



Relação do aço						
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
11xVT3a	CA60	1	TR 08644	11	317	3487
	CA60	2	5.0	11	327	3597
15xVT4a	CA60	3	TR 08644	15	317	4755
	CA60	4	5.0	15	327	4905
15xVT7a	CA60	5	TR 08644	15	332	4980
	CA50	6	6.3	15	343	5145
4xVT10a	CA60	7	TR 08644	4	159	636
	CA60	8	5.0	4	169	676
VT10b	CA60	9	TR 08644	1	154	154
	CA60	10	5.0	1	164	164
5xVT14a	CA60	11	TR 08644	5	159	795
	CA60	12	5.0	5	169	845
6xVT16a	CA60	13	TR 08644	6	214	1284
	CA60	14	5.0	6	224	1344
6xVT16b	CA60	15	TR 08644	6	213	1278
	CA60	16	5.0	6	223	1338
VT16c	CA60	17	TR 08644	1	212	212
	CA60	18	5.0	1	222	222
11xVT17a	CA60	19	TR 08644	11	212	2332
	CA60	20	5.0	11	222	2442
5xVT18a	CA60	21	TR 08644	5	177	885
	CA60	22	5.0	5	187	935
9xVT19a	CA60	23	TR 08644	9	183	1647
	CA60	24	5.0	9	193	1737
8xVT20a	CA60	25	TR 08644	8	358	2864
	CA50	26	8.0	8	372	2976
VT20b	CA60	27	TR 08644	1	356	356
	CA50	28	8.0	1	370	370
VT20c	CA60	29	TR 08644	1	355	355
	CA50	30	8.0	1	369	369
VT20d	CA60	31	TR 08644	1	353	353
	CA50	32	8.0	1	367	367
15xVT21a	CA60	33	TR 08644	15	271	4065
	CA60	34	5.0	15	281	4215
17xVT24a	CA60	35	TR 08644	17	266	4522
	CA60	36	5.0	17	276	4692
11xVT25a	CA60	37	TR 08644	11	266	2926
	CA60	38	5.0	11	276	3036
2xVT26a	CA60	39	TR 08644	2	162	324
	CA60	40	5.0	2	172	344
2xVT26b	CA60	41	TR 08644	2	164	328
	CA60	42	5.0	2	174	348
2xVT26c	CA60	43	TR 08644	2	165	330
	CA60	44	5.0	2	175	350
VT26d	CA60	45	TR 08644	1	167	167
	CA60	46	5.0	1	177	177
3xVT27a	CA60	47	TR 08644	3	142	426
	CA60	48	5.0	3	152	456
4xVT28a	CA60	49	TR 08644	4	212	848
	CA60	50	5.0	4	222	888
3xVT28b	CA60	51	TR 08644	3	213	639
	CA60	52	5.0	3	223	669
2xVT29a	CA60	53	TR 08644	2	141	282
	CA60	54	5.0	2	151	302
VT29b	CA60	55	TR 08644	1	140	140
	CA60	56	5.0	1	150	150
7xVT30a	CA60	57	TR 08644	7	162	1134
	CA60	58	5.0	7	172	1204
9xVT34a	CA60	59	TR 08644	9	162	1458
	CA60	60	5.0	9	172	1548
3xVT35a	CA60	61	TR 08644	3	75	225
	CA60	62	5.0	3	85	255
11xVT36a	CA60	63	TR 08644	11	162	1782
	CA60	64	5.0	11	172	1892
7xVT39a	CA60	65	TR 08644	7	190	1330
	CA60	66	5.0	7	200	1400
VT39b	CA60	67	TR 08644	1	186	186
	CA60	68	5.0	1	196	196
7xVT39c	CA60	69	TR 08644	7	191	1337
	CA60	70	5.0	7	201	1407
VT39d	CA60	71	TR 08644	1	192	192
	CA60	72	5.0	1	202	202
7xVT40a	CA60	73	TR 08644	7	192	1344
	CA60	74	5.0	7	202	1414
7xVT40b	CA60	75	TR 08644	7	191	1337
	CA60	76	5.0	7	201	1407
VT40c	CA60	77	TR 08644	1	190	190
	CA60	78	5.0	1	200	200
17xVT41a	CA60	79	TR 08644	17	192	3264
	CA60	80	5.0	17	202	3434
11xVT42a	CA60	81	TR 08644	11	192	2112
	CA60	82	5.0	11	202	2222

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	51.5	12.6
	8.0	40.9	16.1
CA60	TR 08644	572.7	420.9
	5.0	506.2	78
PESO TOTAL (kg)			
CA50		28.7	
CA60		498.9	

A & V PROJETOS DE ENGENHARIA

PROJETO: **PROJETO ESTRUTURAL HOSPITAL DR ESTEVAM**

INTERESSADO: **PREFEITURA DE SOBRAL**

ENDEREÇO: \_\_\_\_\_

MUNICÍPIO: **SOBRAL-CE**

DESENHOS DA PRANCHA	ESCALA
DET. VIGOTAS SUPERIOR 01	INDICADA