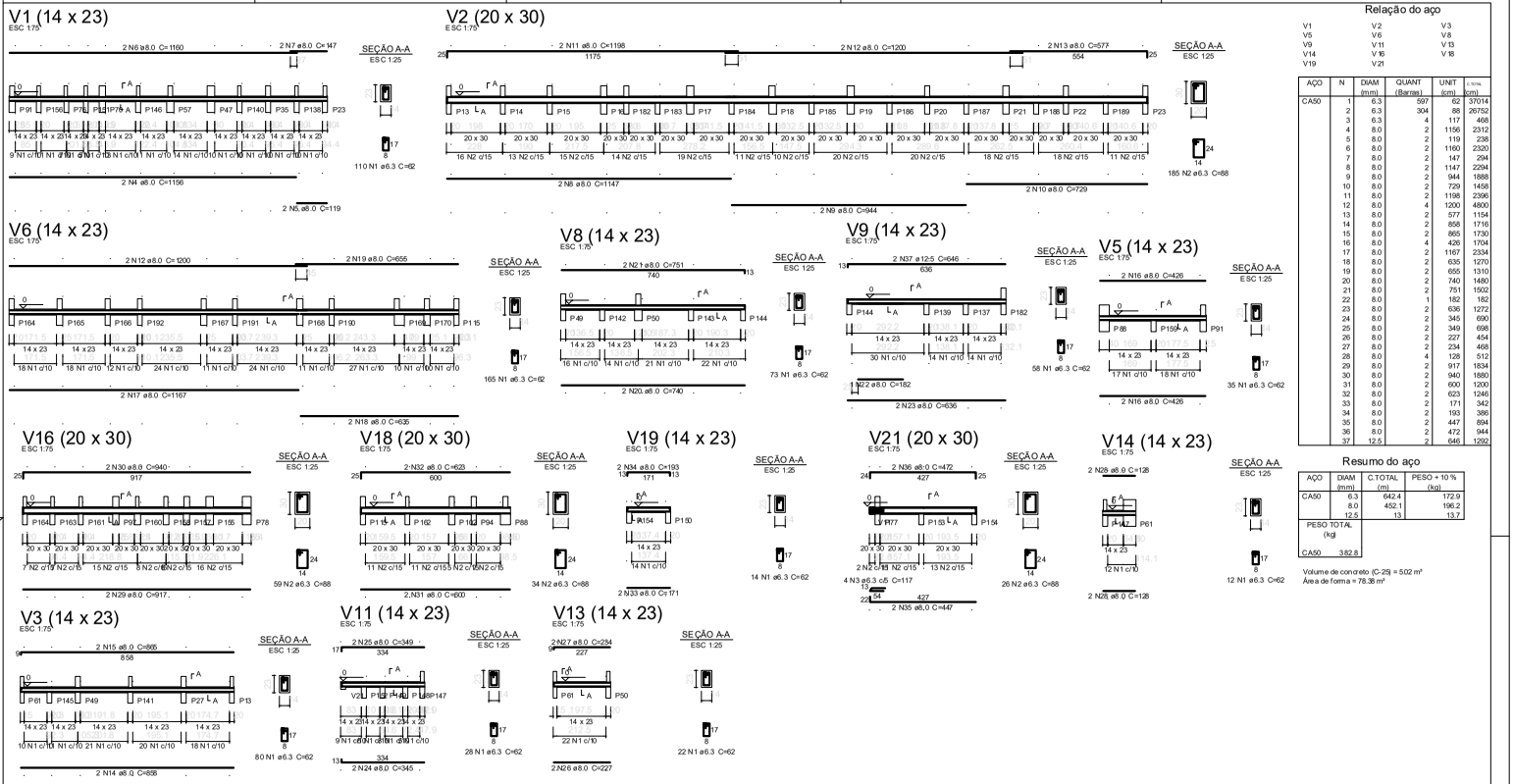
V1 (14 x 23)
ESC 1:75
2 N6 ø8.0 C=1160
2 N7 ø8.0 C=147
SEÇÃO A-A
ESC 1:25
110 N1 ø6.3 C=62
2 N4 ø8.0 C=1156
2 N5 ø8.0 C=119
V2 (20 x 30)
ESC 1:75
2 N11 ø8.0 C=1198
1175
2 N12 ø8.0 C=1200
2 N13 ø8.0 C=577
554
185 N2 ø6.3 C=88
2 N8 ø8.0 C=1147
2 N9 ø8.0 C=944
2 N10 ø8.0 C=729
V6 (14 x 23)
ESC 1:75
2 N12 ø8.0 C=1200
2 N19 ø8.0 C=655
165 N1 ø6.3 C=62
2 N17 ø8.0 C=1167
2 N18 ø8.0 C=635
V8 (14 x 23)
ESC 1:75
2 N21 ø8.0 C=751
740
73 N1 ø6.3 C=62
2 N20 ø8.0 C=740
V9 (14 x 23)
ESC 1:75
2 N37 ø12.5 C=646
636
58 N1 ø6.3 C=62
2 N22 ø8.0 C=182
2 N23 ø8.0 C=636
V5 (14 x 23)
ESC 1:75
2 N16 ø8.0 C=426
35 N1 ø6.3 C=62
2 N16 ø8.0 C=426
V16 (20 x 30)
ESC 1:75
2 N30 ø8.0 C=940
917
59 N2 ø6.3 C=88
2 N29 ø8.0 C=917
V18 (20 x 30)
ESC 1:75
2 N32 ø8.0 C=623
600
34 N2 ø6.3 C=88
2 N31 ø8.0 C=600
V19 (14 x 23)
ESC 1:75
2 N34 ø8.0 C=193
171
14 N1 ø6.3 C=62
2 N33 ø8.0 C=171
V21 (20 x 30)
ESC 1:75
2 N36 ø8.0 C=472
427
26 N2 ø6.3 C=88
4 N3 ø6.3 c/5 C=117
2 N35 ø8.0 C=447
V14 (14 x 23)
ESC 1:75
2 N28 ø8.0 C=128
12 N1 ø6.3 C=62
2 N28 ø8.0 C=128
V3 (14 x 23)
ESC 1:75
2 N15 ø8.0 C=865
858
80 N1 ø6.3 C=62
2 N14 ø8.0 C=858
V11 (14 x 23)
ESC 1:75
2 N25 ø8.0 C=349
334
28 N1 ø6.3 C=62
2 N24 ø8.0 C=345
V13 (14 x 23)
ESC 1:75
2 N27 ø8.0 C=234
227
22 N1 ø6.3 C=62
2 N26 ø8.0 C=227
SEÇÃO A-A
ESC 1:25
Relação do aço
V1 V2 V3
V5 V6 V8
V9 V11 V13
V14 V15 V18
V19 V21
AÇO | N | DIAM (mm) | QUANT (Barras) | UNIT (cm) | C.TOTAL (cm)
CA50 | 1 | 6.3 | 597 | 62 | 37014
2 | 6.3 | 304 | 88 | 26752
3 | 6.3 | 4 | 117 | 468
4 | 8.0 | 2 | 1156 | 2312
5 | 8.0 | 2 | 119 | 238
6 | 8.0 | 2 | 1160 | 2320
7 | 8.0 | 2 | 147 | 294
8 | 8.0 | 2 | 1147 | 2294
9 | 8.0 | 2 | 944 | 1888
10 | 8.0 | 2 | 729 | 1458
11 | 8.0 | 2 | 1198 | 2396
12 | 8.0 | 4 | 1200 | 4800
13 | 8.0 | 2 | 577 | 1154
14 | 8.0 | 2 | 858 | 1716
15 | 8.0 | 2 | 865 | 1730
16 | 8.0 | 4 | 426 | 1704
17 | 8.0 | 2 | 1167 | 2334
18 | 8.0 | 2 | 635 | 1270
19 | 8.0 | 2 | 655 | 1310
20 | 8.0 | 2 | 740 | 1480
21 | 8.0 | 2 | 751 | 1502
22 | 8.0 | 1 | 182 | 182
23 | 8.0 | 2 | 636 | 1272
24 | 8.0 | 2 | 345 | 690
25 | 8.0 | 4 | 349 | 698
26 | 8.0 | 2 | 227 | 454
27 | 8.0 | 2 | 234 | 468
28 | 8.0 | 4 | 128 | 512
29 | 8.0 | 2 | 917 | 1834
30 | 8.0 | 2 | 940 | 1880
31 | 8.0 | 2 | 600 | 1200
32 | 8.0 | 2 | 623 | 1246
33 | 8.0 | 2 | 171 | 342
34 | 8.0 | 2 | 193 | 386
35 | 8.0 | 2 | 447 | 894
36 | 8.0 | 2 | 472 | 944
37 | 12.5 | 2 | 646 | 1292
Resumo do aço
AÇO | DIAM (mm) | C.TOTAL (m) | PESO + 10 % (kg)
CA50 | 6.3 | 642.4 | 172.9
8.0 | 452.1 | 196.2
12.5 | 13 | 13.7
PESO TOTAL (kg)
CA50 | 382.8
Volume de concreto (C-25) = 5.02 m³
Área de forma = 78.38 m²
PROJETO ESTRUTURAL
PRANCHA 22
OBRA
CÂMARA MUNICIPAL
LOCAL
RUA ANANIAS COSTA - IBAITI - PARANÁ
PROP.
FORMATO A1 - INTERNO: 801 x 574mm
EXTERNO: 841 x 594 mm