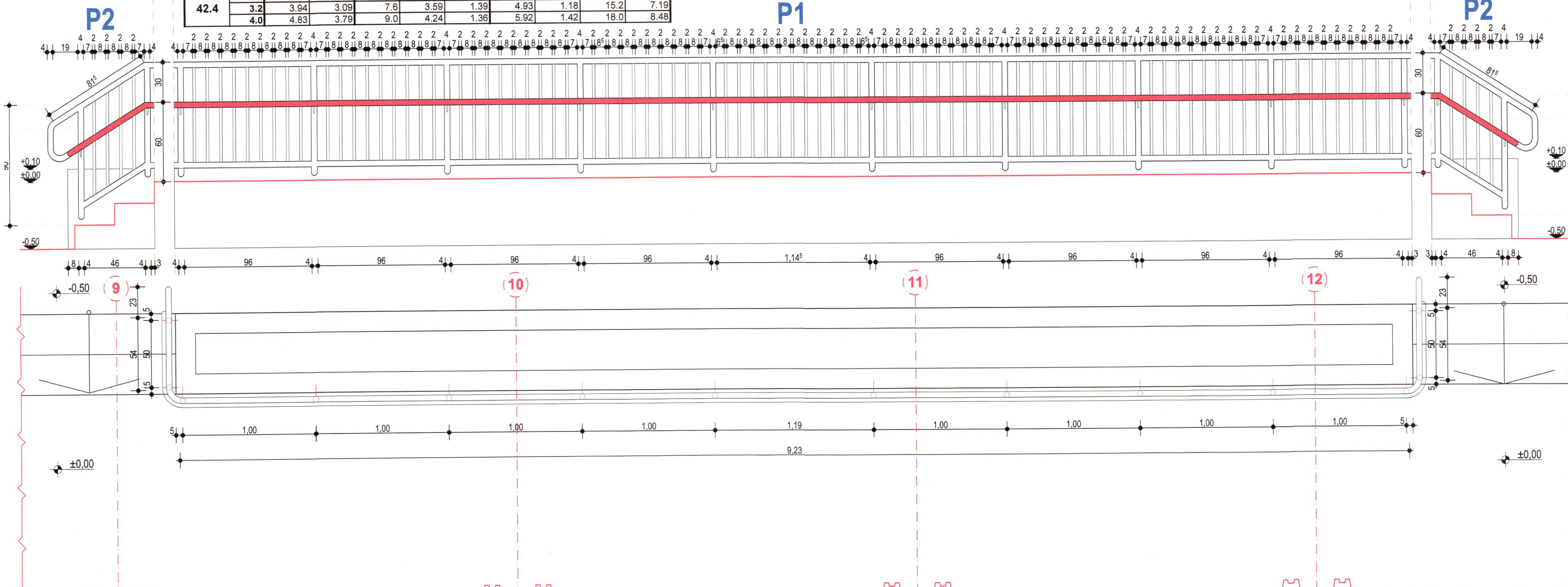
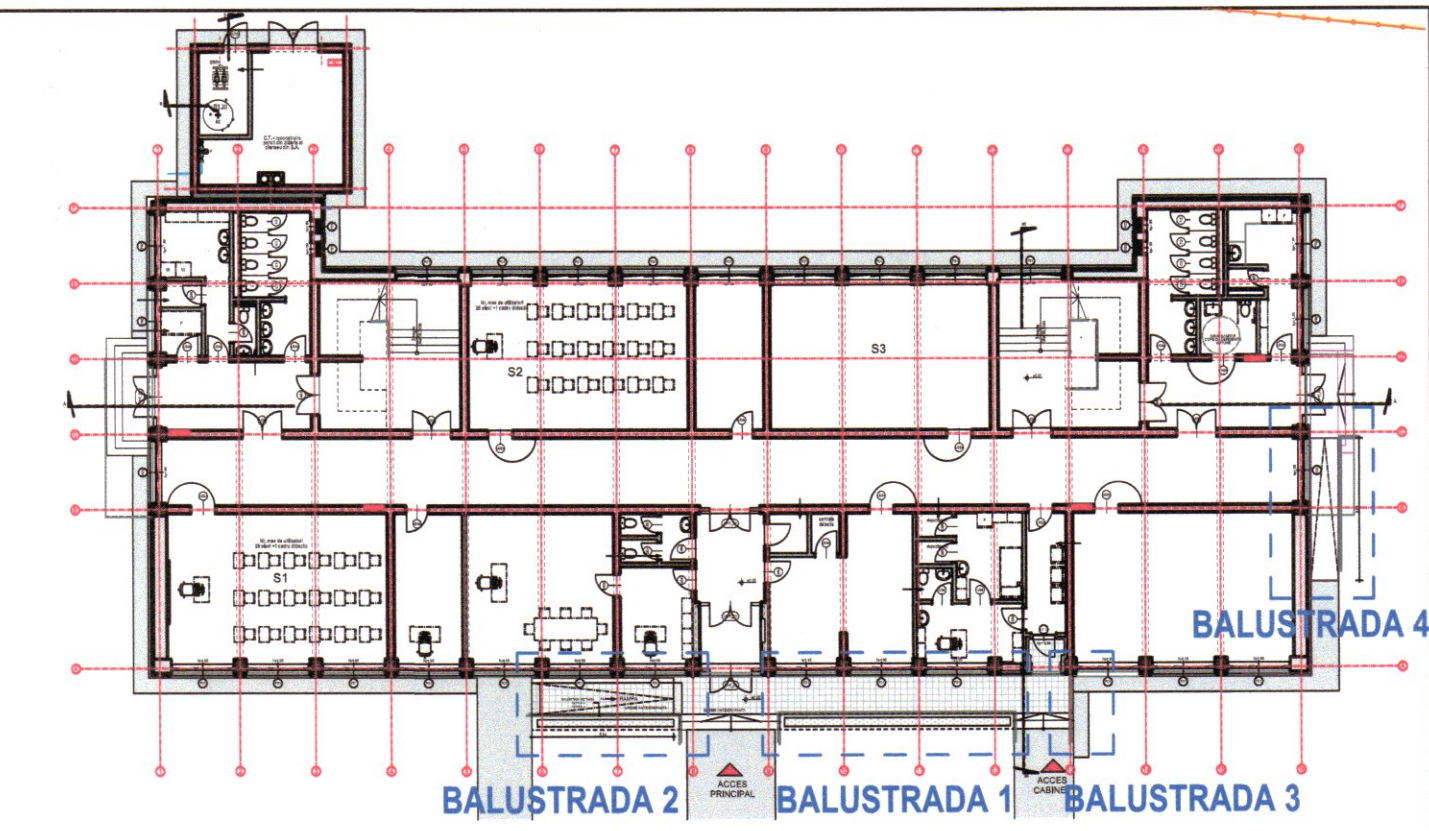


BALUSTRADA METALICA CU MANA CURENTA LA H=90cm, RAL 7022/SIMILAR VOPSEA PE BAZA DE ZINC
 MANA CURENTA LA H=60cm, RAL 3008/SIMILAR-VOPSEA PE BAZA DE ZINC

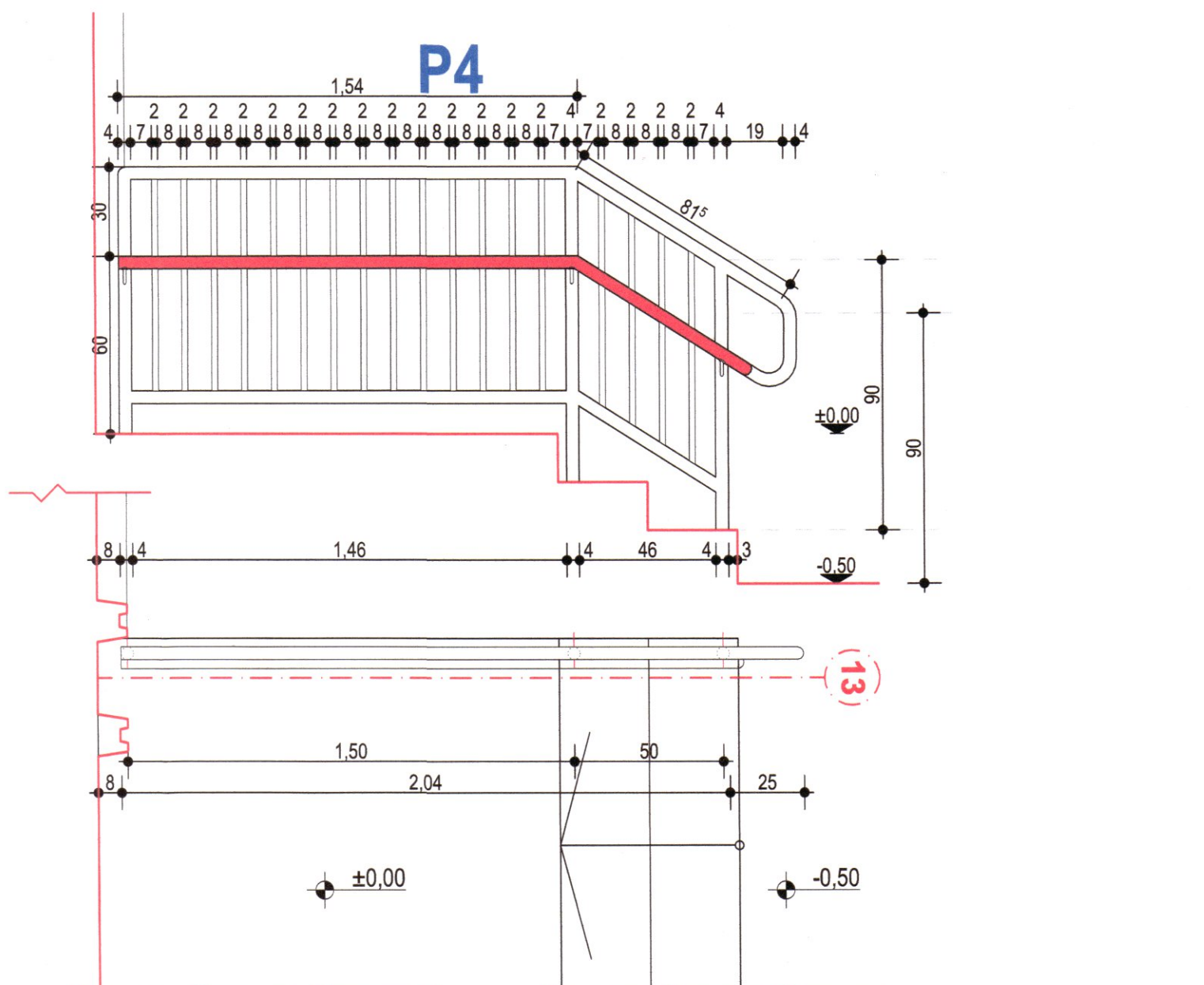
STRUCTURA PANOURI SI MANA CURENTA DIN TEAVA ROTUNDA D=42,4 mm

Dimensiuni			Caracteristici sectionale				Valori de calcul			
D	T	A	M	I	W	i	W _{pl}	M _{pl}	I _r	C _r
mm	mm	cm ²	kg/m	cm ⁴	cm ³	cm	cm ³	kNm	cm ⁴	cm ³
1	2	3	4	5	6	7	8	9	10	11
42.4	2.6	3.25	2.55	6.5	3.05	1.41	4.12	0.99	12.9	6.10
	3.2	3.94	3.09	7.6	3.59	1.39	4.93	1.18	15.2	7.19
	4.0	4.83	3.79	9.0	4.24	1.36	5.92	1.42	18.0	8.48

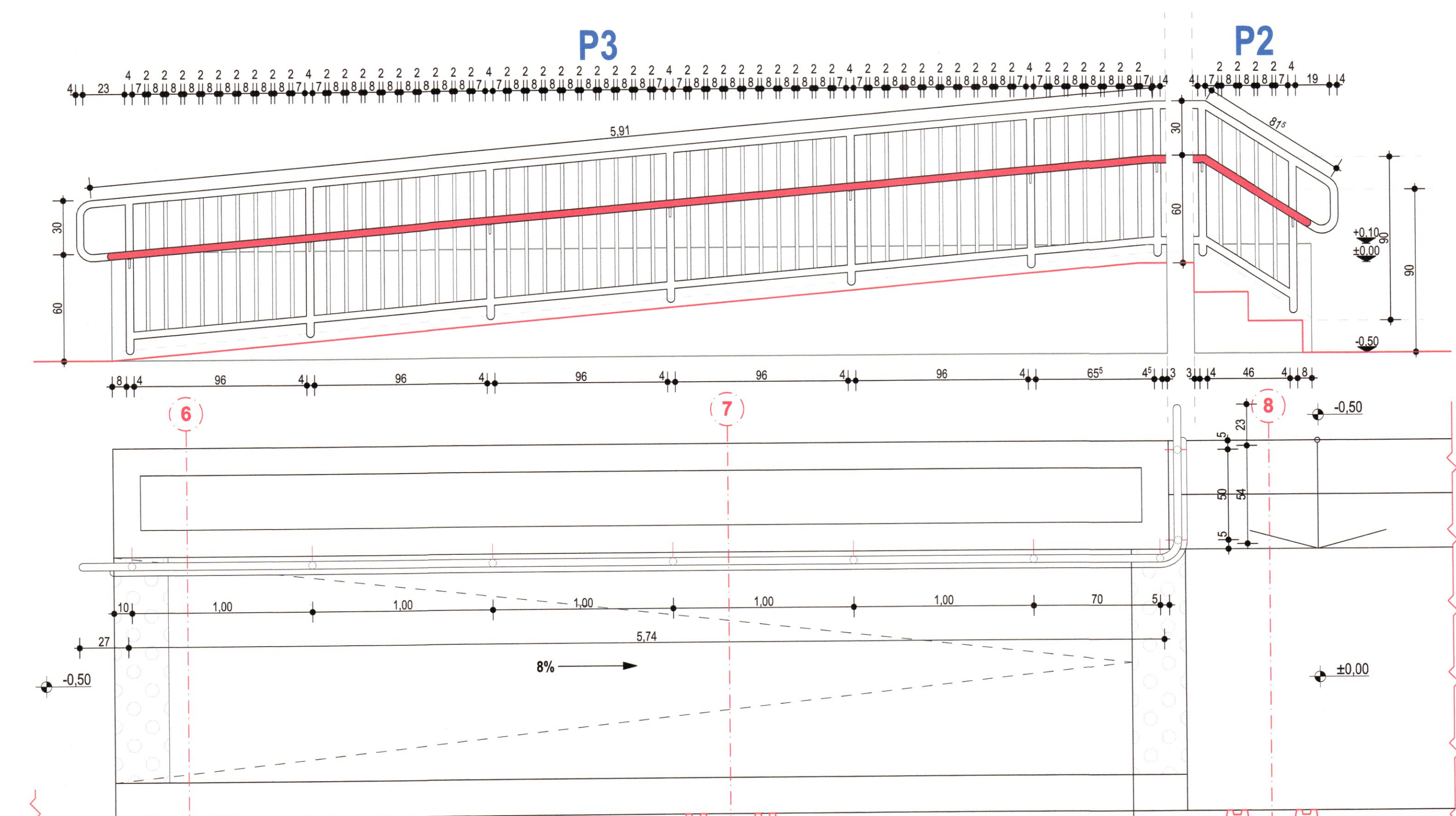
PANOURI DIN OTEL ROTUND D=20,0 mm
 Caracteristici Otel rotund 20 mm:
 Lungime fabricatie - 6 ml
 Diametru - 20 mm
 Greutatea teoretica otel rotund 20 mm - 2.47 kg/ml



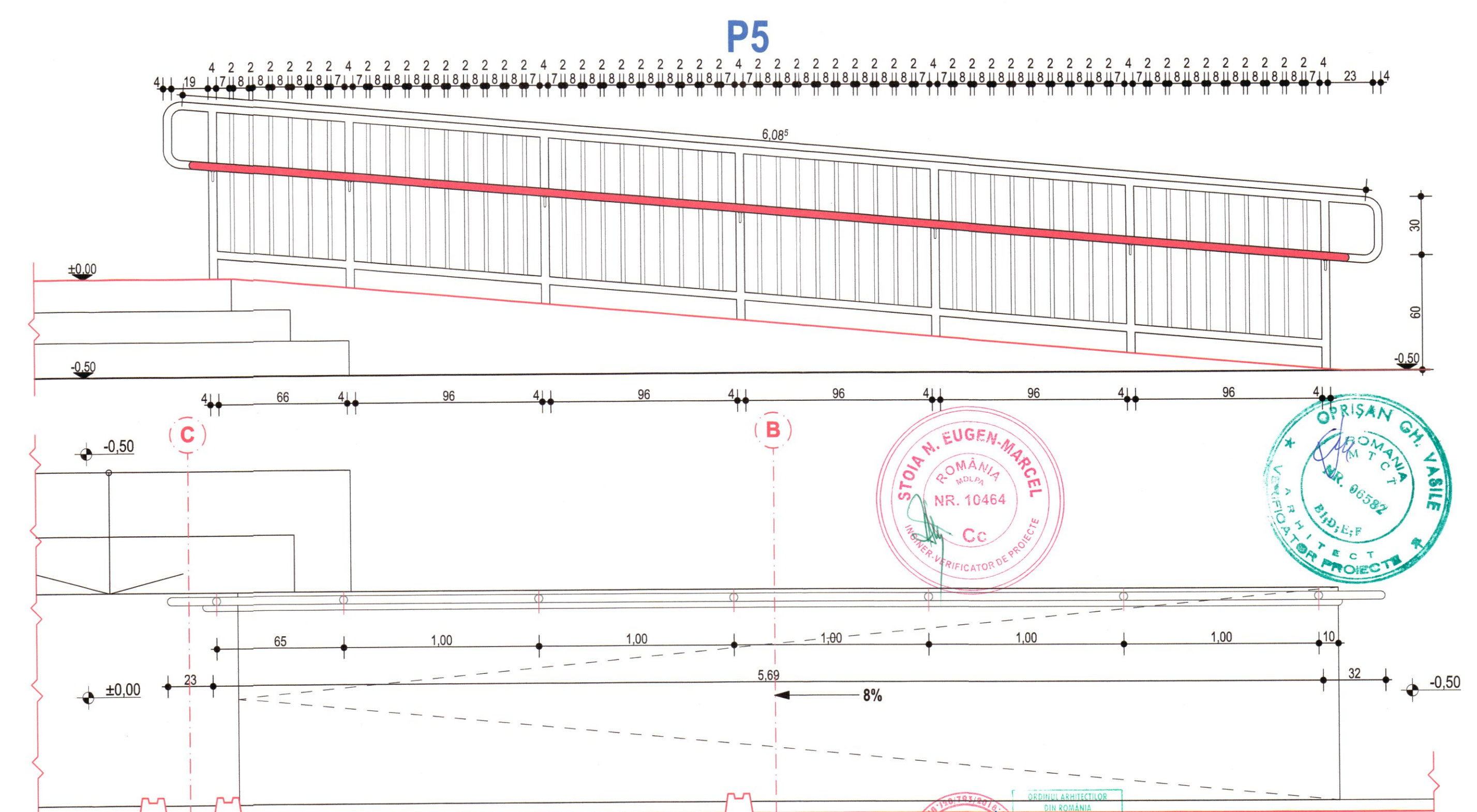
BALUSTRADA 1 - PODEST SI TREPTE ACCES PRINCIPAL
 FRAGMENT DE PLAN SI VEDERE
 sc. 1:20



BALUSTRADA 3 - PODEST SI TREPTE ACCES CABINET FRAGMENT DE PLAN SI VEDERE
 sc. 1:20

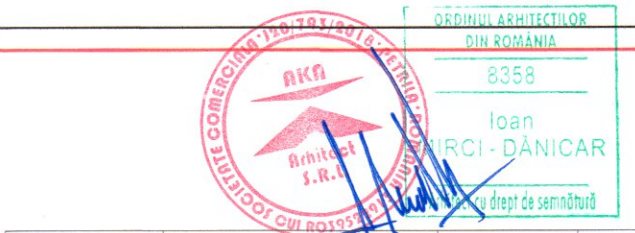
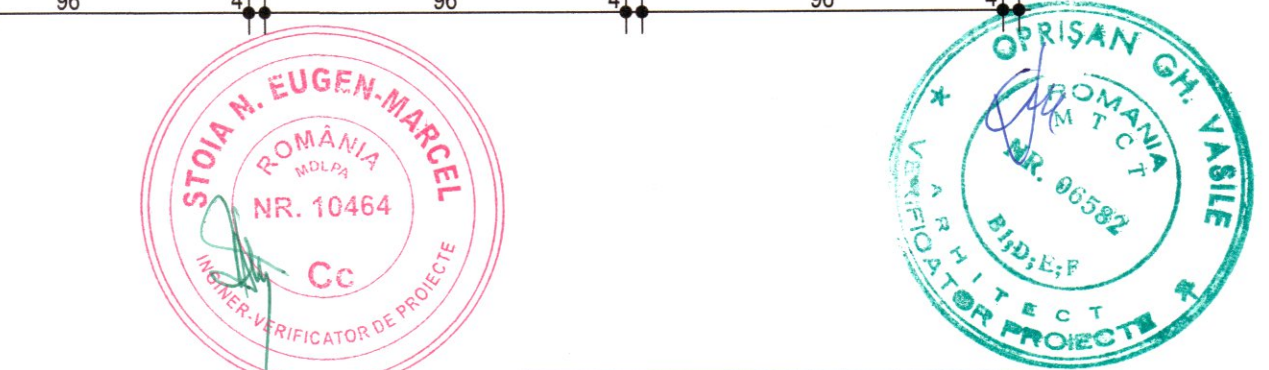


BALUSTRADA 2 - RAMPA SI TREPTE ACCES PRINCIPAL
 FRAGMENT DE PLAN SI VEDERE
 sc. 1:20



BALUSTRADA 4 - RAMPA ACCES SECUNdar
 FRAGMENT DE PLAN SI VEDERE
 sc. 1:20

GRAD DE REZISTENTA LA FOC - II
 CATEGORIA DE IMPORTANTANTA C - normala
 CLASA DE IMPORTANTANTA II



Verificator/Expert	Nume	Semnatura	Cerinta	Referat / Expertiza nr. / data	Nr. pr.
	PROJECTANT GENERAL				
	S.C. AKA Arhitect S.R.L.			Beneficiar:	17/2025
				municipiul Brad, scoala gimnaziala „Mircea Sântimbreanu”	
Specificatia	Nume	Semnatura	Scara	Titlu proiect:	Faza:
Sef Proiect	arh. Mirci-Danicar Ioan		1:20	SCOLA GIMNAZIALA „Mircea Sântimbreanu”, Brad	DTAC/Ph
Proiectat	arh. Cojocărescu Iulia			Municipiul Brad, strada Libertatii, nr. 23, Jud. Harghita, C.F. nr.01401, 01403, 01404	PI.Nr.
Desenat	arh. Cojocărescu Iulia		Data 07.2025	DETALII DE EXECUTIE - BALUSTRADE EXTERIOARE	D-05