



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	CULMIN	C.TOTAL (cm)
CA60	1	5.0	229	107	24503
V4	2	5.0	294	127	3728
V7	3	5.0	12	67	804
V10	4	5.0	267	127	33568
V13	5	5.0	16	24	384
V14	6	5.0	25	77	1540
V15	7	5.0	2	250	500
V16	8	5.0	2	24	96
V17	9	5.0	2	238	476
	10	6.3	317	162	1902
	11	6.3	2	82	164
	12	6.3	4	177	2948
	13	6.3	6	145	870
	14	6.3	77	105	8116
	15	6.3	6	777	4662
	16	6.3	1	152	152
	17	6.3	4	540	2160
	18	6.3	1	154	624
	19	6.3	4	413	1652
	20	8.0	1	353	353
	21	8.0	1	245	245
	22	8.0	4	1195	4780
	23	8.0	2	360	1800
	24	8.0	2	302	604
	25	8.0	2	302	604
	26	8.0	1	123	123
	27	8.0	2	376	752
	28	8.0	1	122	122
	29	8.0	2	154	308
	30	8.0	2	154	308
	31	8.0	1	435	435
	32	8.0	1	600	1200
	33	8.0	1	374	374
	34	8.0	1	434	868
	35	8.0	3	290	870
	36	8.0	3	517	1551
	37	8.0	3	305	915
	38	8.0	3	155	465
	39	8.0	1	170	170
	40	8.0	2	229	458
	41	8.0	2	700	1400
	42	8.0	2	175	350
	43	8.0	5	1070	5350
	44	8.0	2	172	344
	45	8.0	1	174	174
	46	8.0	3	163	489
	47	8.0	3	163	489
	48	8.0	3	305	915
	49	8.0	3	165	495
	50	8.0	1	170	170
	51	8.0	1	174	174
	52	8.0	3	163	489
	53	8.0	3	163	489
	54	8.0	3	305	915
	55	8.0	3	165	495
	56	8.0	1	170	170
	57	8.0	2	278	556
	58	10.0	2	1198	2396
	59	10.0	2	430	860
	60	10.0	22	106	2132
	61	10.0	2	322	644
	62	10.0	2	358	716
	63	10.0	2	765	1530
	64	10.0	2	215	430
	65	10.0	2	290	580
	66	10.0	1	160	160
	67	10.0	1	160	160
	68	10.0	2	285	570
	69	10.0	2	1135	2270
	70	10.0	2	1198	2396
	71	10.0	2	430	860
	72	10.0	22	106	2132
	73	10.0	2	322	644
	74	10.0	2	358	716
	75	10.0	2	716	1432
	76	10.0	2	244	488
	77	10.0	2	300	600
	78	10.0	2	160	320
	79	10.0	2	340	680
	80	10.0	2	228	456
	81	10.0	2	170	340
	82	10.0	1	891	891
	83	10.0	1	504	504
	84	10.0	2	264	528
	85	10.0	2	264	528
	86	10.0	3	330	990
	87	10.0	3	217	651
	88	10.0	1	168	168
	89	10.0	3	1071	3213
	90	10.0	2	170	340
	91	10.0	3	551	1653
	92	10.0	2	340	680
	93	10.0	2	170	340
	94	10.0	1	233	233
	95	10.0	1	164	164
	96	10.0	1	596	596
	97	10.0	2	278	556
	98	10.0	2	161	322
	99	10.0	2	202	404
	100	10.0	1	222	222
	101	10.0	2	465	930
	102	10.0	2	163	326
	103	10.0	2	465	930
	104	10.0	2	163	326
	105	10.0	2	347	694
	106	10.0	1	163	163
	107	10.0	2	547	1094
	108	10.0	4	335	1340
	109	10.0	2	1119	2238
	110	10.0	2	278	556
	111	12.5	3	584	1752
	112	12.5	3	366	1098
	113	12.5	3	654	1962
	114	12.5	2	665	1330
	115	12.5	2	153	306
	116	12.5	4	400	1600
	117	12.5	2	340	680
	118	12.5	2	1197	2394
	119	12.5	2	514	1028
	120	12.5	24	114	2736
	121	12.5	4	454	1816
	122	12.5	1	168	168
	123	12.5	2	285	570
	124	12.5	1	214	214
	125	12.5	2	1197	2394
	126	12.5	2	343	686
	127	12.5	2	553	1106
	128	12.5	1	224	224
	129	12.5	4	599	1498
	130	12.5	1	305	305
	131	12.5	4	330	1320
	132	12.5	1	243	243
	133	12.5	2	310	620
	134	12.5	2	819	1638

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO ± 10% (kg)
CA60	5.0	237.5	63.0
V4	8.0	352.4	193
V7	10.0	425.9	288.7
V10	12.5	249.3	284.2
V13	5.0	614.5	165.2
<b>PESO TOTAL (kg)</b>			<b>700.7</b>
CA60			195.2
V4			278
V7			387
V10			446
V13			160

Volume de concreto (C-25) = 9,56 m³  
Área de forma = 101,75 m²

## PROJETO ESTRUTURAL

### RESIDENCIAL UNIFAMILIAR

#### VIGA ESTRUTURAL - PAV. SUPERIOR

Resp. Téc.: **EDUARDO FELIPE LUIZ FLORENCIO**

Prop.: **CÂMARA MUNICIPAL DE CANTAR**

Loc.: **RUA VEREADOR PEDRO MACEDO, PARTE "B" DO LOTE Nº "A-1" - CANTAR-SP**

Esc.: **Escalas Indicadas**

CONSELHO: CAU/SP A12059-A

folha **05** / 12

PROJETO: EDUARDO FELIPE LUIZ FLORENCIO - ARQUITETA UNIFAMILIAR - CAU/SP A12059-A

APROVAÇÃO: