

[illegible]

Technical drawing of a cable layout for a cable-stayed bridge, showing three cable profiles (V104a, V104b, V104c) and their respective stay cable specifications. The drawing includes dimensions for cable lengths, diameters, and cross-sectional areas, as well as a detailed view of the cable profile.

Cable Specifications:

- V104a-20/60:**
 - 1 N1 ϕ 12.5 C=490
 - 1 N2 ϕ 12.5 C=235
 - 2 N3 ϕ 5 C=295
 - 2 N4 ϕ 16 C=525
 - 1 N5 ϕ 16 C=375
 - 3 N6 ϕ 10 C=175
- V104b-20/60:**
 - 1 N1 C/17.5 ϕ 5
 - 2 N11 C/17.5 ϕ 5
 - 2 ϕ 12.5
 - 3 ϕ 12.5
 - 2 ϕ 12.5 + 2 ϕ 16
 - 3 ϕ 16
 - 3 ϕ 16
 - 2 ϕ 5
 - 3 ϕ 10
- V104c-20/60:**
 - 1 N1 C/17.5 ϕ 5
 - 2 N11 C/17.5 ϕ 5
 - 2 ϕ 12.5
 - 3 ϕ 12.5
 - 2 ϕ 12.5 + 2 ϕ 16
 - 3 ϕ 16
 - 3 ϕ 16
 - 2 ϕ 5
 - 3 ϕ 10

Dimensions and Notes:

- Overall length: 665
- Segment lengths: 189, 166, 168
- Segment lengths: 92, 27
- Dimensions: 135, 40, 624, 718, 649
- Notes: R=4

Technical drawing of a mechanical part. The top view shows a rectangular shape with a central rectangular hole. The outer dimensions are 12.5 (width) and 10 (height). The inner hole has a width of 5 and a height of 3. The side view shows a rectangular shape with a height of 4 and a width of 5. The part is labeled 66 N11.

	AÇO	POS	BIT	QUANT	COMPRIMENTO	
					UNIT	TOTAL
			mm		cm	cm
V103	60B	1	5	2	245	490
	50A	2	10	3	185	555
	50A	3	5	2	330	660
	50A	4	12,5	2	360	720
	50A	5	12,5	2	255	510
	50A	6	10	3	175	525
	50A	7	12,5	2	545	1090
	50A	8	12,5	1	355	355
	50A	9	12,5	2	610	1220
	60B	10	12,5	2	520	1040
V104	60B	11	5	29	165	4785
	60B	12	5	3	151	4832
	60B	13	5	4	1109	4436
V104	50A	1	12,5	2	490	980
	50A	2	12,5	1	235	235
	60B	3	5	2	295	590
	50A	4	16	2	525	1050
	50A	5	16	1	375	375
	50A	6	10	3	175	525
	50A	7	10	2	718	1436
	50A	8	10	1	180	180
	50A	9	10	2	320	640
	60B	10	16	2	649	1298
V112	60B	11	5	66	151	9966
V112	60B	1	5	2	295	590
	50A	2	16	2	470	940
	50A	3	16	2	375	750
	50A	4	16	2	595	1190
	50A	5	16	1	290	290
	50A	6	12,5	2	945	1890
	50A	7	12,5	2	470	940
	50A	8	10	2	315	630
	50A	9	10	2	130	260
	60B	10	5	78	151	11778
V113	50A	1	10	3	270	810
	50A	2	16	2	560	1120
	50A	3	16	2	360	720
	50A	4	10	3	368	1104
	50A	5	20	2	490	980
	50A	6	20	1	325	325
	50A	7	12,5	2	470	940
	50A	8	12,5	1	330	330
	50A	9	10	2	445	890
	50A	10	10	2	275	550
	50A	11	20	2	535	1070
	50A	12	20	1	290	290
	50A	13	6,3	2	96	192
	50A	14	6	4	106	424
	60B	15	8	30	151	4530
	50A	16	8	46	154	7084

RESUMO DE AÇO				
ACO	BIT	COMPR	PESO	
	mm	m	kgf	
60B	5	427	66	
50A	6,3	2	0	
50A	8	75	30	
50A	10	81	50	
50A	12,5	103	99	
50A	16	77	122	
50A	20	27	66	
Peso Total	60B =		66 kgf	
Peso Total	50A =		367 kgf	

Technical drawing of a mechanical assembly, showing three views: V112a-20/60, V112b-20/60, and V112c-20/60. The drawing includes dimensions, hole specifications, and center-to-center distances.

View V112a-20/60:

- Top edge: 2 N2 Ø 16, C=470
- Bottom edge: 2 N3 Ø 16, C=375
- Internal hole: 1 Ø 2aCAM
- Section line A-A

View V112b-20/60:

- Top edge: 2 N4 Ø 16, C=595
- Bottom edge: 1 N5 Ø 16, C=290
- Internal hole: 2 N1 Ø 5, C=295
- Section line B-B

View V112c-20/60:

- Top edge: 2 N7 Ø 12.5, C=470
- Bottom edge: 2 N6 Ø 12.5, C=945
- Internal hole: 2 N9 Ø 10, C=130
- Section line B-B

Dimensions and Hole Specifications:

- Hole 1: 1 Ø 2aCAM
- Hole 2: 2 N2 Ø 16, C=470
- Hole 3: 2 N3 Ø 16, C=375
- Hole 4: 2 N4 Ø 16, C=595
- Hole 5: 1 N5 Ø 16, C=290
- Hole 6: 2 N1 Ø 5, C=295
- Hole 7: 2 N7 Ø 12.5, C=470
- Hole 8: 2 N6 Ø 12.5, C=945
- Hole 9: 2 N9 Ø 10, C=130

Section Lines:

- A-A
- B-B

Technical drawing of a reinforced concrete slab (V113) showing three sections: V113a, V113b, and V113c. The drawing includes dimensions, reinforcement details (e.g., 3 N1 10, 2 N2 16), and section markers (P25, P17, P10, P2).

Technical drawing of a rectangular plate. The drawing shows a top view and a side view. The top view is a rectangle with a width of 30 and a height of 46. The side view is a rectangle with a height of 54 and a width of 4. The drawing includes dimensions and material specifications:

- Top view dimensions: 30 N15 ϕ 5 C=151
- Side view dimensions: 54
- Material specifications: 46 N16 ϕ 8 C=154

EXE				
EXE				
EXE				
TIPO	REV	DESCRIÇÃO	DESENHO	DATA
REVISÕES				
MINISTÉRIO PÚBLICO DO ESTADO DE MINAS GERAIS SEDE DA PROMOTORIAS DE JUSTIÇA DE CAPELINHA				
ENDEREÇO RUA DAS HORTÊNCIAS, S/Nº, BAIRRO BOUGANVILLE, CAPELINHA, MG			ÁREA DO TERRENO: 1504,05 m²	
PROPRIETÁRIO: ESTADO DE MINAS GERAIS – VINCULADO À PROCURADORIA-GERAL DE JUSTIÇA DO ESTADO DE MINAS GERAIS			CNPJ: 20.971.057/0001-45	
PROJETO ESTRUTURAL				
IMPLANTAÇÃO – PADRÃO A5.2			ETAPA: EXECUTIVO	ÁREA CONSTRUÍDA: 921,74 m²
UNIDADE RESPONSÁVEL DIRETORIA DE PROJETOS DE EDIFICAÇÕES/SUPERINTENDÊNCIA DE ENGENHARIA E ARQUITETURA				
RESPONSÁVEL TÉCNICO PELO PROJETO SILVANA GUALTIERI DE CARVALHO			CREA: 63.117/D	
CONTEÚDO: Armazenagem de vigas do térreo Parte 04/05 V103 / V104 / V112 / V113			DATA: 17/10/2024 ESCALA: 1:50	FOLHA: 34/40