

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and material specifications.

**Dimensions and Features:**

- Overall length: 190
- Overall width: 137
- Top flange width: 184
- Top flange thickness: 10
- Top flange material: C=220
- Top flange material: 2x C40
- Top flange material: 2x H4 # 10
- Top flange material: C=165
- Top flange material: 2 H4 # 5
- Top flange material: C=253
- Top flange material: 14/50
- Top flange material: 20 H5 # 5 C=119
- Top flange material: 15
- Top flange material: 2 H2 # 12.5
- Top flange material: C=545
- Top flange material: P14
- Top flange material: V18
- Top flange material: V18
- Top flange material: P9
- Top flange material: 11

Structural drawing of a beam section showing reinforcement details. The beam is labeled "14/50" at three locations. Reinforcement includes 2 N2 # 10 C-923 at the top, 2 N3 # 10 C-294 at the bottom, and 2 N2 # 10 C-1123 at the bottom. Vertical dimensions are 14/50, 14/50, and 14/50. Horizontal dimensions are 14/50, 14/50, and 14/50. A section line "1-1" is shown on the right.

Figure 1 is an elevation drawing of the front facade of the building. It shows a symmetrical structure with a central entrance and two side wings. The central entrance features a pediment supported by columns. The side wings have gabled roofs. The drawing includes dimensions for height and width, and labels for structural elements like columns and beams.

The drawing shows a rectangular reinforced concrete slab with the following details:

- Top View:**
  - Overall dimensions: 14'0" by 14'0".
  - Reinforcement: 2 N5 @ 10 C=600 (top), 2 N5 @ 10 C=170 (bottom).
  - Staircase cutout: 14'0" by 14'0" with a 12" wide opening.
- Bottom View:**
  - Reinforcement: 2 N1 @ 10 C=701 (top), 2 N3 @ 10 C=460 (bottom).
  - Staircase cutout: 14'0" by 14'0" with a 12" wide opening.
- Labels:** P23, P24, P25, P26.

ACQ	PDS	BIT	QUANT	COMPLEMENT	
				UNIT	TOTAL
V101		nn			
	30A	1	2	851	1702
	30A	2	2	1115	2230
	30A	3	2	965	1730
	30A	4	10	945	1820
	30A	5	10	856	1712
V102=V103=V106=V107 (O4)	30A	6	10	844	1688
	30A	7	10	478	946
	30A	8	10	302	604
	30A	9	2	170	340
	30A	10	2	119	238
	30A	2	12.5	8	425
V104	30A	2	3	76	152
	30A	3	3	76	152
	30A	4	10	228	666
	30A	5	10	545	1090
V105	30A	2	3	165	330
	30A	3	3	165	330
	30A	4	10	165	330
	30A	5	10	119	238
V106	30A	1	10	125	250
	30A	2	10	125	250
	30A	3	10	925	1850
	30A	4	10	412	824
V108	30A	1	2	475	950
	30A	2	2	444	888
	30A	3	10	22	44
	30A	4	10	22	44
V109	30A	1	5	255	510
	30A	2	10	210	420
	30A	3	10	435	870
	30A	4	10	22	44
V110	30A	1	10	701	1402
	30A	2	10	680	1360
	30A	3	10	530	1060
	30A	4	10	464	928
	30A	5	10	170	340
	30A	6	5	116	232

RESUMO DE AÇO			
AÇO	BIT	CDMPR	PESO
	mm	n	kgf
50A	5	427	66
50A	8	9	3
50A	10	245	151
50A	12,5	45	43
Peso Total		50A =	264 kgf



PROJETO EXECUTIVO  
PROJETO ESTRUTURAL DO OBSERVATÓRIO DO ENSINO HÍBRIDO  
LIVEL  
AV. LATERAL ESQUERDA DO CAMPUS A.C. SIMÕES, AO LADO DO INST. DE COMPUTAÇÃO  
PROJETO 1990  
UNIVERSIDADE FEDERAL DE ALAGOAS - UFAL  
PONTA  
ARMAÇÃO DOS BALDAMES  
ESCALA: 1/50 Nº P255/2022  
RESPONSÁVEL TÉCNICO  
ENG. CIVIL DANIANA ALVES CREA-BA 56.339

**DANIANA ALVES**