



Localização no eixo Y	
Coordenadas (cm)	Nome
292.30	P1, P2
7.50	P3
7.30	P4

2xS1		2xS2			
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	28	67	1876
	2	5.0	24	48	1152
CA50	3	6.3	26	65	1690
	4	6.3	20	80	1600
	5	6.3	22	75	1650
	6	6.3	24	70	1680
	7	10.0	8	147	1176
	8	10.0	8	165	1320

Resumo do aço				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	66.2	7	17.8
	10.0	25	3	16.9
CA60	5.0	30.3	-	5.1
PESO TOTAL (kg)				
CA50	34.7			
CA60	5.1			

Relação do açç

VB1 VB4		VB2		VB3	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	106	67	7102
CA50	2	8.0	4	294	1176
	3	8.0	8	293	2344
	4	8.0	4	309	1236

Resumo do aço				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	8.0	47.6	5	20.6
CA60	5.0	71.1	-	12
PESO TOTAL (kg)				
CA50	20.6			
CA60	12			

Relação do aço

4xP1					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	92	67	6164
	2	5.0	24	48	1152
CA50	3	10.0	16	297	4752

Resumo do aço				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	10.0	47.6	5	32.2
CA60	5.0	73.2	-	12.4
PESO TOTAL (kg)				
CA50	32.2			
CA60	12.4			

Resumo do aço				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	8.0	49.6	5	21.5
CA60	5.0	71.1	-	12
PESO TOTAL (kg)				
CA50	21.5			
CA60	12			

Technical drawing of a steel beam (Fig. 10.10) showing dimensions and specifications. The main view is a side elevation of a beam with a total length of 293 units. It features a top flange with a width of 271 units and a thickness of 14 units. The web has a height of 271 units and a thickness of 8 units. The bottom flange has a width of 281 units and a thickness of 10 units. The beam is supported by two P4 plates, each 14 units thick. The beam is labeled with "2 N7 ø8.0 C=317 (1c)" at the top and "2 N6 ø8.0 C=309 (1c)" at the bottom. A detail view shows a cross-section of the beam with a width of 26 units and a height of 14 units. Another detail view shows a cross-section of the beam with a width of 20 units and a height of 8 units. The drawing is labeled "ESC 1:25" in the top right corner.

ESTRUTURAL