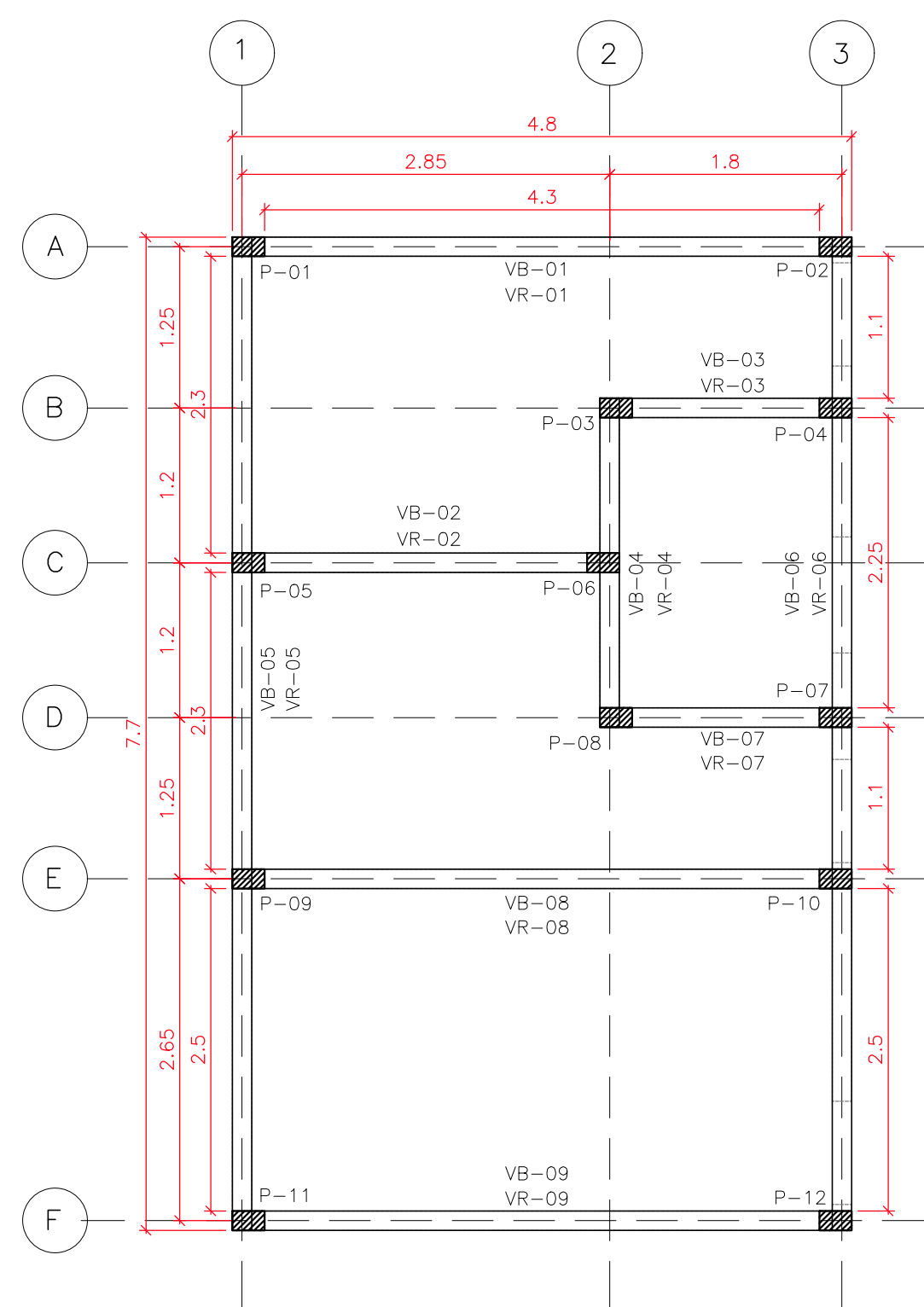




2 LOCAÇÃO DE PILARES

SEÇÃO DA ESTACA
ESCALA: 1:25

400

400

50

350

4 N2 Ø10.0 C=390

Ø20

Ø15

26 N1 Ø5.0 C/15 C=47

Unidade					
AÇO	N	DIAM (mm)	QUANT (und)	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	312	47	14664
CA50	2	10.0	48	390	18720

AÇO	DIAM (mm)	C.TOTAL (m)	PESO +10% (kg)
CA60	5.0	146,64	24,84
CA50	10.0	187,20	127,05
PESO TOTAL (kg)		Volume de concreto (C-25) = 1,51 m³	
CA60	24,84	Área de forma = 0 m²	
CA50	127,05		

Technical drawing of a mechanical part showing three views: front, top, and side. The part is labeled "CORTA AA" and "CORTA BB".

Front View: A square with an outer dimension of 40 mm and an inner square of 20 mm. The inner square is shaded. The top and bottom edges are labeled 40, and the left and right edges are labeled 20.

Top View: A square with an outer dimension of 34 mm and an inner square of 10 mm. The inner square is shaded. The top and bottom edges are labeled 34, and the left and right edges are labeled 10.

Side View: A square with an outer dimension of 40 mm and an inner square of 20 mm. The inner square is shaded. The top and bottom edges are labeled 40, and the left and right edges are labeled 20.

Dimensions:

- Outer dimensions: 40 mm (width and height).
- Inner dimensions: 20 mm (width and height).
- Top view dimensions: 34 mm (width and height).
- Inner top view dimensions: 10 mm (width and height).

Material and Quantity:

- Material: 4 N3 Ø10.0 C=146
- Quantity: 4

AÇO	N	DIAM (mm)	QUANT (und)	C.UNIT (cm)	C.TOTAL (cm)
CA50	3	10.0	48	146	7008

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	70,08	47,56
PESO TOTAL (kg)		Volume de concreto (C-25) = 0,77 m³	
CA50	47,56	Área de forma = 7,68 m²	

TOPO DA ALVENARIA

SEÇÃO DOS PILARES

20 N4 $\phi 6.3$ C=61

25

15

19

6

300

20 N4 C/15

25

297

4 N5 $\phi 10.0$ C=297

FUNDAÇÃO

AÇO	N	DIAM (mm)	QUANT (und)	C.UNIT (cm)	C.TOTAL (cm)
CA50	4	6.3	240	61	14640
	5	10.0	48	297	14256

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	146,40	39,45
	10.0	142,56	96,75
PESO TOTAL (kg)		Volume de concreto (C-30) = 1,35 m³	
CA50	136,20	Área de forma = 28,80 m²	

SEÇÃO VIGA BALDRAME
ESCALA: 1:25

480
474
3 x 2 N6 #10.0 C=522
24
25
430
20 x 30
465
32 N4 C/15
474
3 x 2 N7 #10.0 C=474
24
25
30
20
24
14
3 x 32 N4 #6.3 C=86

SEÇÃO VIGA BALDRAME
ESCALA: 1:25

300
294
2 NB #10.0 C=342
25
250
20 X 30
285
20 N4 C/15
294
2 NB #10.0 C=294

30
20
24
14
20 N4 #6.3 C=86

SEÇÃO VIGA DE RESISTÊNCIA
ESCALA: 1:25

480
474
34
3 x 2 N18 #10.0 C=542
25
25
430
20 X 30
465
32 N4 #6.3 C=474
474
3 x 2 N18 #10.0 C=474

40
34
15
9
3 x 32 N4 #6.3 C=474

300
294
34
2 N20 ϕ 10.0 C=362
25
250
20 X 30
285
20 N4 C/15
294
2 N21 ϕ 10.0 C=284

SEÇÃO VIGA DE RESPALDO
ESCALA: 1:25

40
24
15
20 N4 ϕ 6.3 C=91

[illegible]

SEÇÃO VIGA BALDRAME
ESCALA: 1:25

249

245

249

2 N12 $\phi 10.0$ C=297

24

24

20 x 30

105

15

105

15

20 x 30

120

8 N4 C/15

9 N4 C/15

249

2 N13 $\phi 10.0$ C=249

300

20

24

14

17 N4 $\phi 6.3$ C=86

SEÇÃO VIGA DE RESPALDO
ESCALA: 1:25

195
189
34
2 x 2 N22 #10.0 C=257
25
145
25
20 x 30
180
13 N4 C/15
189
2 x 2 N23 #10.0 C=189
40
34
15
9
2 x 13 N4 #6.3 C=91

SEÇÃO VIGA DE RESPALDO
ESCALA: 1:25

SEÇÃO VIGA BALDRAME
ESCALA: 1:25

770
764
24
24
30
20
24
14
250
230
230
230
18 N4 C/15
16 N4 C/15
17 N4 C/15
764
2 N14 $\phi 10.0$ C=812
2 N15 $\phi 10.0$ C=764
51 N4 $\phi 6.3$ C=86

RELAÇÃO DO AÇO VIGA BALDRAME					
ÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
A50	4	6,3	261	86	22446
	6	7	6	522	3132
	8	10,0	6	474	2844
	8	10,0	2	342	684
	9	10,0	2	204	588
	10	10,0	4	237	984
	11	10,0	4	189	756
	12	10,0	2	297	594
	13	10,0	2	129	498
	14	10,0	2	812	1624
	15	10,0	2	764	1528
	16	10,0	2	812	1624
17	10,0	2	764	1528	

SEÇÃO VIGA DE RESPALDO
ESCALA: 1:25

Top View Dimensions:
 Total length: 770
 Spacing between reinforcement: 764
 Reinforcement: 2 N26 #10.0 C=532
 End anchorage: 3x4
 Section spacing: 250, 230, 230
 Section reinforcement: 20 X 30, 20 X 30, 20 X 30
 Section dimensions: 265, 245, 245
 Section reinforcement: 18 N4 C/15, 16 N4 C/15, 17 N4 C/15
 Total width: 764
 Reinforcement: 2 N27 #10.0 C=764

Side View Dimensions:
 Total height: 40
 End anchorage: 3x4
 Section height: 15, 9
 Section reinforcement: 51 N4 #6.3 C=91

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	4	6,3	261	91	23751
	18	10,0	6	342	3252
	19	10,0	2	662	2844
	20	10,0	2	362	724
	21	10,0	2	294	588
	22	10,0	4	257	1028
	23	10,0	4	189	756
	24	10,0	2	317	634
	25	10,0	2	249	498
	26	10,0	2	262	1654
	27	10,0	2	764	1528
	28	10,0	2	832	1664
29	10,0	2	764	1528	

SEÇÃO VIGA BALDRAME
ESCALA: 1:25

30
20

24

770
764

2 N16 ϕ 10,0 C=812

250
265
18 N4 C/15

110
125
8 N4 C/15

225
240
16 N4 C/15

110
125
9 N4 C/15

764

2 N17 ϕ 10,0 C=764

51 N4 ϕ 6,3 C=86

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
A50	6.3	224,46	60,49
A50	10.0	163,48	110,95
PESO TOTAL (kg)		Volume de concreto (C-25) = 2,35 m³	
A50	171,44	Área de forma = 23,55 m²	

SEÇÃO VIGA DE RESPALDO
ESCALA: 1:25

770
764
34
34
2 N28 ϕ 10.0 C=532

250
20 X 30
265
18 N4 C/15

110
20 X 30
125
8 N4 C/15

225
20 X 30
240
16 N4 C/15

110
20 X 30
125
9 N4 C/15

764
2 N29 ϕ 10.0 C=764

40
34
15
9
51 N4 ϕ 6.3 C=91

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	237,51	64,00
CA50	10,0	167,08	113,40
PESO TOTAL (kg)		Volume de concreto (C-25) = 2,35 m³ Área de forma = 37,29 m²	
CA50	177,40		