



6xP1	P3		3xP4		
9xS1	2xP7		9xS1		
S5	3xS12		V81		
V82	V83		V84		
V85	V86		V87		
V88	V89				
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA80	1	31.0	31	68	2.108
	2	5.0	379	78	29562
CA50	3	5.0	36	24	864
	4	6.3	126	99	12474
	5	6.3	48	109	5232
	6	6.3	20	119	2380
	7	8.0	8	444	3552
	8	8.0	1	77	77
	9	8.0	3	107	321
	10	8.0	2	125	250
	11	8.0	2	145	290
	12	8.0	4	452	1808
	13	8.0	2	463	926
	14	8.0	2	472	944
	15	8.0	2	472	944
	16	8.0	2	451	902
	17	8.0	2	735	1470
	18	8.0	4	755	3020
	19	8.0	2	249	498
	20	8.0	2	285	570
	21	8.0	2	727	1454
	22	10.0	54	VAR	VAR
	23	10.0	4	VAR	VAR

### Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	200.9	54.1
	8.0	170.3	73.9
	10.0	100.5	68.1
CA60	5.0	325.4	55.2
PESO TOTAL (kg)			
CA50	196.1		
CA60	55.2		

Volume de concreto (C-25) = 2.49 m<sup>3</sup>  
Volume de concreto (C-20) = 1.78 m<sup>3</sup>  
Área de forma = 53.76 m<sup>2</sup>

[illegible]