



Relação do aço						
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
8xVT2a	CA60	1	TR 08644	8	35	280
	CA60	2	5.0	8	35	280
15xVT3a	CA60	3	TR 08644	15	336	5040
	CA50	4	10.0	15	355	5325
4xVT6a	CA60	5	TR 08644	4	159	636
	CA60	6	5.0	4	169	676
VT6b	CA60	7	TR 08644	1	154	154
	CA60	8	5.0	1	164	164
5xVT10a	CA60	9	TR 08644	5	159	795
	CA60	10	5.0	5	169	845
VT12a	CA60	11	TR 08644	1	30	30
	CA60	12	5.0	1	40	40
13xVT12b	CA60	13	TR 08644	13	35	455
	CA60	14	5.0	13	45	585
6xVT13a	CA60	15	TR 08644	6	214	1284
	CA60	16	5.0	6	224	1344
6xVT13b	CA60	17	TR 08644	6	213	1278
	CA60	18	5.0	6	223	1338
VT13c	CA60	19	TR 08644	1	212	212
	CA60	20	5.0	1	222	222
11xVT14a	CA60	21	TR 08644	11	212	2332
	CA60	22	5.0	11	222	2442
5xVT15a	CA60	23	TR 08644	5	183	915
	CA60	24	5.0	5	193	965
5xVT16a	CA60	25	TR 08644	5	183	915
	CA60	26	5.0	5	193	965
VT17a	CA60	27	TR 08644	1	307	307
	CA50	28	6.3	2	318	636
8xVT17b	CA60	29	TR 08644	8	312	2496
	CA50	30	6.3	16	323	5168
7xVT17c	CA60	31	TR 08644	7	312	2184
	CA50	32	6.3	7	323	2261
7xVT18a	CA60	33	TR 08644	7	357	2499
	CA60	34	5.0	7	367	2569
VT18b	CA60	35	TR 08644	1	357	357
	CA60	36	5.0	2	367	734
VT18c	CA60	37	TR 08644	1	355	355
	CA60	38	5.0	2	365	730
VT18d	CA60	39	TR 08644	1	354	354
	CA60	40	5.0	2	364	728
VT18e	CA60	41	TR 08644	1	352	352
	CA60	42	5.0	2	362	724
15xVT19a	CA60	43	TR 08644	15	271	4065
	CA60	44	5.0	15	281	4215
17xVT22a	CA60	45	TR 08644	17	261	4437
	CA60	46	5.0	17	271	4607
6xVT23a	CA60	47	TR 08644	6	212	1272
	CA60	48	5.0	6	222	1332
VT24a	CA60	49	TR 08644	1	239	239
	CA60	50	5.0	1	249	249
5xVT24b	CA60	51	TR 08644	5	244	1220
	CA60	52	5.0	5	254	1270
3xVT27a	CA60	53	TR 08644	3	35	105
	CA60	54	5.0	3	45	135
4xVT28a	CA60	55	TR 08644	4	212	848
	CA60	56	5.0	4	222	888
3xVT28b	CA60	57	TR 08644	3	213	639
	CA60	58	5.0	3	223	669
2xVT29a	CA60	59	TR 08644	2	141	282
	CA60	60	5.0	2	151	302
VT29b	CA60	61	TR 08644	1	140	140
	CA60	62	5.0	1	150	150
7xVT30a	CA60	63	TR 08644	7	162	1134
	CA60	64	5.0	7	172	1204
11xVT33a	CA60	65	TR 08644	11	209	2299
	CA60	66	5.0	11	219	2409
3xVT35a	CA60	67	TR 08644	3	35	105
	CA60	68	5.0	3	45	135
11xVT36a	CA60	69	TR 08644	11	162	1782
	CA60	70	5.0	11	172	1892
VT37a	CA60	71	TR 08644	1	160	160
	CA60	72	5.0	1	170	170
5xVT37b	CA60	73	TR 08644	5	162	810
	CA60	74	5.0	5	172	860
7xVT38a	CA60	75	TR 08644	7	132	924
	CA60	76	5.0	7	142	994
VT39a	CA60	77	TR 08644	1	307	307
	CA50	78	6.3	1	318	318
6xVT39b	CA60	79	TR 08644	6	312	1872
	CA50	80	6.3	6	323	1938
4xVT39c	CA60	81	TR 08644	4	312	1248
	CA50	82	6.3	8	323	2584
7xVT41a	CA60	83	TR 08644	7	143	1001
	CA60	84	5.0	7	153	1071
10xVT42a	CA60	85	TR 08644	10	368	3680
	CA50	86	8.0	10	382	3820
VT42b	CA60	87	TR 08644	1	363	363
	CA50	88	8.0	2	377	754
2xVT42c	CA60	89	TR 08644	2	368	736
	CA50	90	8.0	4	382	1528
4xVT43a	CA60	91	TR 08644	4	224	896
	CA60	92	5.0	4	234	936
3xVT43b	CA60	93	TR 08644	3	294	882
	CA60	94	5.0	3	304	912
9xVT44a	CA60	95	TR 08644	9	192	1728
	CA60	96	5.0	9	202	1818
5xVT45a	CA60	97	TR 08644	5	160	800
	CA60	98	5.0	5	170	850
4xVT46a	CA60	99	TR 08644	4	319	1276
	CA50	100	10.0	4	338	1352
9xVT46b	CA60	101	TR 08644	9	312	2808
	CA50	102	10.0	9	331	2979

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	129.1	31.6
	8.0	61.1	24.1
	10.0	96.6	59.5
CA60	TR 08644	612.9	450.5
	5.0	425	65.5
PESO TOTAL (kg)			
CA50		115.2	
CA60		516	

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 LAJES TERREO	INDICADA
_____	_____
_____	_____
_____	_____

ESCALA DE PLOTAGEM: 10:1
 COR: PENA
 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
 10: 0.30
 COLORIDA