



RELAÇÃO DO AÇO						
V1		V2		V3		
V4		V5		V6		
V7		V8		V9		
V10		V11		V12		
V13		V14		V15		
V16		V17		V18		
V19		V20		V53		
V55		V56		V59		
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)	
CA60	1	5,0	1193	77	91861	
CA50	2	5,0	2	264	528	
	3	8,0	4	520	2080	
	4	8,0	2	540	1080	
	5	8,0	2	1092	2184	
	6	8,0	2	161	322	
	7	8,0	2	852	1704	
	8	8,0	4	1200	4800	
	9	8,0	2	835	1670	
	10	8,0	4	302	1208	
	11	8,0	4	330	1320	
	12	8,0	2	294	588	
	13	8,0	2	341	1082	
	14	8,0	2	560	1120	
	15	8,0	2	386	772	
	16	8,0	4	315	1224	
	17	8,0	4	302	1208	
	18	8,0	2	1048	2096	
	19	8,0	2	670	1340	
	20	8,0	4	1198	4792	
	21	8,0	2	526	1052	
	22	8,0	2	404	2016	
	23	8,0	2	1056	2112	
	24	8,0	2	1014	2028	
	25	8,0	6	1198	7188	
	26	8,0	2	1874	1748	
	27	8,0	2	496	992	
	28	8,0	2	528	1056	
	29	8,0	2	431	862	
	31	8,0	2	439	878	
	32	8,0	2	432	864	
	33	8,0	2	722	1444	
	34	8,0	2	742	1484	
	35	8,0	2	166	332	
	36	8,0	2	180	360	
	37	8,0	2	1167	2334	
	38	8,0	2	905	1810	
	39	8,0	2	866	1732	
	40	8,0	2	954	1988	
	41	8,0	2	184	368	
	42	8,0	2	103	206	
	43	8,0	2	945	1890	
	44	8,0	2	719	1438	
	45	8,0	2	201	402	
	47	8,0	2	357	714	
	48	8,0	2	367	734	
	49	8,0	2	544	1088	
	50	8,0	2	550	1100	
	51	8,0	2	594	1188	
	52	8,0	2	544	1088	
	53	8,0	2	162	324	
	54	8,0	2	182	364	
	55	8,0	2	1172	2344	
	56	8,0	2	809	1789	
	57	8,0	2	873	1746	

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	805.3	349.5
CA60	5.0	923.9	156.6
PESO TOTAL (kg)			
CA50	349.5		
CA60	156.6		

Volume de concreto (C-25) = 7.95 m³
 Área de forma = 132.56 m²