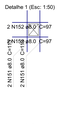
Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNT (cm)	C.TOTAL (cm)
CA60	1	5.0	12	VAR	VAR
	2	5.0	12	222	2664
	3	5.0	16	VAR	VAR
	4	5.0	32	VAR	VAR
	5	5.0	16	VAR	VAR
	6	5.0	12	VAR	VAR
	7	5.0	8	228	1824
	8	5.0	42	VAR	VAR
	9	5.0	9	VAR	VAR
	10	5.0	7	171	1197
	11	5.0	24	109	2616
	12	5.0	8	VAR	VAR
	13	5.0	7	VAR	VAR
	14	5.0	10	171	1710
	15	5.0	50	120	6000
	16	5.0	4	VAR	VAR
	17	5.0	13	222	2886
	18	5.0	4	VAR	VAR
	19	5.0	12	302	3624
	20	5.0	18	249	4482
	21	5.0	11	261	2871
	22	5.0	6	281	1686
	23	5.0	6	184	1104
	24	5.0	16	521	8336
	25	5.0	16	196	3136
	26	5.0	6	275	1650
	27	5.0	6	116	696
	28	5.0	6	538	3228
	29	5.0	6	342	2052
	30	5.0	6	291	1746
	31	5.0	18	VAR	VAR
	32	5.0	4	518	2072
	33	5.0	16	VAR	VAR
	34	5.0	8	VAR	VAR
	35	5.0	18	VAR	VAR
	36	5.0	18	VAR	VAR
	37	5.0	18	VAR	VAR
	38	5.0	15	VAR	VAR
	39	5.0	18	VAR	VAR
	40	5.0	18	VAR	VAR
	41	5.0	14	VAR	VAR
	42	5.0	10	115	1150
	43	5.0	10	540	5400
	44	5.0	30	VAR	VAR
	45	5.0	16	VAR	VAR
	46	5.0	10	VAR	VAR
	47	5.0	21	VAR	VAR
	48	5.0	21	VAR	VAR
	49	5.0	21	VAR	VAR
	50	5.0	21	VAR	VAR
	51	5.0	21	VAR	VAR
	52	5.0	10	VAR	VAR
	53	5.0	12	VAR	VAR
	54	5.0	21	VAR	VAR
	55	5.0	11	VAR	VAR
	56	5.0	12	256	3072
	57	5.0	10	VAR	VAR
	58	5.0	10	VAR	VAR
	59	5.0	8	392	3136
	60	5.0	1	386	386
	61	5.0	5	269	1345
	62	5.0	4	83	332
	63	5.0	10	VAR	VAR
	64	5.0	26	152	3952
	65	5.0	10	191	1910
	66	5.0	4	220	880
	67	5.0	4	132	528
	68	5.0	6	366	2196
	69	5.0	6	428	2568
	70	5.0	15	242	3630
	71	5.0	5	204	1020
	72	5.0	10	215	2150
	73	5.0	14	398	5572
	74	5.0	2	143	286
	75	5.0	3	126	378
	76	5.0	3	44	132
	77	5.0	10	137	1370
	78	5.0	16	168	2688
	79	5.0	16	225	3600
	80	5.0	9	245	2205
	81	5.0	9	331	2979
	82	5.0	10	381	3810
	83	5.0	10	407	4070
	84	5.0	10	524	5240
	85	5.0	10	404	4040
	86	5.0	10	280	2800
	87	5.0	10	204	4080
	88	5.0	10	571	5710
	89	5.0	20	163	3260
	90	5.0	16	623	9968
	91	5.0	10	VAR	VAR
	92	5.0	10	VAR	VAR
	93	5.0	26	VAR	VAR
	94	5.0	20	VAR	VAR
	95	5.0	26	VAR	VAR
	96	5.0	20	VAR	VAR
	97	5.0	24	VAR	VAR
	98	5.0	10	143	1430
	99	5.0	20	199	3980
	100	5.0	10	193	1930
	101	5.0	14	VAR	VAR
	102	5.0	14	VAR	VAR
	103	5.0	15	182	2730
	104	5.0	16	183	2928
	105	5.0	3	187	561
	106	5.0	6	189	1134
	107	5.0	4	150	600
	108	5.0	4	90	360
	109	5.0	4	145	580
	110	5.0	4	125	500
CA50	111	6.3	10	256	2560
	112	6.3	24	250	6000
	113	6.3	18	216	3888
	114	6.3	12	543	6516
	115	6.3	2	405	810
	116	6.3	2	150	300
	117	6.3	12	353	4236
	118	6.3	12	502	6024
	119	6.3	12	618	7416
	120	6.3	12	501	6012
	121	6.3	12	518	6216
	122	6.3	4	267	1068
	123	6.3	12	435	5220
	124	6.3	12	404	4848
	125	6.3	12	403	4836
	126	6.3	5	231	1155
	127	6.3	10	220	2200
	128	6.3	14	283	3962
	129	6.3	2	52	104
	130	6.3	2	323	646
	131	6.3	12	503	6036
	132	6.3	18	623	11214
	133	8.0	36	342	12312
	134	8.0	18	344	6192
	135	8.0	12	687	8244
	136	8.0	11	543	5973
	137	8.0	33	250	8250
	138	8.0	23	261	6003
	139	8.0	12	507	6084
	140	8.0	24	618	14832
	141	8.0	24	501	12024
	142	8.0	12	496	5952
	143	8.0	18	540	9720
	144	8.0	20	256	5120
	145	8.0	25	288	7200
	146	8.0	12	524	6288
	147	8.0	5	535	2675
	148	8.0	15	412	6180
	149	8.0	12	361	4332
	150	8.0	22	556	12232
	151	8.0	4	113	452
	152	8.0	4	97	388
	153	8.0	4	110	440
	154	8.0	4	138	552
	155	8.0	4	115	460
	156	8.0	4	118	472
	157	10.0	18	391	7038
	158	10.0	2	532	1064
	159	10.0	1	532	532
	160	10.0	30	404	12120
	161	10.0	23	409	9407
	162	10.0	10	403	4030
	163	10.0	15	599	8985
	164	12.5	1	532	532
	165	12.5	35	439	15365
	166	12.5	15	432	6480

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	859.5	231.3
	8.0	1423.8	618
	10.0	431.8	292.8
	12.5	223.8	237.1
CA60	5.0	4006.3	679.3
PESO TOTAL (kg)			
CA50	1379.2		
CA60	679.3		

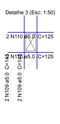
Detalhe 1 (Esc: 1:50)



Detalhe 2 (Esc: 1:50)



Detalhe 3 (Esc: 1:50)



Detalhe 4 (Esc: 1:50)



Detalhe 5 (Esc: 1:50)



DETALHE DA ARMADURA DE BORDO LIVRE DA LAJE



MESA 12 N1 (2) ø5.0 c/20 C=VAR
MESA 16 N2 (2) ø5.0 c/20 C=VAR
MESA 16 N3 (2) ø5.0 c/20 C=VAR
MESA 16 N4 (2) ø5.0 c/20 C=VAR
MESA 16 N5 (2) ø5.0 c/20 C=VAR
MESA 16 N6 (2) ø5.0 c/20 C=VAR
MESA 16 N7 (2) ø5.0 c/20 C=VAR
MESA 16 N8 (2) ø5.0 c/20 C=VAR
MESA 16 N9 (2) ø5.0 c/20 C=VAR
MESA 10 N10 (2) ø5.0 c/20 C=VAR
MESA 10 N11 (2) ø5.0 c/20 C=VAR
MESA 10 N12 (2) ø5.0 c/20 C=VAR
MESA 10 N13 (2) ø5.0 c/20 C=VAR
MESA 10 N14 (2) ø5.0 c/20 C=VAR
MESA 10 N15 (2) ø5.0 c/20 C=VAR
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MESA 10 N17 (2) ø5.0 c/20 C=VAR
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MESA 10 N42 (2) ø5.0 c/20 C=VAR
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MESA 10 N64 (2) ø5.0 c/20 C=VAR
MESA 20 N65 (2) ø5.0 c/20 C=VAR
MESA 20 N66 (2) ø5.0 c/20 C=VAR
MESA 14 N67 (2) ø5.0 c/20 C=VAR
MESA 14 N68 (2) ø5.0 c/20 C=VAR
MESA 14 N69 (2) ø5.0 c/20 C=VAR
MESA 14 N70 (2) ø5.0 c/20 C=VAR
MESA 14