



Relação do aço						
Cano D'água:	Platibanda:	VC1	VC2			
		VC3	VC4	VC5	VC6	VC7
		VP1	VP2	VP3	VP4	VP5
		VP6	VP7	VP8	VP9	VP10
		VP11	VP12	VP13	VP14	VP15
		VP16	VP17	VP18	VP19	VP20
		VP21	VP22			
		VP23				
AÇO	N	DIAM	QUANT	C.UNIT	C.TOTAL	
CASO 0	1	5,0	767	44	33748	
	2	5,0	200	79	15800	
	3	5,0	2	290	580	
	4	5,0	2	377	754	
	5	5,0	200	79	15800	
	6	5,0	2	377	754	
	7	5,0	2	243	486	
	8	5,0	4	285	1140	
	9	5,0	2	388	776	
	10	5,0	2	243	486	
	11	5,0	2	535	1070	
	12	5,0	2	286	571	
	13	5,0	2	434	868	
	14	5,0	2	310	620	
	15	5,0	2	1400	2800	
	16	5,0	2	1198	2396	
	17	5,0	2	1198	2396	
	18	5,0	2	1198	2396	
	19	5,0	2	1198	2396	
	CASO 1	20	5,0	2	763	1526
21		8,0	2	214	428	
22		8,0	2	216	432	
23		8,0	6	302	1812	
24		8,0	4	362	1448	
25		8,0	2	1089	2178	
26		8,0	2	925	1850	
27		8,0	2	686	1372	
28		8,0	2	1077	2154	
29		8,0	2	1179	2358	
30		8,0	2	1190	2380	
31		8,0	2	244	488	
32		8,0	4	950	3800	
33		8,0	3	987	2961	
34		8,0	2	931	1862	
35		8,0	2	1188	2376	
36		8,0	2	438	876	
37		8,0	2	963	1926	
38		8,0	2	1159	2318	
39		8,0	2	891	1782	
40		8,0	2	222	444	
41		8,0	2	1019	2038	
42		8,0	2	878	1756	
43		8,0	2	1198	2396	
44		8,0	2	857	1714	
45		8,0	2	962	1924	
46		8,0	2	1472	2944	
47		8,0	2	116	232	
48		8,0	2	170	340	
49		8,0	2	108	216	
50		8,0	2	214	428	
51		8,0	2	738	1476	
52		8,0	2	777	1554	
53		8,0	2	1112	2224	
54		8,0	2	155	310	
55		8,0	2	290	580	
56	8,0	2	378	756		
57	8,0	2	378	756		
58	8,0	2	378	756		
59	8,0	2	399	798		
60	8,0	2	398	796		
61	8,0	2	629	1258		
62	8,0	6	388	2328		
63	8,0	2	411	822		
64	8,0	2	410	820		
65	8,0					
66	8,0	2	179	378		
67	8,0	2	205	410		
68	8,0	2	205	410		
69	8,0	2	205	410		
70	8,0	2	205	410		
71	8,0	2	205	410		
72	8,0	2	188	376		
73	8,0	2	427	854		
74	8,0	2	535	1070		
75	8,0	2	338	676		
76	8,0	4	723	2892		
77	8,0	2	166	332		
78	8,0	2	176	352		
79	8,0	2	176	352		
80	8,0	2	256	512		
81	10,0	2	821	1642		
82	10,0	2	821	1642		
83	12,5	1	126	126		
84	12,5	1	126	126		
85	12,5	1	125	125		
86	12,5	2	245	490		
87	12,5	2	245	490		
88	12,5	2	245	490		
89	12,5	2	245	490		
90	12,5	2	245	490		

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	874.4	379.5
	10.0	32.9	22.3
	12.5	26	27.5
CA60	5.0	763.1	129.4
PESO TOTAL (kg)			
CA50	429.3		
CA60	129.4		

Volume de concreto (C-25) = 7.36 m³

Area de forma = 133.7 m²