



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
10xVT7a	CA60	5	TR 08644	10	332	3320
	CA60	6	5.0	10	342	3420
5xVT7b	CA60	7	TR 08644	5	332	1660
	CA60	8	5.0	10	342	3420
6xVT13a	CA60	9	TR 08644	6	214	1284
	CA60	10	5.0	6	224	1344
6xVT13b	CA60	11	TR 08644	6	213	1278
	CA60	12	5.0	6	223	1338
VT13c	CA60	13	TR 08644	1	212	212
	CA60	14	5.0	1	222	222
11xVT14a	CA60	15	TR 08644	11	212	2332
	CA60	16	5.0	11	222	2442
5xVT15a	CA60	17	TR 08644	5	177	885
	CA60	18	5.0	5	187	935
9xVT16a	CA60	19	TR 08644	9	183	1647
	CA60	20	5.0	9	193	1737
7xVT17a	CA60	21	TR 08644	7	358	2506
	CA50	22	8.0	7	372	2604
VT17b	CA60	23	TR 08644	1	357	357
	CA50	24	8.0	2	371	742
VT17c	CA60	25	TR 08644	1	356	356
	CA50	26	8.0	2	370	740
VT17d	CA60	27	TR 08644	1	355	355
	CA50	28	8.0	2	369	738
VT17e	CA60	29	TR 08644	1	353	353
	CA50	30	8.0	2	367	734
15xVT18a	CA60	31	TR 08644	15	271	4065
	CA60	32	5.0	15	281	4215
17xVT21a	CA60	33	TR 08644	17	266	4522
	CA60	34	5.0	17	276	4692
11xVT22a	CA60	35	TR 08644	11	266	2926
	CA60	36	5.0	11	276	3036
2xVT23a	CA60	37	TR 08644	2	162	324
	CA60	38	5.0	2	172	344
2xVT23b	CA60	39	TR 08644	2	164	328
	CA60	40	5.0	2	174	348
2xVT23c	CA60	41	TR 08644	2	165	330
	CA60	42	5.0	2	175	350
VT23d	CA60	43	TR 08644	1	167	167
	CA60	44	5.0	1	177	177
3xVT24a	CA60	45	TR 08644	3	142	426
	CA60	46	5.0	3	152	456
4xVT25a	CA60	47	TR 08644	4	212	848
	CA60	48	5.0	4	222	888
3xVT25b	CA60	49	TR 08644	3	213	639
	CA60	50	5.0	3	223	669
2xVT26a	CA60	51	TR 08644	2	141	282
	CA60	52	5.0	2	151	302
VT26b	CA60	53	TR 08644	1	140	140
	CA60	54	5.0	1	150	150
7xVT27a	CA60	55	TR 08644	7	162	1134
	CA60	56	5.0	7	172	1204
9xVT31a	CA60	57	TR 08644	9	162	1458
	CA60	58	5.0	9	172	1548
3xVT32a	CA60	59	TR 08644	3	75	225
	CA60	60	5.0	3	85	255
11xVT33a	CA60	61	TR 08644	11	162	1782
	CA60	62	5.0	11	172	1892
7xVT36a	CA60	63	TR 08644	7	190	1330
	CA60	64	5.0	7	200	1400
VT36b	CA60	65	TR 08644	1	186	186
	CA60	66	5.0	1	196	196
7xVT36c	CA60	67	TR 08644	7	191	1337
	CA60	68	5.0	7	201	1407
VT36d	CA60	69	TR 08644	1	192	192
	CA60	70	5.0	1	202	202
7xVT37a	CA60	71	TR 08644	7	192	1344
	CA60	72	5.0	7	202	1414
7xVT37b	CA60	73	TR 08644	7	191	1337
	CA60	74	5.0	7	201	1407
VT37c	CA60	75	TR 08644	1	190	190
	CA60	76	5.0	1	200	200
17xVT38a	CA60	77	TR 08644	17	192	3264
	CA60	78	5.0	17	202	3434
11xVT39a	CA60	79	TR 08644	11	192	2112
	CA60	80	5.0	11	202	2222
9xVT40a	CA60	81	TR 08644	9	272	2448
	CA60	82	5.0	9	282	2538

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	55.6	21.9
CA60	TR 08644	581.3	427.2
	5.0	583.1	89.9
PESO TOTAL (kg)			
CA50			21.9
CA60			517.1

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 COBERTA	INDICADA
_____	_____
_____	_____
_____	_____

ESCALA DE PLOTAGEM: 10:1

COR: PENHA

1: 1.00

2: 0.50

3: 0.30

4: 0.20

5: 0.10

6: 0.05

7: 0.03

8: 0.10

9: 0.09

COLORIDA

10: 0.30