

- XIX** – Pouso Alto;
- XX** – Prainha;
- XXI** – Santa Bárbara;
- XXII** – Santa Fé;
- XXIII** – Santa Mônica;
- XXIV** – Santo Agostinho;
- XXV** – Santo Andrezinho;
- XXVI** – São Miguel;
- XXVII** – Vila Barbosa;
- XXVIII** – Vila Izabel;
- XXIX** – Vila Nova;
- XXX** – Vista do Rio;
- XXXI** – Vista Linda; e
- XXXII** – Volta Redonda.

**Art. 4º** Os limites territoriais dos bairros relacionados no art. 3º estão representados no Mapa Geral dos Bairros, constante do Anexo I, e definidos pelos mapas individuais dos bairros do município constantes do Anexo II desta Lei.

**Art. 5º** Os órgãos e as entidades da Administração Pública Municipal deverão promover a atualização de seus mapas, sistemas, cadastros e documentos, observadas as denominações e delimitações estabelecidas nesta Lei.

**Parágrafo único.** A atualização dos cadastros municipais será realizada de forma gradual, observadas a capacidade técnica e operacional dos órgãos responsáveis.

**Art. 6º** O Poder Executivo poderá disponibilizar os mapas e os dados cartográficos no sítio eletrônico oficial do Município e encaminhá-los aos órgãos, às entidades e às prestadoras de serviços que utilizem os bairros como referência territorial ou de endereçamento.

**Art. 7º** O Poder Executivo poderá regulamentar esta Lei no que for necessário à sua execução.

**Art. 8º** Revogam-se as disposições em contrário.

**Art. 9º** Esta Lei entra em vigor na data de sua publicação.

Castelo/ES, 15 de setembro de 2026.

JOAO PAULO  
SILVA  
NALI:10223569763

Assinado digitalmente  
por JOAO PAULO SILVA  
NALI:10223569763  
Data: 2026.09.16  
07:28:16 -0300

**JOÃO PAULO SILVA NALI**  
**Prefeito de Castelo – ES**



## ANEXO I – LEI Nº 4.641, DE 15 DE SETEMBRO DE 2026.

### Mapa Geral dos Bairros



**MUNICÍPIO DE CASTELO**  
**MAPA DE BAIRROS**

Projeção Universal Transversa Mercator  
Datum: SIRGAS 2000, Fuso 24 K  
Fonte: Imagem de Fundo: Google Maps 2025  
Autor: Tiago Bolchini Azeu



0 500 1.000 m

Castelo/ES, 15 de setembro de 2026

JOAO PAULO  
SILVA

NAL1:10223569763

Assinado digitalmente  
por JOAO PAULO SILVA  
NAL1:10223569763

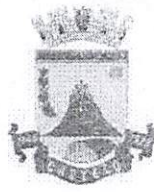
Data: 2026.09.16  
07:28:25 -0300

**JOÃO PAULO SILVA NALI**

**Prefeito de Castelo – ES**

Prefeitura Municipal de Castelo

Av. Nossa Senhora da Penha, 103 - Centro | Cep: 29360-000 - Castelo/ES | Tel.: +55 28 3542-2124 | 8526



## ANEXO II – LEI Nº 4.641, DE 15 DE SETEMBRO DE 2026.

### Mapas individuais dos bairros do município

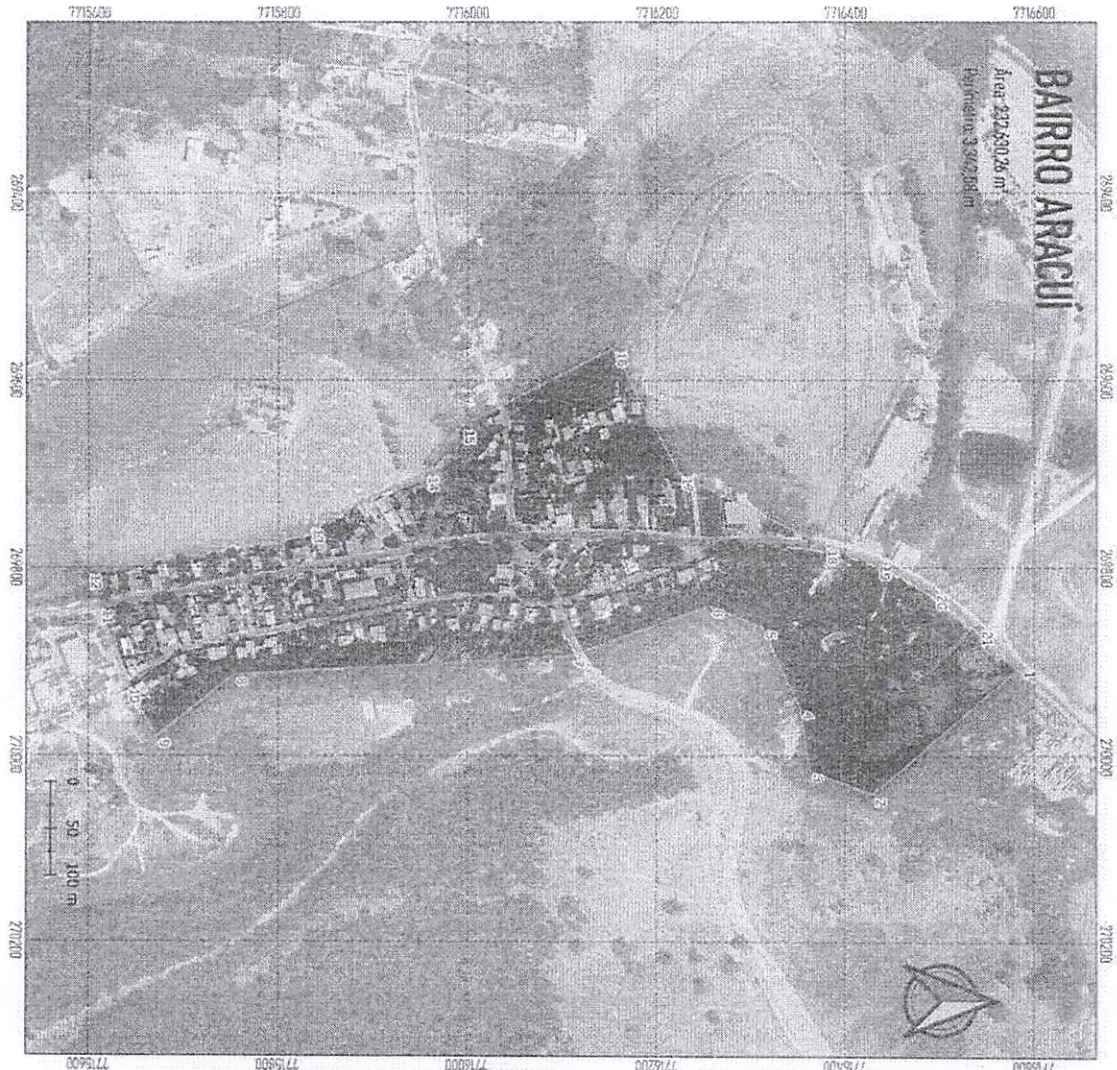


TABELA DE ALINHAMENTOS

| Alinhamento | Azimute (GNS) | Distância (m) | Coordenada N | Coordenada E |
|-------------|---------------|---------------|--------------|--------------|
| 1-2         | 138°57'02,25" | 208,534       | 7716588,224  | 269904,394   |
| 2-3         | 201°12'38,84" | 71,617        | 7716420,906  | 270041,431   |
| 3-4         | 261°32'03,87" | 67,599        | 7716362,320  | 270015,403   |
| 4-5         | 244°44'50,97" | 94,273        | 7716352,370  | 269948,541   |
| 5-6         | 207°16'08,73" | 60,538        | 7716312,152  | 269863,277   |
| 6-7         | 160°15'11,49" | 156,781       | 7716256,130  | 269640,135   |
| 7-8         | 176°44'37,83" | 356,030       | 7716108,568  | 269693,306   |
| 8-9         | 140°59'11,20" | 105,338       | 7715753,114  | 269913,528   |
| 9-10        | 240°03'34,37" | 62,732        | 7715671,266  | 269979,839   |
| 10-11       | 251°18'25,85" | 88,986        | 7715640,052  | 269925,425   |
| 11-12       | 251°18'25,85" | 39,492        | 7715611,533  | 269941,133   |
| 12-13       | 348°13'13,83" | 239,513       | 7715598,876  | 269603,725   |
| 13-14       | 335°39'09,30" | 134,258       | 7715583,369  | 269754,886   |
| 14-15       | 307°05'30,51" | 65,054        | 7715593,686  | 269699,497   |
| 15-16       | 332°21'54,85" | 190,874       | 7715593,713  | 269649,202   |
| 16-17       | 62°32'47,70"  | 151,665       | 7716153,954  | 269555,306   |
| 17-18       | 26°34'25,56"  | 171,794       | 7716223,075  | 269699,891   |
| 18-19       | 16°40'01,51"  | 58,244        | 7716377,521  | 269776,743   |
| 19-20       | 27°11'46,51"  | 67,436        | 7716413,318  | 269797,448   |
| 20-21       | 38°15'19,43"  | 62,000        | 7716493,288  | 269824,269   |
| 21-1        | 43°19'54,15"  | 60,820        | 7716411,985  | 269862,658   |

Atos: Euphrosina Alves  
Bairro: Aracui, Bairro: Aracui  
Eduardo: 2001, 2001, 2001, 2001  
Povo: de: Aracui, 2001, 2001, 2001, 2001



TABELA DE ALINHAMENTOS

| Alinhamento | Ângulo (GHS)  | Diferença (m) | Coordenada N | Coordenada E |
|-------------|---------------|---------------|--------------|--------------|
| 1-2         | 57°29'40,80"  | 72,015        | 7720524,031  | 270245,751   |
| 2-3         | 82°47'11,05"  | 77,526        | 7720562,749  | 270406,473   |
| 3-4         | 97°36'23,97"  | 73,542        | 7720572,483  | 270483,385   |
| 4-5         | 109°31'21,69" | 50,263        | 7720562,749  | 270556,280   |
| 5-6         | 147°03'07,48" | 11,751        | 7720545,952  | 270603,653   |
| 6-7         | 163°18'38,67" | 60,443        | 7720536,091  | 270610,045   |
| 7-8         | 178°36'51,53" | 300,594       | 7720478,194  | 270627,403   |
| 8-9         | 281°04'29,15" | 170,740       | 7720172,598  | 270634,671   |
| 9-10        | 9°38'41,55"   | 142,269       | 772010,495   | 270467,111   |
| 10-11       | 285°17'51,90" | 135,332       | 7720350,746  | 270490,988   |
| 11-12       | 2°48'05,39"   | 99,721        | 7720387,507  | 270356,593   |
| 12-1        | 336°54'22,59" | 40,141        | 7720487,107  | 270361,496   |



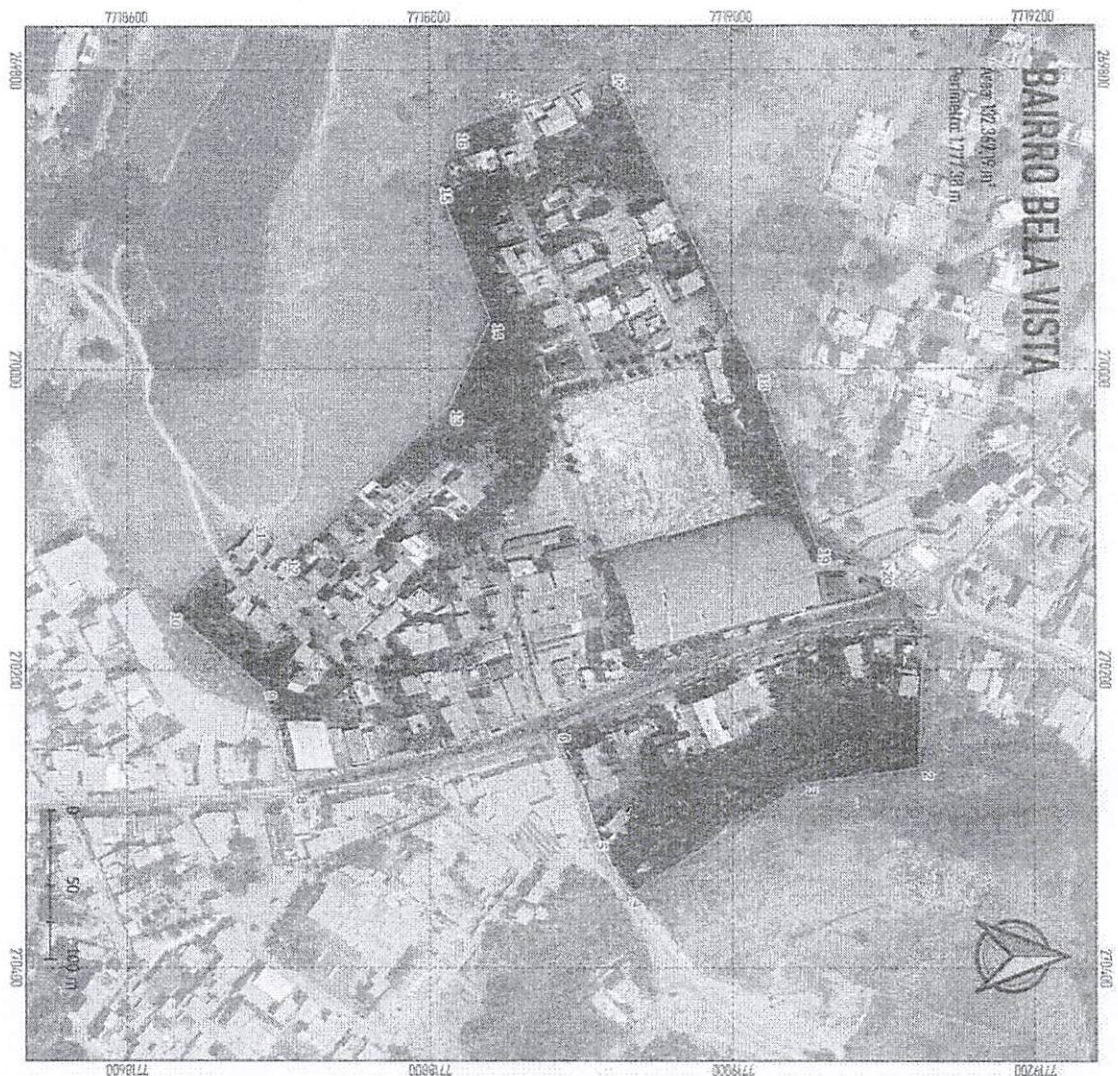


TABELA DE ALINHAMENTOS

| Alinhamento | Paralelo (GNS) | Distância (m) | Coordenada N | Coordenada E |
|-------------|----------------|---------------|--------------|--------------|
| 1-2         | 91°39'57,14"   | 107,832       | 7719127,032  | 2701354,478  |
| 2-3         | 172°08'32,71"  | 77,667        | 7719124,053  | 2701354,289  |
| 3-4         | 147°09'24,09"  | 138,366       | 7719047,116  | 270276,907   |
| 4-5         | 238°50'41,49"  | 45,019        | 7718930,657  | 270351,948   |
| 5-6         | 251°40'07,18"  | 76,668        | 7718907,575  | 270313,422   |
| 6-7         | 163°16'33,22"  | 93,384        | 7718883,462  | 270340,644   |
| 7-8         | 169°58'33,72"  | 85,573        | 7718794,028  | 270261,517   |
| 8-9         | 254°12'02,44"  | 73,293        | 7718709,763  | 270282,416   |
| 9-10        | 219°51'16,68"  | 81,779        | 7718669,607  | 270211,892   |
| 10-11       | 313°35'36,78"  | 81,319        | 7718627,028  | 270159,484   |
| 11-12       | 47°40'47,91"   | 31,798        | 7718683,097  | 270100,586   |
| 12-13       | 317°33'18,67"  | 146,637       | 7718704,506  | 270124,098   |
| 13-14       | 295°27'01,97"  | 63,325        | 7718812,713  | 270625,135   |
| 14-15       | 349°20'09,35"  | 96,911        | 7718840,141  | 269967,504   |
| 15-16       | 286°31'54,02"  | 38,058        | 7718805,942  | 269176,828   |
| 16-17       | 138°50'25,91"  | 110,610       | 7718816,711  | 269340,343   |
| 17-18       | 64°27'16,37"   | 222,962       | 7718919,924  | 269800,417   |
| 18-19       | 70°56'05,08"   | 122,035       | 7719016,071  | 270001,582   |
| 19-20       | 191°19'14,36"  | 44,289        | 7719055,433  | 270116,923   |
| 20-1        | 42°33'08,37"   | 39,779        | 7719097,228  | 270131,576   |

Alinhamento: Topo: Bela Vista  
Projeto: Diretoria: Terras e Meio Ambiente  
Data: Setembro 2020 | Folia 24 x  
Folha de 24 de 24



TABELA DE ALINHAMENTOS

| Alinhamento | Azimute (GHS) | Distância (m) | Coordenada N | Coordenada E |
|-------------|---------------|---------------|--------------|--------------|
| 1-2         | 102°27'10,43" | 245,429       | 7720466,077  | 269875,920   |
| 2-3         | 187°20'00,42" | 198,723       | 7720413,143  | 270115,573   |
| 3-4         | 188°21'59,11" | 182,324       | 7720210,046  | 270030,207   |
| 4-5         | 298°27'24,78" | 149,248       | 7720035,663  | 270063,678   |
| 5-6         | 298°41'12,18" | 93,579        | 7720106,779  | 269922,462   |
| 6-7         | 339°07'35,17" | 17,852        | 7720151,701  | 269950,371   |
| 7-8         | 357°29'46,50" | 35,491        | 7720168,381  | 269884,010   |
| 8-1         | 7°16'16,73"   | 264,366       | 7720203,838  | 269842,460   |

Arq: Tugé Ezequiel Azeite  
Projeto: Bairro Caparaó - Município  
Data: 08/05/2001 Versão: 2.0  
Plano de Alinhamento - Bairro Caparaó





TABELA DE ALINHAMENTOS

| Alinhamento | Azimute (GNS) | Distância (m) | Coordenada N | Coordenada E |
|-------------|---------------|---------------|--------------|--------------|
| 1-2         | 98°47'29,79"  | 162,322       | 7717593,077  | 270511,029   |
| 2-3         | 195°32'22,96" | 55,313        | 7717566,267  | 270671,444   |
| 3-4         | 207°32'25,19" | 86,341        | 7717514,957  | 270656,619   |
| 4-5         | 181°26'01,51" | 147,103       | 7717436,458  | 270616,586   |
| 5-6         | 194°26'21,87" | 152,943       | 7717291,141  | 270612,593   |
| 6-7         | 179°46'57,27" | 133,339       | 7717143,326  | 270574,791   |
| 7-8         | 212°32'20,92" | 101,689       | 7717099,988  | 270575,297   |
| 8-9         | 168°35'14,04" | 107,511       | 7716924,264  | 270520,597   |
| 9-10        | 227°57'09,62" | 80,752        | 7716817,959  | 270504,544   |
| 10-11       | 171°01'37,07" | 103,982       | 7716764,358  | 270445,113   |
| 11-12       | 269°41'52,97" | 60,098        | 7716661,648  | 270461,331   |
| 12-13       | 311°39'46,14" | 197,812       | 7716660,269  | 270400,649   |
| 13-14       | 268°31'31,56" | 34,580        | 7716791,759  | 270252,865   |
| 14-15       | 243°24'31,60" | 66,780        | 7716801,015  | 270219,548   |
| 15-16       | 219°30'02,35" | 57,611        | 7716771,123  | 270159,831   |
| 16-17       | 195°21'34,19" | 308,659       | 7716726,669  | 270123,185   |
| 17-18       | 318°55'02,25" | 208,534       | 7716729,040  | 270091,431   |
| 18-19       | 43°19'54,15"  | 126,400       | 7716586,224  | 269904,394   |
| 19-20       | 42°46'45,40"  | 205,656       | 7716678,167  | 269991,132   |
| 20-21       | 33°22'27,65"  | 90,060        | 7716974,114  | 270130,809   |
| 21-1        | 25°38'45,95"  | 764,023       | 7716904,322  | 270180,351   |

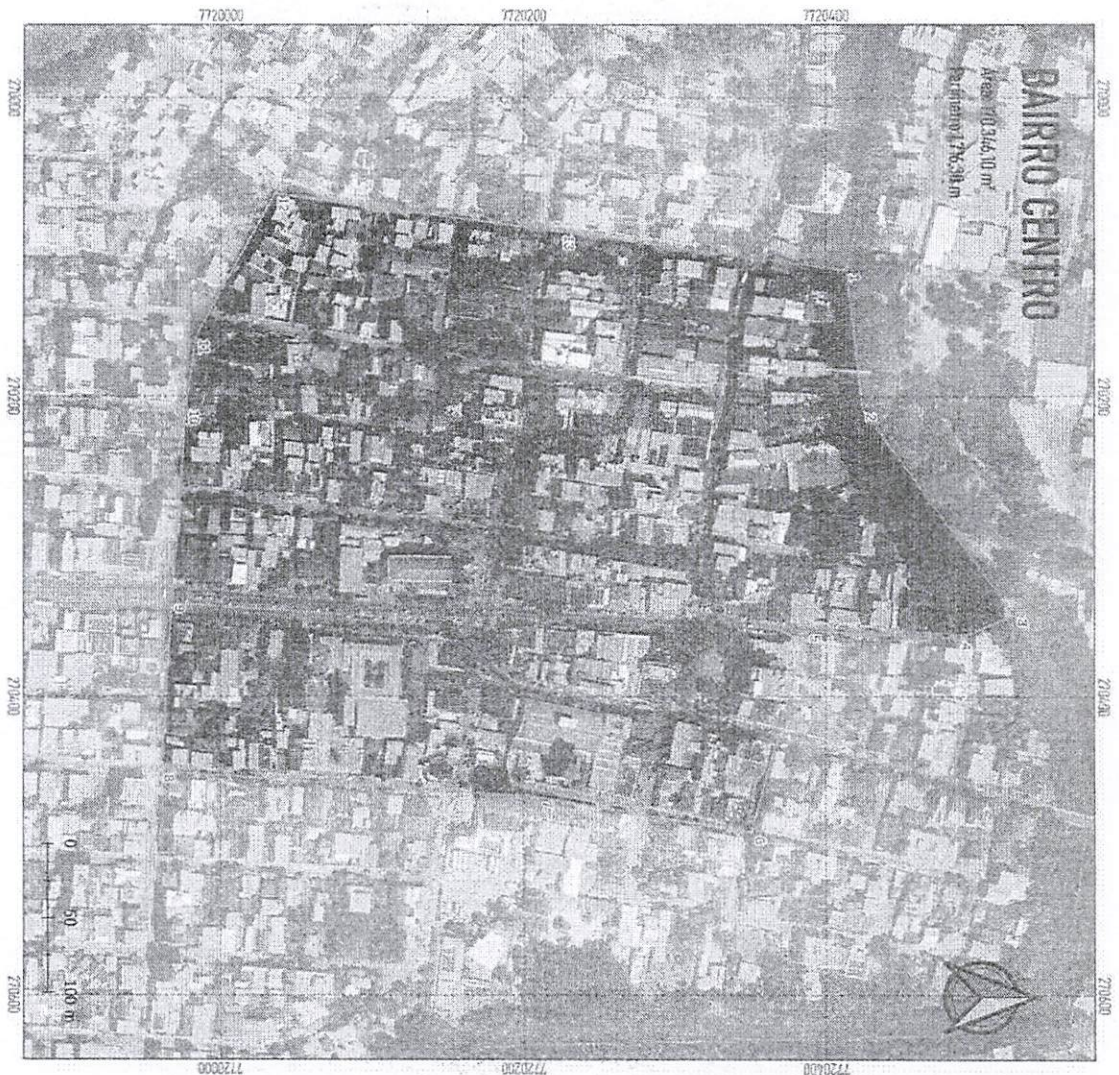
Projeto: Engenharia de Recursos Humanos  
Delineamento: SRSAS 2001, Versão 3.0  
Ponto de partida: Geoplot, Versão 2.0.2



TABELA DE ALIMENTAMENTOS

| Alimento | Atividade (mJ) | Calorificia (mJ) | Concentração |
|----------|----------------|------------------|--------------|
| 1-2      | 115/93/23,19*  | 289,143          | 71/95/7,167  |
| 2-3      | 96/90/33,88*   | 132,028          | 271/205,650  |
| 3-4      | 104/90/30,02*  | 70,795           | 271/655,666  |
| 4-5      | 104/90/32,12*  | 181,476          | 271/136,777  |
| 5-6      | 120/102/56,51* | 179,503          | 271/9369,404 |
| 6-7      | 130/94/210,93* | 214,568          | 271/612,262  |
| 7-8      | 26/90/48,82*   | 91,564           | 271/9323,247 |
| 8-9      | 260/40/29,41*  | 91,628           | 271/109,502  |
| 9-10     | 320/117/39,18* | 124,992          | 271/128,054  |
| 10-11    | 286/39/31,74*  | 31,093           | 271/1360,872 |
| 11-12    | 286/39/31,76*  | 63,782           | 271/9457,261 |
| 12-13    | 274/107/46,42* | 63,783           | 271/9417,261 |
| 13-14    | 280/121/39,40* | 71,422           | 270/958,339  |
| 14-15    | 149/37/34,57*  | 78,075           | 271/9501,250 |
| 15-1     | 40/115/6,18*   | 153,744          | 271/95/6,221 |
|          |                |                  | 270/844,664  |

Author: Tanya Bhatnagar Mehta  
Project: Universidad Transversa Mercator  
Location: SPB685 2100, Floor 2A K  
Financed by: Fundación Mercator 2025



| Altitude (m) | Latitude (°N)   | Longitude (°E) | Altitude (m) | Latitude (°N) | Longitude (°E) |
|--------------|-----------------|----------------|--------------|---------------|----------------|
| 1-2          | 83°16'35.08"    | 94°11.3        | 770434.3     | 27°15.573     |                |
| 2-3          | 53°49'14.04"    | 166.357        | 772049.4     | 104.068       | 27069.051      |
| 3-4          | 156°4'22.59"    | 90.161         | 772054.031   | 2205.15       | 75.751         |
| 4-5          | 182°49'05.39"   | 99.721         | 772064.7     | 107           | 27016.496      |
| 5-6          | 182°17'15.90"   | 135.332        | 772038.7     | 507           | 27055.959      |
| 6-7          | 189°19'41.55"   | 142.69         | 7720350.246  | 270450.568    |                |
| 7-8          | 184°30'51.12"   | 250.678        | 7720210.495  | 270649.1      |                |
| 8-9          | 273°39'06.66"   | 12.2957        | 771096.0     | 432           | 270649.553     |
| 9-10         | 27°41'34.45.41" | 130.415        | 771996.7     | 648           | 270336.837     |
| 10-11        | 28°27'35.53"    | 47.580         | 771697.7     | 266           | 270206.767     |
| 11-12        | 29°27'24.78"    | 100.136        | 771980.3     | 664           | 27055.619      |
| 12-13        | 7°49'39.34"     | 190.516        | 7720035.663  | 270063.678    |                |
| 13-1         | 7°49'39.84"     | 150.516        | 772022.4     | 403           | 270089.655     |





TABELA DE ALINHAMENTOS

| Alinhamento | Área (m²)   | Distância (m) | Coordenada N | Coordenada E |
|-------------|-------------|---------------|--------------|--------------|
| 1-2         | 71.460,07   | 20,666        | 7718503,462  | 27026,694    |
| 2-3         | 38.504,43   | 43,019        | 7718503,575  | 27031,942    |
| 3-4         | 106.5912,62 | 77,113        | 7718503,697  | 27036,988    |
| 4-5         | 110.384,85  | 64,492        | 7718504,415  | 27040,559    |
| 5-6         | 131.023,56  | 57,735        | 7718504,654  | 27043,625    |
| 6-7         | 137.5003,54 | 147,482       | 7718504,757  | 27057,186    |
| 7-8         | 120.2600,54 | 119,383       | 7718504,476  | 27063,716    |
| 8-9         | 168.4819,00 | 116,181       | 7718501,698  | 27075,895    |
| 9-10        | 182.2349,02 | 89,488        | 7718507,727  | 27078,412    |
| 10-11       | 155.3120,60 | 64,431        | 7718418,508  | 27074,669    |
| 11-12       | 203.3079,00 | 180,203       | 7718501,200  | 27068,410    |
| 12-13       | 244.1642,13 | 163,061       | 7718501,068  | 27057,571    |
| 13-14       | 202.2819,00 | 39,936        | 7718430,300  | 27040,664    |
| 14-15       | 233.3231,32 | 76,506        | 7718393,406  | 27035,407    |
| 15-16       | 245.1300,56 | 149,833       | 7718347,944  | 27033,873    |
| 16-17       | 266.0647,38 | 23,283        | 7718255,136  | 27018,840    |
| 17-18       | 340.0544,52 | 156,135       | 7718255,384  | 27016,973    |
| 18-19       | 117.4631,90 | 54,760        | 7718442,192  | 27013,777    |
| 19-20       | 320.9928,34 | 70,862        | 7718441,323  | 27010,540    |
| 20-21       | 43.2655,11  | 120,831       | 7718549,286  | 27005,937    |
| 21-22       | 39.0711,60  | 67,927        | 7718637,108  | 27010,033    |
| 22-23       | 241.202,44  | 71,933        | 7718689,802  | 27011,892    |
| 23-24       | 349.5873,72 | 85,573        | 7718709,753  | 27022,415    |
| 24-1        | 343.1633,22 | 93,384        | 7718794,028  | 27026,517    |

Fonte: Mapa Político do Brasil  
Projeto Gráfico: Prefeitura Municipal de Castelo  
Data: 2008, 10/03/2008  
Folha: 01/01



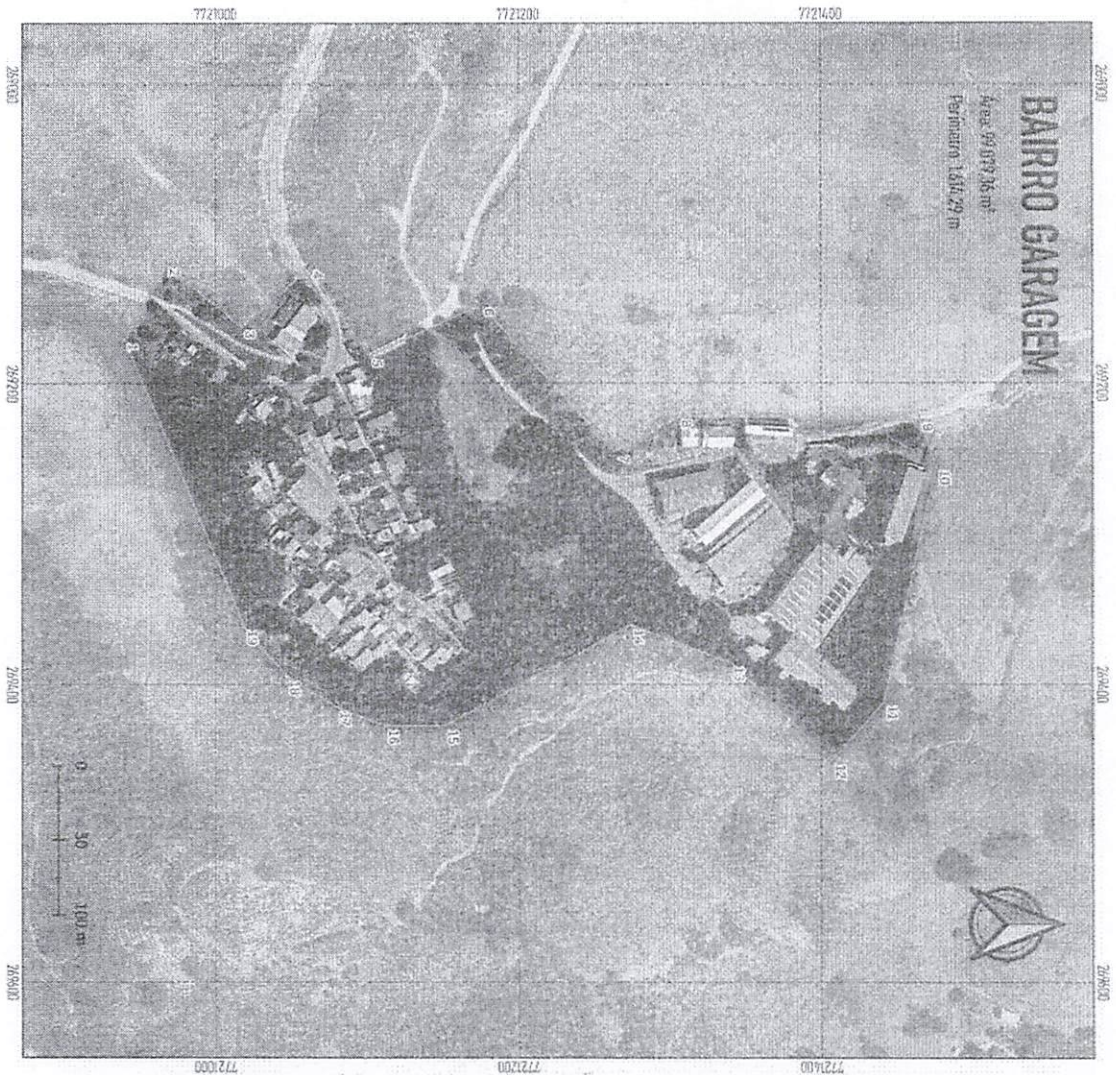
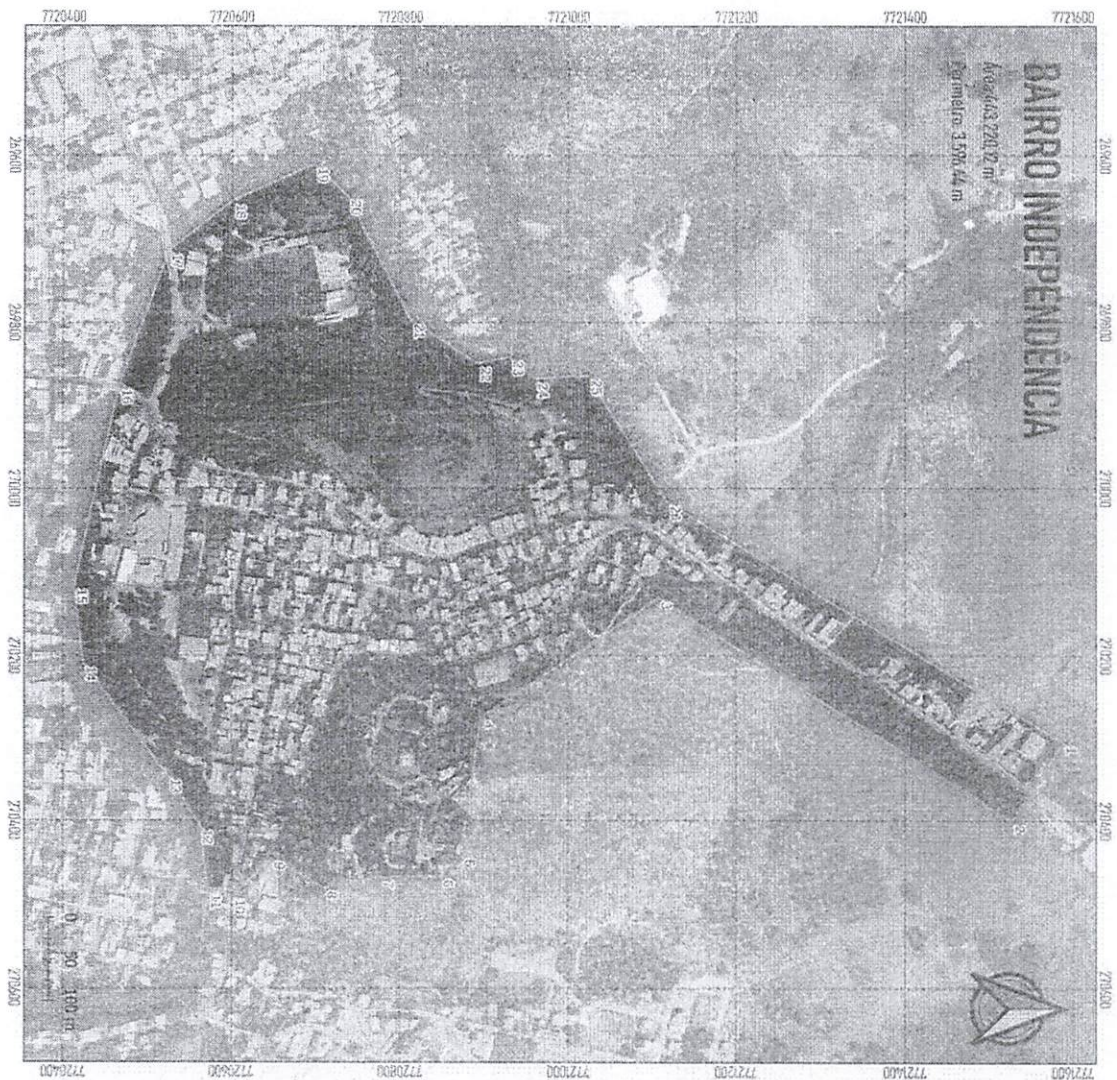
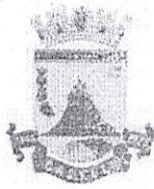


TABELA DE ALIMENTAÇÕES

| Alimentação | Área (m²)     | Distância (m) | Código de M. | Código de E. |
|-------------|---------------|---------------|--------------|--------------|
| 1-2         | 258°43'37,49" | 58,541        | 772035,956   | 769170,623   |
| 3-3         | 39°37'01,00"  | 64,923        | 772036,324   | 769120,091   |
| 3-4         | 318°34'34,80" | 89,638        | 7721017,336  | 769167,889   |
| 4-5         | 56°14'18,05"  | 70,928        | 7721062,055  | 769122,632   |
| 5-6         | 119°14'00,23" | 81,725        | 7721101,473  | 769181,596   |
| 6-7         | 48°01'33,84"  | 132,114       | 7721175,317  | 769147,529   |
| 7-8         | 330°36'55,34" | 48,334        | 7721263,701  | 769245,76    |
| 8-9         | 0°55'17,67"   | 159,308       | 7721305,617  | 769222,043   |
| 9-10        | 69°45'49,51"  | 32,588        | 7721465,104  | 769224,606   |
| 10-11       | 102°31'48,23" | 160,032       | 7721476,514  | 769255,557   |
| 11-12       | 131°01'12,11" | 52,366        | 7721441,795  | 769411,778   |
| 12-13       | 324°30'48,10" | 93,863        | 7721407,424  | 769451,286   |
| 13-14       | 200°36'20,76" | 70,893        | 7721340,492  | 769365,481   |
| 14-15       | 151°16'31,28" | 139,859       | 7721274,05   | 769360,5     |
| 15-16       | 180°00'00,00" | 39,664        | 7721151,401  | 769427,715   |
| 16-17       | 200°46'12,06" | 34,47         | 7721112,338  | 769427,715   |
| 17-18       | 212°16'14,36" | 39,226        | 7721080,105  | 769415,5     |
| 18-19       | 229°57'37,51" | 43,591        | 7721066,549  | 769384,537   |
| 19-1        | 247°29'36,01" | 206,249       | 7721013,907  | 769361,163   |

Ator: Hugo Bilton Aires  
Projeto: Urbanismo, Planejamento Municipal  
Data: Setembro 2001, Versão 2.0  
Fórmula de Cálculo: Soma de Áreas





| TABELA DE ALINHAMENTOS |               |              |              |
|------------------------|---------------|--------------|--------------|
| Alinhamento A (m)      | Distância (m) | Coordenada N | Coordenada E |
| 1-2                    | 122-40-30,96" | 112,916      | 270305,642   |
| 2-3                    | 212-40-30,96" | 112,916      | 270305,642   |
| 3-4                    | 145-34-20,64" | 167,640      | 270213,627   |
| 4-5                    | 98-02-01,57"  | 167,640      | 270213,627   |
| 5-6                    | 135-36-59,81" | 167,640      | 270213,627   |
| 6-7                    | 139-05-08,11" | 167,640      | 270213,627   |
| 7-8                    | 169-37-19,65" | 167,640      | 270213,627   |
| 8-9                    | 209-11-02,45" | 167,640      | 270213,627   |
| 9-10                   | 126-07-50,14" | 167,640      | 270213,627   |
| 10-11                  | 191-31-22,50" | 167,640      | 270213,627   |
| 11-12                  | 267-47-11,05" | 167,640      | 270213,627   |
| 12-13                  | 237-28-40,80" | 167,640      | 270213,627   |
| 13-14                  | 233-49-14,04" | 167,640      | 270213,627   |
| 14-15                  | 263-20-25,85" | 167,640      | 270213,627   |
| 15-16                  | 263-27-19,43" | 167,640      | 270213,627   |
| 16-17                  | 350-07-22,85" | 167,640      | 270213,627   |
| 17-18                  | 322-00-51,25" | 167,640      | 270213,627   |
| 18-19                  | 345-32-10,93" | 167,640      | 270213,627   |
| 19-20                  | 44-22-18,17"  | 167,640      | 270213,627   |
| 20-21                  | 63-02-18,94"  | 167,640      | 270213,627   |
| 21-22                  | 33-35-39,01"  | 167,640      | 270213,627   |
| 22-23                  | 348-55-04,65" | 167,640      | 270213,627   |
| 23-24                  | 41-36-37,17"  | 167,640      | 270213,627   |
| 24-25                  | 356-45-03,59" | 167,640      | 270213,627   |
| 25-26                  | 59-01-59,86"  | 167,640      | 270213,627   |
| 26-1                   | 31-36-26,65"  | 167,640      | 270213,627   |

Projeto: Implantação de Alinhamentos  
Data: Setembro/2011  
Escala: 1:500  
Feito por: Engenheiro(a) Responsável

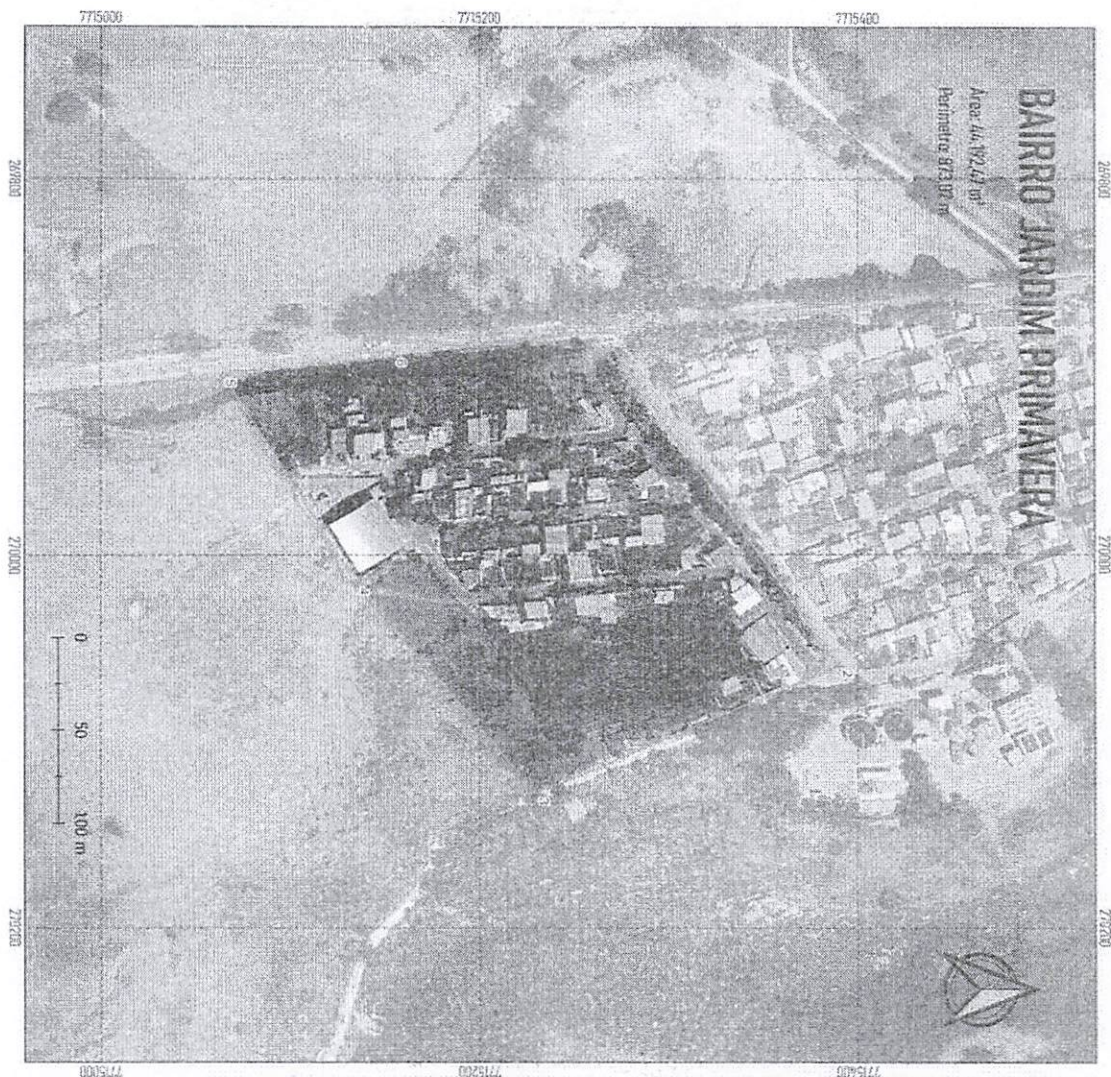


TABELA DE ALINHAMENTOS

| Alinhamento | LatITUDE (GMS) | Distância (m) | Coordenada N | Coordenada E |
|-------------|----------------|---------------|--------------|--------------|
| 1-2         | 54°45'09,07"   | 218,723       | 7715264,233  | 269881,135   |
| 2-3         | 156°51,67,43"  | 174,802       | 7715290,461  | 270059,758   |
| 3-4         | 230°06'49,47"  | 147,466       | 7715229,718  | 270128,443   |
| 4-5         | 23°28'39,54"   | 131,272       | 7715135,153  | 270015,289   |
| 5-6         | 353°08'00,97"  | 90,826        | 7715064,577  | 269904,603   |
| 6-1         | 353°25'47,03"  | 110,204       | 7715154,752  | 269893,744   |

Atenc: Dnº João Batista Alves  
Projeto Bairro Jardim Primavera  
Bairro: Jardim Primavera, Fone: 24.4  
Plano de Trabalho: 2004, Fone: 24.4





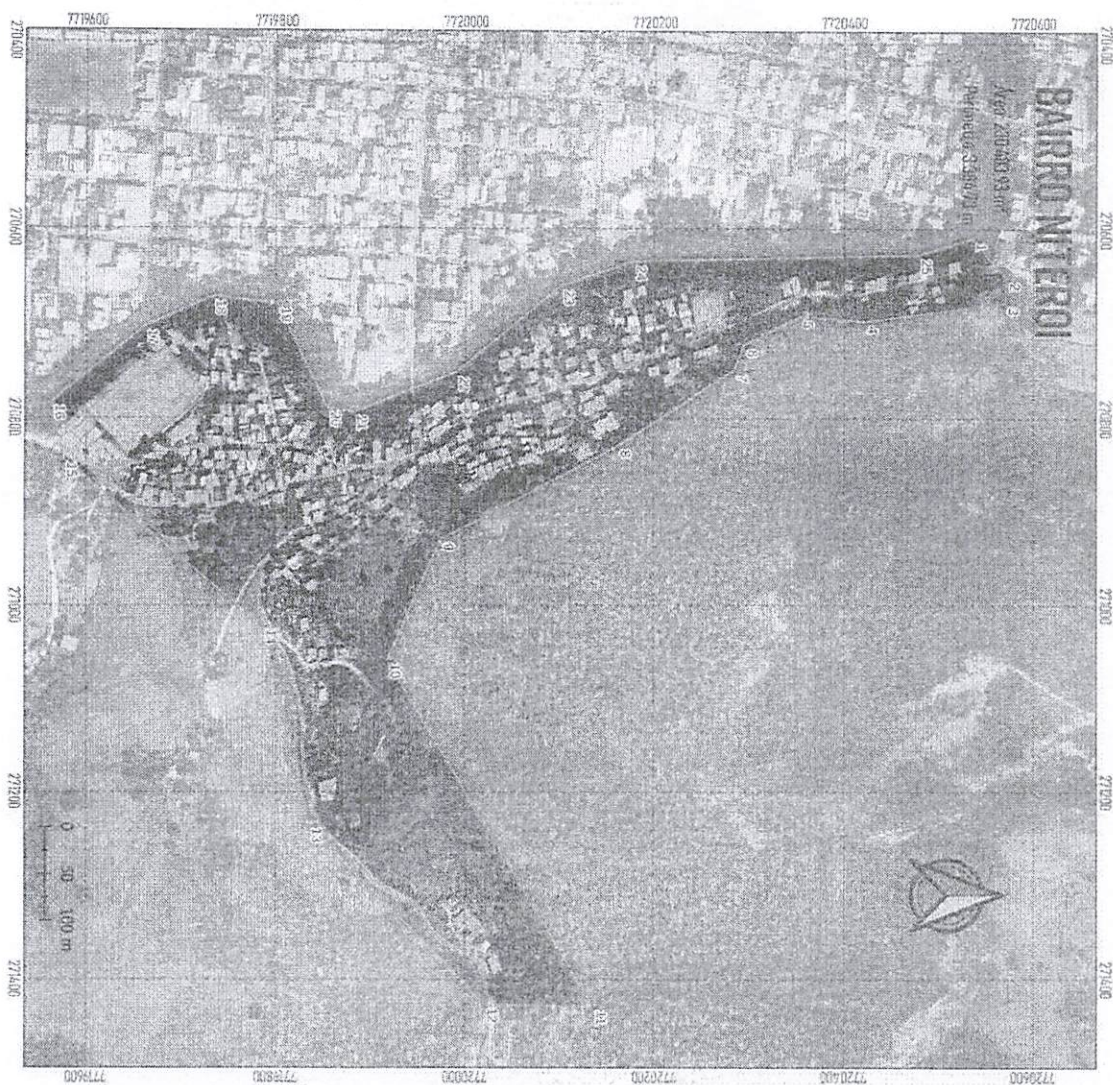


TABELA DE ALINHAMENTOS

| Alinhamento | Área (m²)   | Distância (m) | Coordenada N | Coordenada E |
|-------------|-------------|---------------|--------------|--------------|
| 1-2         | 62.207,36   | 319,422       | 7718606,757  | 270827,188   |
| 2-3         | 142.515,43  | 389,724       | 7718954,213  | 270810,736   |
| 3-4         | 124.470,46  | 217,202       | 7718643,523  | 27085,614    |
| 4-5         | 214.102,95  | 187,769       | 7718427,140  | 27085,588    |
| 5-6         | 244.220,73  | 265,826       | 7718271,791  | 27080,099    |
| 6-7         | 138.959,76  | 96,515        | 7718157,146  | 27071,152    |
| 7-8         | 312.327,83  | 131,601       | 7718247,253  | 27066,564    |
| 8-9         | 285.379,97  | 212,065       | 7718238,259  | 27069,627    |
| 9-10        | 22.3819,80  | 33,526        | 7718393,406  | 27039,407    |
| 10-11       | 64.1642,13  | 163,061       | 7718420,300  | 27040,668    |
| 11-12       | 123.3029,00 | 180,593       | 7718501,008  | 27054,751    |
| 12-13       | 75.3170,96  | 66,431        | 7718401,200  | 27059,410    |
| 13-14       | 223.49,02   | 89,488        | 7718418,308  | 27076,660    |
| 14-15       | 348.4819,60 | 116,181       | 7718507,727  | 27076,412    |
| 15-16       | 306.2600,65 | 130,383       | 7718621,658  | 27075,556    |
| 16-1        | 313.5002,54 | 147,882       | 7718704,426  | 27063,716    |

Ator: Hugo Batista Azou  
Projeto Urbanístico: Transversal Maravilha  
Escala: 1:5000, 200, 1:5000, 1:5000  
Plano de Trabalho: 2025





|       | Aluminum (Al)    | Chromium (Cr) | Copper (Cu)     | Exceedance    | Concentration |
|-------|------------------|---------------|-----------------|---------------|---------------|
| 1-2   | 49,311.55, 0.7   | 55,045        | 77,025.36, 0.88 | 2,206,120.041 |               |
| 3-4   | 92,301.11, 0.57  | 25,988        | 77,025.71, 1.16 | 2,705,571.816 |               |
| 5-6   | 17,272.23, 0.35  | 1,507,077     | 77,025.0, 1.30  | 2,705,777.054 |               |
| 7-8   | 18,938.46, 0.78  | 66,938        | 77,025.11, 4.78 | 2,705,777.054 |               |
| 9-10  | 15,152.35, 1.17  | 56,938        | 77,025.11, 4.78 | 2,705,777.054 |               |
| 11-12 | 11,024.02, 0.007 | 19,017        | 77,025.0, 0.80  | 2,705,777.054 |               |
| 13-14 | 14,704.04, 16.34 | 41,326        | 77,026.04, 1.94 | 2,705,777.054 |               |
| 15-16 | 151,577.18, 0.30 | 211,461       | 77,026.04, 6.84 | 2,705,312.233 |               |
| 17-18 | 11,297.19, 0.66  | 10,764        | 77,026.04, 9.73 | 2,705,777.054 |               |
| 19-20 | 59,370.02, 0.65  | 4,28,521      | 77,026.04, 1.48 | 2,705,777.054 |               |
| 21-22 | 22,924.97, 0.15  | 114,461       | 77,026.04, 1.48 | 2,705,777.054 |               |
| 23-24 | 22,924.97, 0.15  | 266,652       | 77,026.04, 1.48 | 2,705,777.054 |               |
| 25-26 | 22,924.97, 0.15  | 1,18,526      | 77,026.04, 1.48 | 2,705,777.054 |               |
| 27-28 | 22,924.97, 0.15  | 1,75,294      | 77,026.04, 1.48 | 2,705,777.054 |               |
| 29-30 | 22,924.97, 0.15  | 2,30,116      | 77,026.04, 1.48 | 2,705,777.054 |               |
| 31-32 | 22,924.97, 0.15  | 3,85,607      | 77,026.04, 1.48 | 2,705,777.054 |               |
| 33-34 | 22,924.97, 0.15  | 5,40,835      | 77,026.04, 1.48 | 2,705,777.054 |               |
| 35-36 | 22,924.97, 0.15  | 6,95,835      | 77,026.04, 1.48 | 2,705,777.054 |               |
| 37-38 | 22,924.97, 0.15  | 8,50,835      | 77,026.04, 1.48 | 2,705,777.054 |               |
| 39-40 | 22,924.97, 0.15  | 10,05,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 41-42 | 22,924.97, 0.15  | 11,60,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 43-44 | 22,924.97, 0.15  | 13,15,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 45-46 | 22,924.97, 0.15  | 14,70,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 47-48 | 22,924.97, 0.15  | 16,25,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 49-50 | 22,924.97, 0.15  | 17,80,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 51-52 | 22,924.97, 0.15  | 19,35,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 53-54 | 22,924.97, 0.15  | 20,90,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 55-56 | 22,924.97, 0.15  | 22,45,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 57-58 | 22,924.97, 0.15  | 24,00,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 59-60 | 22,924.97, 0.15  | 25,55,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 61-62 | 22,924.97, 0.15  | 27,10,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 63-64 | 22,924.97, 0.15  | 28,65,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 65-66 | 22,924.97, 0.15  | 30,20,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 67-68 | 22,924.97, 0.15  | 31,75,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 69-70 | 22,924.97, 0.15  | 33,30,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 71-72 | 22,924.97, 0.15  | 34,85,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 73-74 | 22,924.97, 0.15  | 36,40,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 75-76 | 22,924.97, 0.15  | 37,95,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 77-78 | 22,924.97, 0.15  | 39,50,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 79-80 | 22,924.97, 0.15  | 41,05,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 81-82 | 22,924.97, 0.15  | 42,60,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 83-84 | 22,924.97, 0.15  | 44,15,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 85-86 | 22,924.97, 0.15  | 45,70,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 87-88 | 22,924.97, 0.15  | 47,25,835     | 77,026.04, 1.48 | 2,705,777.054 |               |
| 89-90 | 22,924.97, 0.15  | 48,80,835     | 77,026.04, 1.48 | 2,705,777.054 |               |

Autor: Taysa Robinson Abreu  
 Projeto: Universidade Metropolitana  
 Curitiba, 2000, Fuso 74 N.  
 Plano da Fundação George Mello/2015



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**TABELA DE ALIMENTOS**



Author: Ingrid Baskins Adams  
Project: Universal Transverse Mercator  
Copyright: SINGAS 2003, Page 24/8  
Plano de Fundo: Google Maps (c) 2015

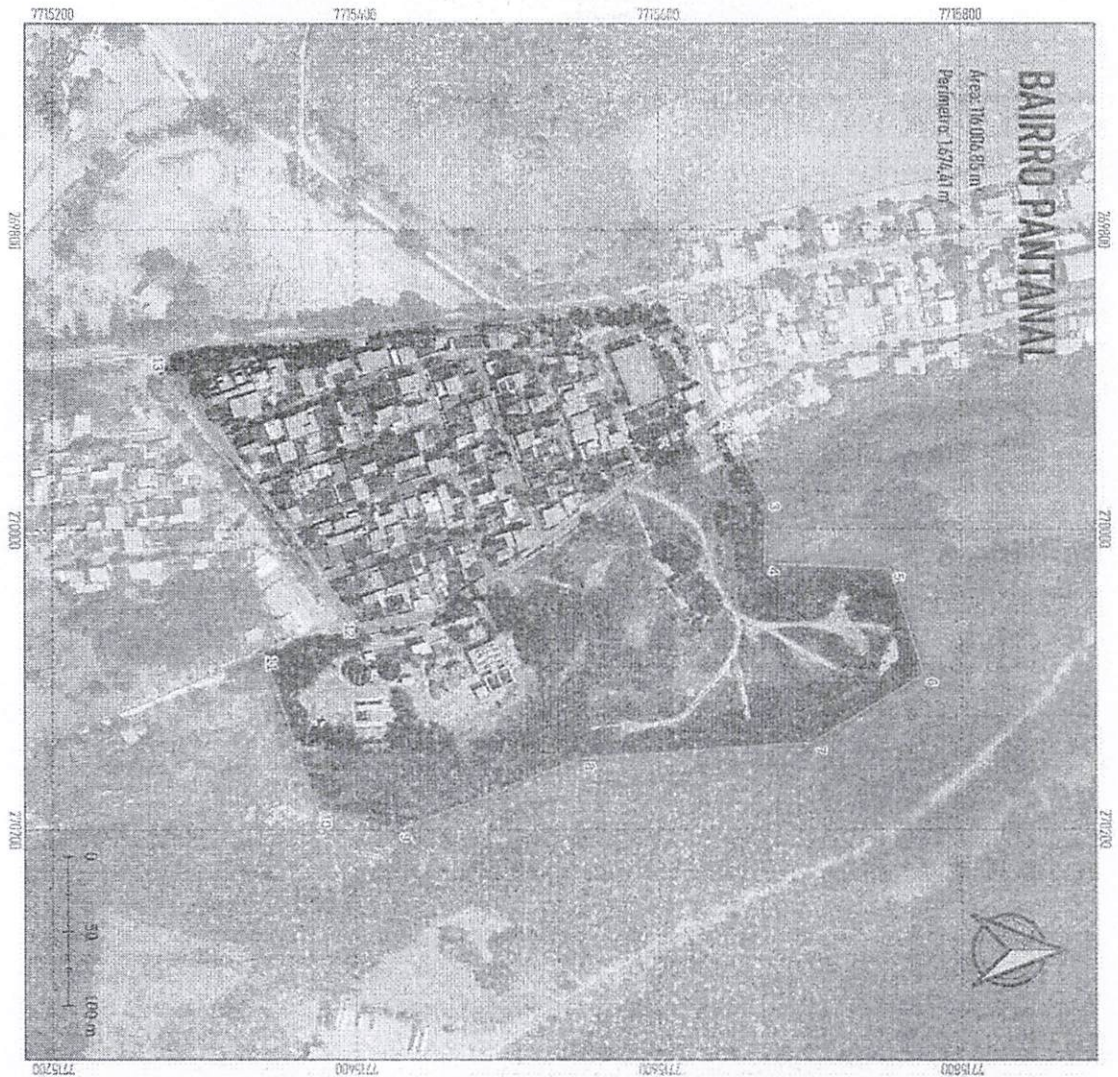


TABELA DE ALINHAMENTOS

| Alinhamento | Área (m²)     | Distância (m) | Cota de nível N | Cota de nível E |
|-------------|---------------|---------------|-----------------|-----------------|
| 1-2         | 71'16,25,85"  | 88,586        | 7715611,533     | 260841,133      |
| 2-3         | 60'09,34,37"  | 62,732        | 7715640,052     | 260925,425      |
| 3-4         | 91'00,22,52"  | 43,303        | 7715671,166     | 260979,809      |
| 4-5         | 29'32,41,30"  | 92,630        | 7715670,504     | 270023,223      |
| 5-6         | 72'28,27,95"  | 73,228        | 7715752,153     | 270026,901      |
| 6-7         | 148'04,29,49" | 86,474        | 7715755,319     | 270036,778      |
| 7-8         | 176'04,32,27" | 113,558       | 7715701,936     | 270142,566      |
| 8-9         | 158'15,26,84" | 130,157       | 7715546,728     | 270153,015      |
| 9-10        | 191'21,48,67" | 54,222        | 7715427,414     | 270200,172      |
| 10-11       | 251'24,35,49" | 110,677       | 7715374,403     | 270106,558      |
| 11-12       | 336'5,42,43"  | 55,832        | 7715339,119     | 270091,696      |
| 12-13       | 234'45,08,07" | 218,723       | 7715360,461     | 270059,758      |
| 13-1        | 353'25,47,03" | 349,596       | 7715264,233     | 260861,135      |

Projeto: Urbanização e Infraestrutura Municipal  
Data: Setembro 2012  
Folha 24 de 24



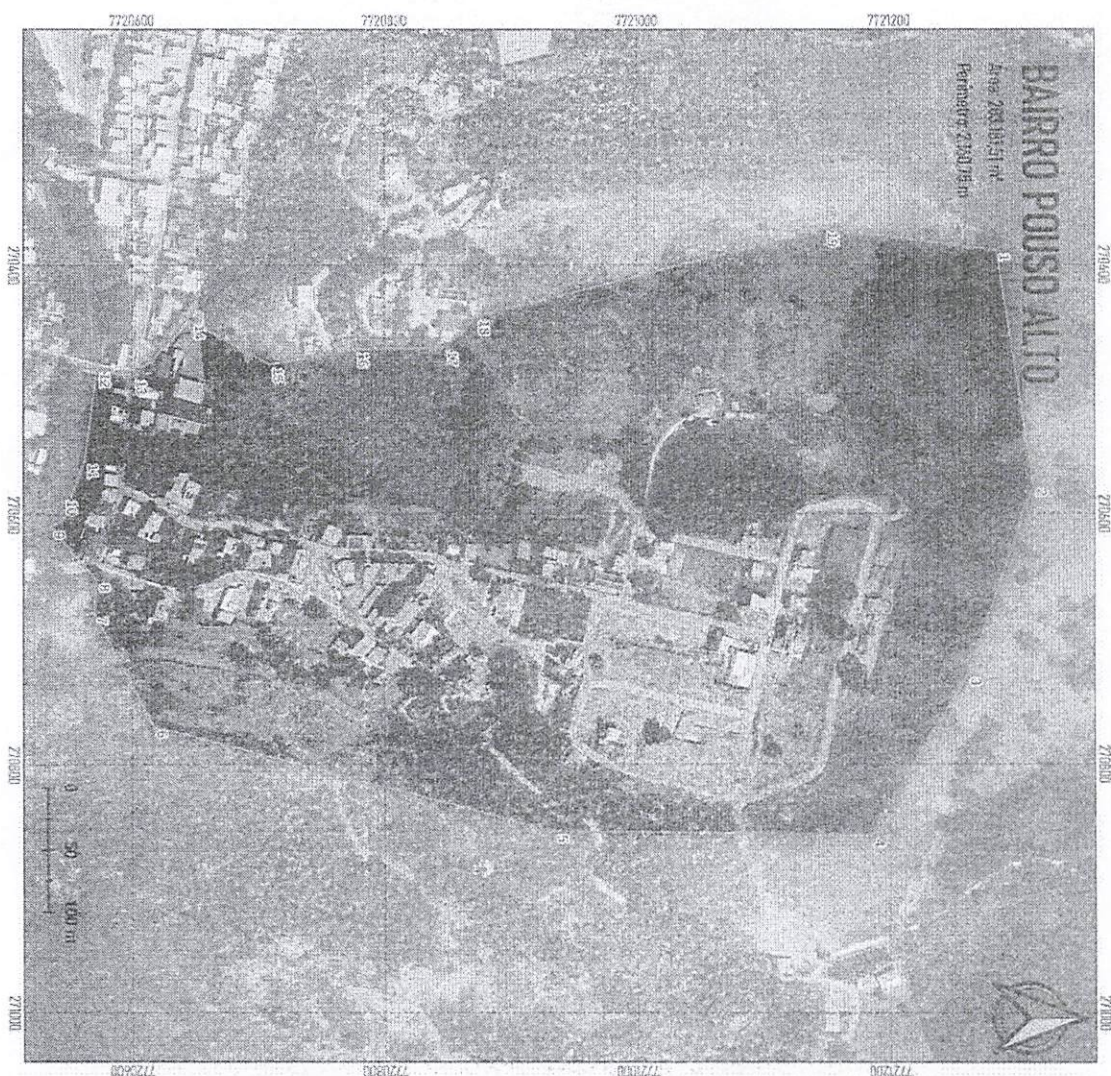


TABELA DE ALINHAMENTOS

| Alinhamento | Ángulo (graus) | Distância (m) | Coordenada N | Coordenada E |
|-------------|----------------|---------------|--------------|--------------|
| 1-2         | 109°11'01,56"  | 47,798        | 7717333,609  | 269617,654   |
| 2-3         | 123°22'02,50"  | 170,751       | 7717318,060  | 269472,021   |
| 3-4         | 130°02'13,58"  | 102,835       | 7717136,452  | 269492,643   |
| 4-5         | 159°36'11,06"  | 187,489       | 7713019,840  | 269633,257   |
| 5-6         | 123°48'45,70"  | 149,127       | 7715872,234  | 269590,145   |
| 6-7         | 223°19'54,15"  | 126,803       | 7716078,162  | 269441,132   |
| 7-8         | 223°19'54,15"  | 60,820        | 7716586,224  | 269504,394   |
| 8-9         | 218°15'19,43"  | 62,000        | 7715541,985  | 269652,658   |
| 9-10        | 207°11'46,51"  | 67,456        | 7716993,236  | 269824,269   |
| 10-11       | 156°40'01,51"  | 58,244        | 7716933,318  | 269792,448   |
| 11-12       | 206°34'26,56"  | 171,794       | 7716377,521  | 269776,743   |
| 12-13       | 242°41'04,19"  | 151,886       | 7716223,875  | 269696,891   |
| 13-14       | 306°37'20,00"  | 317,747       | 7716154,255  | 269564,501   |
| 14-15       | 330°04'42,01"  | 298,015       | 7716343,802  | 269309,881   |
| 15-16       | 317°00'59,85"  | 351,555       | 7716601,922  | 269160,926   |
| 16-17       | 38°21'36,69"   | 317,209       | 7716959,102  | 268921,741   |
| 17-1        | 53°53'24,97"   | 392,776       | 7717108,226  | 269118,412   |

Projeto: Alinhamento de Rua  
Data: 20/04/2011  
Desenho: SRS/2011, Escala: 1:500  
Folha: 01 de 01





| Alimentation | Karlsruhe (91b) | Essen (91c) | Concordia (H) | Concordia (S) |
|--------------|-----------------|-------------|---------------|---------------|
| 1-2          | 61,07(12,9)     | 69,1(98)    | 72120(5,02)   | 27056,166     |
| 2-3          | 109,99(55,64)   | 159,237     | 72131(4,37)   | 27057,118     |
| 3-4          | 120,36(22,07)   | 151,315     | 72126(2,99)   | 27027,550     |
| 4-5          | 189,49(26,8)    | 266,466     | 72110(5,03)   | 27055,154     |
| 5-6          | 199,00(6,79)    | 226,122     | 72293(4,11)   | 27055,155     |
| 6-7          | 242,46(50,57)   | 102,721     | 72260(2,17)   | 27070,220     |
| 7-8          | 273,30(11,59)   | 261,061     | 72705(70,230) | 27067,854     |
| 8-9          | 229,28(24,34)   | 54,993      | 72267(1,822)  | 27056,282     |
| 9-10         | 327,90(4,851)   | 11,752      | 72205(6,008)  | 270610,041    |
| 10-11        | 289,31(1,616)   | 70,563      | 72205(5,482)  | 27063,653     |
| 11-12        | 177,36(23,50)   | 73,542      | 72205(62,749) | 27056,260     |
| 12-13        | 11,91(122,50)   | 29,383      | 72205(72,403) | 27061,365     |
| 13-14        | 316,67(50,14)   | 63,831      | 72260(1,27)   | 27049,892     |
| 14-15        | 209,17(102,45)  | 70,954      | 72206(4,20)   | 27045,012     |
| 15-16        | 349,37(19,06)   | 64,793      | 72270(9,236)  | 27039,665     |
| 16-17        | 339,05(58,11)   | 70,632      | 72207(6,504)  | 27064,132     |
| 17-18        | 315,36(39,61)   | 35,122      | 72208(7,528)  | 27064,66      |
| 18-19        | 345,38(48,49)   | 203,555     | 72208(2,63)   | 27041,552     |
| 19-1         | 77,85(5,89)     | 136,851     | 72211(9,28)   | 270370,761    |



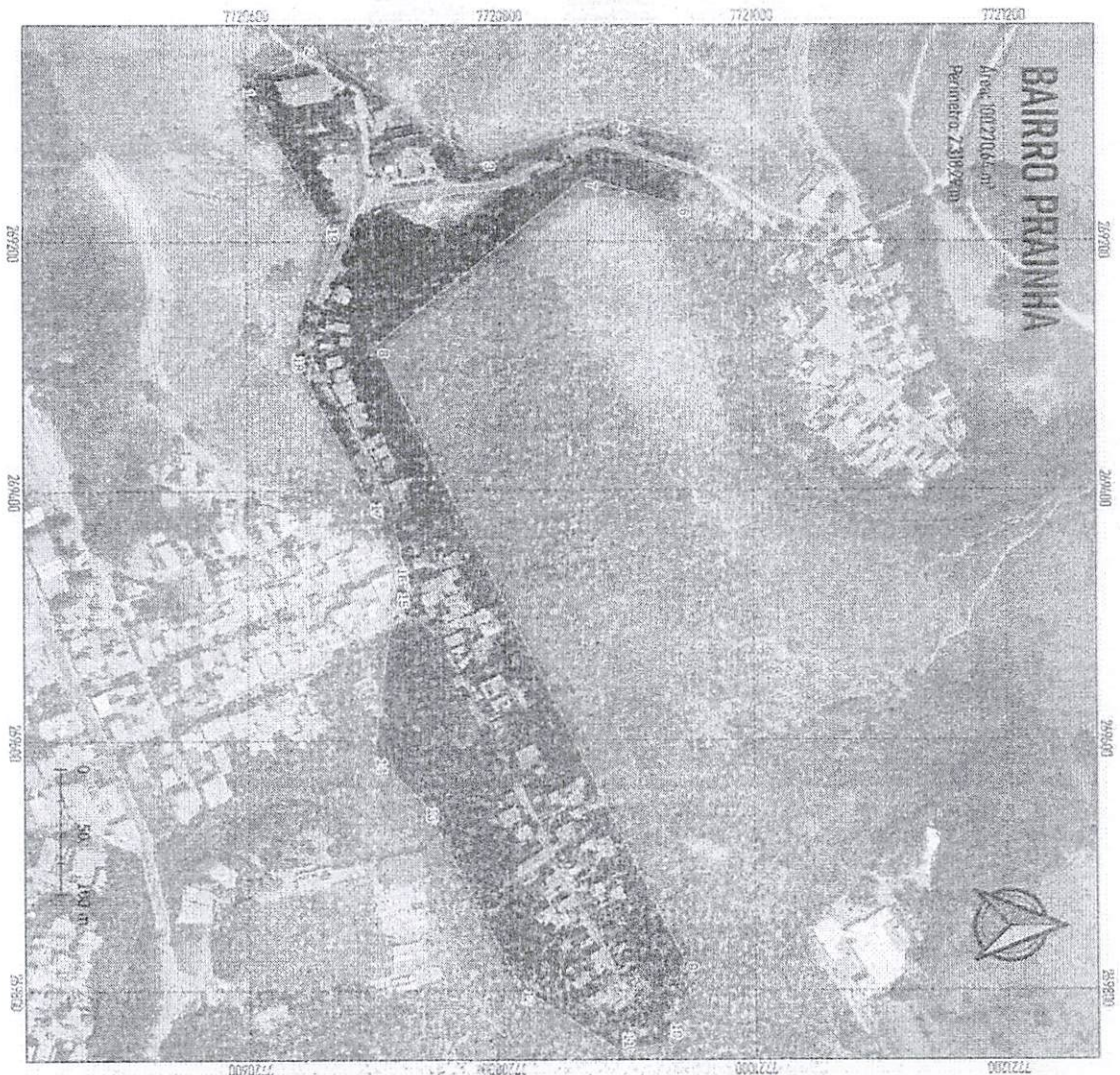


TABELA DE ALTIMETRIAS

| Altitude (m) | Altitude (m) | Altitude (m) | Altitude (m) |
|--------------|--------------|--------------|--------------|
| 1-2          | 3257,013.67  | 88.478       | 772058.655   |
| 2-3          | 3367,71.997  | 186.056      | 772058.655   |
| 3-4          | 3439,27.059  | 110.853      | 772058.655   |
| 4-5          | 3510,01.66   | 77.869       | 772058.655   |
| 5-6          | 3580,37.49   | 36.814       | 772058.655   |
| 6-7          | 3650,22.56   | 76.541       | 772058.655   |
| 7-8          | 3720,30.337  | 215.359      | 772058.655   |
| 8-9          | 3790,44.533  | 508.247      | 772058.655   |
| 9-10         | 3860,50.55   | 67.697       | 772058.655   |
| 10-11        | 3930,55.65   | 39.484       | 772058.655   |
| 11-12        | 4000,59.81   | 94.041       | 772058.655   |
| 12-13        | 4070,63.97   | 165.747      | 772058.655   |
| 13-14        | 4140,68.13   | 35.777       | 772058.655   |
| 14-15        | 4210,72.29   | 132.845      | 772058.655   |
| 15-16        | 4280,76.45   | 30.298       | 772058.655   |
| 16-17        | 4350,80.61   | 53.273       | 772058.655   |
| 17-18        | 4420,84.77   | 113.335      | 772058.655   |
| 18-19        | 4490,88.93   | 106.989      | 772058.655   |
| 19-1         | 4560,93.09   | 128.750      | 772058.655   |

Projeto: Urbanização, Terras e Meio Ambiente  
Plano de Urbanização, Terras e Meio Ambiente  
Plano de Urbanização, Terras e Meio Ambiente

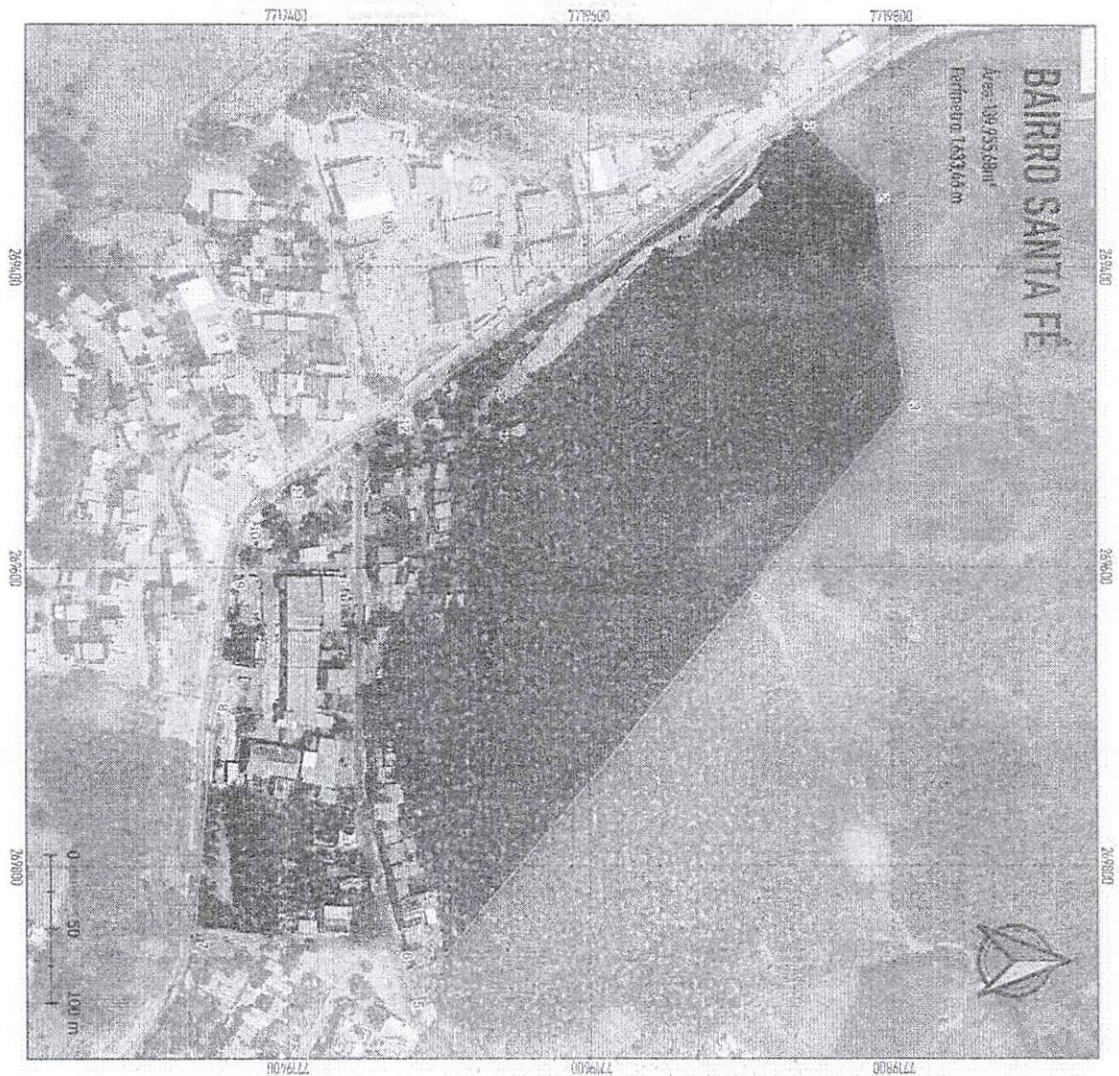


TABELA DE ALINHAMENTOS

| Alinhamento | Azimutho (GMS) | Distância (m) | Coordenada N | Coordenada E |
|-------------|----------------|---------------|--------------|--------------|
| 1-2         | 205°38'45.95"  | 744,023       | 7717593,077  | 270511,029   |
| 2-3         | 213°22'27.65"  | 90,060        | 7716904,322  | 270180,351   |
| 3-4         | 222°46'45.40"  | 205,656       | 7716829,114  | 270130,809   |
| 4-5         | 302°48'15.70"  | 358,127       | 7716678,167  | 269991,132   |
| 5-6         | 339°36'11.06"  | 157,489       | 7716372,234  | 269690,145   |
| 6-7         | 317°02'33.98"  | 192,025       | 7717019,849  | 269635,257   |
| 7-8         | 353°22'02.50"  | 170,751       | 7717118,452  | 269492,643   |
| 8-9         | 289°11'04.56"  | 47,928        | 7717318,060  | 269472,921   |
| 9-10        | 42°39'56.37"   | 160,690       | 7717333,909  | 269427,654   |
| 10-11       | 33°28'12.23"   | 92,680        | 7717451,974  | 269536,562   |
| 11-12       | 2°41'15.34"    | 238,763       | 7717529,285  | 269587,675   |
| 12-13       | 63°26'05.82"   | 140,194       | 7717767,786  | 269596,871   |
| 13-14       | 104°19'21.79"  | 148,354       | 7717930,482  | 269724,264   |
| 14-15       | 173°08'24.86"  | 204,848       | 7717793,782  | 269858,007   |
| 15-16       | 131°57'42.03"  | 255,004       | 7717590,400  | 269882,474   |
| 16-17       | 61°21'47.31"   | 397,280       | 7717419,897  | 270082,093   |
| 17-1        | 102°21'12.08"  | 82,382        | 7717610,701  | 270430,554   |

Autor: Tiago Bulhões Aires  
Projeção Universal Transversa Mercator  
Datum: SIRGAS 2000, Fuso 24 K  
Plano de fundo: Google Maps/2025





**BAIRRO SANTA FÉ**  
Área: 109.455,68m²  
Perímetro: 1.633,65 m



TABELA DE ALINHAMENTOS

| Alinhamento | Azimute (GMS) | Distância (m) | Coordenada N | Coordenada E |
|-------------|---------------|---------------|--------------|--------------|
| 1-2         | 44°51'59,60"  | 68,634        | 7719740,542  | 267299,776   |
| 2-3         | 81°33'22,70"  | 141,321       | 7719709,315  | 267343,723   |
| 3-4         | 329°27'54,54" | 164,937       | 7719809,982  | 269468,425   |
| 4-5         | 129°27'54,54" | 353,095       | 7719705,146  | 268615,588   |
| 5-6         | 257°59'04,02" | 33,200        | 7719480,716  | 269889,151   |
| 5-7         | 183°08'24,66" | 135,435       | 7719473,742  | 269835,285   |
| 7-8         | 275°06'48,43" | 160,275       | 7719310,511  | 269847,966   |
| 8-9         | 277°55'52,33" | 82,498        | 7719352,517  | 269688,303   |
| 9-10        | 285°11'56,46" | 39,298        | 7719363,989  | 269605,597   |
| 10-11       | 317°20'48,75" | 37,953        | 7719374,192  | 269558,669   |
| 11-12       | 327°40'40,10" | 84,047        | 7719402,031  | 269511,022   |
| 12-1        | 323°29'08,35" | 332,941       | 7719473,055  | 269490,094   |



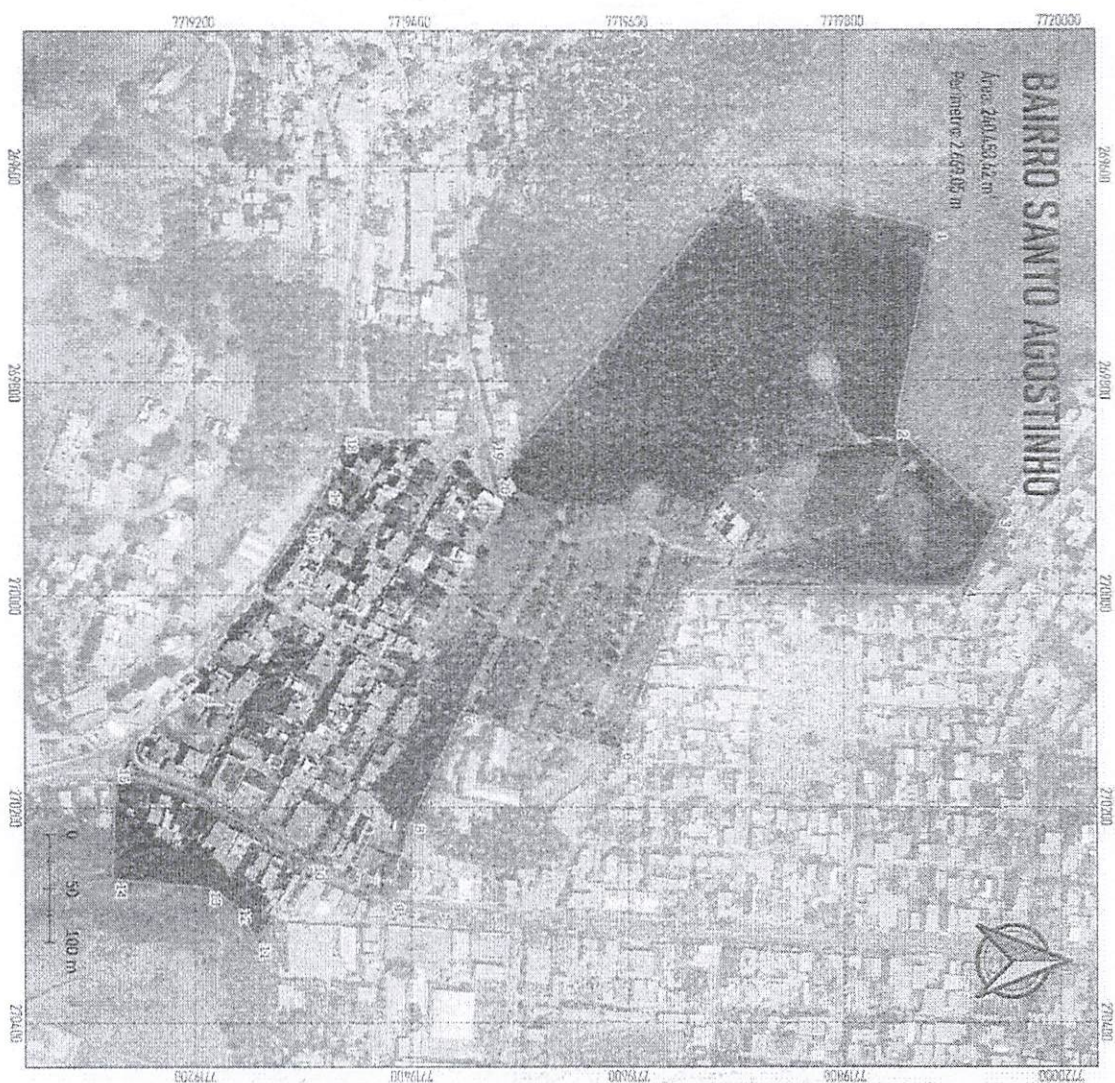


TABELA DE ALINHAMENTOS

| Alinhamento | Azimute (GMS) | Distância | Coordenada N | Coordenada E |
|-------------|---------------|-----------|--------------|--------------|
| 1-2         | 95°00'48.43"  | 169,275   | 7719352,517  | 269688,303   |
| 2-3         | 106°36'50.93" | 53,392    | 7719338,511  | 269947,666   |
| 3-4         | 120°37'24.16" | 40,014    | 7719322,918  | 269899,030   |
| 4-5         | 126°22'48.69" | 155,839   | 7719302,535  | 269933,664   |
| 5-6         | 129°55'31.79" | 126,660   | 7719286,322  | 270561,314   |
| 6-7         | 222°33'08.37" | 39,779    | 7719127,032  | 270158,478   |
| 7-8         | 193°19'14.36" | 44,289    | 7719097,728  | 270131,576   |
| 8-9         | 250°56'05.08" | 122,035   | 7719055,933  | 270116,923   |
| 9-10        | 280°44'24.61" | 58,018    | 7719016,071  | 270001,582   |
| 10-11       | 293°20'35.08" | 273,408   | 7719026,853  | 269944,581   |
| 11-12       | 359°15'07.91" | 91,111    | 7719135,217  | 269693,551   |
| 12-13       | 338°07'16.56" | 64,991    | 7719176,325  | 269693,015   |
| 13-1        | 9°33'19.12"   | 117,513   | 7719236,635  | 269668,756   |

Autor: Yago Bultrina Alencar  
Projeção Universal Transversa Mercator  
Datum: SIRGAS 2011, Fuso 24 N  
Plano de fundo: Google Maps/2025





| Altitudes (m) | Pressure (hPa) | Distance (m) | Concentrated N <sub>2</sub> | Concentrated O <sub>2</sub> |
|---------------|----------------|--------------|-----------------------------|-----------------------------|
| 1-2           | 1011.57-57.57  | 186, 192     | 7119889.03                  | 260595.995                  |
| 2-3           | 4134.53-3.3    | 127,264      | 7119461.822                 | 26602.627                   |
| 3-4           | 116.13 19.08*  | 15,454       | 7119346.031                 | 26894.021                   |
| 4-5           | 179.55-42.48*  | 266, 192     | 7119150.585                 | 25999.1974                  |
| 5-6           | 111.65-92.2    | 162,654      | 7119560.613                 | 26919.768                   |
| 6-7           | 133.40-18.27   | 149, 171     | 7119151.892                 | 26794.956                   |
| 7-8           | 114.10-10.18*  | 15,626       | 7119445.697                 | 27010.510                   |
| 8-9           | 105.32-34.69*  | 115,676      | 7119040.409                 | 27015.168                   |
| 9-10          | 205.97-44.04*  | 81,325       | 7113800.379                 | 27035.971                   |
| 10-11         | 124.16-52.14*  | 69,388       | 711590.734                  | 27050.354                   |
| 11-12         | 241.31-81.81*  | 39,195       | 7119256.619                 | 27024.215                   |
| 12-13         | 211.95-35.35*  | 87,792       | 7119215.975                 | 27026.799                   |
| 13-14         | 181.95-15.40*  | 97,901       | 7119121.620                 | 27020.264                   |
| 14-15         | 207.93-55.14*  | 107,852      | 7119123.053                 | 27016.478                   |
| 15-16         | 307.95-10.42*  | 285,354      | 7119127.002                 | 27018.288                   |
| 16-17         | 300.97-2.16*   | 40,014       | 7119300.533                 | 26593.463                   |
| 17-18         | 286.95-56.93*  | 53,392       | 7119331.918                 | 26699.041                   |
| 18-19         | 310.82-54.93*  | 133,635      | 7119333.511                 | 26694.966                   |
| 19-20         | 77.99-04.57*   | 33,500       | 7119197.432                 | 26762.385                   |
| 20-21         | 309.27-05.54*  | 55,095       | 7119480.716                 | 26988.151                   |
| 21-1          | 133.96-49.69*  | 184,325      | 7119305.466                 | 266615.558                  |

Autor: Işık Gülbenek Altın  
 Projeção Universal, Inscricao 24 Mar 2007  
 Editora: SPMAS, 2000, Foco 24 R  
 Plano da Tabela: Google Maps 2025





TABELA DE ALINHAMENTOS

| Alinhamento | Ângulo (Grs)  | Distância (m) | Coordenada N | Coordenada E |
|-------------|---------------|---------------|--------------|--------------|
| 1-2         | 03°32'56,39"  | 384,880       | 7718686,710  | 270319,152   |
| 2-3         | 150°51'54,61" | 125,549       | 7719664,884  | 270703,294   |
| 3-4         | 168°25'19,50" | 30,179        | 7719563,725  | 270783,165   |
| 4-5         | 159°35'42,08" | 42,065        | 7719535,343  | 270791,088   |
| 5-6         | 210°13'55,71" | 161,621       | 7719483,909  | 270783,776   |
| 6-7         | 239°09'42,79" | 43,225        | 7719354,671  | 270671,762   |
| 7-8         | 249°04'55,65" | 173,002       | 7719311,913  | 270640,647   |
| 8-9         | 255°24'57,24" | 64,560        | 7719272,594  | 270748,167   |
| 9-10        | 270°34'55,05" | 91,474        | 7719256,247  | 270715,687   |
| 10-11       | 300°16'32,14" | 89,150        | 7719256,910  | 270324,215   |
| 11-12       | 25°57'44,04"  | 81,355        | 7719202,234  | 270280,375   |
| 12-13       | 129°46'53,43" | 66,736        | 7719380,379  | 270385,991   |
| 13-1        | 49°22'44,35"  | 240,951       | 7719445,462  | 270300,755   |

Autor: Ilmar Roberto Azeiteiro  
Projeto Gráfico: Ilmar Roberto Azeiteiro  
Data: 08/05/2018 15:00:30 K  
Fonte da Imagem: Google Maps/2018



TABELA DE ALINHAMENTOS

| Alinhamento | Azimute (GMS) | Distância (m) | Coordenada N | Coordenada E |
|-------------|---------------|---------------|--------------|--------------|
| 1-2         | 176°29'35.32" | 190,909       | 7720340,301  | 269514,103   |
| 2-3         | 123°26'54.44" | 32,560        | 7720149,753  | 269625,836   |
| 3-4         | 116°11'18.51" | 90,661        | 7720131,005  | 269653,003   |
| 4-5         | 211°51'22.56" | 178,298       | 7720083,265  | 269741,536   |
| 5-6         | 194°24'52.58" | 224,856       | 7719936,823  | 269547,432   |
| 6-7         | 311°23'29.51" | 137,591       | 7719713,306  | 269591,447   |
| 7-8         | 261°35'27.70" | 141,321       | 7719809,982  | 269483,225   |
| 8-9         | 224°51'59.60" | 99,912        | 7719783,315  | 269348,423   |
| 9-10        | 277°17'24.74" | 258,933       | 7719718,503  | 269277,539   |
| 10-11       | 308°39'35.31" | 173,638       | 7719751,373  | 269021,101   |
| 11-12       | 354°25'40.09" | 216,214       | 7719859,843  | 268885,512   |
| 12-13       | 19°02'03.96"  | 185,072       | 7720075,035  | 268864,518   |
| 13-14       | 141°58'51.81" | 122,142       | 7720249,988  | 268924,877   |
| 14-15       | 104°27'24.32" | 115,631       | 7720153,764  | 269000,106   |
| 15-16       | 66°21'40.51"  | 187,907       | 7720124,897  | 269112,076   |
| 16-17       | 64°02'00.47"  | 103,416       | 7720200,242  | 269284,216   |
| 17-18       | 59°44'54.18"  | 83,805        | 7720245,522  | 269377,193   |
| 18-19       | 67°31'42.62"  | 93,285        | 7720287,743  | 269449,586   |
| 19-1        | 77°49'16.30"  | 80,118        | 7720323,399  | 269535,788   |

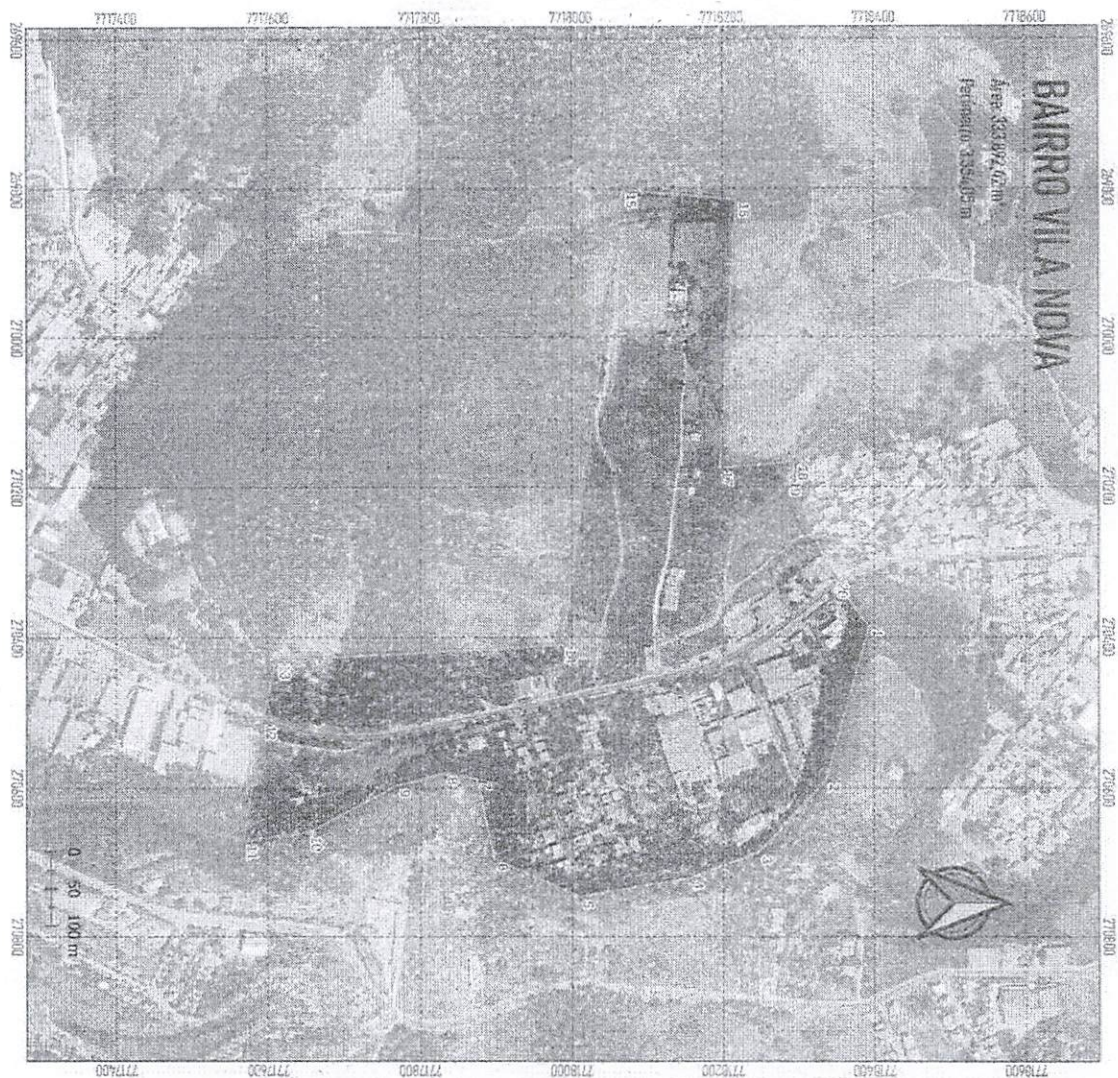
Autor: Tiago Batista Abreu  
Projeção Universal Transversa Mercator  
Datum: SIRGAS 2000, Fuso 24 N  
Plano de Fundo: Google Maps/2025





| Altitude (m) | Latitude (°S) | Longitude (°E) | Coordinate     |
|--------------|---------------|----------------|----------------|
| 1-2          | 18°07'22.55"  | 17°22.32"      | 772.655, 504   |
| 2-3          | 18°07'16.16"  | 17°21.36"      | 772.666, 677   |
| 3-4          | 17°27'46.50"  | 55.491         | 772.019, 381   |
| 4-5          | 23°15'51.09"  | 134.170        | 772.088, 265   |
| 5-6          | 25°01'11.815" | 98.661         | 772.089, 281   |
| 6-7          | 30°3'35.544"  | 72.560         | 772.011, 1.805 |
| 7-8          | 35°08'26.33"  | 60.909         | 772.019, 753   |
| 8-9          | 35°06'26.33"  | 31.603         | 772.030, 301   |
| 9-10         | 37°07'32.79"  | 38.818         | 772.031, 872   |
| 10-11        | 37°07'32.79"  | 22.294         | 772.030, 123   |
| 11-12        | 46°09'11.59"  | 27.498         | 772.030, 123   |
| 12-13        | 46°10'03.60"  | 72.106         | 772.049, 1.205 |
| 13-1         | 33°42'24.83"  | 45.113         | 772.049, 97.5  |





| TABELA DE ALINHAMENTOS |            |               |              |
|------------------------|------------|---------------|--------------|
| Alinhamento            | Área (km²) | Distância (m) | Coordenada N |
| 1-2                    | 105,97     | 59,97         | 212,085      |
| 2-3                    | 132,33     | 27,83         | 131,601      |
| 3-4                    | 158,99     | 29,76         | 96,515       |
| 4-5                    | 120,06     | 19,72         | 198,710      |
| 5-6                    | 208,02     | 15,63         | 123,527      |
| 6-7                    | 258,97     | 20,88         | 110,891      |
| 7-8                    | 185,49     | 29,51         | 43,591       |
| 8-9                    | 165,43     | 32,55         | 64,915       |
| 9-10                   | 151,42     | 27,31         | 131,418      |
| 10-11                  | 172,20     | 27,47         | 84,171       |
| 11-12                  | 278,47     | 29,75         | 162,322      |
| 12-13                  | 282,21     | 12,08         | 82,382       |
| 13-14                  | 356,93     | 50,00         | 377,841      |
| 14-15                  | 277,35     | 40,22         | 613,210      |
| 15-16                  | 458,56     | 7,1           | 149,661      |
| 16-17                  | 93,51      | 50,86         | 360,041      |
| 17-18                  | 355,95     | 08,40         | 99,723       |
| 18-19                  | 116,06     | 47,08         | 23,283       |
| 19-20                  | 65,13      | 00,66         | 149,833      |
| 20-1                   | 53,32      | 27,12         | 76,506       |





TABELA DE ALINHAMENTOS

| Alinhamento | Área (m²)     | Perímetro (m) | Cota (m)     | Coordenada N | Coordenada E |
|-------------|---------------|---------------|--------------|--------------|--------------|
| 1-2         | 199.318,85    | 62,662        | 77195,66,275 | 27025,3,165  |              |
| 2-3         | 194.307,8,407 | 78,073        | 77195,66,275 | 27025,3,165  |              |
| 3-4         | 194.307,8,407 | 78,073        | 77195,66,275 | 27025,3,165  |              |
| 4-5         | 168.37,90,517 | 209,797       | 77195,66,275 | 27025,3,165  |              |
| 5-6         | 161.76,40,157 | 150,182       | 77195,66,275 | 27025,3,165  |              |
| 6-7         | 241.307,2,967 | 319,422       | 77195,66,275 | 27025,3,165  |              |
| 7-8         | 311.02,3,357  | 57,759        | 77195,66,275 | 27025,3,165  |              |
| 8-9         | 200.10,44,357 | 84,493        | 77195,66,275 | 27025,3,165  |              |
| 9-10        | 316.55,12,627 | 77,123        | 77195,66,275 | 27025,3,165  |              |
| 10-11       | 327.09,2,1697 | 139,389       | 77195,66,275 | 27025,3,165  |              |
| 11-12       | 327.09,2,1697 | 139,389       | 77195,66,275 | 27025,3,165  |              |
| 12-13       | 48.99,61,467  | 87,901        | 77195,66,275 | 27025,3,165  |              |
| 13-14       | 31.32,35,357  | 31,792        | 77195,66,275 | 27025,3,165  |              |
| 14-15       | 61.18,41,847  | 38,195        | 77195,66,275 | 27025,3,165  |              |
| 15-16       | 90.24,55,657  | 91,474        | 77195,66,275 | 27025,3,165  |              |
| 16-17       | 78.24,67,247  | 64,560        | 77195,66,275 | 27025,3,165  |              |
| 17-18       | 69.51,55,657  | 73,302        | 77195,66,275 | 27025,3,165  |              |
| 18-19       | 59.09,42,797  | 43,225        | 77195,66,275 | 27025,3,165  |              |
| 19-20       | 39.13,55,717  | 16,621        | 77195,66,275 | 27025,3,165  |              |
| 20-21       | 9.95,42,007   | 42,065        | 77195,66,275 | 27025,3,165  |              |
| 21-1        | 348.29,19,507 | 39,179        | 77195,66,275 | 27025,3,165  |              |

Projeto: Plano Diretor Municipal  
Elaborado por: Eng.º Civil  
Data: 20/03/2011





#### TABLA DE ALTIMETROS

| Altitudinal | Altitude (m)   | Distance (m) | Coordinate N | Coordinate E |
|-------------|----------------|--------------|--------------|--------------|
| 1-2         | 6442.00, 13°   | 265.026      | 771817, 149  | 270721, 152  |
| 2-3         | 1397.50, 05°   | 233.919      | 771817, 291  | 270650, 099  |
| 3-4         | 1027.20, 59°   | 192.276      | 771822, 306  | 271465, 243  |
| 4-5         | 234.45, 42.84° | 281.895      | 771784, 574  | 271424, 005  |
| 5-6         | 644.53, 09.93° | 206.670      | 771724, 078  | 271163, 764  |
| 6-7         | 270.13, 46.32° | 392.858      | 771724, 163  | 271005, 631  |
| 7-8         | 1936.01, 51°   | 147.163      | 771720, 341  | 270612, 502  |
| 8-9         | 2737.25, 19°   | 86.344       | 771718, 458  | 270616, 585  |
| 9-10        | 1532.27, 98°   | 55.333       | 771514, 957  | 270656, 619  |
| 10-11       | 357.20, 42.47° | 84.371       | 771558, 267  | 270671, 494  |
| 11-12       | 331.46, 07.31° | 133.418      | 771651, 608  | 270680, 232  |
| 12-13       | 345.14, 52.35° | 64.915       | 771760, 162  | 270596, 984  |
| 13-14       | 949.29, 51°    | 43.591       | 771731, 937  | 270590, 454  |
| 14-15       | 78703.20, 88°  | 110.991      | 771734, 689  | 270587, 893  |
| 15-16       | 24702.25, 63°  | 123.527      | 771787, 839  | 270606, 382  |
| 16-1        | 350706.19, 77° | 148.710      | 7718010, 651 | 270746, 705  |

Ata da Topografia do Bairro  
Projeto Urbanístico do Bairro  
Escala: 1:5000, 1:1000, 1:500, 1:200  
Folha de Planta: 001, 002, 003, 004, 005



Prefeitura Municipal de Castelo

Av. Nossa Senhora da Penha, 103 - Centro | Cep: 29360-000 - Castelo/ES | Tel.: +55 28 3542-2124 | 8526



TABELA DE ALINHAMENTOS

| Alinhamento | Área (m²)   | Distância (m) | Coordenada N | Coordenada E |
|-------------|-------------|---------------|--------------|--------------|
| 1-2         | 68.906,03   | 55,273        | 772665,074   | 265402,032   |
| 2-3         | 87.210,63   | 20,298        | 7720715,035  | 265458,571   |
| 3-4         | 97.413,75   | 132,845       | 7720715,077  | 266418,818   |
| 4-5         | 135.3210,95 | 105,588       | 7720698,192  | 266101,497   |
| 5-6         | 142.0051,25 | 96,030        | 7720601,191  | 266654,529   |
| 6-7         | 213.4224,83 | 45,113        | 7720555,594  | 2669713,732  |
| 7-8         | 192.4103,60 | 22,106        | 7720487,975  | 266663,697   |
| 8-9         | 225.0011,95 | 24,289        | 7720419,276  | 268560,793   |
| 9-10        | 178.0210,99 | 22,284        | 7720402,004  | 266649,320   |
| 10-11       | 357.4032,79 | 38,816        | 7720380,123  | 266650,083   |
| 11-12       | 176.2835,32 | 31,601        | 7720371,842  | 266612,161   |
| 12-13       | 257.4616,30 | 80,118        | 7720340,101  | 266544,163   |
| 13-14       | 247.3142,62 | 93,285        | 7720323,399  | 266535,788   |
| 14-15       | 239.4434,18 | 83,805        | 7720307,743  | 266449,586   |
| 15-16       | 244.0200,47 | 103,416       | 7720285,522  | 266377,193   |
| 16-17       | 246.2140,51 | 182,907       | 7720200,242  | 266284,216   |
| 17-18       | 284.2724,32 | 115,621       | 7720114,597  | 266112,076   |
| 18-19       | 321.5631,81 | 122,192       | 7720153,764  | 266000,106   |
| 19-20       | 81.232,35   | 134,783       | 7720249,888  | 266924,877   |
| 20-21       | 61.2904,03  | 252,866       | 7720381,390  | 266934,122   |
| 21-22       | 80.1000,58  | 163,911       | 7720504,107  | 268165,312   |
| 22-1        | 35.573,64   | 181,207       | 7720532,099  | 269317,815   |

Ata: Topografia  
Projeto: Serviço de Urbanização  
Bairro: SÍTIO 2001, Fuso 21 K  
Folha nº 1000, Grupo: M-2002

Castelo/ES, 15 de setembro de 2026.

JOAO PAULO  
SILVA  
NALI:10223569763

JOÃO PAULO SILVA NALI

Prefeito de Castelo – ES

Assinado digitalmente por  
JOAO PAULO SILVA  
NALI:10223569763  
Data: 2025.09.16 07:33:30 -0300

Prefeitura Municipal de Castelo

Av. Nossa Senhora da Penha, 103 - Centro | Cep: 29360-000 - Castelo/ES | Tel.: +55 28 3542-2124 | 8526