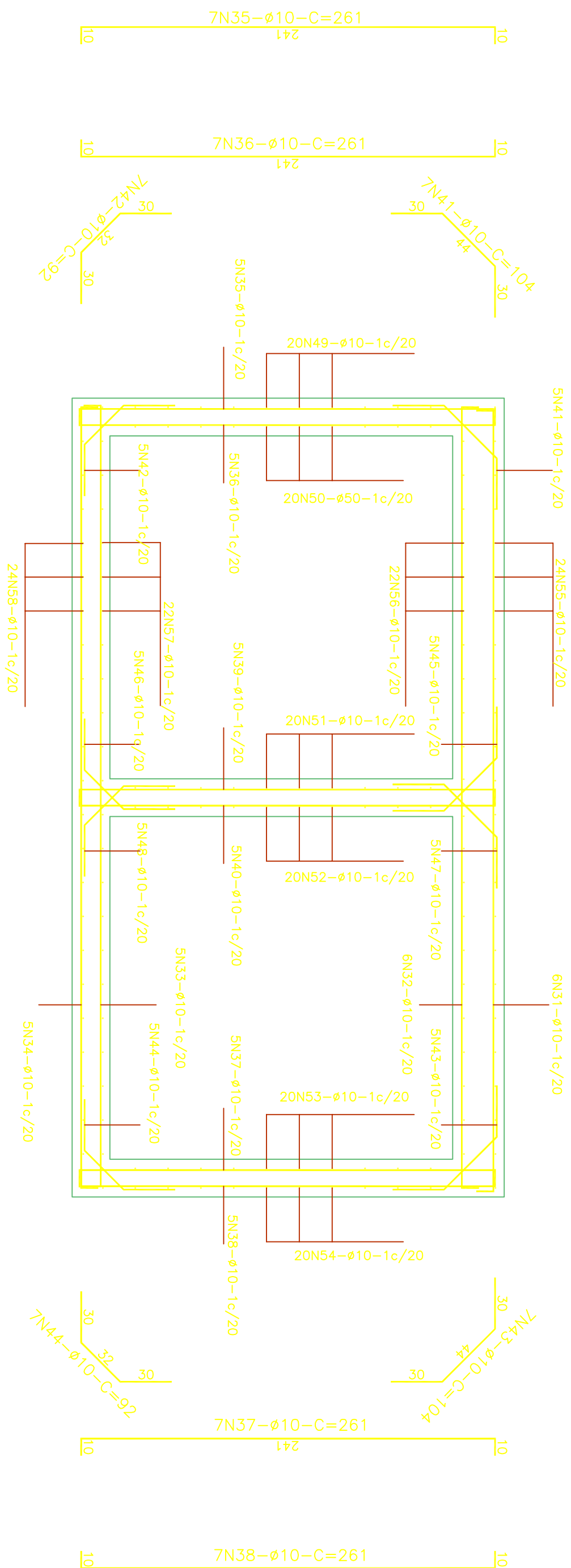


## COTOVELO 11

## ARMADURAS

ESC: 1/25



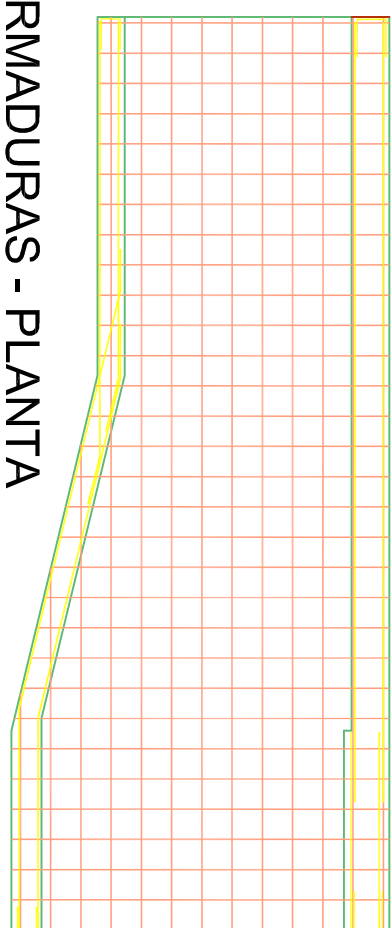
## ARMADURAS

ESC: 1/25

## COTOVELO 11

## ARMADURAS

ESC: 1/25



## ARMADURAS - PLANTA

ESC: 1/50

TABELA DE CORTE

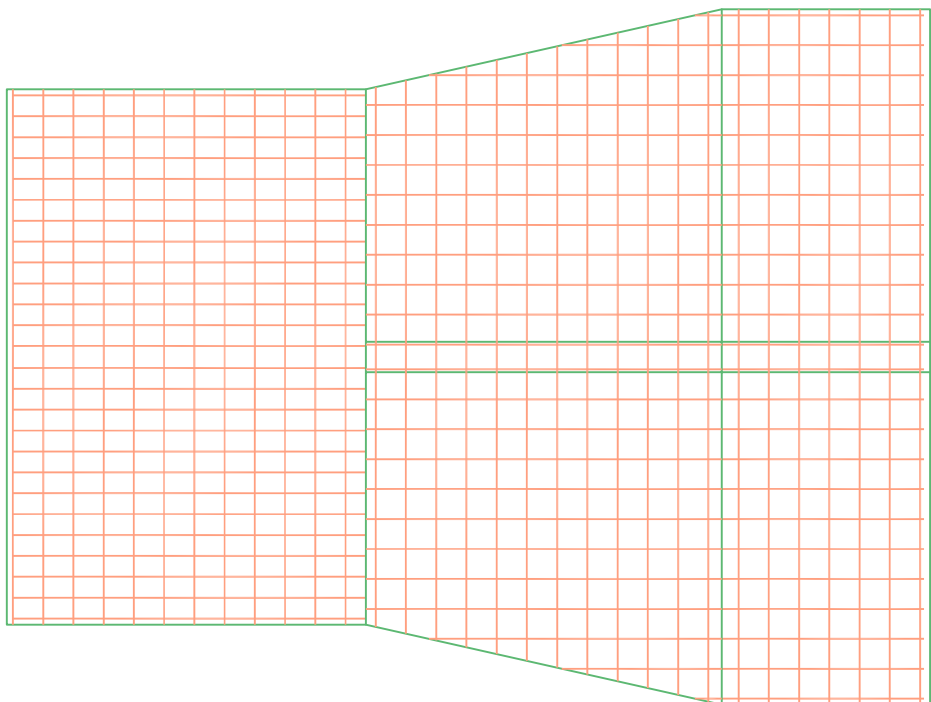
N	QUANT	$\phi$	C. UNIT	C. TOTAL
1	12	10	3.75	4500
2	12	10	3.75	4500
3	12	6	365	4380
4	12	6	365	4380
5	36	6	181	6516
6	36	6	74	2664
7	36	6	181	6516
8	36	6	74	2664
9	18	10	233	4194
10	16	10	233	3728
11	24	6.3	233	5592
12	26	6.3	233	6058
13	22	6.3	233	5126
14	22	6.3	233	5126
15	22	6.3	233	5126
16	21	10	431	9051
17	21	10	431	9051
18	21	6	431	9051
19	21	6	431	9051
20	63	6	275	17325
21	63	6	74	4662
22	63	6	275	17325
23	63	6	74	4662
24	18	10	235	4230
25	16	10	235	3760
26	24	6.3	235	5640
27	26	6.3	235	6110
28	22	6.3	235	5170
29	22	6.3	235	5170
30	22	6.3	235	5170
31	7	10	475	3325
32	7	10	475	3325
33	7	10	475	3325
34	7	10	475	3325
35	7	10	261	1827
36	7	10	261	1827
37	7	10	261	1827
38	7	10	261	1827
39	7	10	261	1827
40	7	10	261	1827
41	7	10	104	728
42	7	10	92	644
43	7	10	104	728
44	7	10	92	644
45	7	10	104	728
46	7	10	92	644
47	7	10	104	728
48	7	10	92	644
49	20	10	133	2660
50	20	10	133	2660
51	20	10	133	2660
52	20	10	133	2660
53	20	10	133	2660
54	20	10	133	2660
55	22	10	133	2926
56	22	10	133	2926
57	21	10	133	2793
58	24	10	133	3192

## RESUMO DO AÇO

DIAM	COMP	PESO
10	100561	620
6	89196	198
6.3	54288	133
TOTAL :		951
TOTAL +10%		1046

## ARMADURAS - PLANTA

ESC: 1/50



# PROJETO EXECUTIVO DE ENGENHARIA

PREFEITURA MUNICIPAL DE JOINVILLE

SECRETARIA DE ADMINISTRAÇÃO

TÍTULO:	ARMADURAS	PRANCHAS Nº
CONTEÚDO:	EDUCAÇÃO - COTONELOS - ARMADURAS	
COORDENADOR:	GAU JOSÉ FRANCO	CREA 25.862 D/P/R
AUTOR:	EDMILSON DE SOUZA	ENG. CIVIL
		CREA 27.052 D/P/R

**ARC-15**

de 1

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