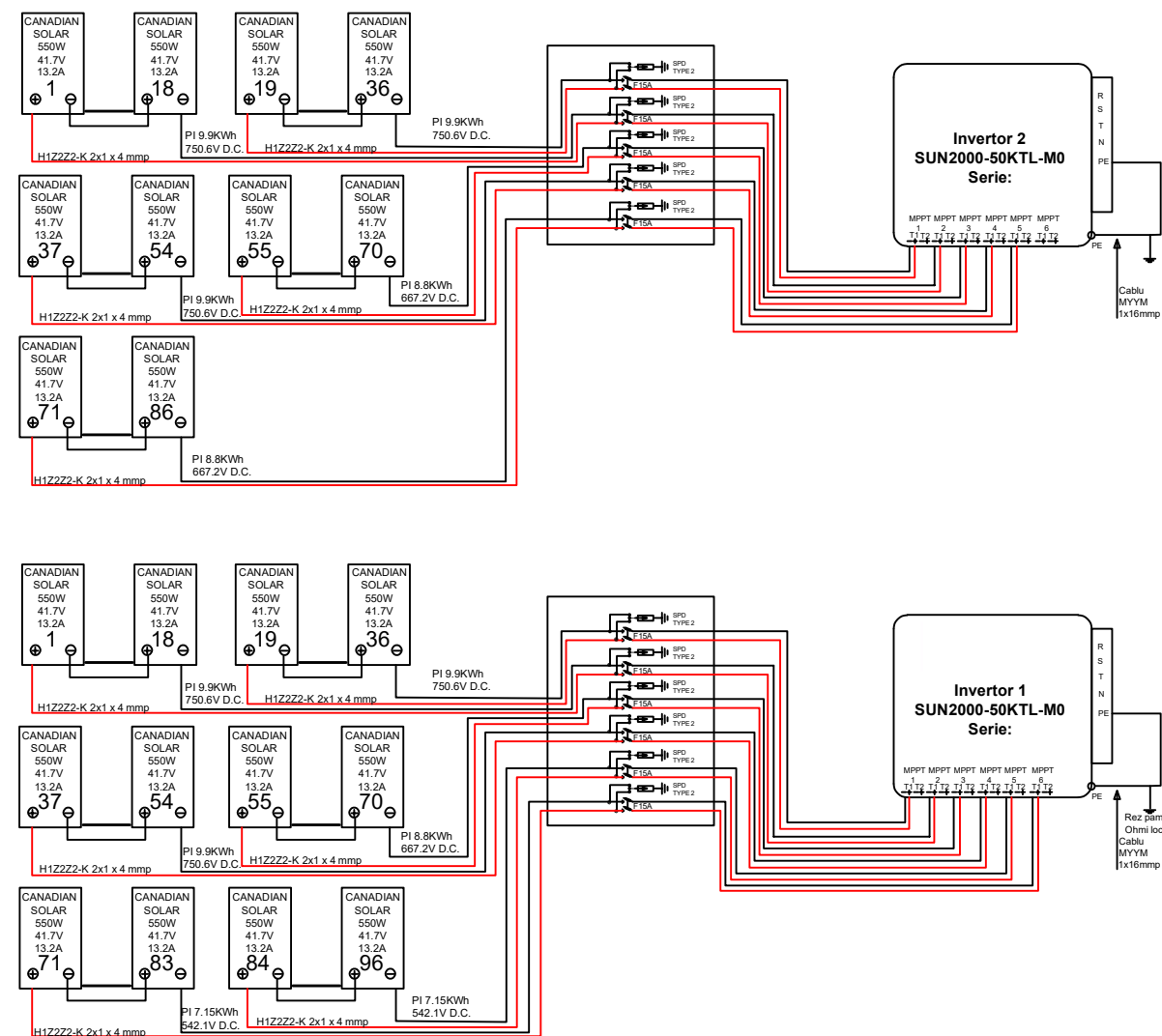
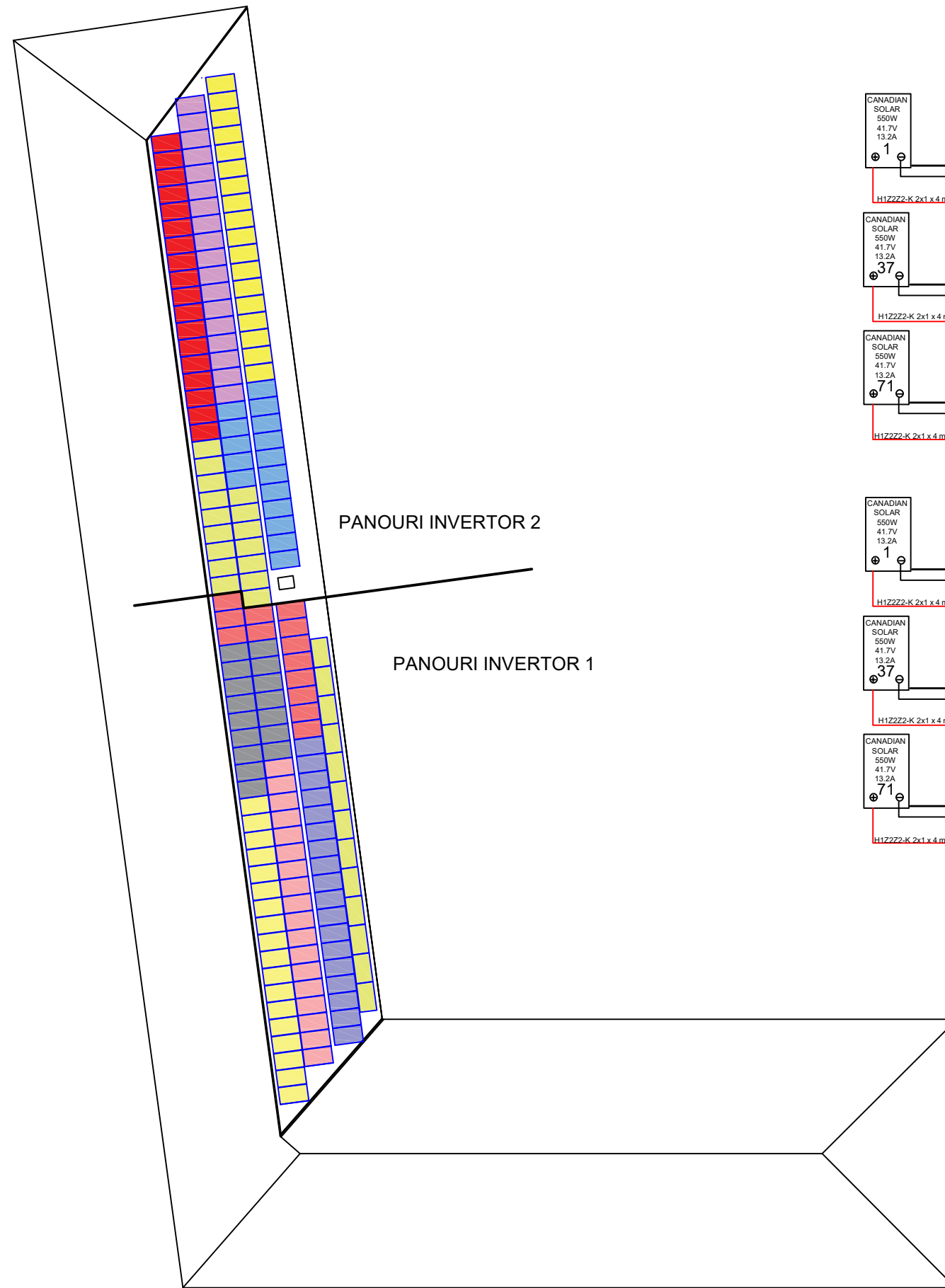
DRĂGAN CORNEL

ELECTRICIAN AUTORIZAT

AD.NR. 202310352/18.06.2023

GRAD IIA, IIB

<div>ANUL GENR. 202310352/18.06.2023 GRAD IIA ; IIB</div>				
BENEFICIAR: CONSILIUL JUDETEAN SALAJ				
Proiectat:	Ing Dragan Cornel		Plan de Situatie	PT+ DDE
Desenat:	Ing Dragan Cornel			
Verificat:				
Contr STAS				
Aprobat:		Masa:		
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023 Atestat ANRE 19005/06.02.23			CJSJ - GEN - 01	
		Data:		



NOTE:

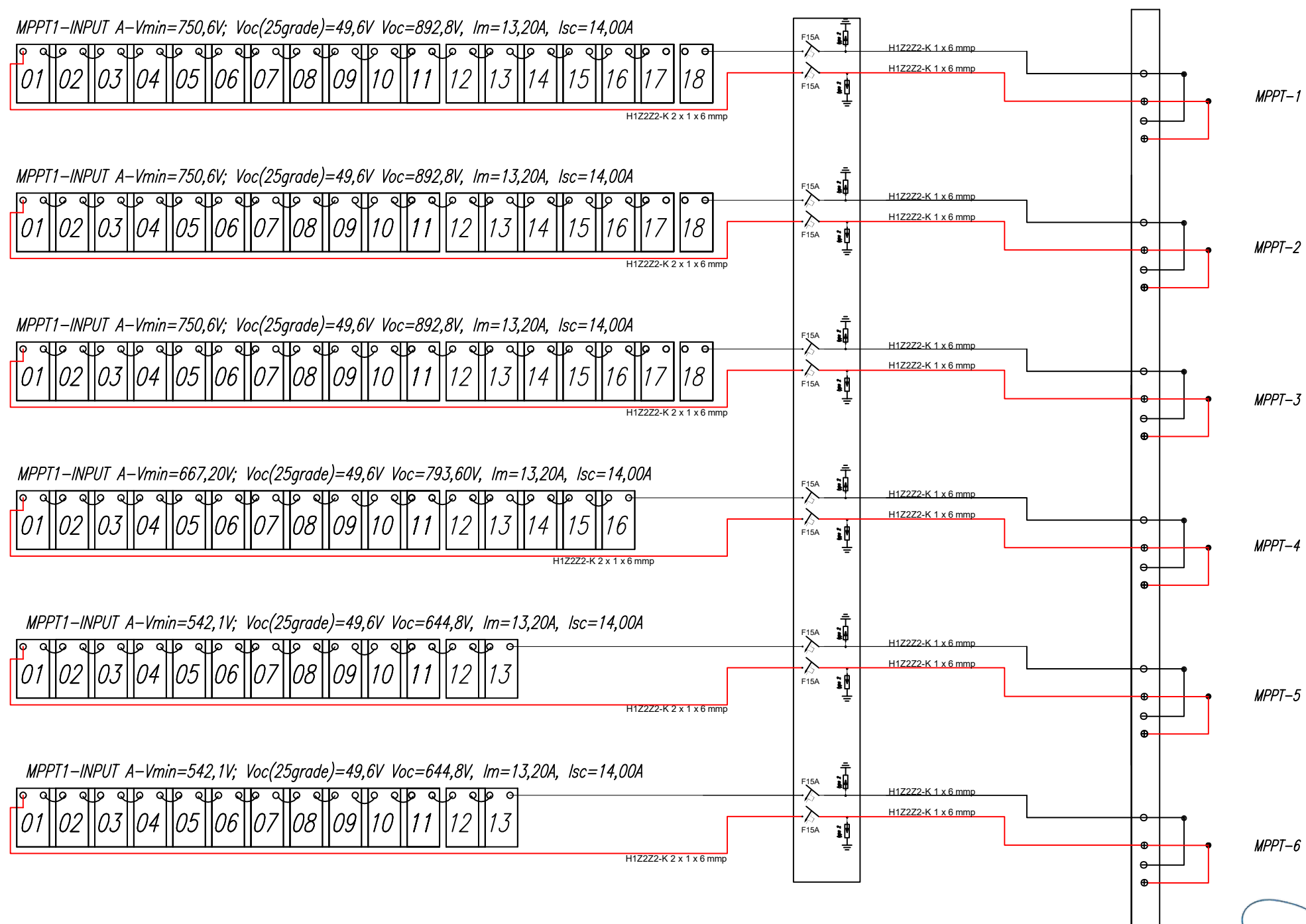
- Se vor respecta cu strictete toate indicatiile din manualul de instalare furnizat de producatorul panourilor fotovoltaice
- Cablurile vor fi montate in pat de cabluri zincat

Fig

Inginer Paplica Florian
Aut. nr. 201920148
Verificator proiecte

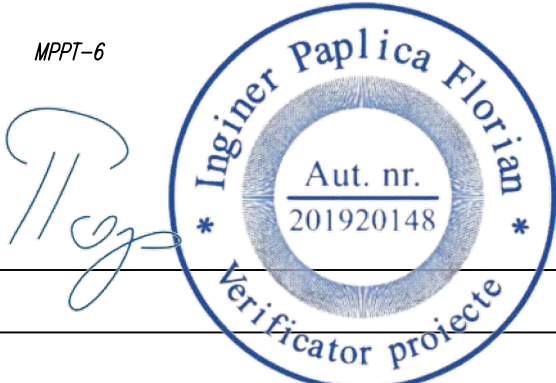
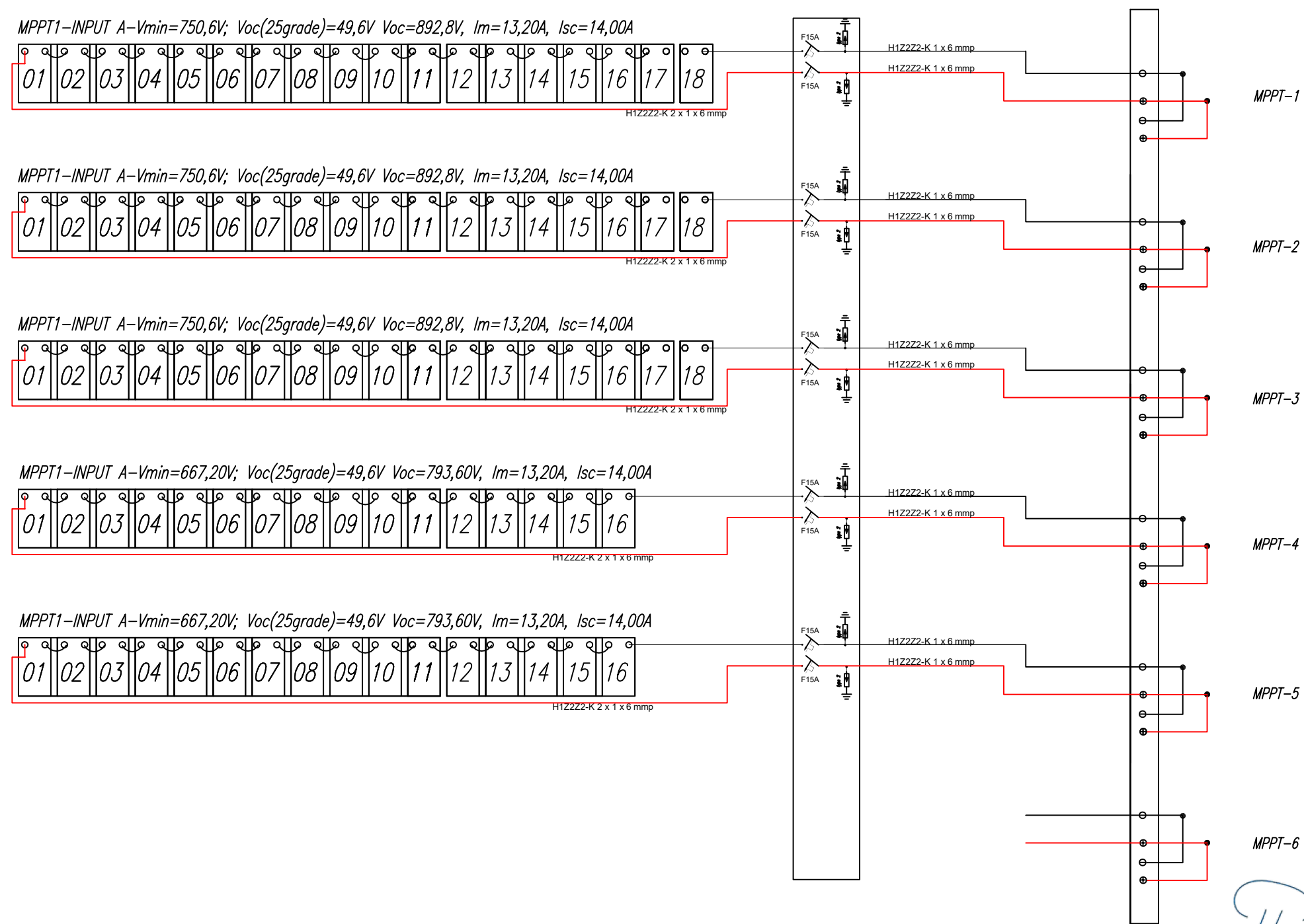
BENEFICIAR: CONSILIUL JUDETEAN SALAJ				
Proiectat:	Ing Dragan Cornel	<div>DRĂGAN CORNEL ELECTRICIAN AUTORIZAT AD.NR. 202310352/18.06.2023 GRAD II A - HB</div>	Schema electrica - impartire panouri pe invertoare	PT+ DDE
Desenat:	Ing Dragan Cornel			
Verificat:				
Contr STAS				
Aprobat:		Masa:	CJSJ - GEN - 02	
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023				
Atestat ANRE 19005/06.02.23		Data:		

SCHEMA CONEXIUNI INVERTOR 1 - 50KW: SUN2000-50KTL-M0
PANOURI FOTOVOLTAICE TIP CS6W-550MS, 550W (96 BUC)



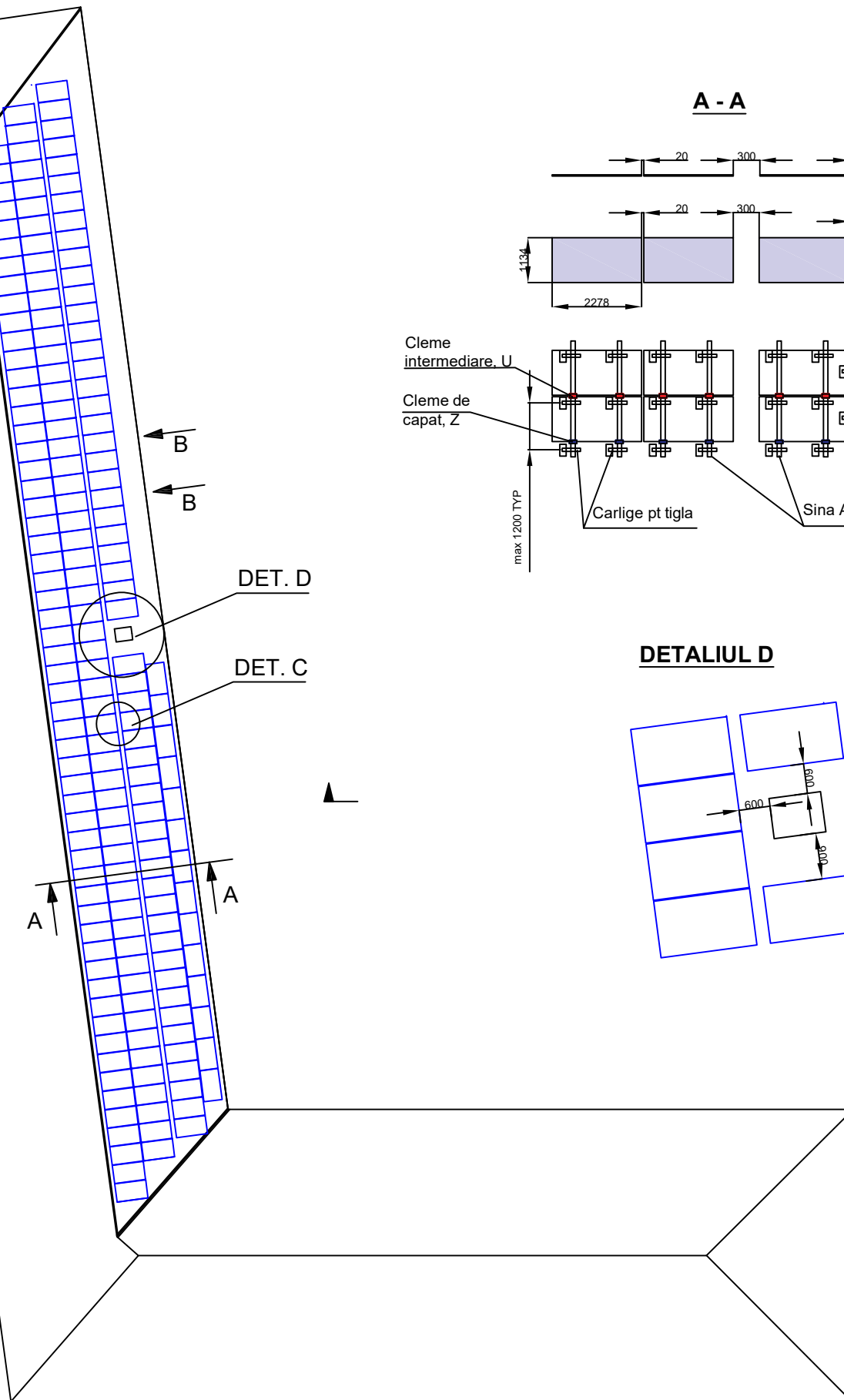
BENEFICIAR: CONSILIUL JUDETEAN SALAJ			
Proiectat:	Ing Dragan Cornel	Schema electrica - impartire panouri pe invertoare - INV1	PT+ DDE
Desenat:	Ing Dragan Cornel		
Verificat:			
Contr STAS			
Aprobat:			
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023		CJSJ - GEN - 03	
Atestat ANRE 19005/06.02.23		Data:	

SCHEMA CONEXIUNI INVERTOR 2 - 50KW: SUN2000-50KTL-M0
PANOURI FOTOVOLTAICE TIP CS6W-550MS, 550W (86 BUC)

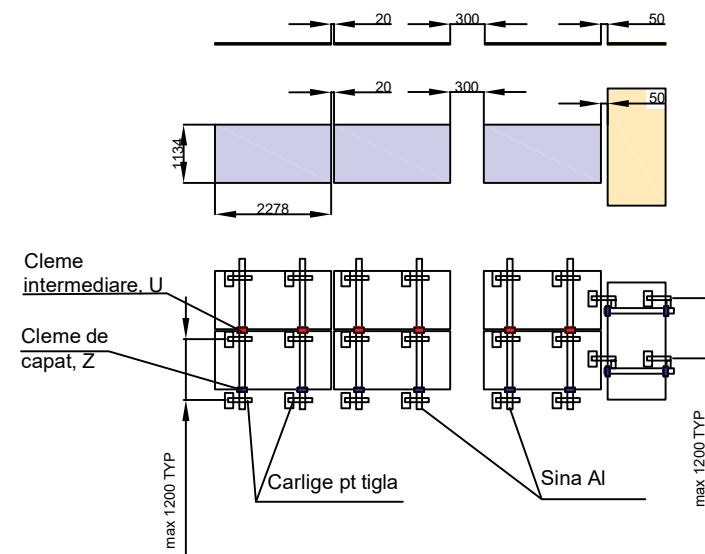


BENEFICIAR: CONSILIUL JUDETEAN SALAJ				
Proiectat:	Ing Dragan Cornel	<div>DRĂGAN CORNEL ELECTRICIAN AUTORIZAT AD.NR. 202310352/18.06.2023 GRAD TIA : IIB</div>	Schema electrica - impartire panouri pe invertoare INV 2	PT+ DDE
Desenat:	Ing Dragan Cornel			
Verificat:				
Contr STAS				
Aprobat:		Masa:	CJSJ - GEN - 04	
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023				
Atestat ANRE 19005/06.02.23		Data:		

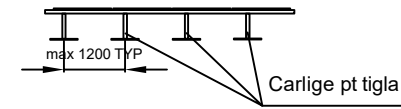
NORD



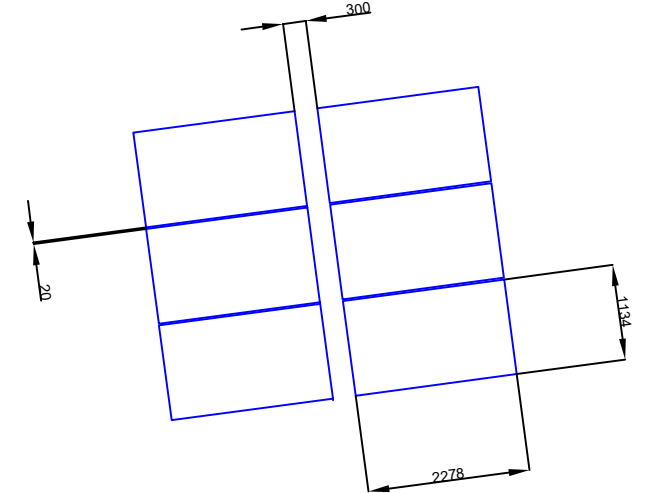
A - A



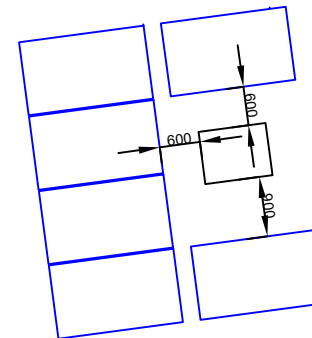
B - B



DETALIUL C



DETALIUL D



TABELUL 1

Surub	Hexagon tubulara	Hexagon imbus	Grupa surub 8.8	Grupa surub 10.9	Grupa surub 12.9
			Nm	Nm	Nm
M 1.6	3.2		0.18	0.26	0.31
M2	4	1.5	0.38	0.53	0.63
M2.5	5	2	0.78	1.09	1.31
M3	5.5	2.5	1.35	1.9	2.27
M4	7	3	2.54	3.57	4.29
M5	8	4	6.09	8.56	10.3
M6	10	5	10.5	14.7	17.7
M8	13	6/7	25.3	35.5	42.7
M10	17	8/9	50.8	71.5	85.8
M12	19	10/12	86.9	122	147
M14	22		139	195	234
M16	24	14	213	299	359

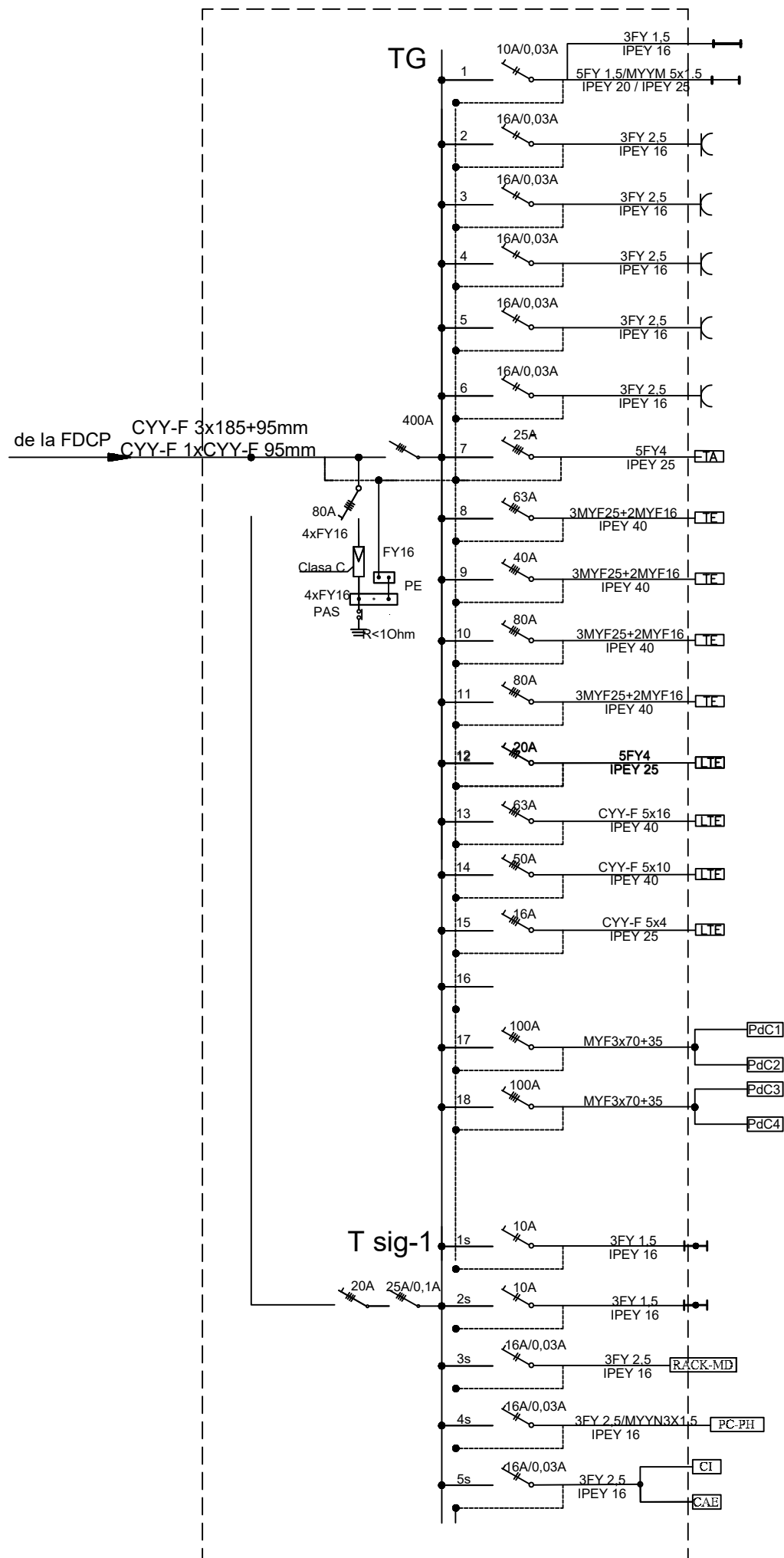
NOTE:

- Se vor respecta cu strictete toate indicatiile din manualul de instalare furnizat de producatorul sistemului de fixare
- Momentele de strangere a suruburilor vor fi conf TAB. 1
- La fiecare 10 panouri montate se va prevedea un luft pentru dilatatia panourilor de minim 50 mm

BENEFICIAR: CONSILIUL JUDETEAN SALAJ

Proiectat:	Ing Dragan Cornel	Detalii montaj sistem prindere panouri fotovoltaice pe acoperis tigla	PT+ DDE
Desenat:	Ing Dragan Cornel		
Verificat:			
Contr STAS			
Aprobat:			
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023 Atestat ANRE 19005/06.02.23		CJSJ - SPAT - 01	
Data:			



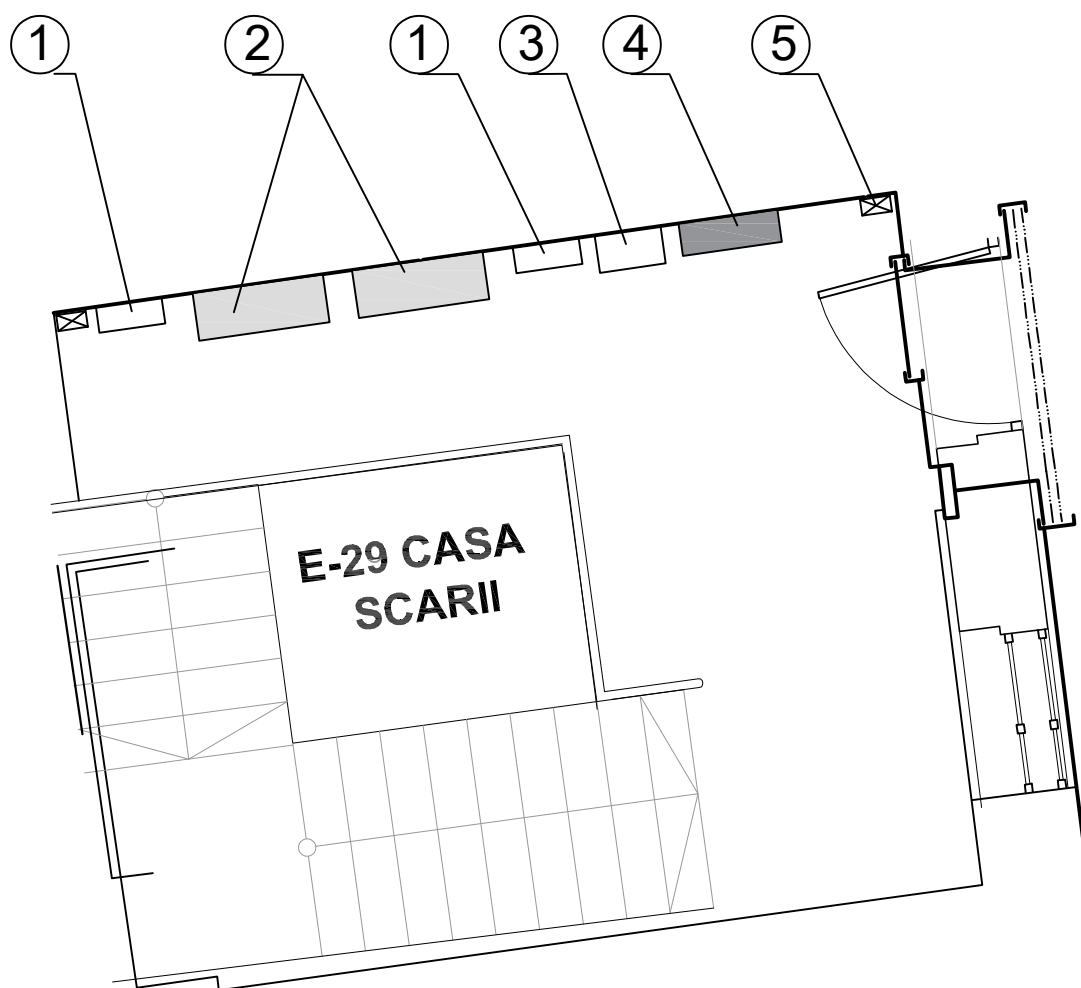


Consumator	Pi[W]	Faza	Destinatia
4LL 16LL	288 800	L1	Iluminat interior P-25, P-26, P-28, P-38
4LP	2000	L2	prize P-26
4LP	2000	L3	prize P-26
4LP	2000	L1	prize P-25
4LP	2000	L2	prize P-25
3LP	2000	L3	prize P-27, P-38
1LT	16435	L1,L2,L3	alim tablou automatizare CT
1LT	44902	L1,L2,L3	alim tablou TP -I-1
1LT	41062	L1,L2,L3	alim tablou TP -I-2
1LT	544.54	L1,L2,L3	alim tablou TE -I-1
1LT	55111	L1,L2,L3	alim tablou TE -I-2
1LT	8000	L1,L2,L3	alim tablou TS-I
1LT	43470	L1,L2,L3	alim tablou TP-II
1LT	34500	L1,L2,L3	alim tablou TP-III
1LT	11040	L1,L2,L3	alim ilum exterior
	6000	L1,L2,L3	rezerva
1LPdC	56600	L1,L2,L3	alim Pompe de Caldura - Stanga
1LPdC	56600	L1,L2,L3	alim Pompe de Caldura - Dreapta
Pi L1[W]	Pi L2[W]	Pi L3[W]	Pii[W] Kal Pal[W]
126521.5	129421.5	129421.5	

28LL	224	L1	iluminat de evacuare si ilum hidranti
24LL	192	L2	iluminat de evacuare si ilum hidranti
1LR	1000	L3	alim RACK-MD
-	700	L2	alim panou de comanda platforma handicapati
1LC 1LC	1000	L3	alim centrala incendiu si antiefractie
Pi L1[W]	Pi L2[W]	Pi L3[W]	Pii[W] Kal Pal[W]
924	1192	2000	4116 0.51 2116

BENEFICIAR: CONSILIUL JUDETEAN SALAJ			
Proiectat:	Ing Dragan Cornel	Tablou Electric General - Schema monofilara	
Desenat:	Ing Dragan Cornel		
Verificat:			
Contr STAS			
Aprobat:		PT+ DDE	
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023 Atestat ANRE 19005/06.02.23		CJSJ - TGE - 01	
Data:			

DRĂGAN CORNEL
ELECTRICIAN AUTORIZAT
AD.NR. 202310352/18.06.2023
GRAB IIA ; IIB



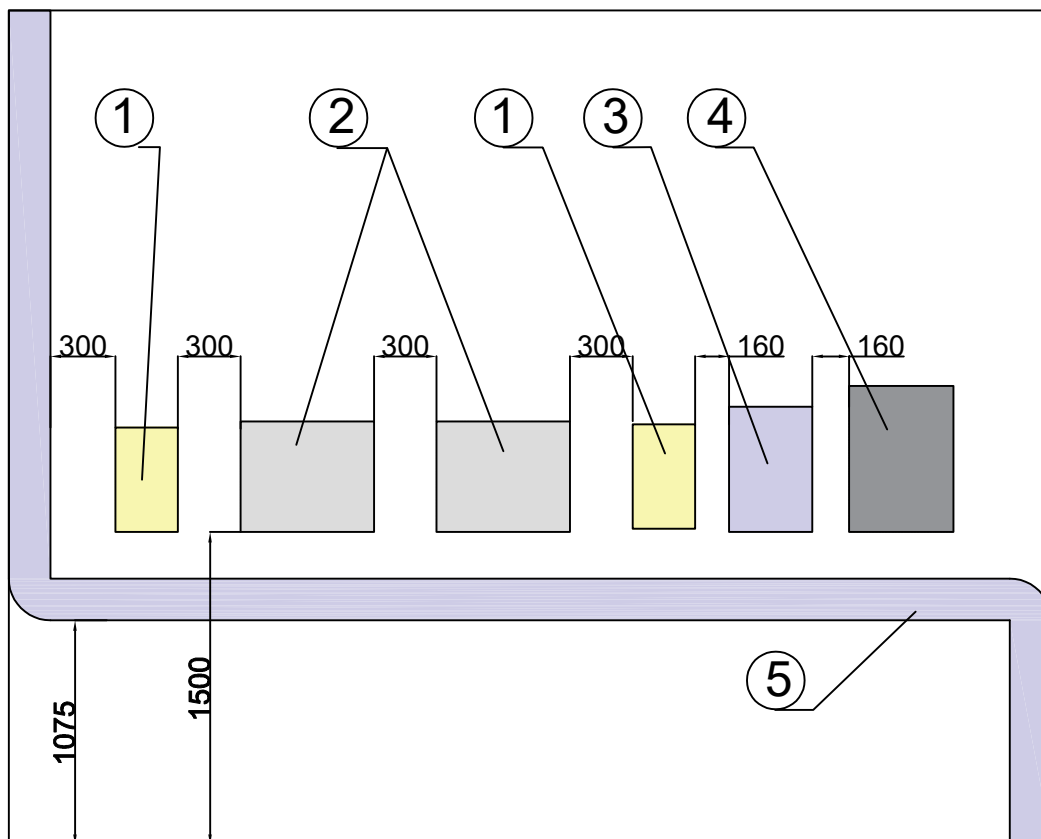
5	Canal cabluri zincat	100x60, metalic + capac	8.5 ml	
4	Tablou CEF + Anti-insularizare	700x500x200, IP56, metalic	1	
3	Tablou BMPT	Polycarbonat, 600x330mm	1	
2	Invertor SUN2000-50KTL-M0		2	
1	Tablou Curent Continuu	36P, IP56	2	
Nr	Denumire reper	Caracteristici	Buc	Obs

BENEFICIAR: CONSILIUL JUDETEAN SALAJ

Proiectat:	Ing Dragan Cornel			
Desenat:	Ing Dragan Cornel			
Verificat:				
Contr STAS				
Aprobat:		Masa:		
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023 Atestat ANRE 19005/06.02.23		Data:		CJSJ - E29 - Casa Scarii - 01

Amplasare Invertoare si Tablouri CC si CA

PT+
DDE



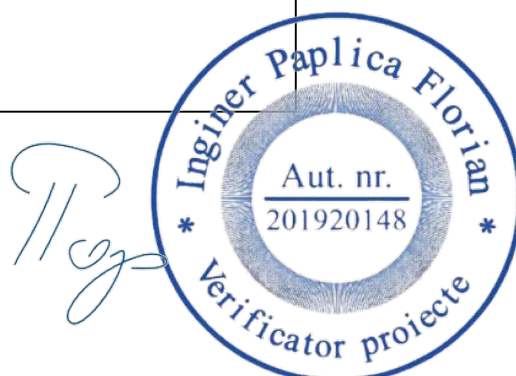
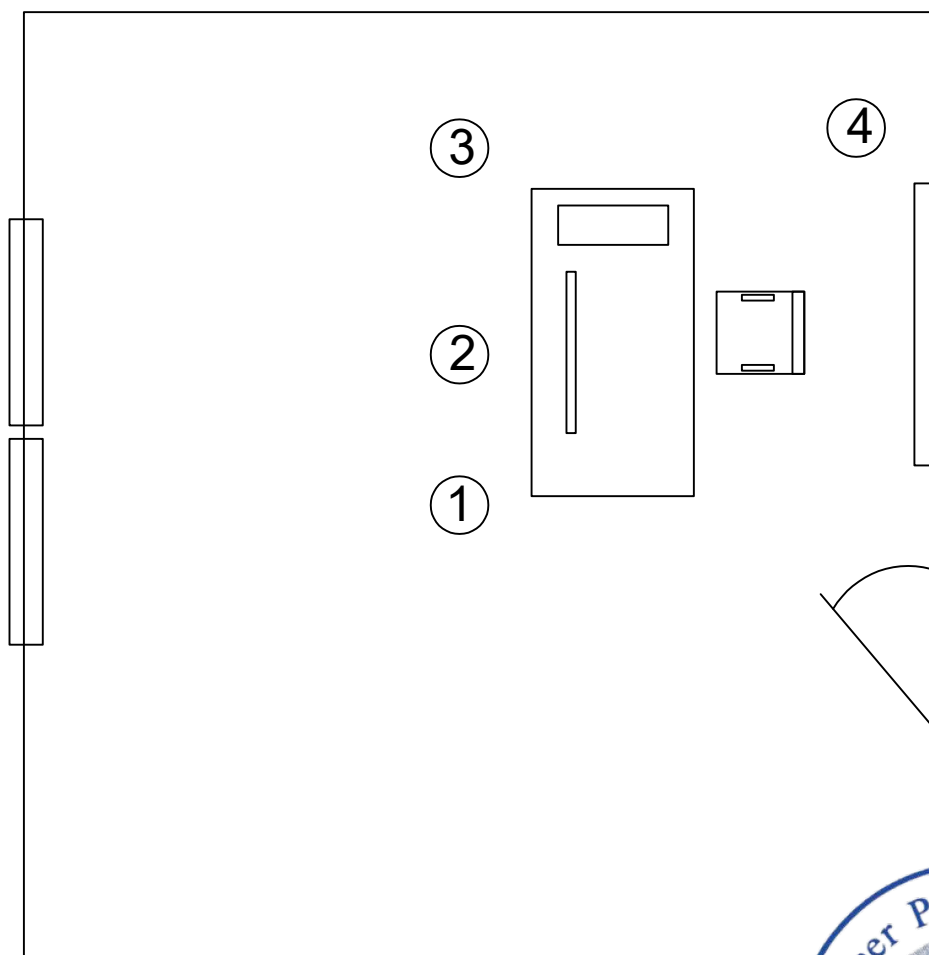
NOTE:

1. Se va ingradi accesul personalului neautorizat la conexiunile electrice al invertoarelor prin amplasarea unui grilaj metalic securizat cu lacat.



BENEFICIAR: CONSILIUL JUDETEAN SALAJ

Proiectat:	Ing Dragan Cornel			
Desenat:	Ing Dragan Cornel			
Verificat:				
Contr STAS				
Aprobat:		Masa:		
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023 Atestat ANRE 19005/06.02.23		Data:		
		Amplasare Invertoare si Tablouri CC si CA		PT+ DDE
		CJSJ - E29 - Casa Scarii - 02		



NOTE:

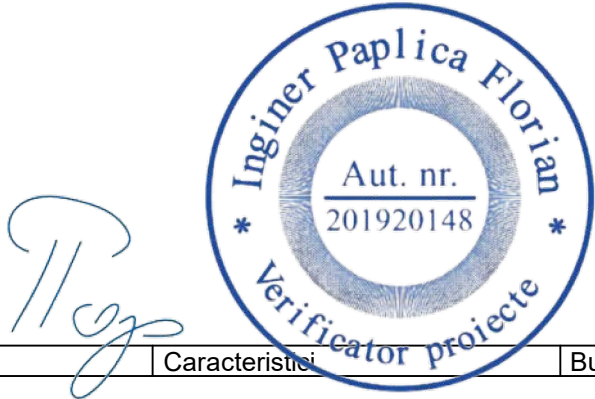
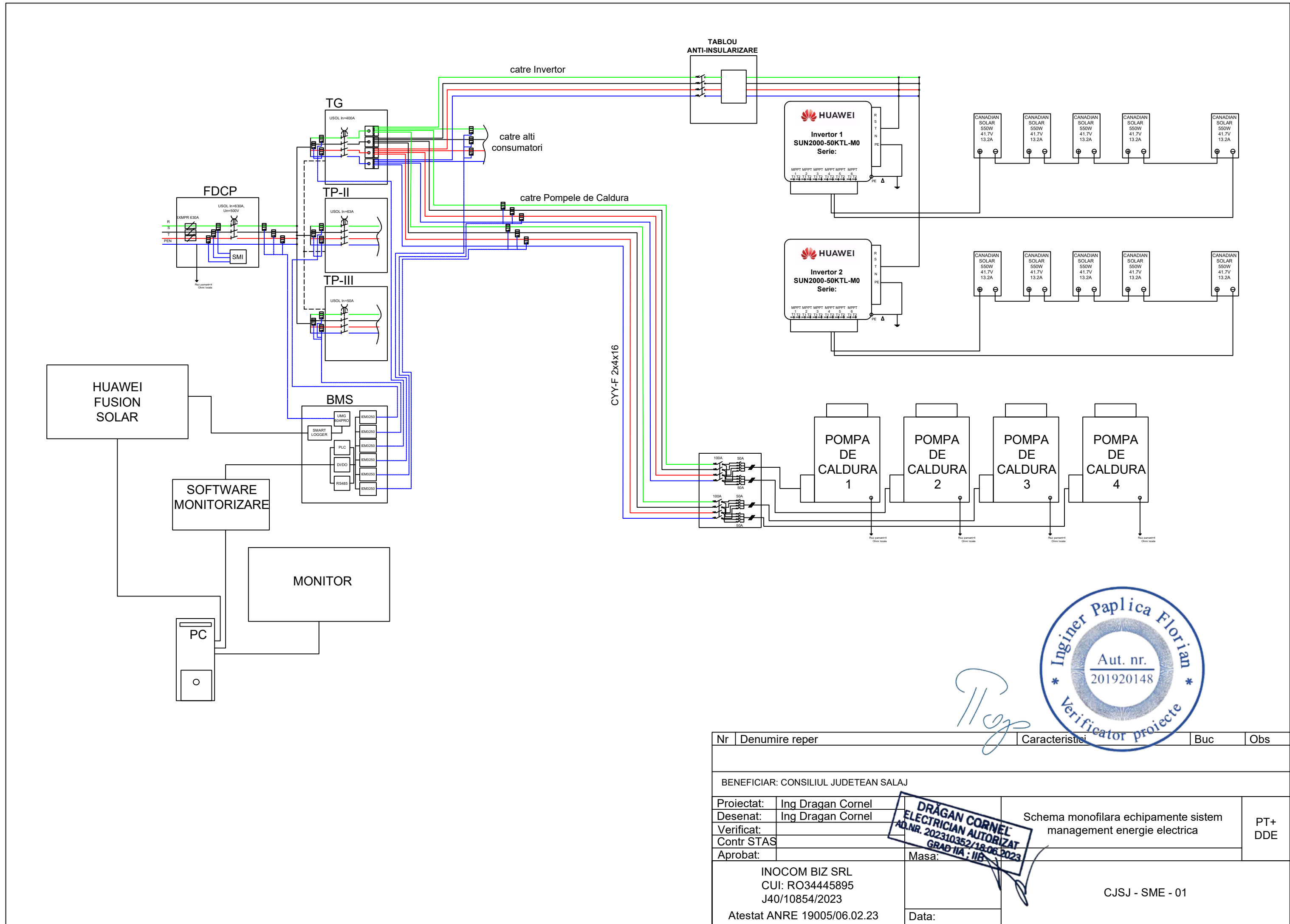
1. Sistemul de calcul pentru monitorizare si control sistem fotovoltaic si management al energiei se va amplasa in Sala E27 - Birou
2. Cota de montaj pentru Monitorul poz 4 va fi de minim 2 m



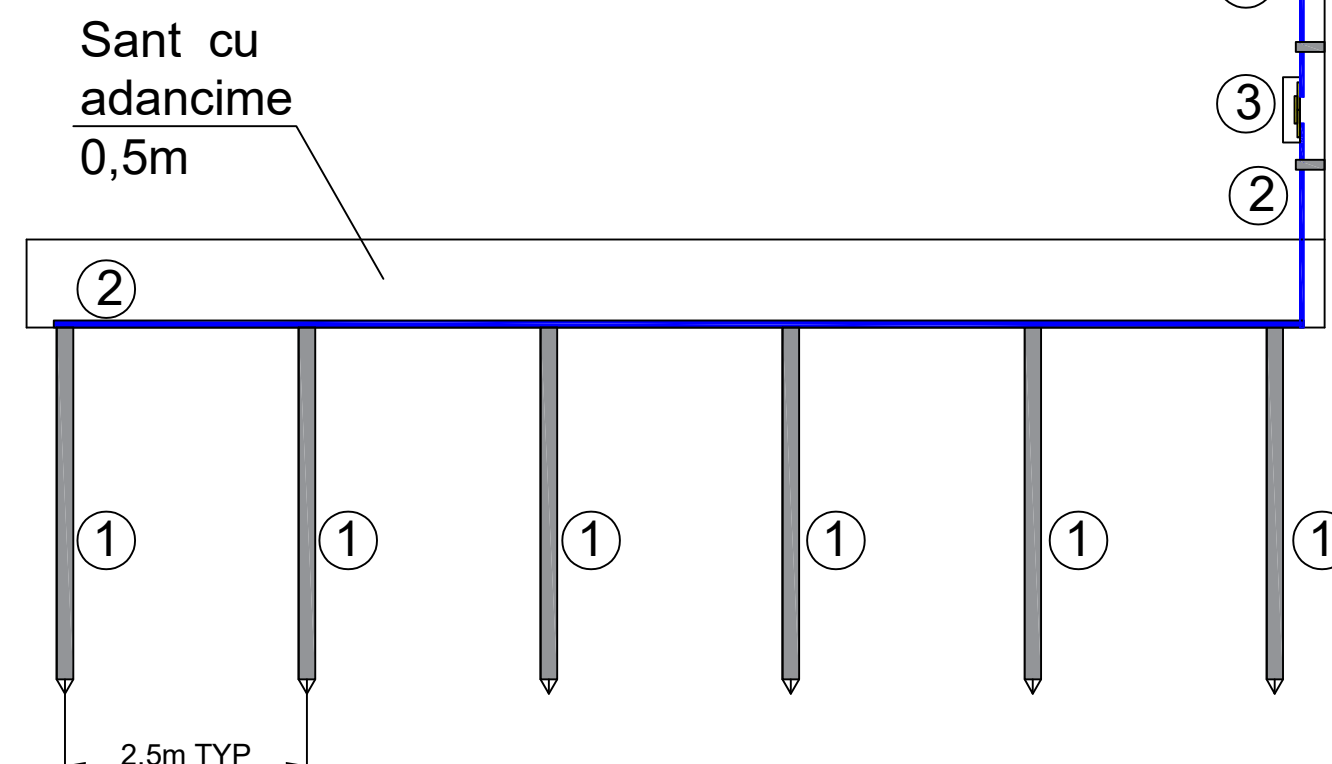
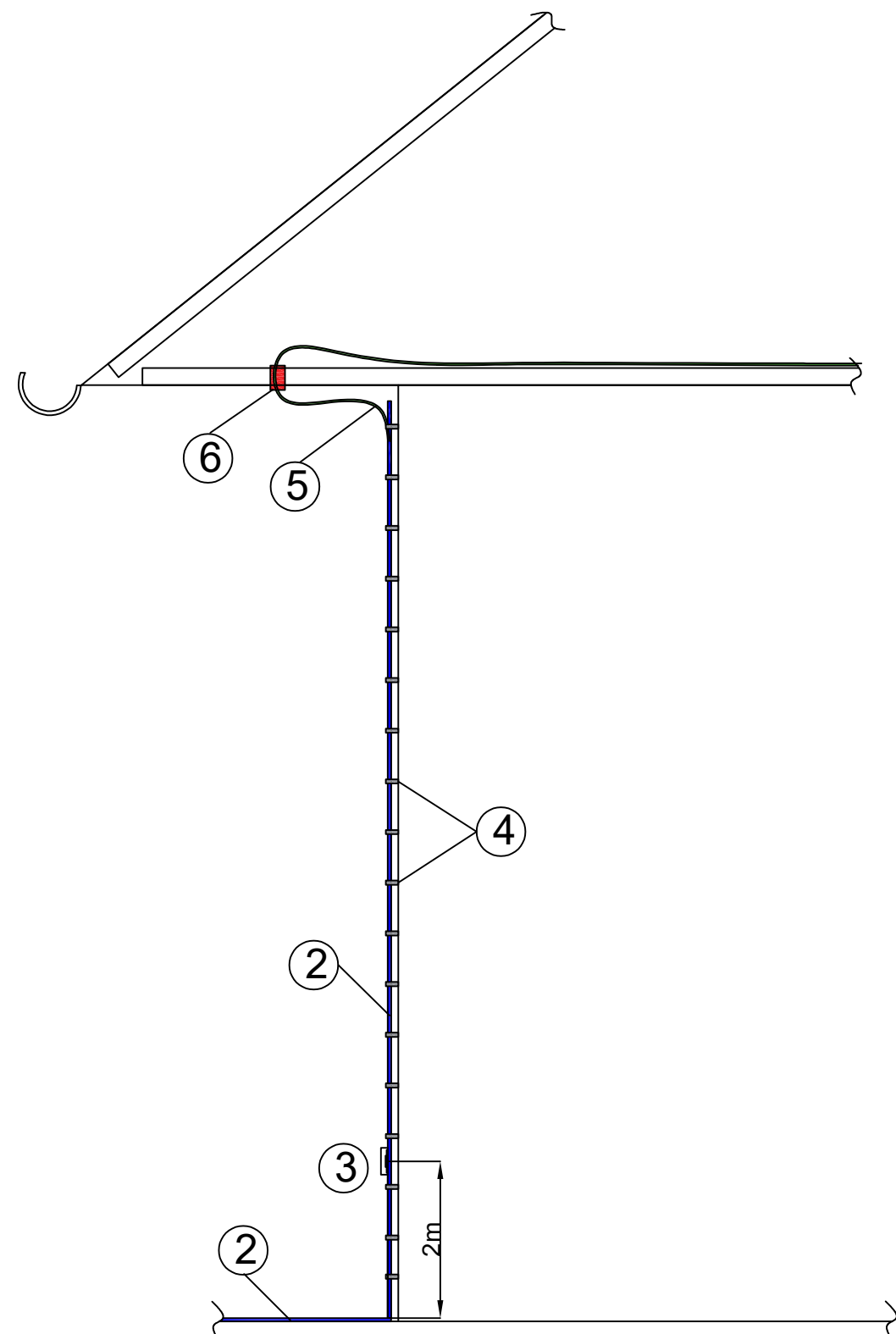
4	Monitor / Televizor montaj perete	700x500x200, IP56, metalic	1	
3	Sistem calcul carcasa MID Tower	Polycarbonat, 600x330mm	1	
2	Monitor 30" montat pe birou		2	
1	Birou existent		1	
Nr	Denumire reper	Caracteristici	Buc	Obs

BENEFICIAR: CONSILIUL JUDETEAN SALAJ

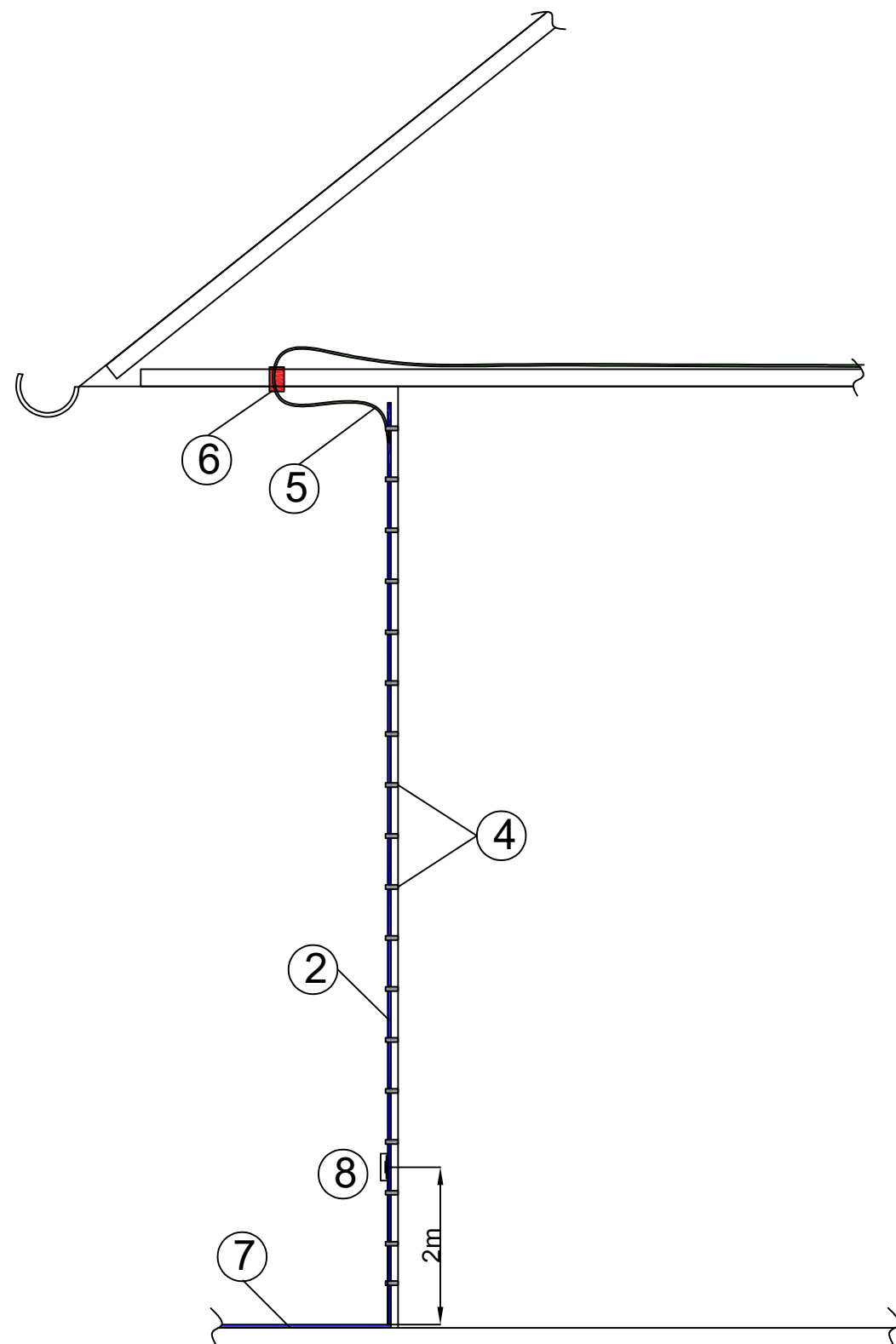
Proiectat:	Ing Dragan Cornel		Amplasare Sistem PC + Monitor	PT+ DDE
Desenat:	Ing Dragan Cornel			
Verificat:				
Contr STAS				
Aprobat:		Masa:		
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023 Atestat ANRE 19005/06.02.23			CJSJ - E27 - Birou - 01	
		Data:		



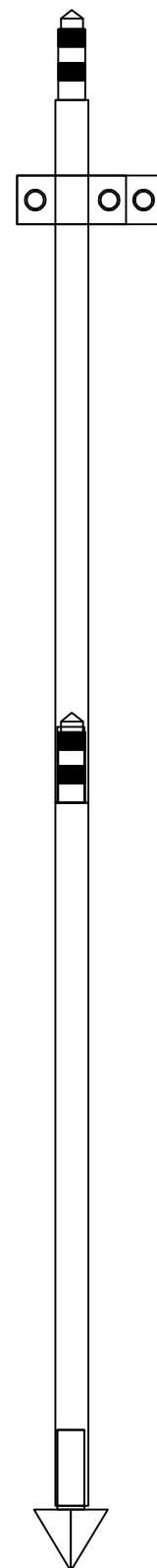
Nr	Denumire reper	Caracteristici	Buc	Obs
BENEFICIAR: CONSILIUL JUDETEAN SALAJ				
Proiectat:	Ing Dragan Cornel	Schema monofilara echipamente sistem management energie electrica		PT+ DDE
Desenat:	Ing Dragan Cornel			
Verificat:				
Contr STAS				
Aprobat:		Masa:		
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023 Atestat ANRE 19005/06.02.23		Data:	CJSJ - SME - 01	



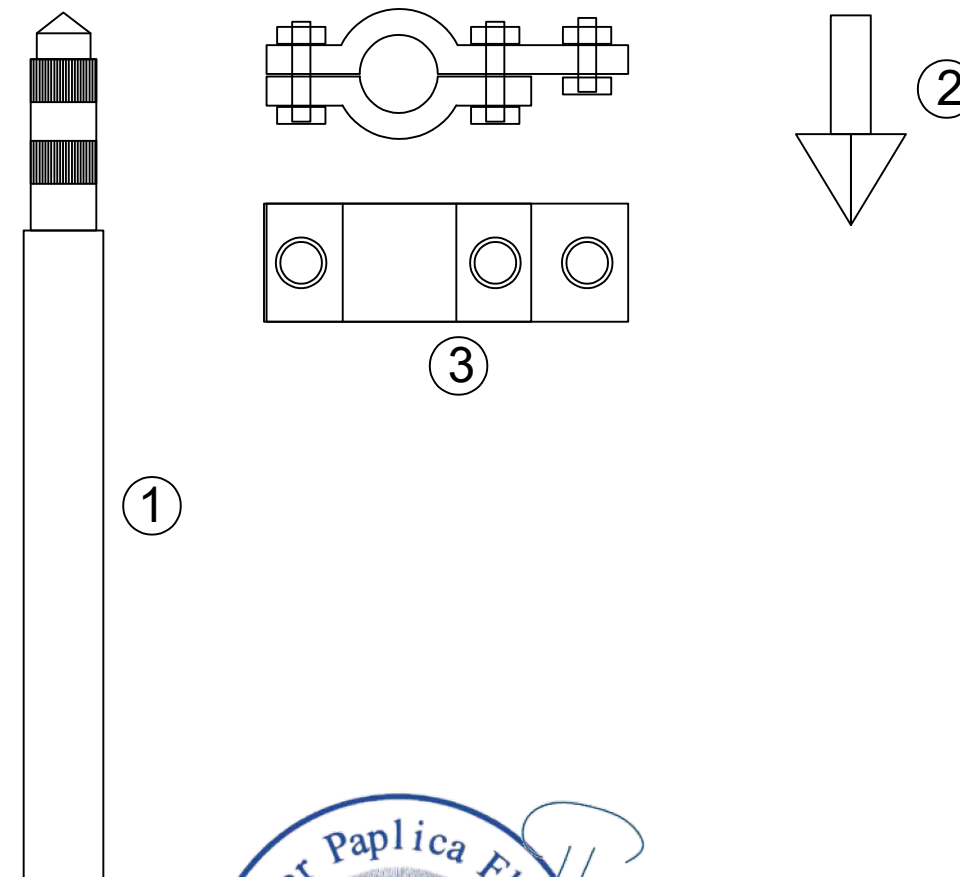
6	Trecere etansa(presetupa)	Plastic, IP66	2	
5	Cablu NHXH 1x25(1x35)	Cupru	30 ml	
4	Clema de prindere	OL ZN	20	
3	Eclisa, piesa de separatie cu carcasa metalica	FB 40x4, OL ZN	1	
2	Platbanda pentru impamantare	FB 40x4(5),OL ZN	25 ml	
1	Electrod pentru impamantare	Profil T compus, OL ZN, L=2m	6	
Nr	Denumire reper	Caracteristici	Buc	Obs
BENEFICIAR: CONSILIUL JUDETEAN SALA I				
Proiectat:	Ing Dragan Cornel		Amenajare Priza de Pamant Noua	
Desenat:	Ing Dragan Cornel			
Verificat:				
Contr STAS				
Aprobat:		Masa:	CJSJ - PDP - 01	
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023				
Atestat ANRE 19005/06.02.23		Data:		
			PT+ DDE	



DETALIU MONTAJ ELECTROZI
CILINDRICI TIP OBO



DETALII COMPONENTE TIP OBO



NOTE:

1. Dupa executia lucrarilor, amplasamentul se va readuce la starea initiala, ex: se va monta gazon acolo unde este cazul
2. De la platbanda 40x4 intinsa de-a lungul peretelui, se va ruta prin pod, utilizand treceri etanse, cablu NHXH 1x25mm2 pana la incaperea E29-Casa Scarii, unde se va lega la bara de echipotentializare a sistemului fotovoltaic
3. Valoarea masurata a prizei de pamant nou executate nu trebuie sa depaseasca valoarea de 4 Ohm
4. Pentru baterea electrozilor in pamant se va utiliza un Cap de Batere tip Obo, cu prindere SDS Max
5. Toate materialele vor fi zincate la cald

8	Eclisa, piesa de separatie cu carcasa metalica	FB 40x4, OL ZN	1	
7	Platbanda pentru impamantare	FB 40x4(5), OL ZN	25 ml	
6	Trecere etansa(presetupa)	Plastic, IP66	2	
5	Cablu NHXH 1x25(1x35)	Cupru	30 ml	
4	Clema de prindere	OL ZN	20	
3	Clema pentru legatura electrod Obo cu FB Obo	FB 40x4, OL ZN	1	
2	Varf pentru electrod de impamantare OBO Beterman	OL ZN	25 ml	
1	Electrod impamantare typ 21920STFT tip OBO	D=25mm, OL ZN, L=1.5m	6	
Nr	Denumire reper	Caracteristici	Buc	Obs

BENEFICIAR: CONSILIUL JUDETEAN SALAJ

Proiectat:	Ing Dragan Cornel		Amenajare Priza de Pamant Noua - OBO	PT+ DDE
Desenat:	Ing Dragan Cornel			
Verificat:				
Contr STAS				
Aprobat:		Masa:	CJSJ - PDP - 02	
INOCOM BIZ SRL CUI: RO34445895 J40/10854/2023 Atestat ANRE 19005/06.02.23		Data:		