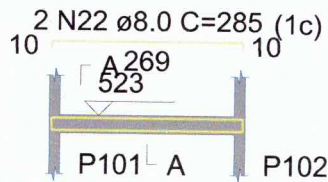


V4
ESC 1:50



15 x 25

21N1c/12

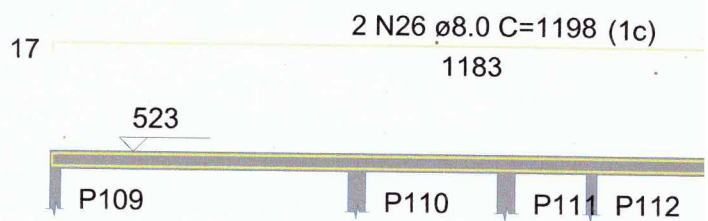
10 269 10
2 N22 ø8.0 C=285 (1c)

SEÇÃO A-A
ESC 1:25

19
9

21 N1 ø5.0 C=67

V5
ESC 1:50



15 x 25

34 N1 c/12

2 N23 ø8.0 C=972 (1c)

15 x 25

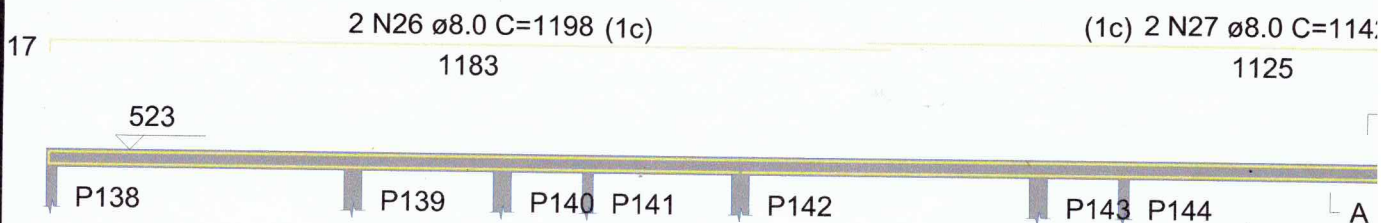
16N1c/12

15 x 25

26N1c/12

15 x 25

V8
ESC 1:50



15 x 25

34 N1 c/12

15 x 25

16N1c/12

15 x 25

26N1c/12

15 x 25

15 x 25

33 N1 c/12

15 x 25

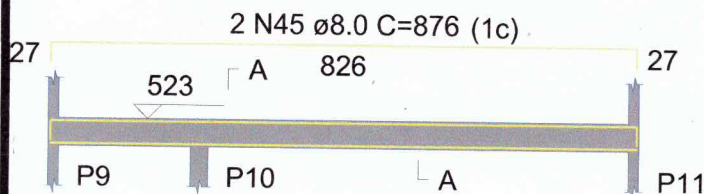
15 x 25

44 N1 c/12

2 N23 ø8.0 C=972 (1c)

2 N29 ø8.0 C=1083 (1c)

V16
ESC 1:50



15 x 40

9N6c/21

15 x 40

29 N6 c/21

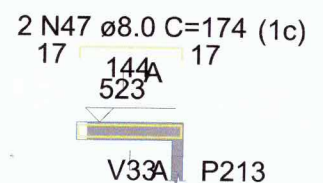
2 N44 ø8.0 C=826 (1c)

SEÇÃO A-A
ESC 1:25

34
9

38 N6 ø5.0 C=97

V17
ESC 1:50



15 x 25

11N1c/12

10 144 10
2 N46 ø8.0 C=160 (1c)

11 N

V6
ESC 1:50

(1c) 2 N27 $\varnothing$ 8.0 C=1142

1125

19

SEÇÃO A-A

ESC 1:25

A

P113

P114

P115

P128

P116

P117

P120

52

15 x 25

15 x 25

15 x 25

15 x 25

15 x 25

33 N1 c/12

44 N1 c/12

16N1c/12 10N1c/12

179 N1 $\varnothing$ 5.0 C=67

142

10

2 N25 $\varnothing$ 8.0 C=150 (1c)

2 N24 $\varnothing$ 8.0 C=1190 (1c)

SEÇÃO A-A

ESC 1:25

19

V9

ESC 1:50

2 N32 $\varnothing$ 8.0 C=170 (1c)

10

10

154

523

P158

P159

15 x 25 15 x 25

16N1c/12 10N1c/12

155

10

2 N31 $\varnothing$ 8.0 C=163 (1c)

19
9

179 N1 $\varnothing$ 5.0 C=67

15 x 25

11N1c/12

11 N1 $\varnothing$ 5.0 C=67

10 154 10
2 N32 $\varnothing$ 8.0 C=170 (1c)

2 N30 $\varnothing$ 8.0 C=154 (1c)

17

V15

ESC 1:50

SEÇÃO A-A

ESC 1:25

A

523

P197

15 x 2

43 N1 c

2 N

SEÇÃO A-A

ESC 1:25

V18
ESC 1:50

2 N49 $\varnothing$ 8.0 C=319 (1c)

10

A 311

523

P214

A

P215

15 x 25

24N1c/12

2 N48 $\varnothing$ 8.0 C=311 (1c)

SEÇÃO A-A

ESC 1:25

V19

ESC 1:50

2 N51 $\varnothing$ 8.0 C=319 (1c)

10

A 311

523

P218

A

P219

15 x 25

24N1c/12

2 N50 $\varnothing$ 8.0 C=311 (1c)

SEÇÃO A-A

ESC 1:25

V20

ESC 1:50

17

P

19
9

24 N1 $\varnothing$ 5.0 C=67

V7
ESC 1:50

2 N16 ϕ 8.0 C=1200 (1c)

2 N28 ϕ 8.0 C=348 (1c)

SEÇÃO A-A
ESC 1:25

2 N22 ϕ 8.0 C=

3

A

P121

P122

A

P130

10

269
523

P125 A

15 x 25

15 x 25

15 x 25

15 x 25

4 N1 c/12

28N1c/12

45 N1 c/12

19
9

21N1c/12

117 N1 ϕ 5.0 C=67

10

269

2 N22 ϕ 8.0 C=

2 N8 ϕ 8.0 C=965 (1c)

2 N9 ϕ 8.0 C=610 (1c)

2 N26 ϕ 8.0 C=1198 (1c)

1183

2 N16 ϕ 8.0 C=1200 (1c)

(1c) 2 N

A

P198

P199

P200

P201

P202

P203

P204

5

15 x 25

15 x 25

15 x 25 15 x 25

15 x 25

15 x 25

15 x 25

/12

23N1c/12

34 N1 c/12

5N1c/12 8N1c/12

23N1c/12

23N1c/12

20N1c/12

834

40 ϕ 8.0 C=822 (1c)

2 N42 ϕ 8.0 C=842

2 N41 ϕ 8.0 C=1053 (1c)

C 1:50

2 N26 ϕ 8.0 C=1198 (1c)

1183

(1c) 2 N54 ϕ 8.0 C=560

545

17

SEÇÃO A-A

ESC 1:25

523

A

P220

P221

A

P222

P223

P224

P225

P24

15 x 25

15 x 25

15 x 25

15 x 25

15 x 25

15 x 25

19
9

22N1c/12

23N1c/12

23N1c/12

23N1c/12

21N1c/12

18N1c/12

130 N1 ϕ 5.0 C=6

2 N52 ϕ 8.0 C=1197 (1c)

SEÇÃO A-A

ESC 1:25

=285 (1c)
10

A

P126



19
9

21 N1 ø5.0 C=67

10
=285 (1c)

D

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	1786.1	775.2
CA60	10.0	37.6	25.5
CA60	5.0	2350.6	398.5
PESO TOTAL (kg)			
CA50	800.7		
CA60	398.5		

Volume de concreto (C-25) = 17.13 m³

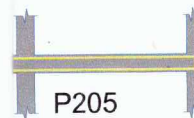
Área de forma = 296.13 m²

SEÇÃO A-A

ESC 1:25

43 ø8.0 C=337

329 10



P205

P9

15 x 25

18N1c/12

207 N1 ø5.0 C=67

10
? (1c)

?

V21
ESC 1:50

SEÇÃO A-A

ESC 1:25

2 N56 ø8.0 C=210 (1c)

10 104 10



523

P33 A

P34

15 x 25

15N1c/12

15 N1 ø5.0 C=67

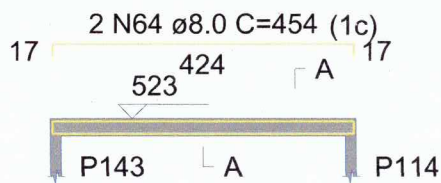
19
9

194 10
2 N55 ø8.0 C=202 (1c)

7

V28
ESC 1:50

SEÇÃO A-A
ESC 1:25



15 x 25

34 N1 c/12

2 N63 ø8.0 C=424 (1c)

V29
ESC 1:50

SEÇÃO A-A
ESC 1:25



15 x 25

34 N1 c/12

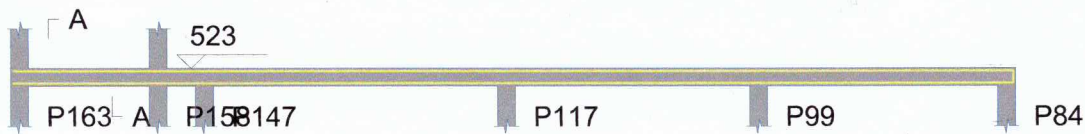
2 N65 ø8.0 C=444 (1c)

V36
ESC 1:50

2 N16 ø8.0 C=1200 (1c)

(1c) 2 N79 ø8.0 C=258
243 17

SEÇÃO A-A
ESC 1:25



15 x 25 15 x 25

15 x 25

15 x 25

15 x 25

20 N1 c/12

34 N1 c/12

28 N1 c/12

28 N1 c/12

110 N1 ø5.0 C=67

2 N77 ø8.0 C=1080 (1c)

2 N78 ø8.0 C=390 (1c)

V49
ESC 1:50

SEÇÃO A-A
ESC 1:25

2 N97 ø8.0 C=494 (1c)



15 x 25

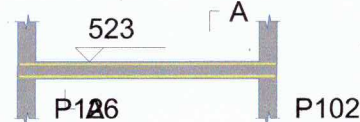
35 N1 c/12

2 N97 ø8.0 C=494 (1c)

V50
ESC 1:50

SEÇÃO A-A
ESC 1:25

2 N96 ø8.0 C=359 (1c)



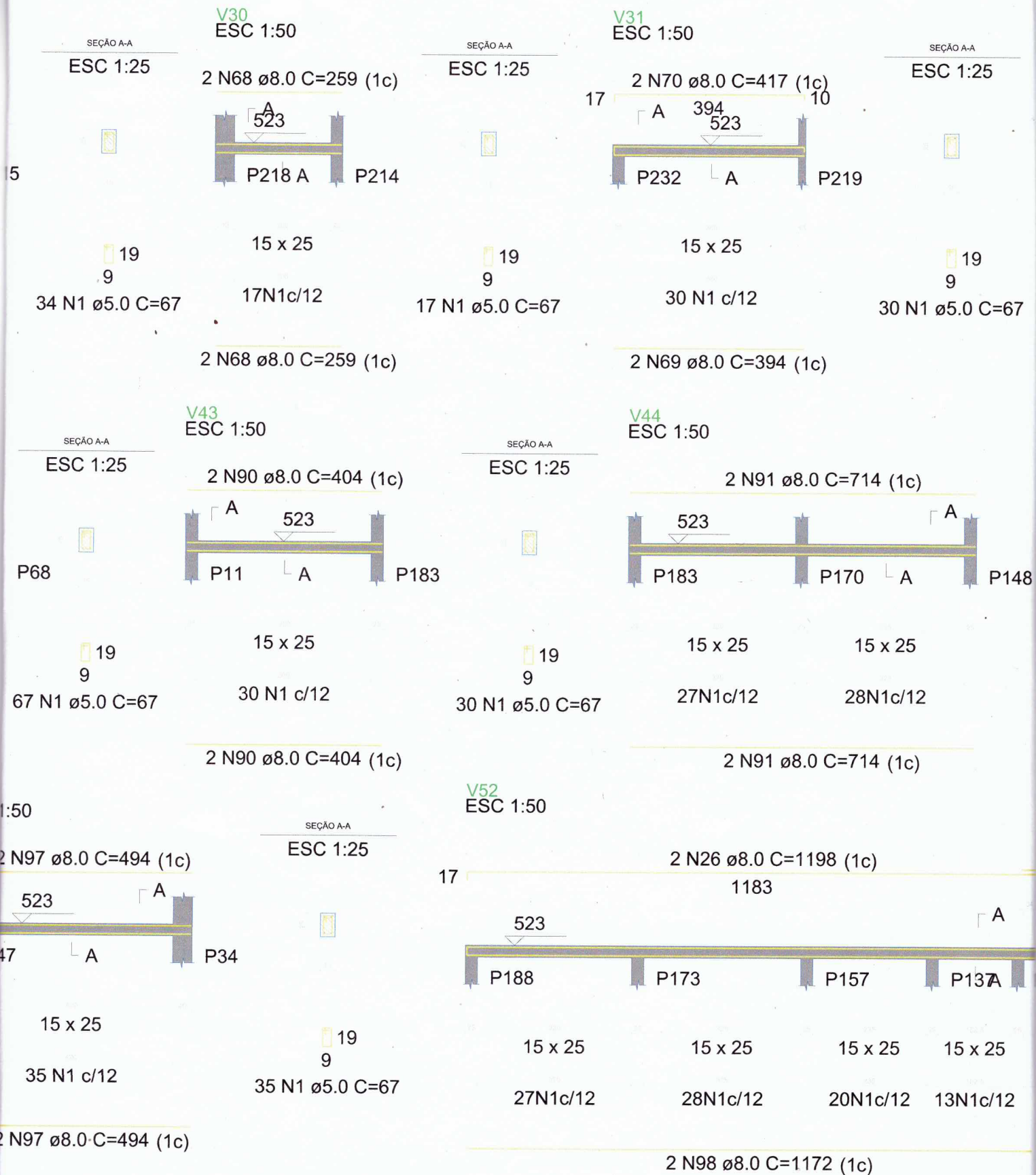
15 x 25

27 N1 c/12

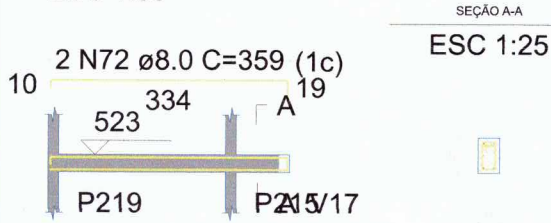
2 N96 ø8.0 C=359 (1c)

V51
ESC

27 N1 ø5.0 C=67



V32
ESC 1:50



V33
ESC 1:50



15 x 25 15 x 25

20N1c/12 7N1c/12

334 10

2 N71 ø8.0 C=342 (1c)

27 N1 ø5.0 C=67

19 9

15 x 25 15 x 25 15 x 25

17N1c/12 6N1c/12 23N1c/12

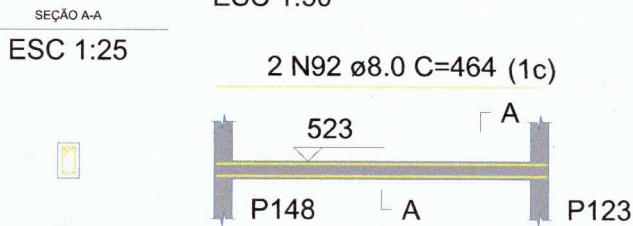
604 10

2 N73 ø8.0 C=612 (1c)

46 N1 ø5.0 C=67

19 9

V45
ESC 1:50



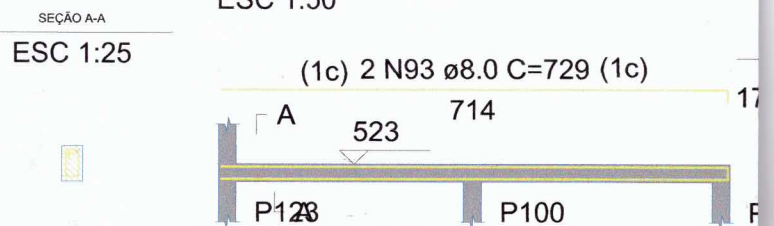
15 x 25

35 N1 c/12

55 N1 ø5.0 C=67

2 N92 ø8.0 C=464

V46
ESC 1:50



15 x 25 15 x 25

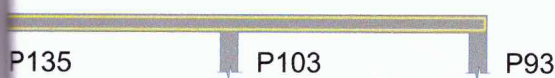
27N1c/12 28N1c/12

35 N1 ø5.0 C=67

2 N91 ø8.0 C=714 (1c)

(1c) 2 N100 ø8.0 C=720

705 17



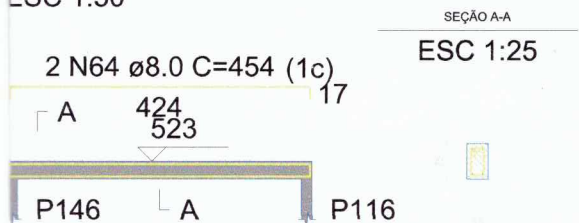
15 x 25 15 x 25

28N1c/12 28N1c/12

144 N1 ø5.0 C=67

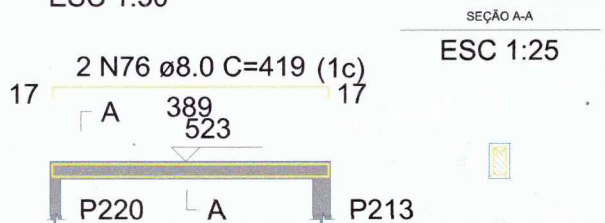
2 N99 ø8.0 C=742 (1c)

V34
ESC 1:50



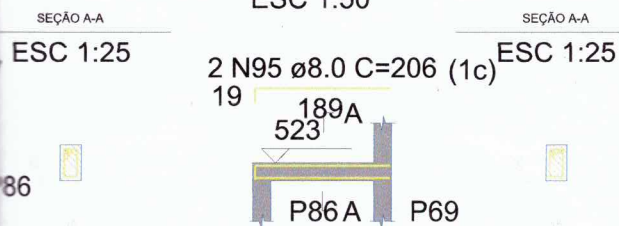
15 x 25
34 N1 c/12
34 N1 ø5.0 C=67

V35
ESC 1:50



15 x 25
30 N1 c/12
30 N1 ø5.0 C=67

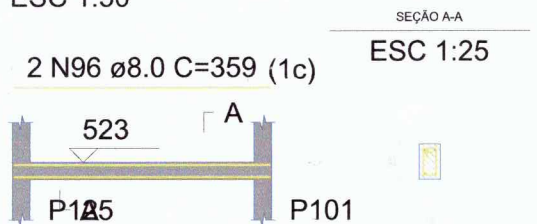
V47
ESC 1:50



15 x 25
N1 ø5.0 C=67
15N1c/12
15 N1 ø5.0 C=67

10 189
2 N94 ø8.0 C=197 (1c)

V48
ESC 1:50



15 x 25
27N1c/12
27 N1 ø5.0 C=67

2 N96 ø8.0 C=359 (1c)



PREFEITURA MUNICIPAL DE TELÊMACO BORBA

Administração:

Marcio Artur de Matos
Prefeito Municipal

SMP UHMA

SECRETARIA MUNICIPAL DE PLANEJAMENTO URBANO HABITAÇÃO E MEIO AMBIENTE

ISABELLE ADAMOVSKI

eng.º civil crea nº 78.757 D/Pr

DP & PU

DIVISÃO DE PROJETOS E PLANEJAMENTO URBANO

Conteúdo da prancha:
Forma do pavimento Viga fechamento pav.1

Escala:
indicada

Data:
03/2020

Desenho:

Revisão:

Aprovação:

Obra:

Escola Municipal Monte Sinai

Referência:

ESTRUTURAL

Resp. técnico:

Andrei Crystian Vieira

Eng. civil CREA-Pr 149.282/D

Folha:

05/22

Rev.

00

Arquivo:

DEUTERONOMIO 19:1

Quando o Senhor teu Deus desarraigou as nações, cuja terra te dá, e as despojares, e maiores nas suas cidades e nas suas casas tres cidades reservarás na terra que o teu Deus te dá para a possuíres.

Formato - A1