

The drawing shows a reinforced concrete slab with the following details:

- Top View:**
 - Reinforcement: 28 ϕ 5 C/12.5 (N7 (348)), 30 ϕ 5 C/12.5 (N7 (365)), 30 ϕ 5 C/12.5 (N7 (365)).
 - Dimensions: 20/25 (width), 20/25 (length).
 - Supports: S1, S2, S3, S4, S11, S12, S13, S14.
- Bottom View:**
 - Reinforcement: 2 N1 ϕ 8 C=535, 2 N2 ϕ 5 C=200, 2 N3 ϕ 8 C=555, 2 N4 ϕ 8 C=410, 2 N5 ϕ 8 C=390, 2 N6 ϕ 8 C=430.
 - Dimensions: 16 (width), 19 (length).
 - Supports: S1, S2, S3, S4, S11, S12, S13, S14.

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Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and material specifications.

Top View Dimensions:

- Overall width: 35
- Overall height: 120
- Central feature width: 29
- Central feature height: 10
- Material: P5 Lance 1
- Material: 10 N3 C=102
- Material: 8 N1 Ø 20

Side View Dimensions:

- Overall height: 120
- Central feature height: 29
- Central feature width: 10
- Material: P5 Lance 1
- Material: 10 N3 C=102
- Material: 8 N1 Ø 20

Other Dimensions:

- 14 N2 Ø 20 C=126
- 8 N1 Ø 20 C=37
- 4 N4 Ø 5 C=94
- 4 N4 Ø 5 C=95
- 8 N3 Ø 6.3 C=10
- 8 N3 Ø 6.3 C=10
- 8 N3 Ø 6.3 C=10

Scale: 1:30

P6 Lance 1

TERRA

29

12 N3 C=104

8 NI Ø 20

40

5 N4 Ø 5 C=54

22 N2 Ø 25 C=46

8 NI Ø 20 (C=37)

10 Ø 8 C7/10

46

1:30

P7 Lance 1
TERRA

35
20
8 NI • 20
1:30

29
9 N3
C=102

40
Fundaco
C=94
4 NI
8 NI
C=115
C=37
C=115
C=37
C=115
C=37

Technical drawing of a mechanical part, labeled "P8 Lance 1". The drawing shows a side view of a component with various dimensions and features.

Key dimensions and features:

- Overall width: 35
- Central hole: $\varnothing 20$ at position 120
- Right side holes (from top to bottom):
 - $\varnothing 18$ at position 20
 - $\varnothing 16$ at position 20
 - $\varnothing 14$ at position 20
 - $\varnothing 12$ at position 20
 - $\varnothing 10$ at position 20
- Overall length: 115
- Bottom hole: $\varnothing 10$ at position 63
- Scale: 1:30
- Label "TERRE" with an arrow pointing to a specific feature.

Technical drawing of a P9 Lance component. The drawing includes a front view and a side view. The front view shows a rectangular component with a central hole. Dimensions include a total width of 35, a central hole diameter of 29, and a distance of 6.3 from the center to the edge. The side view shows a rectangular component with a total height of 40, a central hole diameter of 29, and a distance of 6.3 from the center to the edge. The drawing also includes material specifications: 8 NI and 20. The drawing is labeled "P9 Lance" and "Fun".

P10 Lance 1

120

35

• 8 NI Ø 20

29

9 N3
C=102

6.3

Fun

TER

5

24 N2 Ø 20

C=115

20

C=37

24 N2 Ø 20

6 NI Ø 20

34 N4 N3 M4
C=70

6.3

1:30

P11 Lance 1

1:30

35

20

• 8 N1 ø 20

29

11 N3 C=104

TERRO

5 N4 ø 15 C=94

30 N2 ø 25 C=135

• 8 N1 ø 20 C=37

10 ø 8 C/10

10 ø 8 C/20

10 ø 8 C/30

10 ø 8 C/40

10 ø 8 C/50

10 ø 8 C/60

10 ø 8 C/70

10 ø 8 C/80

10 ø 8 C/90

10 ø 8 C/100

10 ø 8 C/110

10 ø 8 C/120

10 ø 8 C/130

10 ø 8 C/140

10 ø 8 C/150

10 ø 8 C/160

10 ø 8 C/170

10 ø 8 C/180

10 ø 8 C/190

10 ø 8 C/200

10 ø 8 C/210

10 ø 8 C/220

10 ø 8 C/230

10 ø 8 C/240

10 ø 8 C/250

10 ø 8 C/260

10 ø 8 C/270

10 ø 8 C/280

10 ø 8 C/290

10 ø 8 C/300

10 ø 8 C/310

10 ø 8 C/320

10 ø 8 C/330

10 ø 8 C/340

10 ø 8 C/350

10 ø 8 C/360

10 ø 8 C/370

10 ø 8 C/380

10 ø 8 C/390

10 ø 8 C/400

10 ø 8 C/410

10 ø 8 C/420

10 ø 8 C/430

10 ø 8 C/440

10 ø 8 C/450

10 ø 8 C/460

10 ø 8 C/470

10 ø 8 C/480

10 ø 8 C/490

10 ø 8 C/500

10 ø 8 C/510

10 ø 8 C/520

10 ø 8 C/530

10 ø 8 C/540

10 ø 8 C/550

10 ø 8 C/560

10 ø 8 C/570

10 ø 8 C/580

10 ø 8 C/590

10 ø 8 C/600

10 ø 8 C/610

10 ø 8 C/620

10 ø 8 C/630

10 ø 8 C/640

10 ø 8 C/650

10 ø 8 C/660

10 ø 8 C/670

10 ø 8 C/680

10 ø 8 C/690

10 ø 8 C/700

10 ø 8 C/710

10 ø 8 C/720

10 ø 8 C/730

10 ø 8 C/740

10 ø 8 C/750

10 ø 8 C/760

10 ø 8 C/770

10 ø 8 C/780

10 ø 8 C/790

10 ø 8 C/800

10 ø 8 C/810

10 ø 8 C/820

10 ø 8 C/830

10 ø 8 C/840

10 ø 8 C/850

10 ø 8 C/860

10 ø 8 C/870

10 ø 8 C/880

10 ø 8 C/890

10 ø 8 C/900

10 ø 8 C/910

10 ø 8 C/920

10 ø 8 C/930

10 ø 8 C/940

10 ø 8 C/950

10 ø 8 C/960

10 ø 8 C/970

10 ø 8 C/980

10 ø 8 C/990

10 ø 8 C/1000

[illegible][illegible]

Technical drawing of a mechanical part, labeled "P14 Lance 1". The drawing shows a side view of a component with various dimensions and features. Key dimensions include a total width of 35, a central hole with diameter 20, and a total height of 126. The part has a top flange with a thickness of 20 and a bottom flange with a thickness of 14. A central section has a width of 40 and a height of 5. A small rectangular feature on the left has a width of 29 and a height of 10. The drawing also shows a top view with a central hole of diameter 20 and a total width of 35. The part is labeled "P14 Lance 1" and "TERRA".

AÇO	POS	BIT (mm)	QUANT	COMPROMITO		
				UNID (cm)	TOTAL (cm)	
P1 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	18	115	2070
	50A	3	6,3	9	102	918
	60B	4	5	4	94	376
P2 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	24	115	2760
	50A	3	6,3	9	102	918
	50A	4	6,3	9	32	288
	60B	5	5	5	94	470
P3 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	24	115	2760
	50A	3	6,3	9	102	918
	50A	4	6,3	9	32	288
	60B	5	5	5	94	470
P4 Lance 1						
	50A	1	20	8	37	296
	50A	2	25	22	146	3212
	50A	3	8	12	104	1248
	60B	4	5	5	94	470
P5 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	14	126	1764
	50A	3	6,3	10	102	1020
	60B	4	5	4	94	376
P6 Lance 1						
	50A	1	20	8	37	296
	50A	2	25	22	146	3212
	50A	3	8	12	104	1248
	60B	4	5	5	94	470
P7 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	18	115	2070
	50A	3	6,3	9	102	918
	60B	4	5	4	94	376
P8 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	18	115	2070
	50A	3	6,3	9	102	918
	60B	4	5	4	94	376
P9 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	24	115	2760
	50A	3	6,3	9	102	918
	50A	4	6,3	9	32	288
	60B	5	5	5	94	470
P10 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	24	115	2760
	50A	3	6,3	9	102	918
	50A	4	6,3	9	32	288
	60B	5	5	5	94	470
P11 Lance 1						
	50A	1	20	8	37	296
	50A	2	25	30	135	4050
	50A	3	8	11	104	1144
	60B	4	5	5	94	470
P12 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	18	115	2070
	50A	3	6,3	9	102	918
	60B	4	5	4	94	376
P13 Lance 1						
	50A	1	20	8	37	296
	50A	2	25	22	146	3212
	50A	3	8	12	104	1248
	60B	4	5	5	94	470
P14 Lance 1						
	50A	1	20	8	37	296
	50A	2	20	14	126	1764
	50A	3	6,3	10	102	1020
	60B	4	5	4	94	376
V1=V2(inv)=V3=V4(inv) (X4)						
	50A	1	8	8	535	4280
	60B	2	5	8	200	1600
	50A	4	8	8	555	4440
	50A	4	8	8	410	3280
	50A	5	8	8	390	3120
	50A	6	8	8	430	3440
	60B	7	5	352	81	26512
V8=V5=V6=V7=V9=V10=V11 (X7)						
	50A	1	8	14	210	2940
	50A	2	8	28	150	4200
	50A	3	8	14	470	6580
	60B	4	5	224	81	18144
	60B	4	5	10	454	12152

RESUMO AÇO CA 50-60				
AÇO	BIT (mm)	COMPR (m)	PESO (kg)	
60B	5	543		84
50A	6,3	105		26
50A	8	372		147
50A	10	122		75
50A	20	270		666
50A	25	137		527
Peso Total	60B =		84	kg
Peso Total	50A =		1441	kg

Peso Total	60B =	6X84=504 kg
Peso Total	50A =	6X1441=8646 kg

CLIENTE		PREFEITURA MUNICIPAL DE MIRADOURO		OBRA N.º		0001	
RT		VANESSA MONTES MACHADO CREA 70595/D MG		DES. N.º			
OBRA		LAJE SOBRE GALERIA					
ENDEREÇO		RUA IRMÃOS GUEDES				03/05	
TÍTULO		P1 Lance 1 / P2 Lance 1 P3 Lance 1 / P4 Lance 1 P5 Lance 1 / P6 Lance 1 P7 Lance 1 / P8 Lance 1 P9 Lance 1 / P10 Lance 1 P11 Lance 1 / P12 Lance 1 P13 Lance 1 / P14 Lance 1 V1=V2(inv)=V3=V4(inv) V8=V5=V6=V7=V9=V10=V11					
		LAJE SOBRE GALERIA				REV. N.º	
						00	
DATA		02/12/2017		ESCALA		1:50	
FCK		250		BENEFÍCIO		VERIF.	
ENG.º							