

[illegible]

Corte A      Corte B      Corte C      Corte D

3 # 5 C=100      28 N3 # 5 C=100      7 N3 # 5 C=100      3 N3 # 5 C=100

	ACO	POS	BIT (mm)	QUANT	COMPR UNIT (mm)
V1	S0A	1	8	2	950
	S0A	1	8	4	380
	S0A	3	8	4	100
	S0B	4	5	34	100
V2	S0B	5	5	7	100
	S0A	3	8	2	950
	S0A	3	8	2	100
	S0A	3	8	41	100
V3	S0A	1	10	2	566
	S0A	1	10	2	1005
	S0A	3	8	2	445
	S0A	4	10	2	445
	S0A	5	10	10	325
	S0A	6	10	10	380
	S0A	8	8	2	175
	S0B	9	5	60	110
	S0B	10	5	2	212
	S0B	12	5	2	212
V4	S0B	13	5	2	282
	S0A	1	10	2	1100
	S0A	3	10	2	702
	S0A	4	8	2	902
	S0A	5	10	2	575
	S0A	6	10	2	160
	S0B	7	5	76	100
	S0B	8	5	100	5
	S0B	9	5	4	408
	S0B	10	5	2	290

	AOQ	POS	BIT (mm)	QUANT	UNITS COMPR
V5	50A	1	8	2	940
	50B	2	12,5	2	697
	50C	3	12,5	1	529
	50D	4	5	1	635
	50E	5	8	2	1010
	50F	6	40,0	10	240
	50G	7	10	2	540
	50H	8	8	2	760
	50I	9	8	8	1000
	50J	10	5	68	105
V6	60B	10	10	12	1000
	60C	12	6,3	23	108
	60D	13	5	23	105
	60E	14	5	2	447
	60F	15	5	2	1159
	60G	16	5	2	235
V7	70A	1	8	2	255
	70B	2	8	8	1000
	70C	3	8	8	1000
	70D	4	5	8	1000
	70E	5	5	2	199
V8	80A	1	8	2	165
	80B	2	8	2	525
	80C	3	8	8	160
	80D	4	8	2	245
	80E	5	8	8	285
	80F	6	8	2	300
	80G	7	8	8	160
	80H	8	5	6	105
	80I	9	5	10	105
	80J	10	5	14	100
V9	90A	11	5	10	275
	90B	12	5	2	280
	90C	13	5	2	280
	90D	14	5	2	280
	90E	15	5	2	280
V10	100A	1	8	2	457
	100B	2	12,5	2	559
	100C	3	10	1	130
	100D	4	4	2	420
	100E	5	12,5	2	500
	100F	6	12,5	1	290
	100G	7	8	1	160
	100H	8	5	20	105
	100I	9	5	31	145
	100J	10	5	30	380
V9	50A	11	6,3	6	463
	50B	12	6,3	2	915
	50C	13	6,3	2	885
	50D	14	6,3	2	875
	50E	15	6,3	6	820
V10	100A	1	8	2	655
	100B	2	8	2	685
	100C	3	8	8	685
	100D	4	5	3	1000
	100E	5	5	20	1000
	100F	6	5	2	591

[illegible]

Figure 1 consists of four diagrams labeled A, B, C, and D, each showing a cross-section of a mandible. Each diagram has a vertical scale on the left with markings at 9, 35, and 50. Diagram A shows a cross-section with a width of 28 mm and a height of 10 mm. Diagram B shows a cross-section with a width of 28 mm and a height of 10 mm. Diagram C shows a cross-section with a width of 28 mm and a height of 10 mm. Diagram D shows a cross-section with a width of 28 mm and a height of 10 mm.

Figure 1 shows schematic drawings of three types of cortical bone specimens: Corte A, Corte B, and Corte C. Each specimen is a rectangular block with a central hole. The dimensions are given in millimeters (mm). For Corte A, the overall dimensions are 10 mm (width) x 5 mm (height) x 2 mm (thickness), and the hole is 2 mm (width) x 2 mm (height). For Corte B, the overall dimensions are 10 mm (width) x 5 mm (height) x 2 mm (thickness), and the hole is 2 mm (width) x 2 mm (height). For Corte C, the overall dimensions are 10 mm (width) x 5 mm (height) x 2 mm (thickness), and the hole is 2 mm (width) x 2 mm (height). The drawings are labeled with 'Corte A', 'Corte B', and 'Corte C' respectively.

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	708	113
50A	6.3	101	25
50A	8	348	139
50A	10	138	8
50A	12.5	43	4
Peso Total		60B =	113 kg
Peso Total		50A =	206 kg

[illegible]

Corte A      Corte B      Corte C      Corte D      Corte E

3 N 7 # 5 C=100      10 N 7 # 5 C=100      24 N 7 # 5 C=100      63 N 7 # 5 C=100      11 N 7 # 5 C=100

Technical drawing of a staircase showing plan and section views.

**Plan View:**

- Top step: 191 (width), 2 N1 Ø 8 C=250 (reinforcement)
- Second step: 261 (width), 3 N2 Ø 8 C=160 (reinforcement)
- Third step: 191 (width), 2 N3 Ø 8 C=235 (reinforcement)
- Bottom step: 190 (width), 2 N2 Ø 8 C=235 (reinforcement)
- Dimensions: 8 x 5 C/250 (total width), 191 (width), 261 (width), 191 (width), 261 (width), 190 (width), 235 (width)
- Labels: P43, P44, P45
- Section line: (corte) 192, 2 N5 Ø 5 C=199
- Dimensions: 77 (width), 6 (height)

**Section View (Corte A):**

- Dimensions: 28 (height), 142 (height), 28 (height), 105 (total height)
- Labels: 7, 5
- Reinforcement: 8 N4 Ø 5 C=105

Technical drawing of a bridge structure, showing various spans, piers, and abutments. The drawing includes dimensions, reinforcement details, and structural labels.

**Top Section:**

- Span 1: 2 N2 # 12.5 C=695 (1 # 20CAM)
- Span 2: 1 N3 # 12.5 C=529
- Span 3: 2 N4 # 8 C=635

**Bottom Section:**

- Span 4: 2 N5 # 8 C=1010
- Span 5: 2 N6 # 10 C=400
- Span 6: 2 N7 # 10 C=240
- Span 7: 2 N8 # 8 C=780
- Span 8: 1 N9 # 8 C=160

**Other Details:**

- Reinforcement: 2 # 5, 2 # 8, 2 # 10, 2 # 12.5, 2 # 15, 2 # 16, 2 # 18, 2 # 20, 2 # 25, 2 # 30, 2 # 35, 2 # 40, 2 # 45, 2 # 50, 2 # 55, 2 # 60, 2 # 65, 2 # 70, 2 # 75, 2 # 80, 2 # 85, 2 # 90, 2 # 95, 2 # 100, 2 # 105, 2 # 110, 2 # 115, 2 # 120, 2 # 125, 2 # 130, 2 # 135, 2 # 140, 2 # 145, 2 # 150, 2 # 155, 2 # 160, 2 # 165, 2 # 170, 2 # 175, 2 # 180, 2 # 185, 2 # 190, 2 # 195, 2 # 200, 2 # 205, 2 # 210, 2 # 215, 2 # 220, 2 # 225, 2 # 230, 2 # 235, 2 # 240, 2 # 245, 2 # 250, 2 # 255, 2 # 260, 2 # 265, 2 # 270, 2 # 275, 2 # 280, 2 # 285, 2 # 290, 2 # 295, 2 # 300, 2 # 305, 2 # 310, 2 # 315, 2 # 320, 2 # 325, 2 # 330, 2 # 335, 2 # 340, 2 # 345, 2 # 350, 2 # 355, 2 # 360, 2 # 365, 2 # 370, 2 # 375, 2 # 380, 2 # 385, 2 # 390, 2 # 395, 2 # 400, 2 # 405, 2 # 410, 2 # 415, 2 # 420, 2 # 425, 2 # 430, 2 # 435, 2 # 440, 2 # 445, 2 # 450, 2 # 455, 2 # 460, 2 # 465, 2 # 470, 2 # 475, 2 # 480, 2 # 485, 2 # 490, 2 # 495, 2 # 500, 2 # 505, 2 # 510, 2 # 515, 2 # 520, 2 # 525, 2 # 530, 2 # 535, 2 # 540, 2 # 545, 2 # 550, 2 # 555, 2 # 560, 2 # 565, 2 # 570, 2 # 575, 2 # 580, 2 # 585, 2 # 590, 2 # 595, 2 # 600, 2 # 605, 2 # 610, 2 # 615, 2 # 620, 2 # 625, 2 # 630, 2 # 635, 2 # 640, 2 # 645, 2 # 650, 2 # 655, 2 # 660, 2 # 665, 2 # 670, 2 # 675, 2 # 680, 2 # 685, 2 # 690, 2 # 695, 2 # 700, 2 # 705, 2 # 710, 2 # 715, 2 # 720, 2 # 725, 2 # 730, 2 # 735, 2 # 740, 2 # 745, 2 # 750, 2 # 755, 2 # 760, 2 # 765, 2 # 770, 2 # 775, 2 # 780, 2 # 785, 2 # 790, 2 # 795, 2 # 800, 2 # 805, 2 # 810, 2 # 815, 2 # 820, 2 # 825, 2 # 830, 2 # 835, 2 # 840, 2 # 845, 2 # 850, 2 # 855, 2 # 860, 2 # 865, 2 # 870, 2 # 875, 2 # 880, 2 # 885, 2 # 890, 2 # 895, 2 # 900, 2 # 905, 2 # 910, 2 # 915, 2 # 920, 2 # 925, 2 # 930, 2 # 935, 2 # 940, 2 # 945, 2 # 950, 2 # 955, 2 # 960, 2 # 965, 2 # 970, 2 # 975, 2 # 980, 2 # 985, 2 # 990, 2 # 995, 2 # 1000, 2 # 1005, 2 # 1010, 2 # 1015, 2 # 1020, 2 # 1025, 2 # 1030, 2 # 1035, 2 # 1040, 2 # 1045, 2 # 1050, 2 # 1055, 2 # 1060, 2 # 1065, 2 # 1070, 2 # 1075, 2 # 1080, 2 # 1085, 2 # 1090, 2 # 1095, 2 # 1100, 2 # 1105, 2 # 1110, 2 # 1115, 2 # 1120, 2 # 1125, 2 # 1130, 2 # 1135, 2 # 1140, 2 # 1145, 2 # 1150, 2 # 1155, 2 # 1160, 2 # 1165, 2 # 1170, 2 # 1175, 2 # 1180, 2 # 1185, 2 # 1190, 2 # 1195, 2 # 1200, 2 # 1205, 2 # 1210, 2 # 1215, 2 # 1220, 2 # 1225, 2 # 1230, 2 # 1235, 2 # 1240, 2 # 1245, 2 # 1250, 2 # 1255, 2 # 1260, 2 # 1265, 2 # 1270, 2 # 1275, 2 # 1280, 2 # 1285, 2 # 1290, 2 # 1295, 2 # 1300, 2 # 1305, 2 # 1310, 2 # 1315, 2 # 1320, 2 # 1325, 2 # 1330, 2 # 1335, 2 # 1340, 2 # 1345, 2 # 1350, 2 # 1355, 2 # 1360, 2 # 1365, 2 # 1370, 2 # 1375, 2 # 1380, 2 # 1385, 2 # 1390, 2 # 1395, 2 # 1400, 2 # 1405, 2 # 1410, 2 # 1415, 2 # 1420, 2 # 1425, 2 # 1430, 2 # 1435, 2 # 1440, 2 # 1445, 2 # 1450, 2 # 1455, 2 # 1460, 2 # 1465, 2 # 1470, 2 # 1475, 2 # 1480, 2 # 1485, 2 # 1490, 2 # 1495, 2 # 1500, 2 # 1505, 2 # 1510, 2 # 1515, 2 # 1520, 2 # 1525, 2 # 1530, 2 # 1535, 2 # 1540, 2 # 1545, 2 # 1550, 2 # 1555, 2 # 1560, 2 # 1565, 2 # 1570, 2 # 1575, 2 # 1580, 2 # 1585, 2 # 1590, 2 # 1595, 2 # 1600, 2 # 1605, 2 # 1610, 2 # 1615, 2 # 1620, 2 # 1625, 2 # 1630, 2 # 1635, 2 # 1640, 2 # 1645, 2 # 1650, 2 # 1655, 2 # 1660, 2 # 1665, 2 # 1670, 2 # 1675, 2 # 1680, 2 # 1685, 2 # 1690, 2 # 1695, 2 # 1700, 2 # 1705, 2 # 1710, 2 # 1715, 2 # 1720, 2 # 1725, 2 # 1730, 2 # 1735, 2 # 1740, 2 # 1745, 2 # 1750, 2 # 1755, 2 # 1760, 2 # 1765, 2 # 1770, 2 # 1775, 2 # 1780, 2 # 1785, 2 # 1790, 2 # 1795, 2 # 1800, 2 # 1805, 2 # 1810, 2 # 1815, 2 # 1820, 2 # 1825, 2 # 1830, 2 # 1835, 2 # 1840, 2 # 1845, 2 # 1850, 2 # 1855, 2 # 1860, 2 # 1865, 2 # 1870, 2 # 1875, 2 # 1880, 2 # 1885, 2 # 1890, 2 # 1895, 2 # 1900, 2 # 1905, 2 # 1910, 2 # 1915, 2 # 1920, 2 # 1925, 2 # 1930, 2 # 1935, 2 # 1940, 2 # 1945, 2 # 1950, 2 # 1955, 2 # 1960, 2 # 1965, 2 # 1970, 2 # 1975, 2 # 1980, 2 # 1985, 2 # 1990, 2 # 1995, 2 # 2000, 2 # 2005, 2 # 2010, 2 # 2015, 2 # 2020, 2 # 2025, 2 # 2030, 2 # 2035, 2 # 2040, 2 # 2045, 2 # 2050, 2 # 2055, 2 # 2060, 2 # 2065, 2 # 2070, 2 # 2075, 2 # 2080, 2 # 2085, 2 # 2090, 2 # 2095, 2 # 2100, 2 # 2105, 2 # 2110, 2 # 2115, 2 # 2120, 2 # 2125, 2 # 2130, 2 # 2135, 2 # 2140, 2 # 2145, 2 # 2150, 2 # 2155, 2 # 2160, 2 # 2165, 2 # 2170, 2 # 2175, 2 # 2180, 2 # 2185, 2 # 2190, 2 # 2195, 2 # 2200, 2 # 2205, 2

Corte A      Corte B      Corte C      Corte D

7  
5

7  
5

7  
5

7  
5

40 N10 # 5 C=105      18 N11 # 5 C=100      15 N10 # 5 C=105      13 N10 # 5 C=105

[illegible]

Figure 1 shows schematic drawings of three types of cortical bone specimens: Corte A, Corte B, and Corte C. Each drawing includes dimensions in millimeters (mm) and the number of specimens for each type (NB for normal bone, C for cortical bone).

- Corte A:** Dimensions are 10 mm (width) and 10 mm (height). The number of specimens is 9 NB, 5 C, 105.
- Corte B:** Dimensions are 18 mm (width) and 10 mm (height). The number of specimens is 11 NB, 5 C, 105.
- Corte C:** Dimensions are 12.5 mm (width) and 10 mm (height). The number of specimens is 31 NB, 5 C, 145.

[illegible]

**Corte A**

2 x 8  
2 x 8  
7  
35

3 N4 # 5 C=100

**Corte B**

2 x 8  
2 x 8  
7  
35

26 N5 # 5 C=105

Technical drawing of a rectangular frame. The drawing includes the following specifications:

- Top Section:**
  - Overall width: 821
  - Top rail: 2 N1 ø 10 C=915
  - Inner width: 41 ø 5 C/20 N4 (607)
- Bottom Section:**
  - Bottom rail: 2 N3 ø 10 C=875
  - Inner width: 41 ø 5 C/20 N4 (607)
- Side Sections:**
  - Left side: P53
  - Right side: P54
  - Side rail: 2 N2 ø 10 C=875
  - Inner height: 814 (2 ø 20CAM)
- Material and Dimensions:**
  - Material: 41 N4 ø 5 C=14
  - Overall height: 820
  - Overall width: 821
  - Overall height: 814
  - Overall width: 820


Corte A

7

55

41 N4 Ø 5 C=140

CONCRETO		CARGAS PARA DIMENSIONAMENTO
Fck=	25 MPa	A/C Mbr.= 0,60
E <sub>cm</sub> =	28 GPa	
		CARGA UTILIZAÇÃO Kg/m²
		REVESTIMENTO PISO Kg/m²
MATERIAL :	TUJOLO CERÂMICO DE 6 FUROS	
REVESTIMENTO:	cm	
MATERIAL DE ENCHIMENTO:	Kg/m³	
REVESTIMENTO :	cm	
A = m de C/D=	/ /	
A = m de C/D=	/ /	
A = m de C/D=	/ /	
A = m de C/D=	/ /	

	GOVERNO DO ESTADO DO PARANÁ		ESTADO REGIONAL
	SE - SECRETARIA DE INFRAESTRUTURA E LOGÍSTICA		
	PARANÁ EDIFICAÇÕES		
	GERÊNCIA DE PROJETOS		
PROPOSTA Nº	MUNICÍPIO		
GOVERNO DO ESTADO DO PARANÁ			
USO			
LOCAL DE SAÍDA DA FAMILIA - PORTE 1 / PSE DO RESIDENCIAL JAILETA LORGANI			
LOCAL DE DESTINO			
PLA 505 INDUS SULA IV - QUADRA 07			
USO RESIDENCIAL DO HABITADO			
AUTOR DO PROJETO/REGISTRO PROJ	JOSE L. BERNARDI CREA 13410-78	PROJETO	
AUTOR DO PROJETO/REGISTRO PROJ	JOSE L. BERNARDI CREA 13410-78	ESTRUTURAL	
RESPONSABLE TECNICO/REGISTRO PROJ	ARM. VIGAS DO HABITADO	ARM. VIGAS DO HABITADO	
MEP - ARQUITETURA E PLANEJAMENTO LTDA - EPP	DESENHO	MADEIRA	
CNPJ Nº 07.728.904/0001-28	SOLO	FEVREIRO/2014	
CPF Nº 07.728.904-01	ESTRUTURA DE FERRO		
CPF Nº 07.728.904-01	ESTRUTURA DE FERRO	1,00	
CPF Nº 07.728.904-01			

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