



RELAÇÃO DO AÇO						
VB1	VB2			VB3		
VB2	VB1			VB3		
VB7	VB8			VB12		
VB10	VB11			VB12		
	N	DAM	QUANT	C.UNIT	VAL	COTAS
CA60	1	5.0	432	77	33384	
	2	5.0	20	87	1740	
	3	5.0	154	87	13458	
	4	5.0	20	406	8120	
	5	5.0	154	406	62524	
	6	8.0	23	1156	2312	
	7	8.0	23	407	9366	
	8	8.0	23	487	11211	
	9	8.0	4	1137	4548	
	10	8.0	1053	1053	11088	
	11	8.0	315	833	26205	
	12	8.0	153	153	16266	
	13	8.0	2	337	674	
	14	8.0	2	337	674	
	15	8.0	2	365	730	
	16	8.0	2	151	312	
	20	8.0	2	185	370	
	21	8.0	2	185	370	
	22	8.0	6	191	1086	
	23	8.0	2	186	372	
	24	8.0	2	337	1011	
	25	8.0	2	337	1011	
	26	8.0	2	337	1011	
	27	8.0	3	267	1011	
	28	8.0	2	337	1011	
	29	10.0	5	239	1195	
	30	10.0	2	334	668	
	31	10.0	2	334	668	
	32	12.5	1	153	333	
	33	12.5	1	145	315	
	34	12.5	1	250	600	
	35	12.5	1	138	338	
	36	12.5	1	203	406	

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	348.6	137.5
	10.0	21.3	13.1
CA60	12.5	15	14.4
	5.0	392.7	60.5
PESO TOTAL (kg)			
CA50	165.1		
CA60	60.5		

Volume de concreto (C-40) = 3.41 m³
 Área de forma = 55.35 m²