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TERREO - L3	TERREO - L3	TERREO - L3
TERREO - L3 ESC 1:20	TERREO - L3 ESC 1:20	TERREO - L3 ESC 1:20

Technical drawing of a staircase showing two views: a side elevation and a plan view.

Side Elevation (Left):

- Total height: 350
- Total width: 290
- ESC 1:20
- Dimensions: 24, 6, 29 N1 ø5.0 C=72, 29 N5 ø5.0 C=21
- Symbol: NS

Side Elevation (Right):

- Total height: 350
- Total width: 290
- ESC 1:20
- Dimensions: 24, 6, 29 N1 ø5.0 C=72, 29 N5 ø5.0 C=21
- Symbol: NS

Plan View (Bottom):

- Width: 120
- Depth: 330
- ESC 1:20
- Dimensions: 12, 6, 29 N1 ø5.0 C=72, 29 N5 ø5.0 C=21
- Symbol: NS

Vol. de concreto total (C-30) = 7.99 m³
Vol. de concreto total (C-25) = 6.98 m³
Área de forma total = 315.72 m²

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Figure 1: Schematic representation of the experimental design. The figure is divided into four panels: ESC 150, ESC 125, ESC 150, and ESC 125. Each panel shows a timeline of events for two groups: 2 N13 e8.0 C=308 (1Camada) and 2 N12 e8.0 C=294 (1Camada). The timeline includes a 16-day period, a 360-day period, and a 12 x 30 period. The ESC 150 panels show a 16-day period, a 360-day period, and a 12 x 30 period. The ESC 125 panels show a 16-day period, a 360-day period, and a 12 x 30 period. The ESC 150 panels show a 16-day period, a 360-day period, and a 12 x 30 period. The ESC 125 panels show a 16-day period, a 360-day period, and a 12 x 30 period.

Figure 1 consists of two schematic diagrams of the ESC 150 and ESC 150i. The ESC 150 diagram (left) shows a horizontal beam with a central section labeled 'SEÇÃO A-A' and 'ESC 125'. The beam has a total length of 16m and a width of 276mm. It features a central section with a width of 350mm and a height of 115mm. The beam is supported by two vertical supports, P18 and P19, which are 12x30mm in size. The beam is also connected to a wall on the right side. The ESC 150i diagram (right) shows a similar beam but with a different internal structure. It has a total length of 16m and a width of 276mm. The central section has a width of 350mm and a height of 115mm. The beam is supported by two vertical supports, P15 and P14, which are 12x30mm in size. The beam is also connected to a wall on the right side. Both diagrams show the beam's connection to a wall and the location of the ESC 150 and ESC 150i units.

ESC 150

ESC 12

16

10

300

1146

2 N17 a8.0 C=1174 (1Camada)

P13

278

12 x 30

19 N1 c15

P14

327.6

12 x 30

16 N1 c15

P15

372.5

12 x 30

19 N1 c15

P16

389

12 x 30

18 N1 c15

P17

1146

2 N16 a8.0 C=1162 (1Camada)

72 N1 a5.0

ESC 150
24 2 N19 e8.0 C=343 (1Camada)
307
16
300
r A
V20 L A P20
300 e 0
12 x 30
20 N1 g15
207
2 N18 e8.0 C=323 (1Camada)
16
20 N1 e8.0 C=72

SEÇÃO A-A
ESC 125
16
2 N15 e8.0 C=304 (1Camada)
276
300
r A
P21 L A P22
218
12 x 30
18 N1 g15
276
2 N52 e10.0 C=295 (1Camada)
16
18 N1 e8.0 C=72

ESC 150
24 2 N19 e8.0 C=343 (1Camada)
307
16
300
r A
V20 L A P20
300 e 0
12 x 30
20 N1 g15
207
2 N18 e8.0 C=323 (1Camada)
16
20 N1 e8.0 C=72

SEÇÃO A-A
ESC 125
16
2 N15 e8.0 C=304 (1Camada)
276
300
r A
P21 L A P22
218
12 x 30
18 N1 g15
276
2 N52 e10.0 C=295 (1Camada)
16
18 N1 e8.0 C=72

ESC 1.50

SEÇÃO A-A

ESC 1.25

2 N15 a8.0 C=304 (1Camada)

276

16

r A

350

P21 L A P22

+2.2

255

12 x 30

+2.0

18 N1 g15

24

12

2 N52 a10.0 C=295 (1Camada)

276

18 N1 a5.0 C=72

The diagram shows a technical drawing of a rectangular plate. The top view is a rectangle with overall dimensions of 276 units by 350 units. It features rounded corners with a radius 'r'. Two horizontal sections are indicated: a top section labeled '2 N15 a8.0 C=304 (1Camada)' with a thickness of 16 units, and a bottom section labeled '2 N52 a10.0 C=295 (1Camada)' with a thickness of 24 units. A central vertical section is labeled 'L A' between points 'P21' and 'P22'. This section has a width of 12 units and a height of 30 units, with a total height of 255 units for the central part. Additional dimensions include a distance of 18 units from the left edge to the start of the central section, and a distance of 72 units from the right edge to the end of the central section. A cross-section label 'SEÇÃO A-A' and its corresponding scale 'ESC 1.25' are shown at the top right.

Technical drawing of a bridge structure, showing a plan view and a cross-section.

Plan View (Top):

- Overall width: 29m
- Span lengths: 12 x 35, 12 x 35, 10 x 35
- Supports: 15 N7 e5.0 C=157 (left), 15 N7 e5.0 C=157 (right)
- Dimensions: 130, 130, 250, 250, 10
- Labels: 1 N63 e12.5 C=229 (2Camada), 2 N64 e12.5 C=582 (1Camada), 2 N20 e8.0 C=267 (1Camada)

Cross-Section (Right):

- Width: 29m
- Height: 34m
- Labels: SEÇÃO A-A, SUSPENSÃO V25, ESC 1:25

The image displays three technical drawings of bridge sections, labeled ESC 1:50, SEÇÃO A-A ESC 1:25, and ESC 1:50. Each drawing shows the cross-section of a bridge with dimensions and labels for reinforcement bars.

ESC 1:50: Shows a cross-section of a bridge with a width of 6m. The top reinforcement consists of 2 N23 e8.0 C=334 (1Cameda). The bottom reinforcement consists of 2 N22 e8.0 C=322 (1Cameda). The total width of the reinforcement is 306. The height of the bridge is 10. The reinforcement bars are labeled P25, A, and P28.

SEÇÃO A-A ESC 1:25: Shows a cross-section of a bridge with a width of 6m. The top reinforcement consists of 2 N15 e8.0 C=304 (1Cameda). The bottom reinforcement consists of 2 N22 e8.0 C=295 (1Cameda). The total width of the reinforcement is 276. The height of the bridge is 10. The reinforcement bars are labeled P27, A, and P28.

ESC 1:50: Shows a cross-section of a bridge with a width of 6m. The top reinforcement consists of 2 N15 e8.0 C=304 (1Cameda). The bottom reinforcement consists of 2 N14 e8.0 C=292 (1Cameda). The total width of the reinforcement is 276. The height of the bridge is 10. The reinforcement bars are labeled P31, A, and P28.

The figure displays four schematic diagrams of experimental setups, each representing a different ESC (Experimental Setup Configuration) and its associated dimensions and components.

- ESC 150 (Top Left):** Shows a rectangular setup with dimensions 16 (width) and 10 (height). It includes a central channel of width 276 and a side channel of width 350. The setup is labeled with "2 N15 a8.0 C=304" (1Camada) and "2 N22 a8.0 C=295" (1Camada). The setup is also labeled with "2 N15 a8.0 C=304" (1Camada) and "2 N22 a8.0 C=295" (1Camada).
- ESC 125 (Top Right):** Shows a rectangular setup with dimensions 16 (width) and 10 (height). It includes a central channel of width 276 and a side channel of width 350. The setup is labeled with "2 N15 a8.0 C=304" (1Camada) and "2 N22 a8.0 C=295" (1Camada). The setup is also labeled with "2 N15 a8.0 C=304" (1Camada) and "2 N22 a8.0 C=295" (1Camada).
- ESC 150 (Bottom Left):** Shows a rectangular setup with dimensions 16 (width) and 10 (height). It includes a central channel of width 276 and a side channel of width 350. The setup is labeled with "2 N15 a8.0 C=304" (1Camada) and "2 N22 a8.0 C=295" (1Camada). The setup is also labeled with "2 N15 a8.0 C=304" (1Camada) and "2 N22 a8.0 C=295" (1Camada).
- ESC 150 (Bottom Right):** Shows a rectangular setup with dimensions 16 (width) and 10 (height). It includes a central channel of width 276 and a side channel of width 350. The setup is labeled with "2 N15 a8.0 C=304" (1Camada) and "2 N22 a8.0 C=295" (1Camada). The setup is also labeled with "2 N15 a8.0 C=304" (1Camada) and "2 N22 a8.0 C=295" (1Camada).

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ESC 1:50

2 N24 ± 0.0 C=112 (1Camada)

10 95

(1Camada) 2 N65 ± 12.5 C=485

455 29

2 N25 ± 0.0 C=313

350

P29 1 A V34 P33 P30

12 x 35 380 12 x 35

33 NB ± 17 14 NB ± 18

50 29

6

47 NB ± 5.0 C=82

SEÇÃO A-A
ESC 1:25

24 2 N26 ± 0.0 C=306

350

P34 1 A

12 x 30 12 x 30

12 N1 ± 15

10 2 N22 ± 0.0 C=306

308

ESC 1:25

2 N20 $\sigma_{\text{B}} 0$ C=350 (1Camada)

350

300

24

10

12 x 30

12 x 30

12 N1 $\sigma_{\text{B}} 15$

2 N22 $\sigma_{\text{B}} 0$ C=322 (1Camada)

306

24

6

12 N1 $\sigma_{\text{B}} 0$ C=72

SEÇÃO A-A

ESC 1:25

ESC 150

16

2 N28 ø8.0 C=874 (1 Camada)

350

P36

25 N1 g/15

12 x 30

P37

12 x 30

P38

12 x 30

P39

12 x 30

P40

10

2 N27 ø8.0 C=862 (1 Camada)

SEÇÃO A-A

ESC 125

350

P41

12 x 30

20 N1 g/15

24

53 N1 ø6.0 C=72

ESC 1.50

2 N15 øS.0 C=304 (1Camaada)

16 276 16

12 x 30

18 N1 ø15

10 276 10

2 N14 øS.0 C=292 (1Camaada)

SEÇÃO A-A

ESC 1.25

2 N68 ø12.5 C=1200 (1Camaada)

350 200 350

12 x 30

20 N1 ø15

27 N1 ø15

Technical drawing of a bridge deck cross-section (E.C. 1-50) showing a 20m wide deck with a central 12m lane and two 4m sidewalks. The drawing includes reinforcement details for the deck, including top and bottom bars, and a longitudinal section view showing the deck profile and reinforcement layout. Key dimensions include a total width of 20m, a central lane width of 12m, and a sidewalk width of 4m. Reinforcement bars are specified as 27 N1 ø15 and 24 N1 ø15. A longitudinal section view shows the deck profile with a 350mm height and a 12m width. The drawing is labeled 'E.C. 1-50' and '20 N1 ø15'.

ESC 1:50

(1Camada) 2 N13 a8.0: C=308

294

16

SECÃO A-A

ESC 1:25

350

1 A

P59

P60

20

12 x 30

16 N11 ø15

24

6

2 N12 a8.0: C=294 (1Camada)

16 N11 a8.0: C=72

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ESC 150

2 N35 e8.0 C=186 (1Camada)

SECAO A.A.

ESC 125

16

2 N39 e8.0 C=1198 (1Camada)

1184

3 N37 e8.0 C=546 (2a2Ca)

2 N36 e8.0 C=220 (2Camada)

80

24

6

9 N1 e5.0 C=72

2 N35 e8.0 C=186 (1Camada)

9 N1 e5.0 C=72

350

ESC 150

16

2 N39 a8.0 C=1198 (1Camada) 1184

(1Camada) 2 N40 a8.0 C=1198 160

60

3 N38 a8.0 C=325 (2a2Camada+) 134

134

3 N37 a8.0 C=546 (2a2Camada+1a3Camada) 130

2 N36 a8.0 C=220 (2Camada) 350

60

350

f A

Exon

Intron

ESC 150
 24 2 N42 a5.0 C=204 (1Camada)
 20
 350 r A
 V16 P45
 140
 12 x 30
 9 N1 q15
 10 164
 2 N41 a8.0 C=172 (1Camada)
 9 N1 a5.0 C=72

SEÇÃO A-A
ESC 125
 24 2 N77 a12.5 C=426 (1Camada)
 20
 350 r A
 P45 P37 V11
 30 30 30
 12 x 30 12 x 30 12 x 30
 11 N1 q15 13 N1 q15
 10 1 N57 a10.0 C=255 (2Camada+1e3Camada)
 24 N1 a5.0 C=72

ESC 150
 34 2
 1 N78 a1
 350
 12 x 40
 1 N6 a5.0 C=153
 76
 10 2

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Technical drawing of a bridge section A-A, showing the plan view and cross-sections. The plan view shows a bridge with a total length of 14m. The cross-sections show a 24m wide bridge with a 1.5m high parapet. The drawing includes dimensions for the bridge deck, parapet, and various structural elements.

Figure 1: Schematic representation of the 2N58 and 2N46 e8/O C=1200 (1Canada) and 2N47 e8/O C=1127 (1Canada) chromosome maps. The top map shows the 2N58 chromosome with markers P53, P40, P30, P24, and P17. The bottom map shows the 2N46 chromosome with markers P53, P40, P30, P24, and P17. The maps include scale bars for 100, 200, 300, and 400 kb, and a scale bar for 100 Mb. The maps are labeled with '2N58 e8/O C=1200 (1Canada)' and '2N46 e8/O C=1127 (1Canada)'.

Figure 1: Schematic representation of the 2N60 and 2N48 a10.0 C=1165 (t(Canada)) genomic regions. The top panel shows the 2N60 region with a scale bar from 0 to 24 Mb. It includes a yellow line representing the genomic track with various markers (P96, P46, P31, P27, P21, P18) and a blue line representing the 2N60 a10.0 C=1165 (t(Canada)) track. The bottom panel shows the 2N48 region with a scale bar from 0 to 10 Mb. It includes a yellow line representing the genomic track with various markers (P96, P46, P31, P27, P21, P18) and a blue line representing the 2N48 a10.0 C=1165 (t(Canada)) track. The tracks are labeled with their respective coordinates and names.

Technical drawing of a reinforced concrete beam cross-section and longitudinal section.

Cross-section (SEÇÃO A-A):

- Width: 318 mm
- Height: 240 mm
- Reinforcement: 2 N61 top bars, 2 N61 bottom bars, 2 N49 bottom bars.
- Scale: ESC 1:25

Longitudinal section:

- Top reinforcement: 2 N61 ± 0.0 C=328 (1Cada)
- Bottom reinforcement: 2 N49 ± 0.0 C=259 (1Cada)
- Dimensions and segments: 65, 12, 108.5, 12 x 30, 11 N1 ± 15 , 149.5, 12 x 30, 10 N1 ± 15 , 237, 16 N1 ± 15 .

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