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

- Top View:**
  - Overall dimensions: 4.0m by 2.0m.
  - Reinforcement: 2 N1  $\varnothing$  10 C=433, 2 N2  $\varnothing$  20 C=355, 2 N3  $\varnothing$  16 C=380 (2  $\varnothing$  2 $\varnothing$ 04), 2 N4  $\varnothing$  10 C=434.
  - Dimensions: 393, 127, 177, 53.
- Side View:**
  - Reinforcement: 76  $\varnothing$  8 C=170 (N11 C=194), 8  $\varnothing$  8 C=270 (N11 C=267), 72  $\varnothing$  8 C=170 (N11 C=194).
  - Dimensions: 2  $\times$  10, 2  $\times$  20, 3  $\times$  20, 5  $\times$  10, 2  $\times$  20  $\times$  5  $\times$  16.
- Section A-A:**
  - Dimensions: 14, 12.
  - Reinforcement: 53 N10  $\varnothing$  8 C=131, 8 N11  $\varnothing$  6.3 C=130.
- Bottom View:**
  - Reinforcement: 2 N5  $\varnothing$  16 C=465, 3 N7  $\varnothing$  10 C=190, 2 N9  $\varnothing$  16 C=390, 2 N5  $\varnothing$  16 C=585, 2 N8  $\varnothing$  16 C=615.
  - Dimensions: 440, 161, 110, 65.

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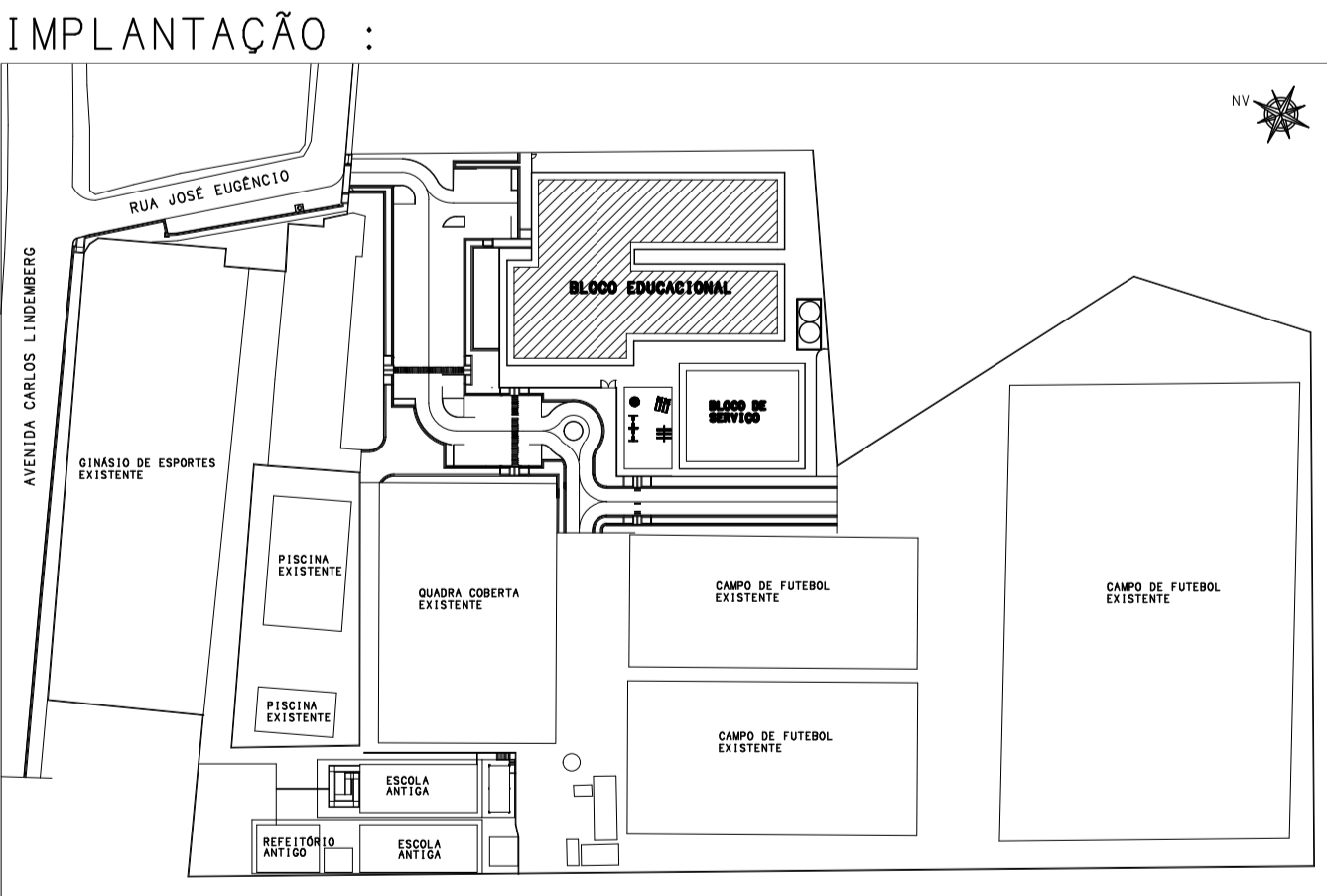
Technical drawing of a steel beam (Corte A) showing dimensions and specifications. The beam is a 300x300x10 mm I-beam. The drawing includes a side view (Corte A) and a top view. Key dimensions include: total length 12.00 m, support spacing 10.00 m, and various section lengths (e.g., 2.00 m, 3.00 m, 4.00 m). Material specifications are given as 3 N2 + 18 C=555 and 2 N2 + 18 C=555. The drawing also shows the beam's profile and the location of the cut (Corte A).

Technical drawing of a structural connection between a column and a beam. The drawing shows a cross-section of a concrete column (Corte) with a steel beam (P74) passing through it. The beam is composed of two main sections: a top section (P74) and a bottom section (P4). The connection is detailed with reinforcement bars (N1, N2, N3, N4, N5, N6, N7, N8, N9, N10, N11, N12, N13, N14), stirrups (C), and welds (W). Dimensions are given in millimeters (mm) and centimeters (cm). The drawing includes a section line 'Corte' and a detail callout '43 N14 ø 6.3'.

The drawing shows a reinforced concrete slab (Laje) with the following details:

- Top View (Left):** Shows the layout of reinforcement bars. Key dimensions include 230, 16, 52, 134, 451, 155, 77, 96, 86, 220, 225, 15X50, 20X70, and 15X50. Reinforcement bars are labeled with numbers and diameters, such as 4 N1 # 10 C=70, 2 N4 # 16 C=495, 1 N2 # 16 C=375, 2 N7 # 8 C=230, 2 N5 # 16 C=220 (2 # 20CAM), 2 N6 # 16 C=415, 2 N3 # 10 C=225, 2 N5 # 16 C=220 (2 # 20CAM), and 2 N8 # 10 C=550.
- Top View (Right):** Shows the layout of reinforcement bars with dimensions 15X50, 15X50, 20X70, 15X50, 23, 39, and 23. Reinforcement bars are labeled with numbers and diameters, such as 2 N1 # 16 C=370, 2 N10 # 16 C=500, 2 N11 # 16 C=370, 2 N12 # 10 C=480, 2 N13 # 10 C=345 (2 # 20CAM), 2 N14 # 16 C=482, 2 N15 # 16 C=420, 2 N16 # 16 C=420, 2 N17 # 16 C=420, 2 N18 # 16 C=420, 2 N19 # 16 C=420, 2 N20 # 16 C=420, 2 N21 # 16 C=420, 2 N22 # 16 C=420, 2 N23 # 16 C=420, 2 N24 # 16 C=420, 2 N25 # 16 C=420, 2 N26 # 16 C=420, 2 N27 # 16 C=420, 2 N28 # 16 C=420, 2 N29 # 16 C=420, 2 N30 # 16 C=420, 2 N31 # 16 C=420, 2 N32 # 16 C=420, 2 N33 # 16 C=420, 2 N34 # 16 C=420, 2 N35 # 16 C=420, 2 N36 # 16 C=420, 2 N37 # 16 C=420, 2 N38 # 16 C=420, 2 N39 # 16 C=420, 2 N40 # 16 C=420, 2 N41 # 16 C=420, 2 N42 # 16 C=420, 2 N43 # 16 C=420, 2 N44 # 16 C=420, 2 N45 # 16 C=420, 2 N46 # 16 C=420, 2 N47 # 16 C=420, 2 N48 # 16 C=420, 2 N49 # 16 C=420, 2 N50 # 16 C=420, 2 N51 # 16 C=420, 2 N52 # 16 C=420, 2 N53 # 16 C=420, 2 N54 # 16 C=420, 2 N55 # 16 C=420, 2 N56 # 16 C=420, 2 N57 # 16 C=420, 2 N58 # 16 C=420, 2 N59 # 16 C=420, 2 N60 # 16 C=420, 2 N61 # 16 C=420, 2 N62 # 16 C=420, 2 N63 # 16 C=420, 2 N64 # 16 C=420, 2 N65 # 16 C=420, 2 N66 # 16 C=420, 2 N67 # 16 C=420, 2 N68 # 16 C=420, 2 N69 # 16 C=420, 2 N70 # 16 C=420, 2 N71 # 16 C=420, 2 N72 # 16 C=420, 2 N73 # 16 C=420, 2 N74 # 16 C=420, 2 N75 # 16 C=420, 2 N76 # 16 C=420, 2 N77 # 16 C=420, 2 N78 # 16 C=420, 2 N79 # 16 C=420, 2 N80 # 16 C=420, 2 N81 # 16 C=420, 2 N82 # 16 C=420, 2 N83 # 16 C=420, 2 N84 # 16 C=420, 2 N85 # 16 C=420, 2 N86 # 16 C=420, 2 N87 # 16 C=420, 2 N88 # 16 C=420, 2 N89 # 16 C=420, 2 N90 # 16 C=420, 2 N91 # 16 C=420, 2 N92 # 16 C=420, 2 N93 # 16 C=420, 2 N94 # 16 C=420, 2 N95 # 16 C=420, 2 N96 # 16 C=420, 2 N97 # 16 C=420, 2 N98 # 16 C=420, 2 N99 # 16 C=420, 2 N100 # 16 C=420, 2 N101 # 16 C=420, 2 N102 # 16 C=420, 2 N103 # 16 C=420, 2 N104 # 16 C=420, 2 N105 # 16 C=420, 2 N106 # 16 C=420, 2 N107 # 16 C=420, 2 N108 # 16 C=420, 2 N109 # 16 C=420, 2 N110 # 16 C=420, 2 N111 # 16 C=420, 2 N112 # 16 C=420, 2 N113 # 16 C=420, 2 N114 # 16 C=420, 2 N115 # 16 C=420, 2 N116 # 16 C=420, 2 N117 # 16 C=420, 2 N118 # 16 C=420, 2 N119 # 16 C=420, 2 N120 # 16 C=420, 2 N121 # 16 C=420, 2 N122 # 16 C=420, 2 N123 # 16 C=420, 2 N124 # 16 C=420, 2 N125 # 16 C=420, 2 N126 # 16 C=420, 2 N127 # 16 C=420, 2 N128 # 16 C=420, 2 N129 # 16 C=420, 2 N130 # 16 C=420, 2 N131 # 16 C=420, 2 N132 # 16 C=420, 2 N133 # 16 C=420, 2 N134 # 16 C=420, 2 N135 # 16 C=420, 2 N136 # 16 C=420, 2 N137 # 16 C=420, 2 N138 # 16 C=420, 2 N139 # 16 C=420, 2 N140 # 16 C=420, 2 N141 # 16 C=420, 2 N142 # 16 C=420, 2 N143 # 16 C=420, 2 N144 # 16 C=420, 2 N145 # 16 C=420, 2 N146 # 16 C=420, 2 N147 # 16 C=420, 2 N148 # 16 C=420, 2 N149 # 16 C=420, 2 N150 # 16 C=420, 2 N151 # 16 C=420, 2 N152 # 16 C=420, 2 N153 # 16 C=420, 2 N154 # 16 C=420, 2 N155 # 16 C=420, 2 N156 # 16 C=420, 2 N157 # 16 C=420, 2 N158 # 16 C=420, 2 N159 # 16 C=420, 2 N160 # 16 C=420, 2 N161 # 16 C=420, 2 N162 # 16 C=420, 2 N163 # 16 C=420, 2 N164 # 16 C=420, 2 N165 # 16 C=420, 2 N166 # 16 C=420, 2 N167 # 16 C=420, 2 N168 # 16 C=420, 2 N169 # 16 C=420, 2 N170 # 16 C=420, 2 N171 # 16 C=420, 2 N172 # 16 C=420, 2 N173 # 16 C=420, 2 N174 # 16 C=420, 2 N175 # 16 C=420, 2 N176 # 16 C=420, 2 N177 # 16 C=420, 2 N178 # 16 C=420, 2 N179 # 16 C=420, 2 N180 # 16 C=420, 2 N181 # 16 C=420, 2 N182 # 16 C=420, 2 N183 # 16 C=420, 2 N184 # 16 C=420, 2 N185 # 16 C=420, 2 N186 # 16 C=420, 2 N187 # 16 C=420, 2 N188 # 16 C=420, 2 N189 # 16 C=420, 2 N190 # 16 C=420, 2 N191 # 16 C=420, 2 N192 # 16 C=420, 2 N193 # 16 C=420, 2 N194 # 16 C=420, 2 N195 # 16 C=420, 2 N196 # 16 C=420, 2 N197 # 16 C=420, 2 N198 # 16 C=420, 2 N199 # 16 C=420, 2 N200 # 16 C=420, 2 N201 # 16 C=420, 2 N202 # 16 C=420, 2 N203 # 16 C=420, 2 N204 # 16 C=420, 2 N205 # 16 C=420, 2 N206 # 16 C=420, 2 N207 # 16 C=420, 2 N208 # 16 C=420, 2 N209 # 16 C=420, 2 N210 # 16 C=420, 2 N211 # 16 C=420, 2 N212 # 16 C=420, 2 N213 # 16 C=420, 2 N214 # 16 C=420, 2 N215 # 16 C=420, 2 N216 # 16 C=420, 2 N217 # 16 C=420, 2 N218 # 16 C=420, 2 N219 # 16 C=420, 2 N220 # 16 C=420, 2 N221 # 16 C=420, 2 N222 # 16 C=420, 2 N223 # 16 C=420, 2 N224 # 16 C=420, 2 N225 # 16 C=420, 2 N226 # 16 C=420, 2 N227 # 16 C=420, 2 N228 # 16 C=420, 2 N229 # 16 C=420, 2 N230 # 16 C=420, 2 N231 # 16 C=420, 2 N232 # 16 C=420, 2 N233 # 16 C=420, 2 N234 # 16 C=420, 2 N235 # 16 C=420, 2 N236 # 16 C=420, 2 N237 # 16 C=420, 2 N238 # 16 C=420, 2 N239 # 16 C=420, 2 N240 # 16 C=420, 2 N241 # 16 C=420, 2 N242 # 16 C=420, 2 N243 # 16 C=420, 2 N244 # 16 C=420, 2 N245 # 16 C=420, 2 N246 # 16 C=420,

	ACO	POS	BIT QUANT		COMPLEMENT UNIT TOTAL		ACO	POS	BIT QUANT		COMPLEMENT UNIT TOTAL			
			(mm)	(mm)	(mm)	(mm)			(mm)	(mm)				
V46	SSA	1	8	2	455	910	V52	SSA	1	8	2	453	866	
	S	2	16	3	938	1814		S	5	20	2	355	710	
	S	3	16	3	938	1814		S	6	16	3	465	930	
	S	4	16	3	938	1814		S	7	16	3	465	930	
	S	5	20	2	650	1200		SSA	5	16	2	385	1170	
	S	6	16	3	938	1814		S	8	16	3	465	930	
	S	7	16	3	938	1814		S	9	16	3	465	930	
	S	8	16	3	938	1814		S	10	16	3	465	930	
	S	9	8	8	95	760		SSA	9	16	2	380	760	
	S	10	8	8	95	760		S	11	8	8	130	1040	
	S	11	6, 3	3	150	3550		S	12	8	8	130	1040	
	S	12	10	2	455	910								
	S	13	10	2	455	910								
	S	14	8	8	95	760								
	S	15	8	8	95	760								
	V47	SSA	1	8	5	390		780	V53	SSA	1	8	2	455
S		2	16	3	938	1814	S	5		16	3	465	930	
S		3	16	3	938	1814	S	6		16	3	465	930	
S		4	16	3	938	1814	S	7		16	3	465	930	
S		5	12, 5	5	535	1110	SSA	8		8	8	85	765	
S		6	16	3	938	1814	S	9		16	3	465	930	
S		7	12, 5	5	535	1110	S	8		8	8	110	1550	
S		8	16	3	938	1814	S	10		16	3	465	930	
S		9	7	12, 5	250	480	S	10		10	4	280	1040	
S		10	12	5	535	1110	S	11		8	8	130	1040	
S		11	10	2	455	910								
S		12	10	2	455	910								
S		13	10	2	455	910								
S		14	8	8	95	2180								
S		15	8	8	95	2180								
S		16	8	8	95	2236								
V48	SSA	1	10	2	453	866	V54	SSA	1	10	2	473	946	
	S	2	20	10	910	1814		S	5	10	2	355	7075	
	S	3	16	5	535	1000		S	6	10	2	360	700	
	S	4	10	10	434	868		S	7	16	2	400	930	
	S	5	16	5	535	1170		S	8	16	2	400	930	
	S	6	16	5	535	1170		S	9	16	2	400	930	
	S	7	16	5	535	1170		S	10	16	2	400	930	
	S	8	16	5	535	1230		SSA	10	16	2	400	930	
	S	9	16	5	535	1230		S	11	16	2	400	930	
	S	10	8	5, 3	131	6945		S	12	16	2	400	930	
	S	11	6, 3	3	150	3550		S	13	16	2	400	930	
	S	12	10	2	453	866								
	S	13	10	2	453	866								
	S	14	10	2	453	866								
	S	15	10	2	453	866								
	S	16	10	2	453	866								
V49	SSA	1	10	2	473	946	V55	SSA	1	6, 3	2	265	530	
	S	2	16	5	525	2675		S	3	16	1	575	575	
	S	3	10	10	475	500		S	4	16	1	575	575	
	S	4	16	10	475	500		S	5	16	1	575	575	
	S	5	16	10	475	500		S	6	16	1	575	575	
	S	6	16	10	475	500		S	7	16	1	575	575	
	S	7	16	10	475	500		S	8	16	1	575	575	
	S	8	16	10	475	500		S	9	16	1	575	575	
	S	9	16	10	475	500		S	10	16	1	575	575	
	S	10	8	5, 3	131	6945		S	11	16	1	575	575	
	S	11	6, 3	3	150	3550		S	12	16	1	575	575	
	S	12	10	2	473	946		S	13	16	1	575	575	
	S	13	10	2	473	946		S	14	16	1	575	575	
	S	14	10	2	473	946		S	15	16	1	575	575	
	S	15	10	2	473	946		S	16	16	1	575	575	
	S	16	10	2	473	946								
V50	SSA	1	10	8	355	910	V56	SSA	1	10	4	270	1080	
	S	2	16	3	925	1665		S	5	10	2	325	455	
	S	3	16	3	925	1665		S	6	10	2	325	455	
	S	4	16	3	925	1665		S	7	10	2	325	455	
	S	5	12, 5	5	600	2400		S	8	16	4	220	880	
	S	6	16	3	925	1665		S	9	16	4	220	880	
	S	7	16	3	925	1665		S	10	16	4	220	880	
	S	8	16	3	925	1665		S	11	16	4	220	880	
	S	9	8	5, 4	151	8154		S	12	10	2	320	1060	
	S	10	8	5, 4	151	8154		S	13	10	2	320	1060	
	S	11	10	4	586	2344		S	14	16	3	300	1040	
	S	12	10	4	586	2344		S	15	16	3	300	1040	
	S	13	10	4	586	2344		S	16	8	6	482	2890	
	S	14	10	4	586	2344								
	S	15	10	4	586	2344								
	S	16	10	4	586	2344								
V51	SSA	1	8	5	405	810	V57	SSA	1	6, 3	4	220	880	
	S	2	16	3	810	1620		S	5	10	2	320	1040	
	S	3	8	8	405	810		S	6	8	6	482	2880	
	S	4	8	8	405	810		S	7	10	2	320	1040	
	S	5	12, 5	5	425	425		S	8	10	8	422	3370	
	S	6	16	3	820	1640		S	9	16	4	280	1040	
	S	7	16	3	820	1640		S	10	16	4	280	1040	
	S	8	16	3	820	1640		S	11	16	4	280	1040	
	S	9	8	12, 5	410	430		S	12	10	2	320	1040	
	S	10	16	3	820	1640		S	13	10	2	320	1040	
	S	11	10	6, 3	60	150		9000	S	14	10	2	320	1040
	S	12	10	6	4	260		1040	S	15	10	2	320	1040
	S	13	10	6	4	260		1040	S	16	10	2	320	1040
	S	14	10	6	4	260		1040						
	S	15	10	6	4	260		1040						
	S	16	10	6	4	260		1040						



SESC - SERVIÇO SOCIAL DO COMÉRCIO  
BLOCO EDUCACIONAL (BED)  
UGÊNIO, 30 - BAIXO NOSSA SENHORA DA PENHA - VILA

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