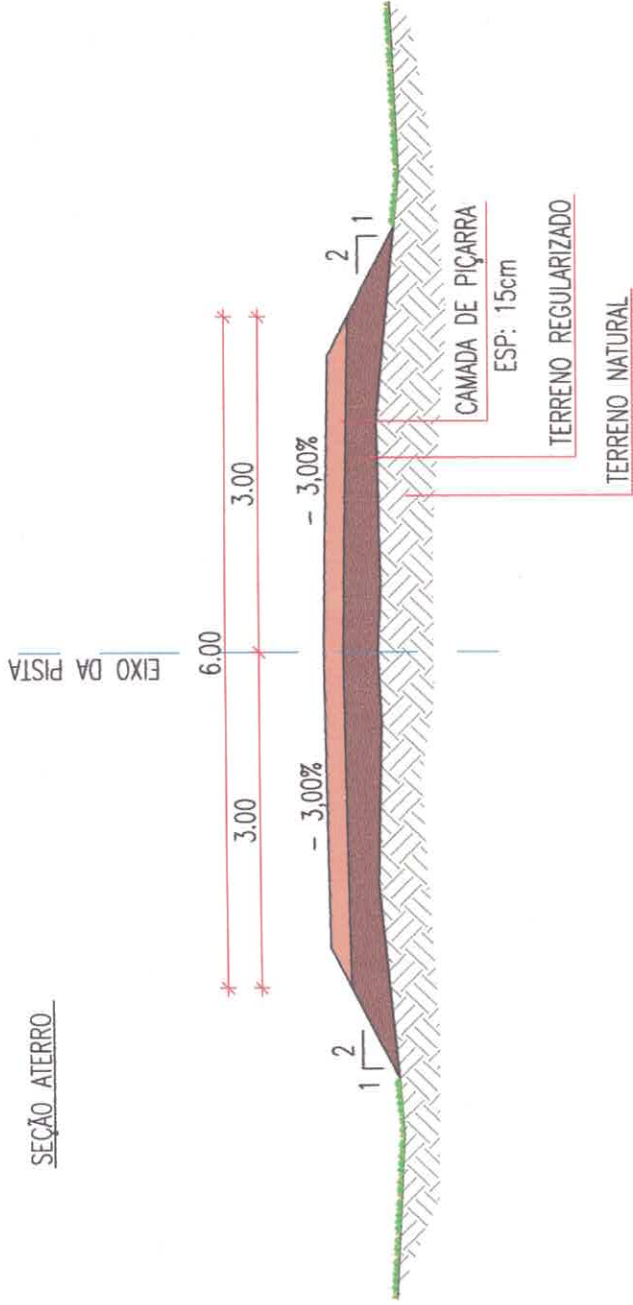
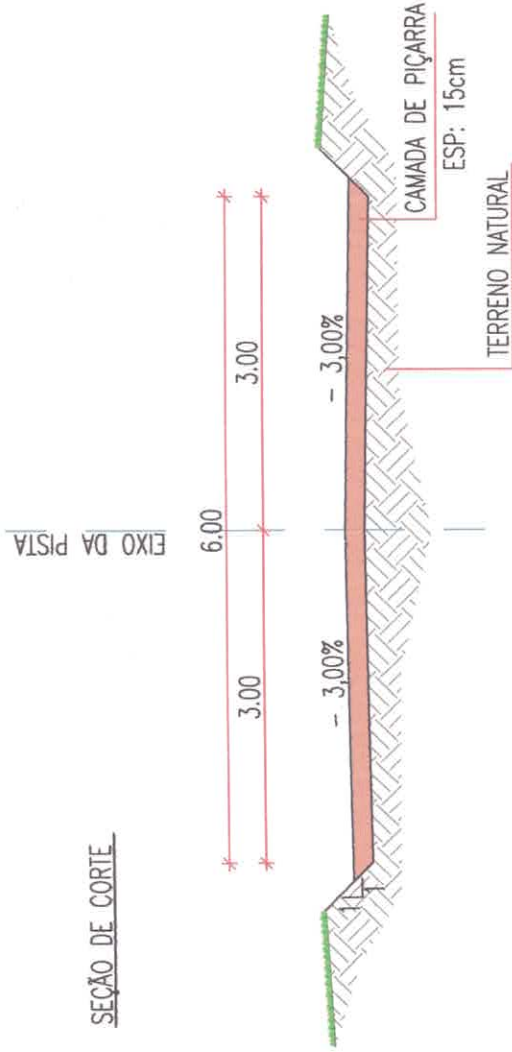


SEÇÃO ATERRO

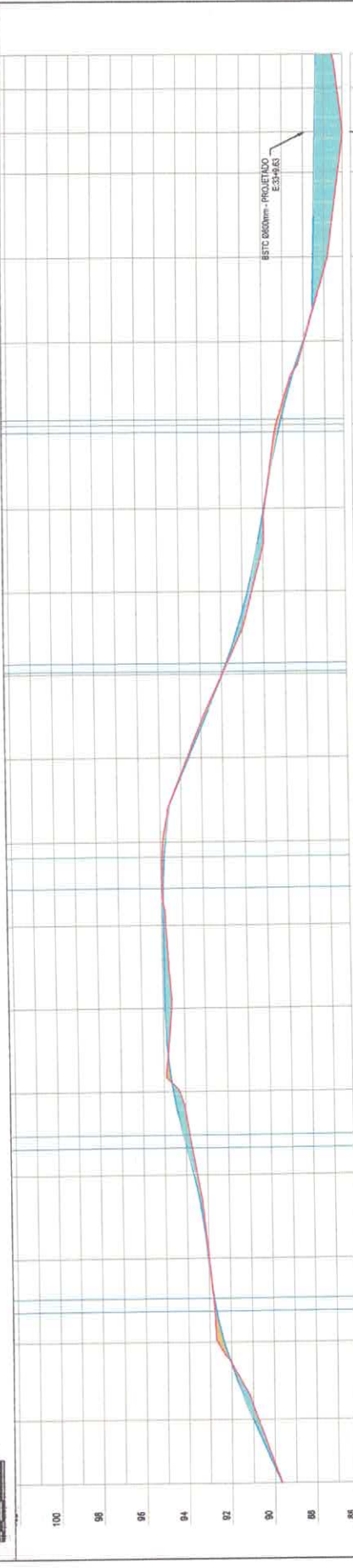
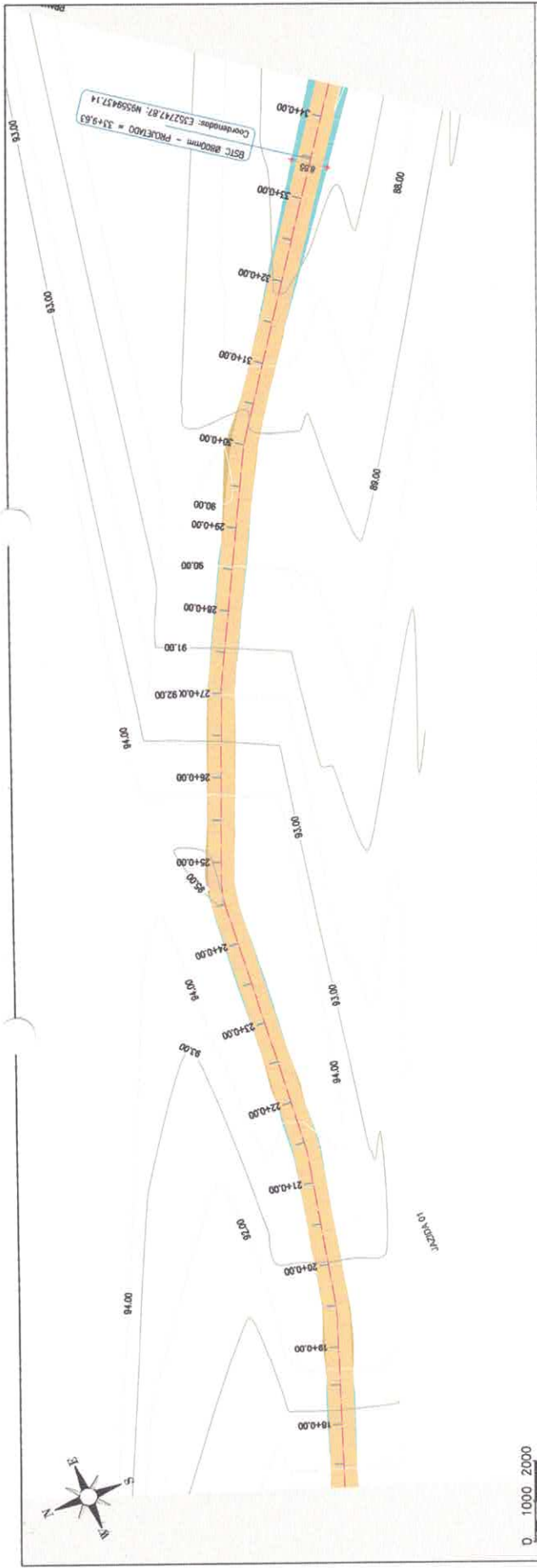


SEÇÃO DE CORTE



| | | | |
|--|--|--|------------------------------|
|  Prefeitura de Santa Quitéria | | PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE TRECHO: AREIAL A LISIEUX (1ª ETAPA) | PRANCHAL: 1 / 01 |
| PROJETOISTA: CLÁUDIO JOSÉ QUEIROZ BARRIOS - ENGRº CIVIL - CREA 13.419/DCE | | SEÇÃO TIPO | ESCALA: SEM ESCALA |
| ARQUIVO: 3 - REV_5_0_LIS A AREL_01_01_STIPO_R01.DWG | | | |

Cláudio José Queiroz Barrios
 CLÁUDIO JOSÉ QUEIROZ BARRIOS
 ENGRº CIVIL - CREA 13.419/DCE



| DATA DE COTA DA ESTACAO | COTA DE CIMA DA ESTACAO | COTA DE BAIXO DA ESTACAO | QUOTA DE PROJETO | QUOTA DE TERRENO | QUOTA DE PROJEÇÃO |
|-------------------------|-------------------------|--------------------------|------------------|------------------|-------------------|
| 0011 | 90.686 | 89.674 | 90.674 | 90.674 | 90.674 |
| 0012 | 91.004 | 90.780 | 90.780 | 90.780 | 90.780 |
| 0013 | 92.340 | 92.662 | 92.662 | 92.662 | 92.662 |
| 0014 | 92.004 | 92.887 | 92.887 | 92.887 | 92.887 |
| 0015 | 93.631 | 93.677 | 93.677 | 93.677 | 93.677 |
| 0016 | 94.588 | 94.280 | 94.280 | 94.280 | 94.280 |
| 0017 | 94.902 | 94.600 | 94.600 | 94.600 | 94.600 |
| 0018 | 94.787 | 94.880 | 94.880 | 94.880 | 94.880 |
| 0019 | 93.817 | 93.676 | 93.676 | 93.676 | 93.676 |
| 0020 | 91.973 | 91.981 | 91.981 | 91.981 | 91.981 |
| 0021 | 90.738 | 90.536 | 90.536 | 90.536 | 90.536 |
| 0022 | 88.443 | 88.912 | 88.912 | 88.912 | 88.912 |
| 0023 | 88.151 | 88.384 | 88.384 | 88.384 | 88.384 |
| 0024 | 88.644 | 87.978 | 87.978 | 87.978 | 87.978 |
| 0025 | 87.916 | 88.654 | 88.654 | 88.654 | 88.654 |
| 0026 | 87.447 | 88.348 | 88.348 | 88.348 | 88.348 |
| 0027 | 87.115 | 88.113 | 88.113 | 88.113 | 88.113 |
| 0028 | 87.280 | 88.388 | 88.388 | 88.388 | 88.388 |
| 0029 | 87.284 | 88.617 | 88.617 | 88.617 | 88.617 |

PRANCHA: **2 / 55**
 ESCALA: **1/1000**

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX

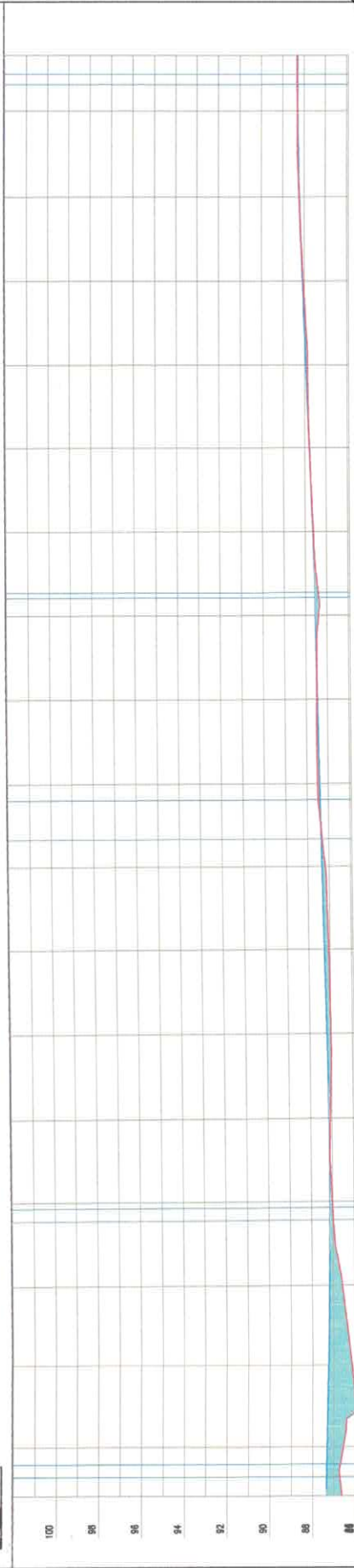
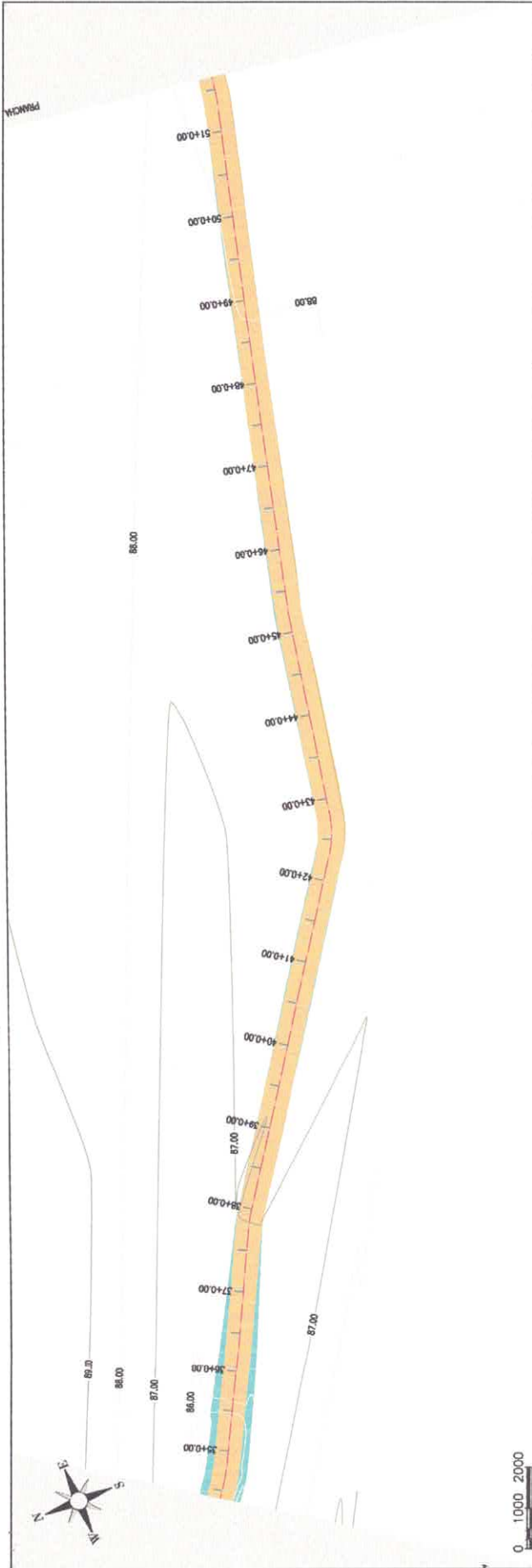
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARROS - ENG. CIVIL - CREA 13.418/02CE
 ARQUIVO: 4 - REV. 5. 0_1_US A AREAL_55_55_GEOM_P2.DWG


 Prefeitura de
Santa Quitéria


 CLAUDIO JOSÉ QUEIROZ BARROS
 Eng. Civil - CREA 13.418/02CE

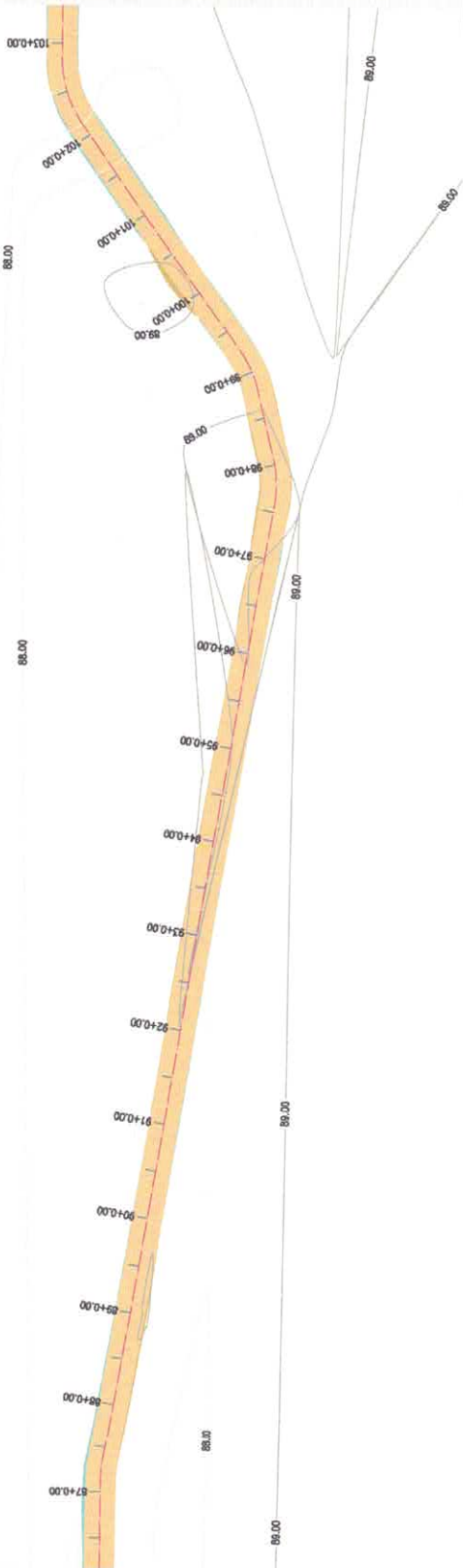
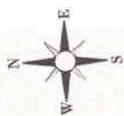
D. 1000 2000



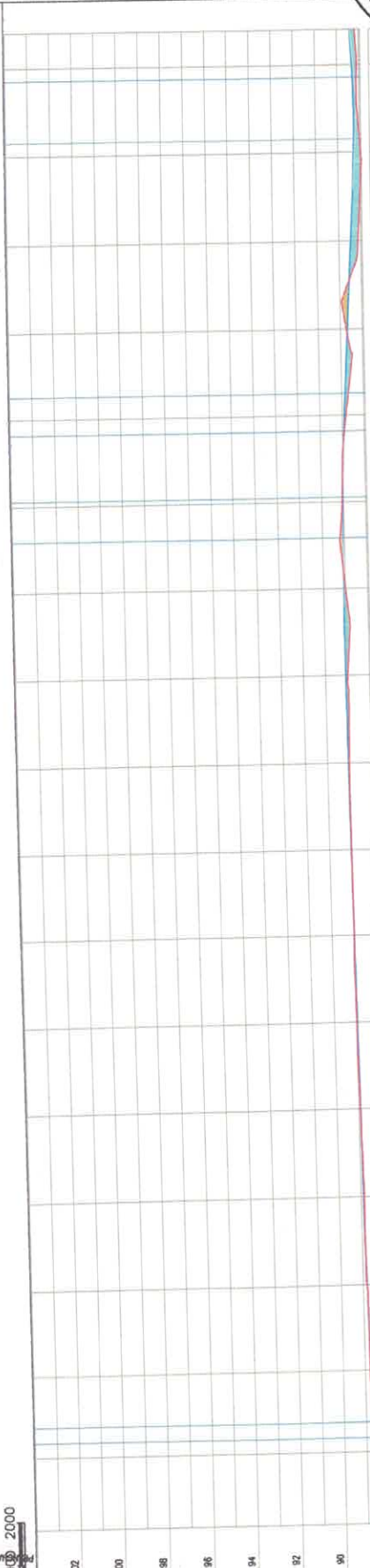
| Estação | Cota da Terra | Cota da Estrada | Profundidade | Altura |
|---------|---------------|-----------------|--------------|--------|
| 15+00 | 87,254 | 88,817 | 24 | 0,277 |
| 16+00 | 87,315 | 88,508 | 30 | 0,796 |
| 17+00 | 87,250 | 88,150 | 30 | 1,000 |
| 18+00 | 87,198 | 88,588 | 37 | 0,987 |
| 19+00 | 87,204 | 87,819 | 40 | 0,185 |
| 20+00 | 87,271 | 87,888 | 41 | 0,383 |
| 21+00 | 87,338 | 87,187 | 42 | 0,192 |
| 22+00 | 87,407 | 87,508 | 43 | -0,101 |
| 23+00 | 87,474 | 87,281 | 47 | -0,007 |
| 24+00 | 87,208 | 87,817 | 46 | 0,016 |
| 25+00 | 87,542 | 87,395 | 45 | 0,147 |
| 26+00 | 87,208 | 87,248 | 46 | 0,081 |
| 27+00 | 88,087 | 88,247 | 48 | 0,048 |
| 28+00 | 88,333 | 88,245 | 50 | -0,011 |
| 29+00 | 88,308 | 88,227 | 51 | -0,018 |
| 30+00 | 88,318 | 88,138 | 51 | -0,021 |

PRANCHIA: **3 / 55**
 ESCALA: **1/1000**
 PREFEITURA MUNICIPAL DE SANTA QUITÉRIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITÉRIA / CE
 TRECHO: AREIAL A LISIEUX
ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARROS - ENGº CIVIL - CREA 13.418/0-CE
 ARQUIVO: 4 - RDV_S_0_LIS A AREIAL 158,58_GEOM_02.DWG

Prefeitura de
Santa Quitéria
 Engº CIVIL CLAUDIO JOSÉ QUEIROZ BARROS
 CREA 13.418/0-CE




0 100 2000



| Estaca | Alt. de Cota de | Alt. de Cota da | Alt. de Cota de | Alt. de Cota de |
|--------|-----------------|-----------------|-----------------|-----------------|
| Estaca | Exista | Proposta | Proposta | Proposta |
| 87 | 88,482 | 88,472 | 88,472 | 88,472 |
| 88 | 88,482 | 88,472 | 88,472 | 88,472 |
| 89 | 88,482 | 88,472 | 88,472 | 88,472 |
| 90 | 88,482 | 88,472 | 88,472 | 88,472 |
| 91 | 88,482 | 88,472 | 88,472 | 88,472 |
| 92 | 88,482 | 88,472 | 88,472 | 88,472 |
| 93 | 88,482 | 88,472 | 88,472 | 88,472 |
| 94 | 88,482 | 88,472 | 88,472 | 88,472 |
| 95 | 88,482 | 88,472 | 88,472 | 88,472 |
| 96 | 88,482 | 88,472 | 88,472 | 88,472 |
| 97 | 88,482 | 88,472 | 88,472 | 88,472 |
| 98 | 88,482 | 88,472 | 88,472 | 88,472 |
| 99 | 88,482 | 88,472 | 88,472 | 88,472 |
| 100 | 88,482 | 88,472 | 88,472 | 88,472 |
| 101 | 88,482 | 88,472 | 88,472 | 88,472 |
| 102 | 88,482 | 88,472 | 88,472 | 88,472 |
| 103 | 88,482 | 88,472 | 88,472 | 88,472 |

| | |
|--|---|
| PROJETA: CLAUDIO JOSÉ QUEIROZ BARROS - ENG. CIVIL - CREA 13.418/DCE | ARQUIVO: 4 - REV. S. O. U. B. A. AREL. 1-55.55_GERAL_R2.DWG |
| ESTACQUEAMENTO E PERFIL LONGITUDINAL | |
| TRECHO: AREIAL A LISIEUX | |
| RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE | |
| PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE | |
| PROJETA: CLAUDIO JOSÉ QUEIROZ BARROS - ENG. CIVIL - CREA 13.418/DCE | ARQUIVO: 4 - REV. S. O. U. B. A. AREL. 1-55.55_GERAL_R2.DWG |


 Prefeitura de
Santa Quitéria


 CLAUDIO JOSÉ QUEIROZ BARROS
 Eng. Civil - CREA 13.418/DCE

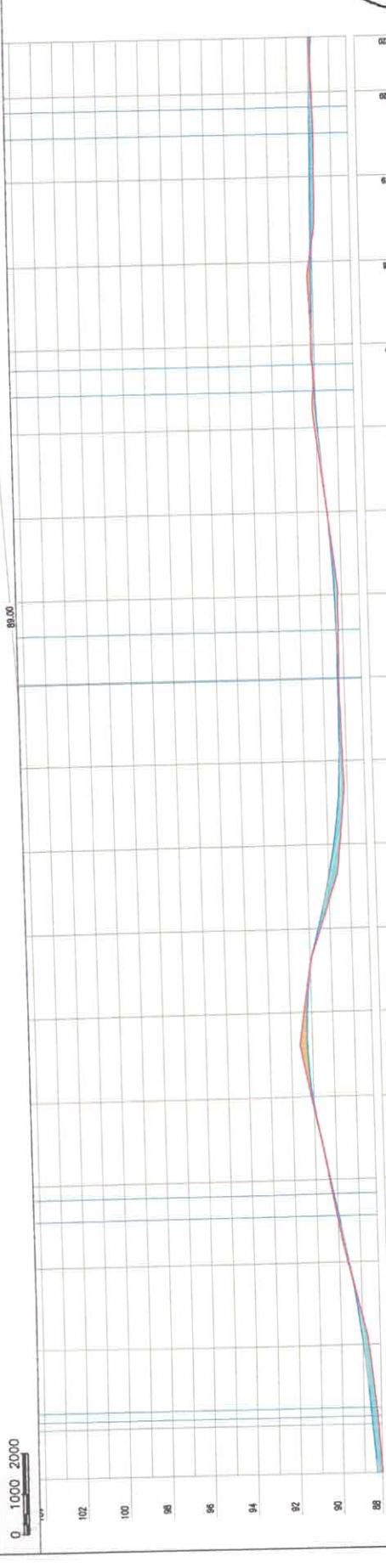
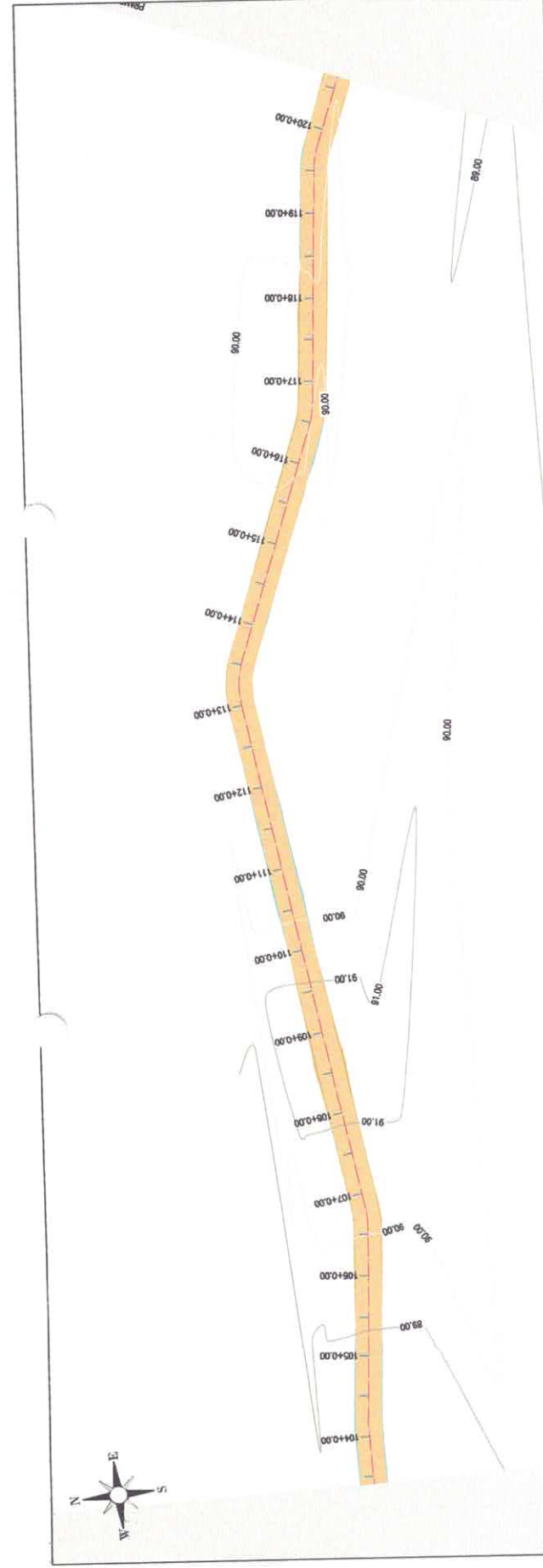
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX

ESTACQUEAMENTO E PERFIL LONGITUDINAL

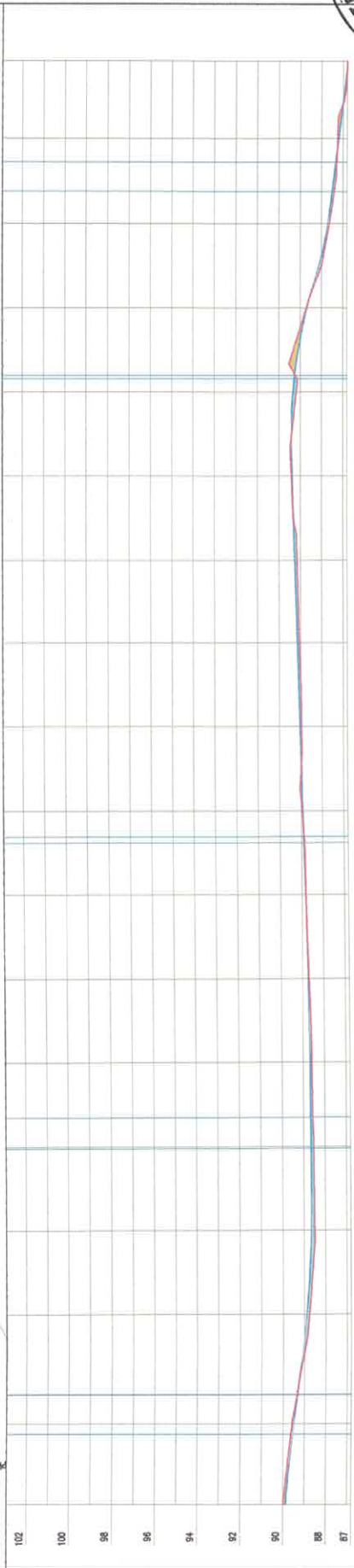
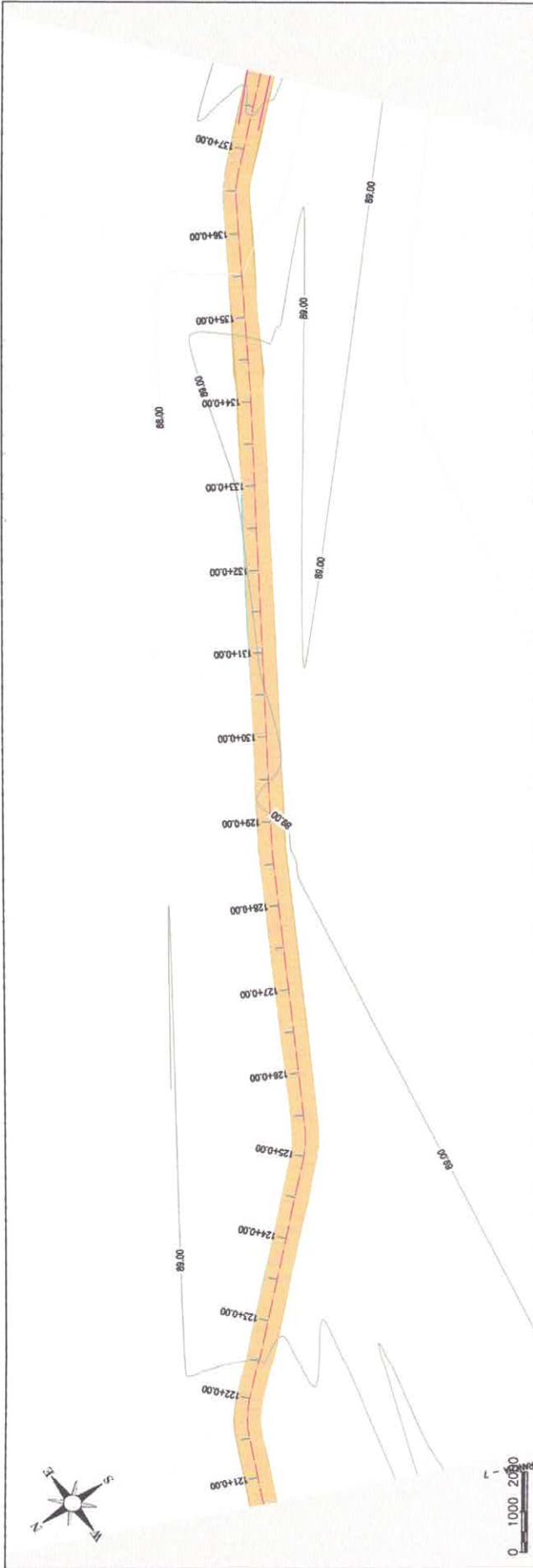
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ARQUIVO: 4 - REV. S. Q. LIS A AREIAL_1-55-55_GECOM_R2.DWG



Cláudio José Queiroz Barrios
10114 BARRIOS PROJETOS
Cláudio José Queiroz Barrios
Engº Civil - CREA 13418/DCE



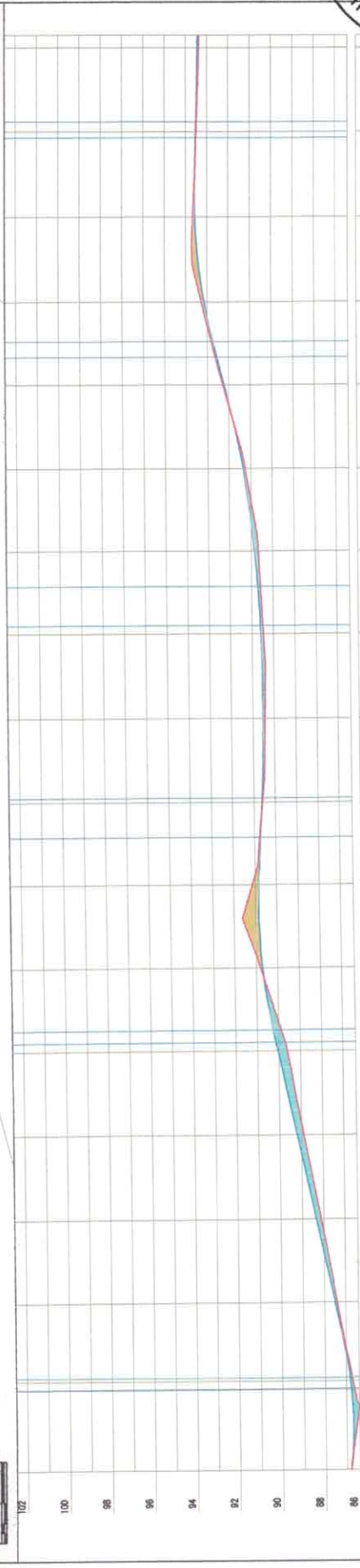
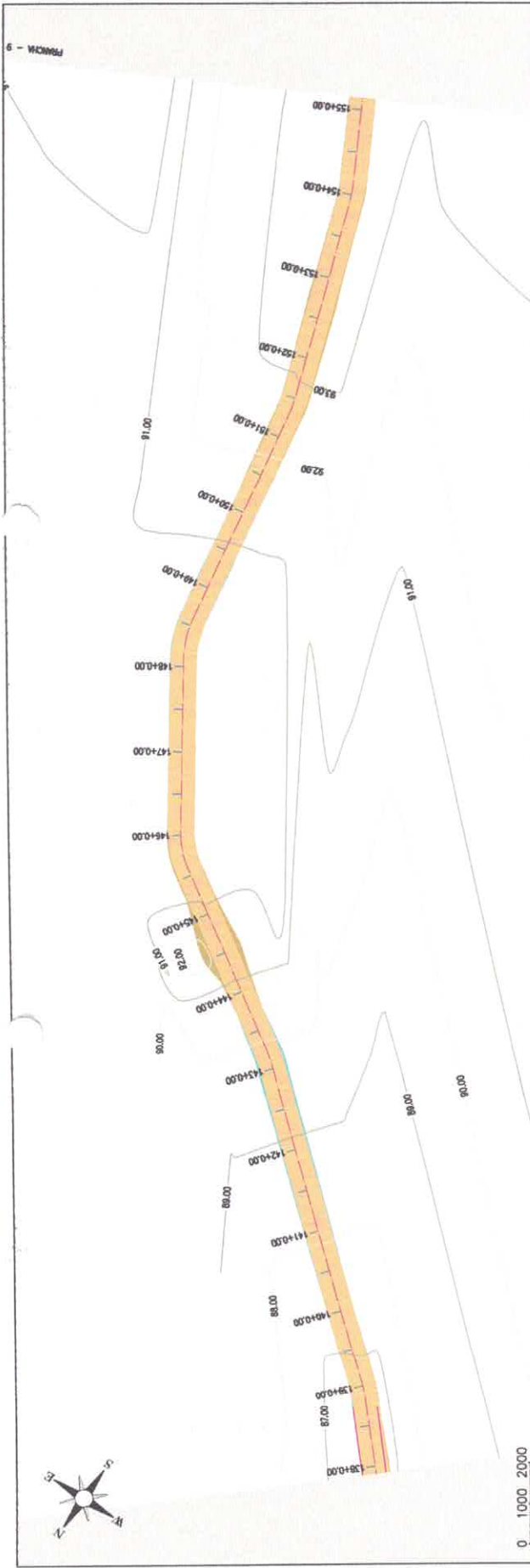
| Estaca | Cota de Referência | Cota de Projeto | Altura |
|--------|--------------------|-----------------|--------|
| 103 | 98.418 | 98.183 | 0.235 |
| 104 | 98.614 | 98.242 | 0.372 |
| 105 | 98.994 | 98.720 | 0.274 |
| 106 | 99.557 | 98.880 | 0.677 |
| 107 | 99.224 | 99.200 | 0.376 |
| 108 | 91.961 | 91.117 | 0.844 |
| 109 | 91.219 | 91.380 | -0.161 |
| 110 | 99.589 | 99.479 | 0.110 |
| 111 | 99.277 | 98.444 | 0.833 |
| 112 | 98.246 | 98.180 | 0.066 |
| 113 | 98.212 | 98.257 | -0.045 |
| 114 | 98.247 | 98.185 | 0.062 |
| 115 | 98.955 | 98.880 | 0.075 |
| 116 | 98.958 | 98.877 | 0.081 |
| 117 | 99.111 | 99.180 | -0.069 |
| 118 | 99.081 | 99.155 | -0.074 |
| 119 | 99.038 | 98.848 | 0.190 |
| 120 | 99.887 | 98.882 | 1.005 |
| 121 | 98.888 | 98.888 | 0.000 |
| 122 | 98.888 | 98.888 | 0.000 |



| Estaca | Cota de Referência | Cota de Projeto | Altura |
|--------|--------------------|-----------------|--------|
| 120 | 00.000 | 00.000 | 0 |
| 121 | 00.000 | 00.000 | 0 |
| 122 | 00.000 | 00.000 | 0 |
| 123 | 00.000 | 00.000 | 0 |
| 124 | 00.000 | 00.000 | 0 |
| 125 | 00.000 | 00.000 | 0 |
| 126 | 00.000 | 00.000 | 0 |
| 127 | 00.000 | 00.000 | 0 |
| 128 | 00.000 | 00.000 | 0 |
| 129 | 00.000 | 00.000 | 0 |
| 130 | 00.000 | 00.000 | 0 |
| 131 | 00.000 | 00.000 | 0 |
| 132 | 00.000 | 00.000 | 0 |
| 133 | 00.000 | 00.000 | 0 |
| 134 | 00.000 | 00.000 | 0 |
| 135 | 00.000 | 00.000 | 0 |
| 136 | 00.000 | 00.000 | 0 |
| 137 | 00.000 | 00.000 | 0 |

PRANCHA: 8 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITÉRIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITÉRIA / CE
 TRECHO: AREIAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: CLAUDIO JOSE QUEROZ BARROS - ENG. CIVIL - CREA 13.4170/CE
 ARQUIVO: 4-REV_S_G_LIS A AREL_1-55.55_GEOAL_R2.DWG

Prefeitura de
Santa Quitéria
 Claudio Jose Queroz Barros
 Eng. Civil - CREA 13.4170/CE



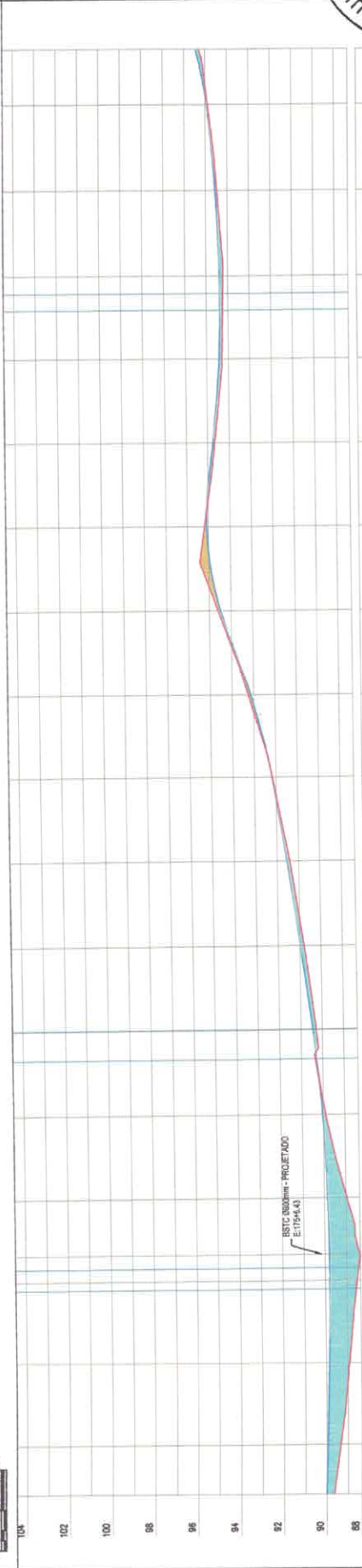
| Estação | Alt. Ex. | Alt. Proj. | Alt. Proj. |
|---------|----------|------------|------------|
| 138+00 | 98,777 | 98,777 | 98,799 |
| 139+00 | 98,823 | 98,823 | 98,898 |
| 140+00 | 97,486 | 97,486 | 97,398 |
| 141+00 | 98,340 | 98,340 | 98,121 |
| 142+00 | 98,193 | 98,193 | 98,950 |
| 143+00 | 90,044 | 90,044 | 90,013 |
| 144+00 | 98,712 | 98,712 | 90,812 |
| 145+00 | 90,834 | 91,141 | 91,141 |
| 146+00 | 90,830 | 90,811 | 90,811 |
| 147+00 | 90,538 | 90,448 | 90,448 |
| 148+00 | 90,392 | 90,479 | 90,479 |
| 149+00 | 90,853 | 90,678 | 90,678 |
| 150+00 | 91,208 | 91,276 | 91,276 |
| 151+00 | 92,294 | 92,380 | 92,380 |
| 152+00 | 93,150 | 93,381 | 93,381 |
| 153+00 | 93,575 | 93,888 | 93,888 |
| 154+00 | 93,300 | 93,672 | 93,672 |
| 155+00 | 93,447 | 93,388 | 93,388 |

PRANCHA: 9 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETISTA: CLÁUDIO JOSÉ QUEIROZ BARROS - ENF. CIVIL - CREA 13.416/DCE
 ARQUIVO: 4 - REV. S. O. LIS A AREL_1-55-55_GEOM_R2.DWG



Cláudio José Queiroz Barros
 JOSE BARROS PROJETOS
 Rua José Queiroz Barros
 CEP 041-100/11432-02

0 1000 2000



| Estação | Altura | Altura | Altura |
|---------|--------|--------|--------|
| 172 | 98,208 | 98,208 | 98,208 |
| 173 | 98,250 | 98,250 | 98,250 |
| 174 | 98,255 | 98,255 | 98,255 |
| 175 | 98,208 | 98,208 | 98,208 |
| 176 | 98,250 | 98,250 | 98,250 |
| 177 | 98,202 | 98,202 | 98,202 |
| 178 | 98,282 | 98,282 | 98,282 |
| 179 | 98,804 | 98,804 | 98,804 |
| 180 | 98,410 | 98,410 | 98,410 |
| 181 | 92,189 | 92,189 | 92,189 |
| 182 | 93,242 | 93,242 | 93,242 |
| 183 | 94,590 | 94,590 | 94,590 |
| 184 | 95,100 | 95,100 | 95,100 |
| 185 | 94,627 | 94,627 | 94,627 |
| 186 | 94,763 | 94,763 | 94,763 |
| 187 | 94,291 | 94,291 | 94,291 |
| 188 | 94,210 | 94,210 | 94,210 |
| 189 | 94,877 | 94,877 | 94,877 |
| 190 | 94,200 | 94,200 | 94,200 |
| 191 | 95,210 | 95,210 | 95,210 |
| 192 | 94,827 | 94,827 | 94,827 |
| 193 | 94,200 | 94,200 | 94,200 |
| 194 | 95,600 | 95,600 | 95,600 |
| 195 | 95,210 | 95,210 | 95,210 |


PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX

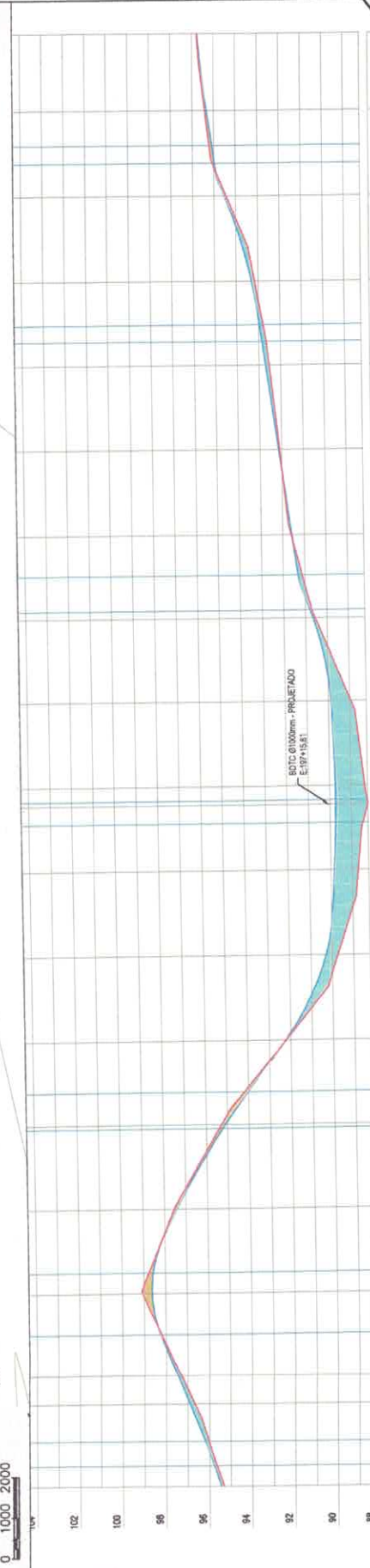
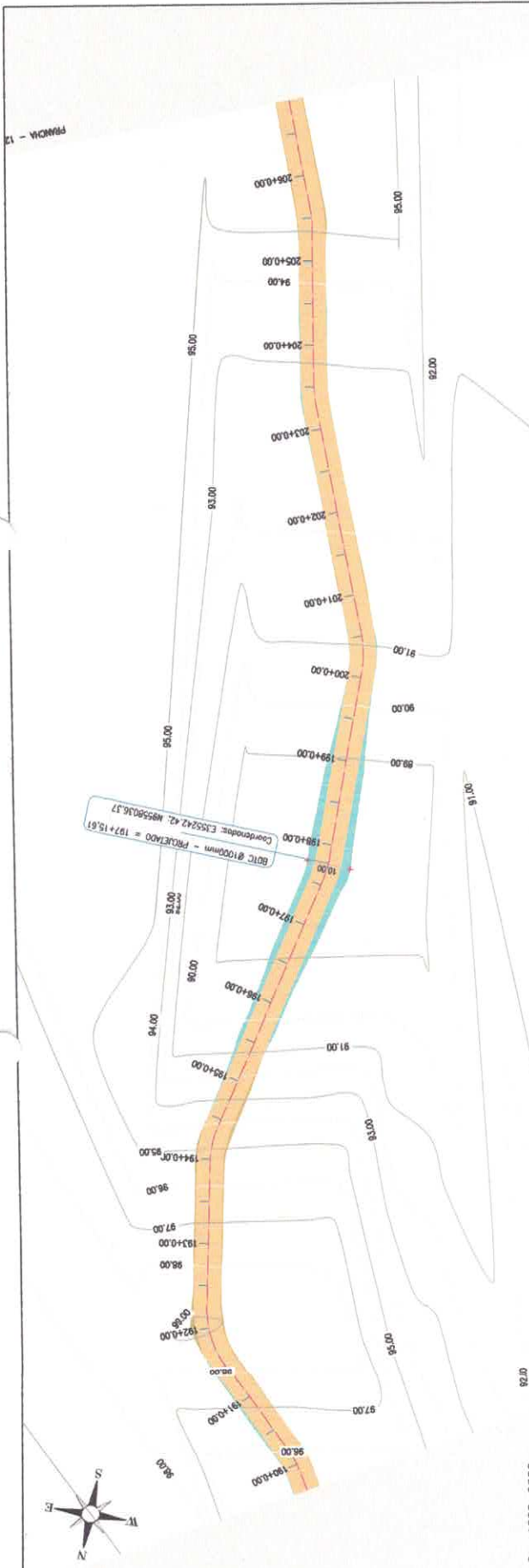
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETADE: CLAUDIO JOSE QUEIROZ BARROS - ENGRº CIVIL - CREA 13.119/DCE
ARQUIVO: 4 - REV. S. O. LIS A AREIAL - 1-55.55_GEOAL_REL.DWG

FRANQUÍIA: **11 / 55**
ESCALA: **1/1000**


 Prefeitura de
Santa Quitéria


 CLAUDIO JOSE QUEIROZ BARROS
 ENGRº CIVIL - CREA 13.119/DCE

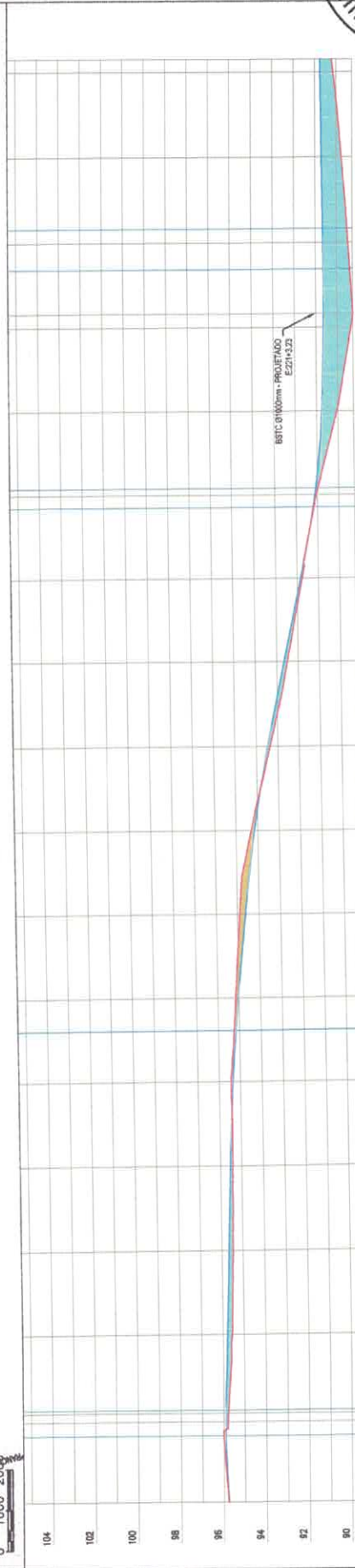
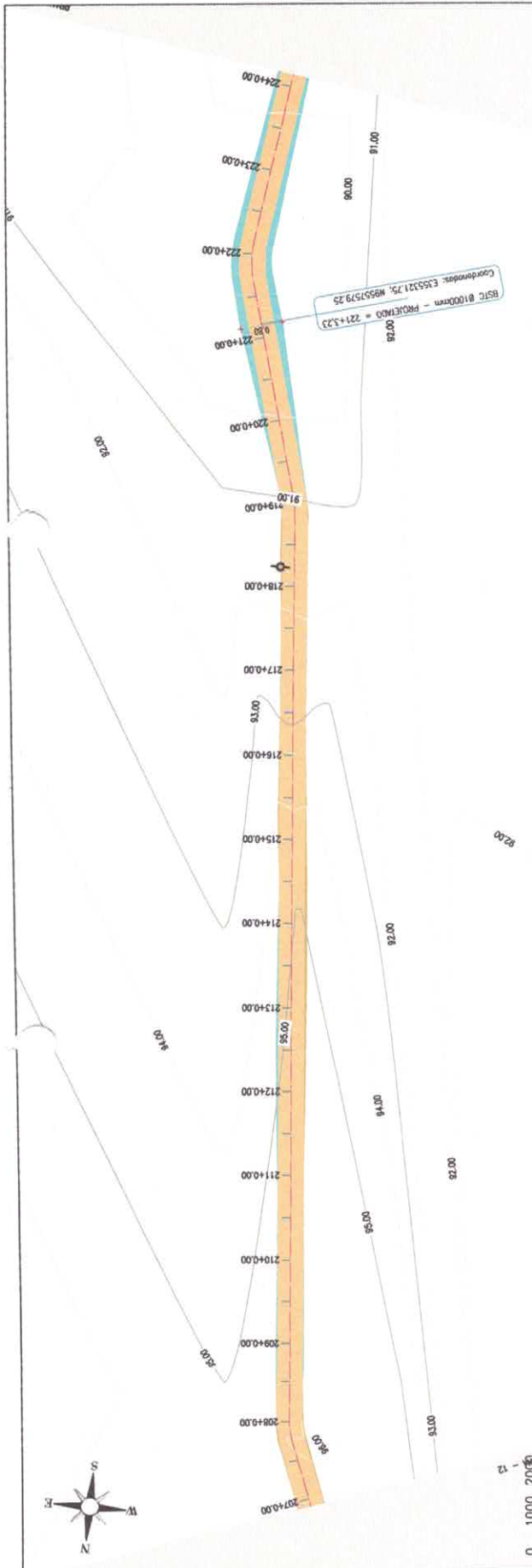


| Estação | Alt. Ex. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. | Alt. Proj. |
|----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 180+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 181+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 182+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 183+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 184+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 185+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 186+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 187+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 188+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 189+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 190+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 191+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 192+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 193+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 194+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 195+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 196+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 197+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 198+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 199+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 200+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 201+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 202+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 203+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 204+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 205+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |
| 206+0.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 | 96.00 |

PRANCHAS: 12 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETISTA: CLAUDIO JOSE QUEIROZ BARROS - ENO CIVIL - CREA 13.419/0CE
 ARQUIVO: 4-REV_E_0_LISA_AREI_1-55_55_GEOM_RED.WGS



Cláudio José Queiroz Barros
 1014 BARROS PROJETOS
 Rua José Manoel dos
 Santos, 100 - JARDIM
 897-041-000 (14) 33 01 01



| Estação | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo | Cota de Cálculo |
|---------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 205 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 | 95,776 |
| 206 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 | 95,792 |
| 207 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 |
| 208 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 | 95,558 |
| 209 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 | 95,773 |
| 210 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 | 95,669 |
| 211 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 | 95,421 |
| 212 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 | 95,442 |
| 213 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 | 95,160 |
| 214 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 | 94,901 |
| 215 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 | 94,207 |
| 216 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 | 93,282 |
| 217 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 | 92,697 |
| 218 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 | 91,767 |
| 219 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 | 91,002 |
| 220 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 | 90,091 |
| 221 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 | 89,347 |
| 222 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 | 88,499 |
| 223 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 | 88,791 |
| 224 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 |
| 225 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 | 88,212 |
| 226 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 | 88,143 |

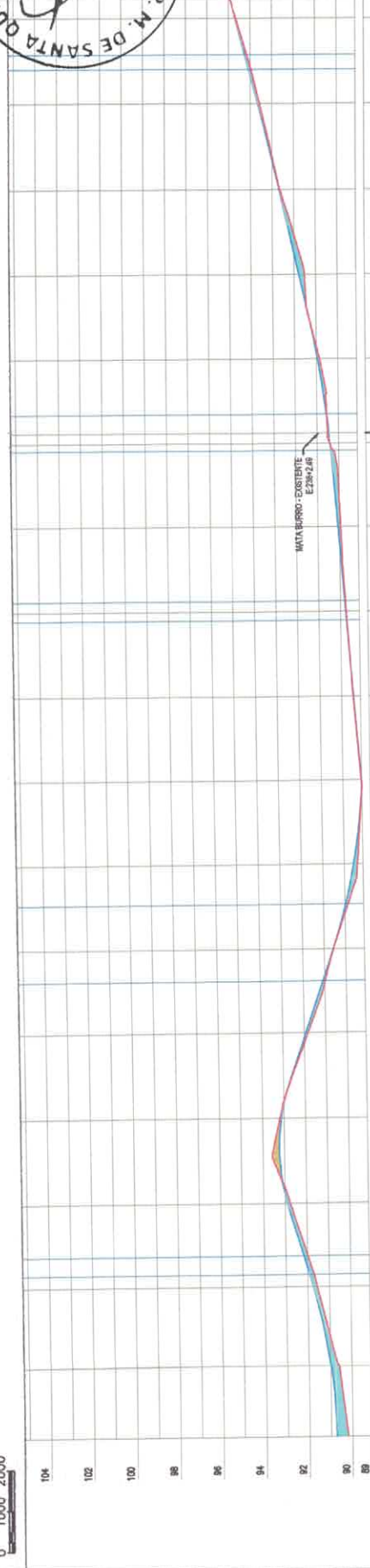
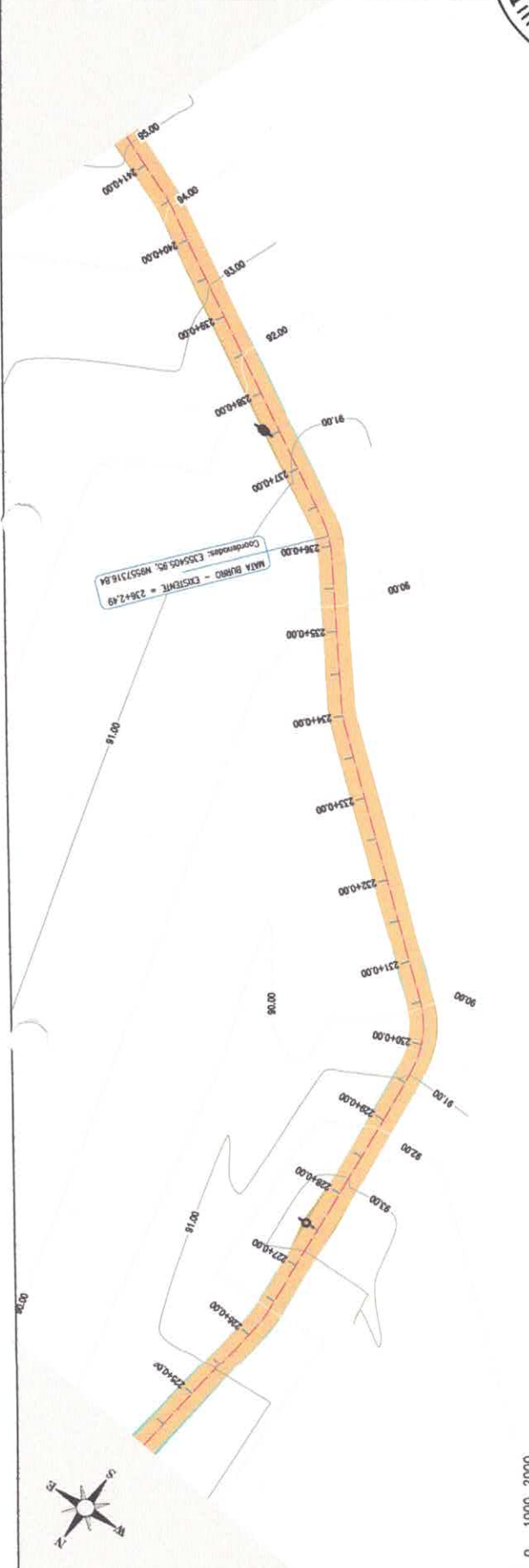
FRANCHA: 13 / 55
 ESCALA: 1/1000

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX

ESTAQUEAMENTO E PERFIL LONGITUDINAL
 CLAUDIO JOSE QUERES BARROS - BNG CIVIL - CREA 13.140/CE
 4 - REV. S. Q. LIS A AREAL 1-55-55_BCOM_P2.DWG

Projeto de Santa Quitéria


Cláudio José Barros
 1005 BARROS PROTÓTIPOS
 Casas José Queres Barros
 Eng. Civil - CREA 13/10/03




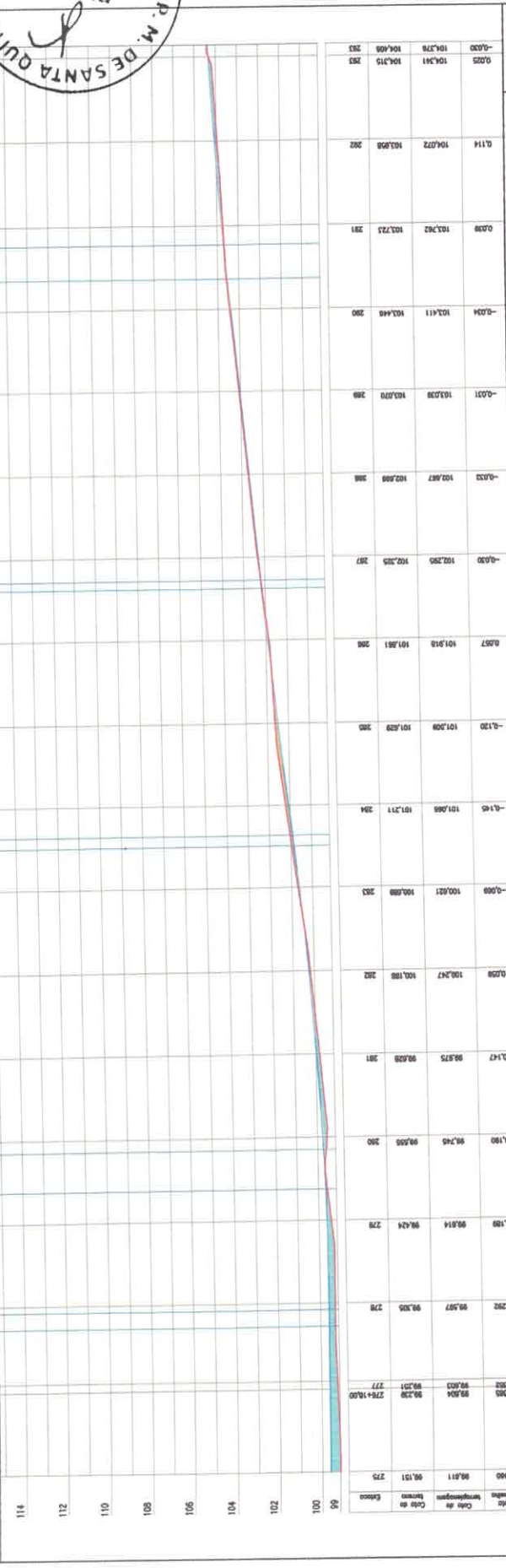
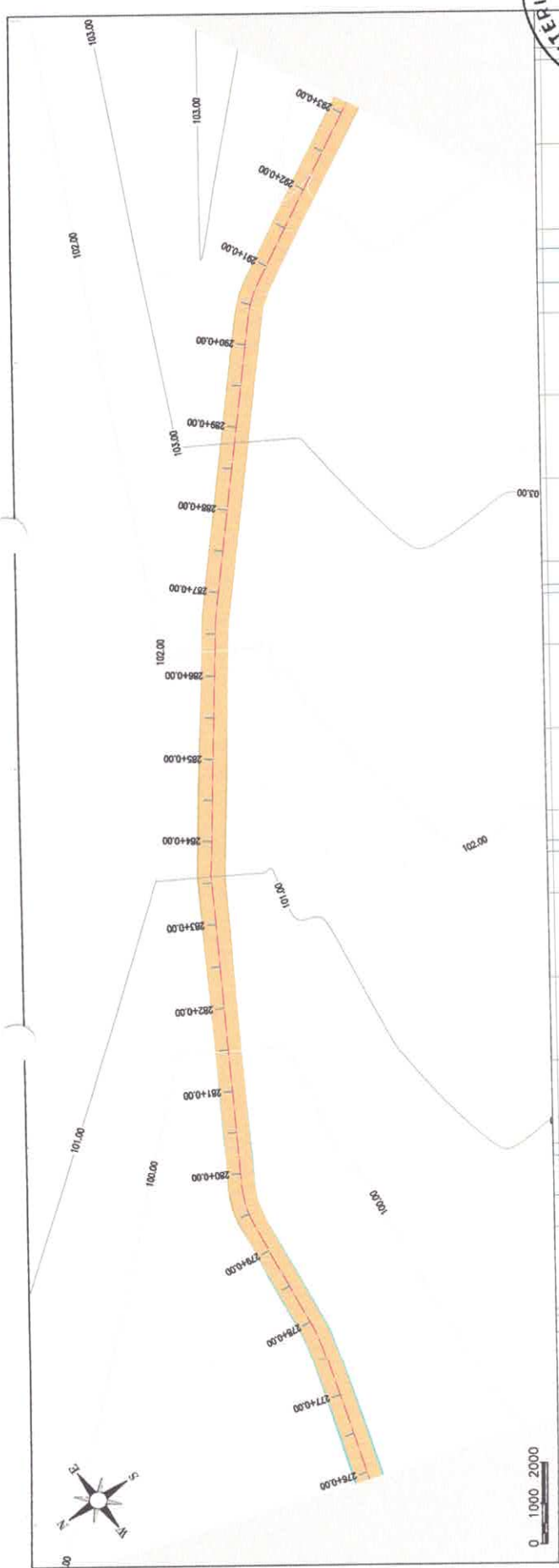
| Estação | Altura (m) | Altura (m) |
|---------|------------|------------|
| 224+00 | 90,415 | 90,512 |
| 225+00 | 90,870 | 90,613 |
| 226+00 | 91,247 | 91,253 |
| 227+00 | 92,894 | 92,752 |
| 228+00 | 93,170 | 93,180 |
| 229+00 | 91,820 | 91,820 |
| 230+00 | 91,917 | 91,820 |
| 231+00 | 90,585 | 90,585 |
| 232+00 | 90,000 | 90,000 |
| 233+00 | 89,447 | 89,447 |
| 234+00 | 89,790 | 89,790 |
| 235+00 | 89,853 | 89,853 |
| 236+00 | 89,450 | 89,450 |
| 237+00 | 89,516 | 89,516 |
| 238+00 | 89,227 | 89,227 |
| 239+00 | 89,871 | 89,871 |
| 240+00 | 89,808 | 89,808 |
| 241+00 | 89,704 | 89,704 |

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREAL A LISIEUX
ESTAQUEAMENTO E PERFIL LONGITUDINAL

ESCALA: 1/1000
 PROJETA: CLAUDIO JOSE QUEIROZ BARRIOS - ENGT CIVIL - CREA 13.419/0CE
 ARQUIVO: 4 - REV. S. O. LUIS A. ARELLANO - 155.55 - GEOM. PLANO


 Prefeitura de Santa Quitéria


 CLAUDIO JOSE QUEIROZ BARRIOS
 ENGT CIVIL - CREA 13.419/0CE



| Estaca | Alt. do terreno | Alt. da cota | Qtd. de metros | Qtd. de Estaca |
|--------|-----------------|--------------|----------------|----------------|
| 276+00 | 99,151 | 99,151 | 276 | 276 |
| 277+00 | 99,151 | 99,151 | 277 | 277 |
| 278+00 | 99,204 | 99,204 | 278 | 278 |
| 279+00 | 99,204 | 99,204 | 279 | 279 |
| 280+00 | 99,204 | 99,204 | 280 | 280 |
| 281+00 | 99,204 | 99,204 | 281 | 281 |
| 282+00 | 99,204 | 99,204 | 282 | 282 |
| 283+00 | 99,204 | 99,204 | 283 | 283 |
| 284+00 | 99,204 | 99,204 | 284 | 284 |
| 285+00 | 99,204 | 99,204 | 285 | 285 |
| 286+00 | 99,204 | 99,204 | 286 | 286 |
| 287+00 | 99,204 | 99,204 | 287 | 287 |
| 288+00 | 99,204 | 99,204 | 288 | 288 |
| 289+00 | 99,204 | 99,204 | 289 | 289 |
| 290+00 | 99,204 | 99,204 | 290 | 290 |
| 291+00 | 99,204 | 99,204 | 291 | 291 |
| 292+00 | 99,204 | 99,204 | 292 | 292 |
| 293+00 | 99,204 | 99,204 | 293 | 293 |

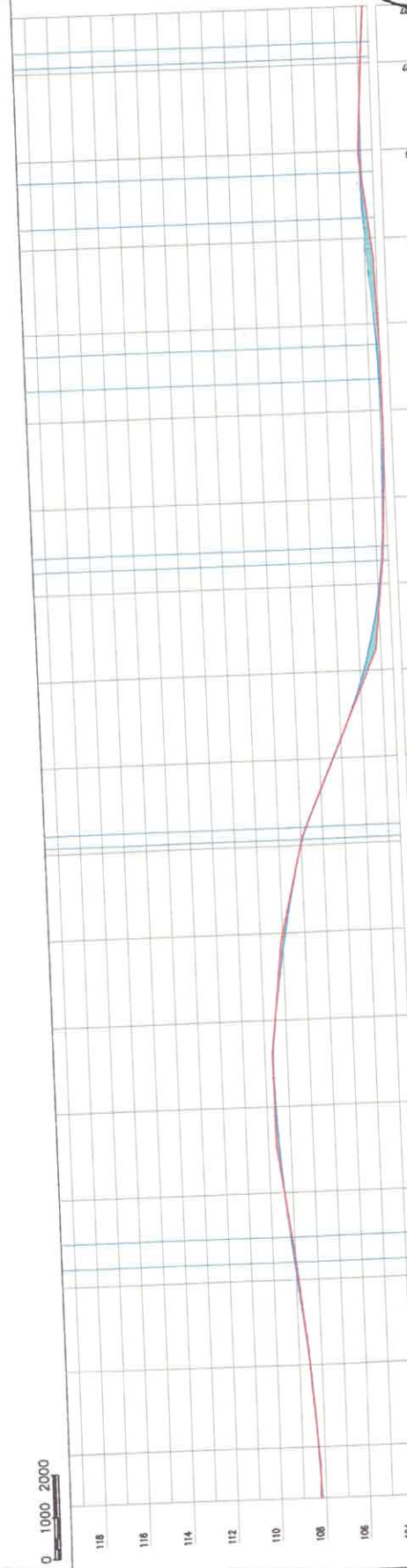
FRANCHA: 17 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETISTA: CLAUDIO JOSE QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.418/DCE
 ARQUIVO: 4-REV_S_Q_LIS A AREAL-1-55.55_GEOM_R2.DWG



Cláudio José Queiroz Barrios
 1076 BARRIOS PROJETOS
 Cláudio José Queiroz Barrios
 Eng. Civil - CREA 13.418/DCE



0 1000 2000



| Estaca | Cota de Referência | Cota da Estrada | Altura |
|--------|--------------------|-----------------|--------|
| 310 | 108,236 | 108,140 | -0,096 |
| 311 | 108,278 | 108,278 | 0,000 |
| 312 | 108,530 | 108,537 | -0,007 |
| 313 | 108,490 | 108,899 | -0,407 |
| 314 | 108,382 | 108,380 | 0,003 |
| 315 | 108,619 | 108,602 | -0,017 |
| 316 | 108,482 | 108,487 | -0,006 |
| 317 | 108,803 | 108,997 | -0,116 |
| 318 | 108,017 | 108,020 | -0,003 |
| 319 | 108,309 | 108,303 | -0,014 |
| 320 | 104,828 | 104,830 | -0,002 |
| 321 | 103,923 | 103,921 | 0,002 |
| 322 | 103,829 | 103,981 | -0,152 |
| 323 | 103,590 | 103,479 | 0,111 |
| 324 | 103,688 | 103,581 | 0,107 |
| 325 | 103,976 | 103,700 | 0,276 |
| 326 | 104,075 | 104,133 | -0,058 |
| 327 | 103,882 | 103,885 | -0,003 |
| 328 | 103,719 | 103,716 | 0,003 |

PRANÇIA: 19 / 55

ESCALA: 1/1000

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE

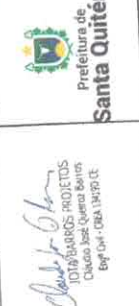
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE

TRECHO: AREAL A LISIEUX

ESTEAQUEAMENTO E PERFIL LONGITUDINAL

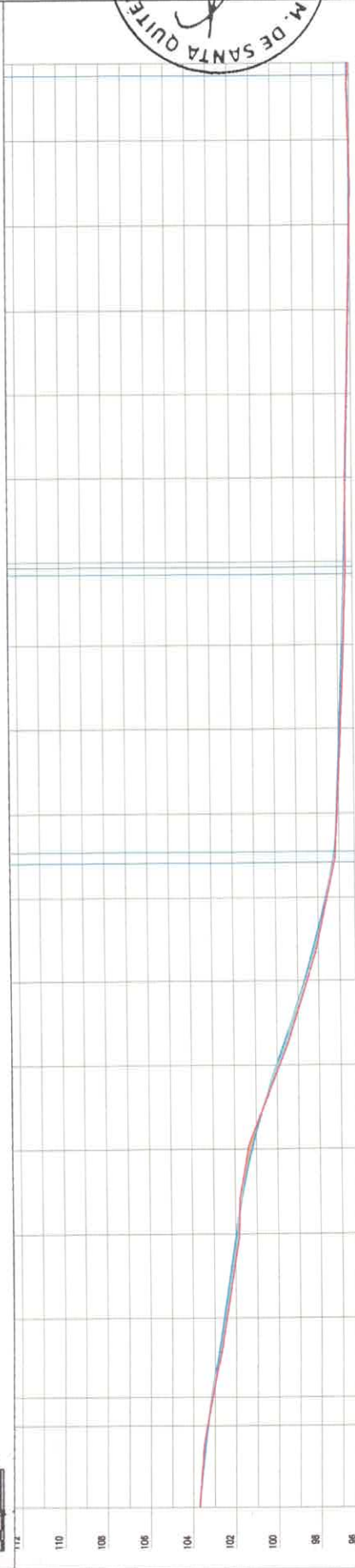
PROJETISTA: CLAUDIO JOSE QUEIROZ BARROS - ENGº CNIL - CREA 13.419/DCE

ARQUIVO: 4 - REV. 0. LIS A AREL 1-55.55_GEOM_R2.DWG



Claudio Jose Queiroz Barros

1019 BARROS PROJETOS
 Claudio Jose Queiroz Barros
 Eng. Civil - CREA 13419/DCE



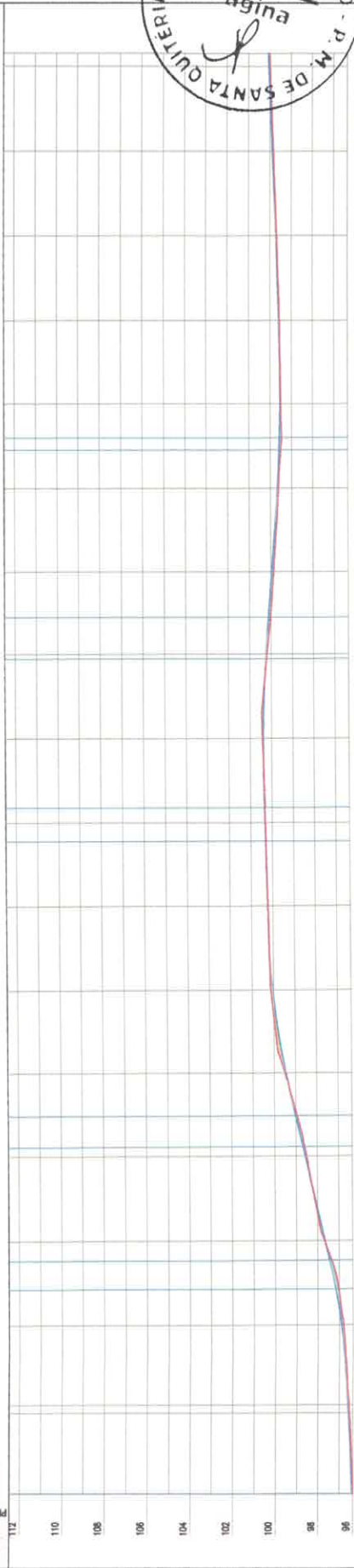
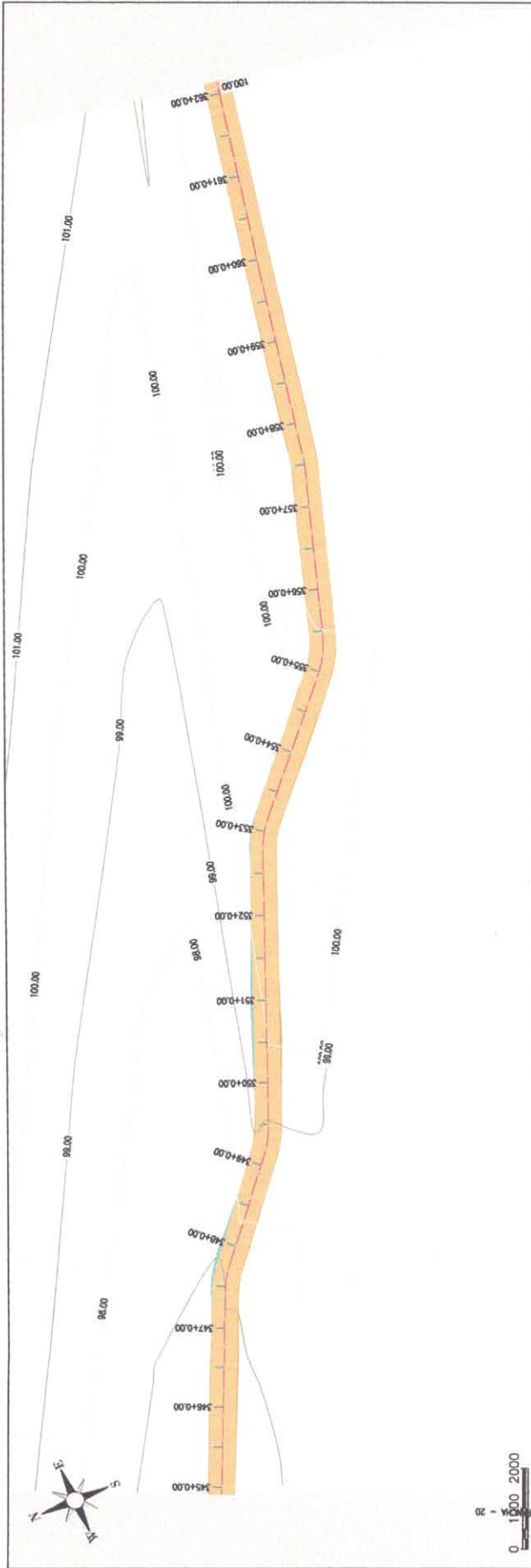
| Chis | Chis de | Chis de | Chis de |
|--------|---------|---------|-----------|
| metros | estaca | estaca | estaca |
| -0.001 | 103,715 | 103,716 | 327 |
| -0.016 | 103,207 | 103,245 | 328+13,00 |
| 0.046 | 103,150 | 103,104 | 329 |
| 0.132 | 102,567 | 102,524 | 330 |
| 0.138 | 101,274 | 101,234 | 331 |
| -0.185 | 101,198 | 101,203 | 332 |
| 0.151 | 100,524 | 99,873 | 333 |
| 0.128 | 98,982 | 98,953 | 334 |
| 0.064 | 97,845 | 97,281 | 335 |
| 0.020 | 97,100 | 97,090 | 336 |
| 0.002 | 96,320 | 96,287 | 337 |
| 0.083 | 96,789 | 96,716 | 338 |
| 0.089 | 96,868 | 96,268 | 339 |
| -0.025 | 96,964 | 96,588 | 340 |
| -0.009 | 96,679 | 96,488 | 341 |
| -0.001 | 96,394 | 96,305 | 342 |
| 0.013 | 96,322 | 96,205 | 343 |
| -0.002 | 96,337 | 96,209 | 344 |
| 0.048 | 96,402 | 96,257 | 344 |

PRANCHA: 20 / 55
 ESCALA: 1/1000
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 TRECCHO: AREAL A LISIEUX
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 PROJETOISTA: CLÁUDIO JOSÉ QUEIROZ BARROS - ENG. CIVIL - CREA 13.116/DCE
 ARQUIVO: 4 - REV. S. O. LIS A AREL_1-55_55_GEOM_P2.DWG

Prefeitura de Santa Quitéria

Cláudio José Queiroz Barros
 CLÁUDIO JOSÉ QUEIROZ BARROS
 Eng. Civil - CREA 13.116/DCE

0 1.000 2.000





| DATA | DESCRIÇÃO | ESTAC. | ALTIMETRIA | PROFUNDIDADE | PROFUNDIDADE | PROFUNDIDADE |
|-------|-----------|---------|------------|--------------|--------------|--------------|
| 04/8 | 04.622 | 96.537 | 344 | | | |
| 04/8 | 04.589 | 96.525 | 343+10.00 | | | |
| 04/8 | 04.591 | 96.520 | 343 | | | |
| 04/8 | 04.588 | 96.795 | 347 | | | |
| 04/8 | 04.585 | 97.685 | 348 | | | |
| 04/8 | 04.587 | 98.513 | 349 | | | |
| 04/8 | 04.600 | 98.500 | 300 | | | |
| -04/8 | 100.077 | 100.127 | 301 | | | |
| 04/8 | 100.233 | 100.277 | 302 | | | |
| 04/8 | 100.333 | 100.308 | 303 | | | |
| -04/1 | 100.383 | 100.424 | 304 | | | |
| 04/1 | 100.243 | 100.193 | 305 | | | |
| 04/8 | 98.833 | 99.957 | 306 | | | |
| 04/8 | 98.870 | 99.823 | 307 | | | |
| 04/8 | 98.540 | 98.203 | 308 | | | |
| 04/8 | 98.505 | 98.567 | 309 | | | |
| 04/8 | 98.700 | 98.884 | 310 | | | |
| 04/7 | 98.878 | 98.831 | 311 | | | |
| 04/2 | 100.005 | 98.891 | 312 | | | |
| 04/2 | 100.079 | 100.015 | 312 | | | |

FRANCHA:
21 / 55
 ESCALA:
 1/1000

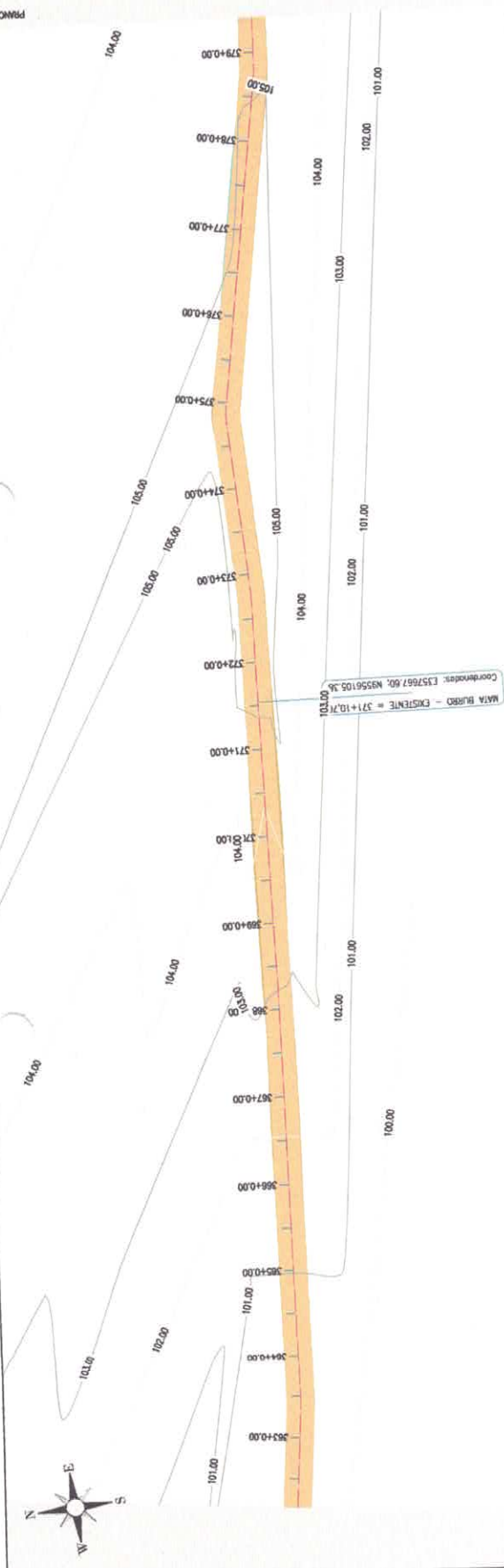
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA:
 CLAUDIO JOSÉ GUERREZ BARRIOS - ENGT CIVIL - CREA 13.1418/CE
 ARQUIVO:
 4 - REV. S. O. LIS A AREAL_1-55_95_SECOM_R2.DWG

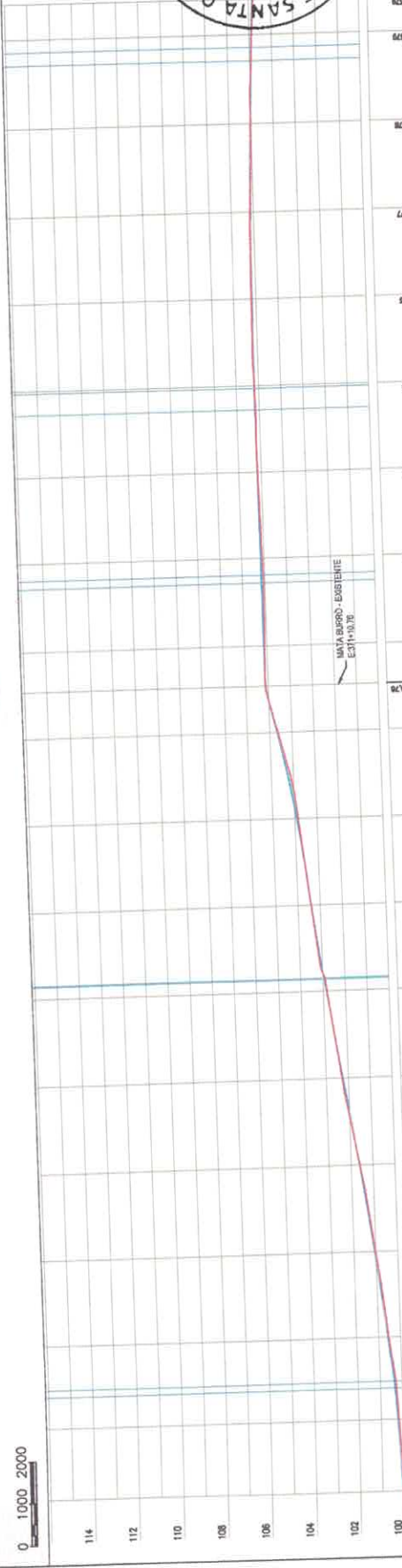

 Prefeitura de
Santa Quitéria


 CLAUDIO JOSÉ GUERREZ BARRIOS
 ENGT CIVIL - CREA 13.1418/CE

PRMCM - 22



0 1.000 2.000



| Data de Criação do Projeto | Data de Atualização | Estação | Altura (m) | Estação | Altura (m) |
|----------------------------|---------------------|---------|------------|---------|------------|
| 0094 | 1000/79 | 100,015 | 282 | | |
| 0098 | 100,252 | 100,202 | 283 | | |
| 0030 | 100,588 | 100,500 | 284 | | |
| 0030 | 101,257 | 101,018 | 285 | | |
| 0012 | 101,812 | 101,600 | 288 | | |
| 0042 | 102,252 | 102,294 | 287 | | |
| 0046 | 102,881 | 102,800 | 288 | | |
| 0004 | 103,467 | 103,411 | 288 | | |
| 0007 | 103,915 | 103,848 | 270 | | |
| 0034 | 104,684 | 104,620 | 271 | | |
| 0025 | 105,187 | 105,131 | 271+10,76 | | |
| 0029 | 105,135 | 105,086 | 272 | | |
| 0071 | 105,154 | 105,082 | 273 | | |
| 0010 | 105,172 | 105,162 | 274 | | |
| 0007 | 105,190 | 105,189 | 275 | | |
| -0,004 | 105,183 | 105,208 | 276 | | |
| -0,021 | 105,128 | 105,149 | 277 | | |
| 0,003 | 105,038 | 105,025 | 278 | | |
| 0,010 | 104,895 | 104,883 | 279 | | |
| 0,012 | 104,821 | 104,808 | 279 | | |

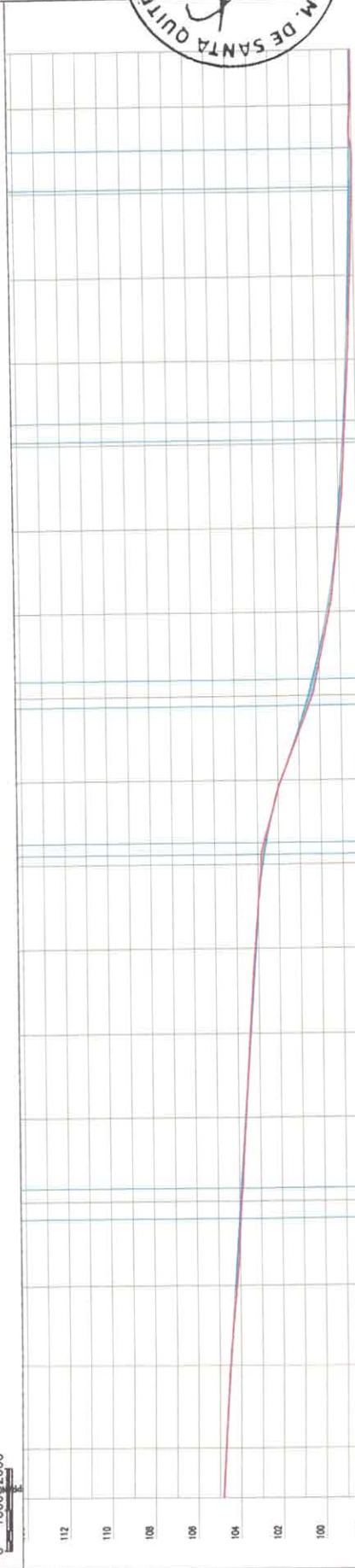
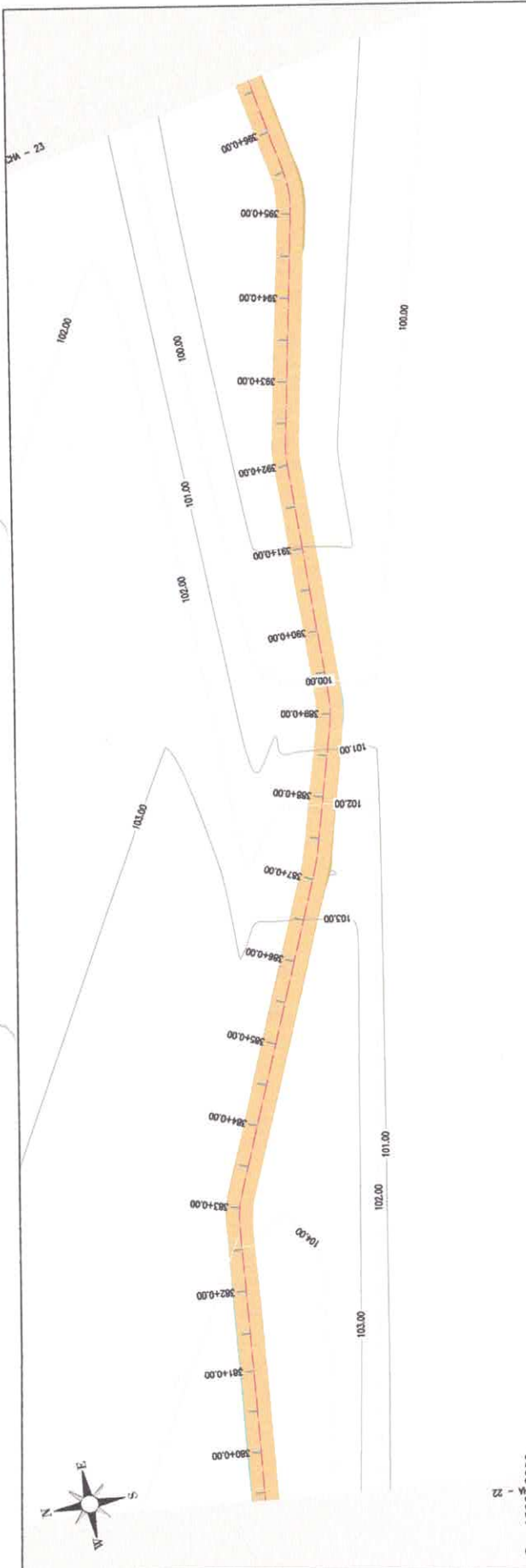
FRANQUIA:
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX

ESCALA:
1/1000

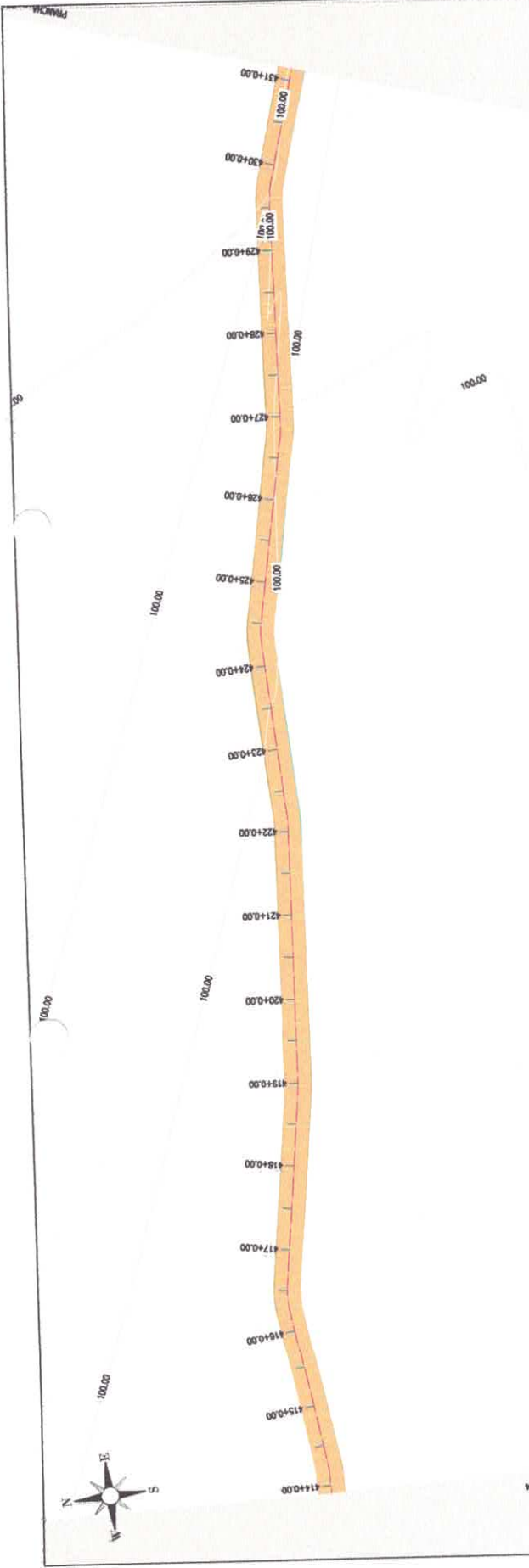
PROJETA: CLAUDIO JOSE QUEIROZ BARROS - ENG CIVIL - CREA 13.4180/CE
ARQUIVO: 4 - REV. S. O. LIS A AREIAL - 56.55 - GEOM_LIS.DWG



Cláudio José Queiroz Barros
CLAUDIO JOSE QUEIROZ BARROS
CALLE JOSE QUEIROZ BARROS
ENG CIVIL - CREA 13.4180/CE



| Estaca | Altura | Estaca | Altura | Estaca | Altura | Estaca | Altura | Estaca | Altura | Estaca | Altura | Estaca | Altura | Estaca | Altura |
|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|
| 379 | 104,008 | 380 | 104,705 | 381 | 104,880 | 382 | 104,233 | 383 | 103,957 | 384 | 103,661 | 385 | 103,405 | 386 | 103,128 |
| 386 | 102,802 | 387 | 102,796 | 388 | 101,872 | 389 | 100,541 | 390 | 99,558 | 391 | 98,000 | 392 | 96,754 | 393 | 95,833 |
| 394 | 95,204 | 395 | 94,194 | 396 | 92,995 | 397 | 91,595 | 398 | 90,087 | 399 | 88,400 | 400 | 86,500 | 401 | 84,300 |
| 402 | 82,000 | 403 | 80,000 | 404 | 78,000 | 405 | 76,000 | 406 | 74,000 | 407 | 72,000 | 408 | 70,000 | 409 | 68,000 |
| 410 | 66,000 | 411 | 64,000 | 412 | 62,000 | 413 | 60,000 | 414 | 58,000 | 415 | 56,000 | 416 | 54,000 | 417 | 52,000 |
| 418 | 50,000 | 419 | 48,000 | 420 | 46,000 | 421 | 44,000 | 422 | 42,000 | 423 | 40,000 | 424 | 38,000 | 425 | 36,000 |
| 426 | 34,000 | 427 | 32,000 | 428 | 30,000 | 429 | 28,000 | 430 | 26,000 | 431 | 24,000 | 432 | 22,000 | 433 | 20,000 |
| 434 | 18,000 | 435 | 16,000 | 436 | 14,000 | 437 | 12,000 | 438 | 10,000 | 439 | 8,000 | 440 | 6,000 | 441 | 4,000 |
| 442 | 2,000 | 443 | 0,000 | 444 | -2,000 | 445 | -4,000 | 446 | -6,000 | 447 | -8,000 | 448 | -10,000 | 449 | -12,000 |
| 450 | -14,000 | 451 | -16,000 | 452 | -18,000 | 453 | -20,000 | 454 | -22,000 | 455 | -24,000 | 456 | -26,000 | 457 | -28,000 |
| 458 | -30,000 | 459 | -32,000 | 460 | -34,000 | 461 | -36,000 | 462 | -38,000 | 463 | -40,000 | 464 | -42,000 | 465 | -44,000 |
| 466 | -46,000 | 467 | -48,000 | 468 | -50,000 | 469 | -52,000 | 470 | -54,000 | 471 | -56,000 | 472 | -58,000 | 473 | -60,000 |
| 474 | -62,000 | 475 | -64,000 | 476 | -66,000 | 477 | -68,000 | 478 | -70,000 | 479 | -72,000 | 480 | -74,000 | 481 | -76,000 |
| 482 | -78,000 | 483 | -80,000 | 484 | -82,000 | 485 | -84,000 | 486 | -86,000 | 487 | -88,000 | 488 | -90,000 | 489 | -92,000 |
| 490 | -94,000 | 491 | -96,000 | 492 | -98,000 | 493 | -100,000 | 494 | -102,000 | 495 | -104,000 | 496 | -106,000 | 497 | -108,000 |
| 498 | -110,000 | 499 | -112,000 | 500 | -114,000 | 501 | -116,000 | 502 | -118,000 | 503 | -120,000 | 504 | -122,000 | 505 | -124,000 |
| 506 | -126,000 | 507 | -128,000 | 508 | -130,000 | 509 | -132,000 | 510 | -134,000 | 511 | -136,000 | 512 | -138,000 | 513 | -140,000 |
| 514 | -142,000 | 515 | -144,000 | 516 | -146,000 | 517 | -148,000 | 518 | -150,000 | 519 | -152,000 | 520 | -154,000 | 521 | -156,000 |
| 522 | -158,000 | 523 | -160,000 | 524 | -162,000 | 525 | -164,000 | 526 | -166,000 | 527 | -168,000 | 528 | -170,000 | 529 | -172,000 |
| 530 | -174,000 | 531 | -176,000 | 532 | -178,000 | 533 | -180,000 | 534 | -182,000 | 535 | -184,000 | 536 | -186,000 | 537 | -188,000 |
| 538 | -190,000 | 539 | -192,000 | 540 | -194,000 | 541 | -196,000 | 542 | -198,000 | 543 | -200,000 | 544 | -202,000 | 545 | -204,000 |
| 546 | -206,000 | 547 | -208,000 | 548 | -210,000 | 549 | -212,000 | 550 | -214,000 | 551 | -216,000 | 552 | -218,000 | 553 | -220,000 |
| 554 | -222,000 | 555 | -224,000 | 556 | -226,000 | 557 | -228,000 | 558 | -230,000 | 559 | -232,000 | 560 | -234,000 | 561 | -236,000 |
| 562 | -238,000 | 563 | -240,000 | 564 | -242,000 | 565 | -244,000 | 566 | -246,000 | 567 | -248,000 | 568 | -250,000 | 569 | -252,000 |
| 570 | -254,000 | 571 | -256,000 | 572 | -258,000 | 573 | -260,000 | 574 | -262,000 | 575 | -264,000 | 576 | -266,000 | 577 | -268,000 |
| 578 | -270,000 | 579 | -272,000 | 580 | -274,000 | 581 | -276,000 | 582 | -278,000 | 583 | -280,000 | 584 | -282,000 | 585 | -284,000 |
| 586 | -286,000 | 587 | -288,000 | 588 | -290,000 | 589 | -292,000 | 590 | -294,000 | 591 | -296,000 | 592 | -298,000 | 593 | -300,000 |
| 594 | -302,000 | 595 | -304,000 | 596 | -306,000 | 597 | -308,000 | 598 | -310,000 | 599 | -312,000 | 600 | -314,000 | 601 | -316,000 |
| 602 | -318,000 | 603 | -320,000 | 604 | -322,000 | 605 | -324,000 | 606 | -326,000 | 607 | -328,000 | 608 | -330,000 | 609 | -332,000 |
| 610 | -334,000 | 611 | -336,000 | 612 | -338,000 | 613 | -340,000 | 614 | -342,000 | 615 | -344,000 | 616 | -346,000 | 617 | -348,000 |
| 618 | -350,000 | 619 | -352,000 | 620 | -354,000 | 621 | -356,000 | 622 | -358,000 | 623 | -360,000 | 624 | -362,000 | 625 | -364,000 |
| 626 | -366,000 | 627 | -368,000 | 628 | -370,000 | 629 | -372,000 | 630 | -374,000 | 631 | -376,000 | 632 | -378,000 | 633 | -380,000 |
| 634 | -382,000 | 635 | -384,000 | 636 | -386,000 | 637 | -388,000 | 638 | -390,000 | 639 | -392,000 | 640 | -394,000 | 641 | -396,000 |
| 642 | -398,000 | 643 | -400,000 | 644 | -402,000 | 645 | -404,000 | 646 | -406,000 | 647 | -408,000 | 648 | -410,000 | 649 | -412,000 |
| 650 | -414,000 | 651 | -416,000 | 652 | -418,000 | 653 | -420,000 | 654 | -422,000 | 655 | -424,000 | 656 | -426,000 | 657 | -428,000 |
| 658 | -430,000 | 659 | -432,000 | 660 | -434,000 | 661 | -436,000 | 662 | -438,000 | 663 | -440,000 | 664 | -442,000 | 665 | -444,000 |
| 666 | -446,000 | 667 | -448,000 | 668 | -450,000 | 669 | -452,000 | 670 | -454,000 | 671 | -456,000 | 672 | -458,000 | 673 | -460,000 |
| 674 | -462,000 | 675 | -464,000 | 676 | -466,000 | 677 | -468,000 | 678 | -470,000 | 679 | -472,000 | 680 | -474,000 | 681 | -476,000 |
| 682 | -478,000 | 683 | -480,000 | 684 | -482,000 | 685 | -484,000 | 686 | -486,000 | 687 | -488,000 | 688 | -490,000 | 689 | -492,000 |
| 690 | -494,000 | 691 | -496,000 | 692 | -498,000 | 693 | -500,000 | 694 | -502,000 | 695 | -504,000 | 696 | -506,000 | 697 | -508,000 |
| 698 | -510,000 | 699 | -512,000 | 700 | -514,000 | 701 | -516,000 | 702 | -518,000 | 703 | -520,000 | 704 | -522,000 | 705 | -524,000 |
| 706 | -526,000 | 707 | -528,000 | 708 | -530,000 | 709 | -532,000 | 710 | -534,000 | 711 | -536,000 | 712 | -538,000 | 713 | -540,000 |
| 714 | -542,000 | 715 | -544,000 | 716 | -546,000 | 717 | -548,000 | 718 | -550,000 | 719 | -552,000 | 720 | -554,000 | 721 | -556,000 |
| 722 | -558,000 | 723 | -560,000 | 724 | -562,000 | 725 | -564,000 | 726 | -566,000 | 727 | -568,000 | 728 | -570,000 | 729 | -572,000 |
| 730 | -574,000 | 731 | -576,000 | 732 | -578,000 | 733 | -580,000 | 734 | -582,000 | 735 | -584,000 | 736 | -586,000 | 737 | -588,000 |
| 738 | -590,000 | 739 | -592,000 | 740 | -594,000 | 741 | -596,000 | 742 | -598,000 | 743 | -600,000 | 744 | -602,000 | 745 | -604,000 |
| 746 | -606,000 | 747 | -608,000 | 748 | -610,000 | 749 | -612,000 | 750 | -614,000 | 751 | -616,000 | 752 | -618,000 | 753 | -620,000 |
| 754 | -622,000 | 755 | -624,000 | 756 | -626,000 | 757 | -628,000 | 758 | -630,000 | 759 | -632,000 | 760 | -634,000 | 761 | -636,000 |
| 762 | -638,000 | 763 | -640,000 | 764 | -642,000 | 765 | -644,000 | 766 | -646,000 | 767 | -648,000 | 768 | -650,000 | 769 | -652,000 |
| 770 | -654,000 | 771 | -656,000 | 772 | -658,000 | 773 | -660,000 | 774 | -662,000 | 775 | -664,000 | 776 | -666,000 | 777 | -668,000 |
| 778 | -670,000 | 779 | -672,000 | 780 | -674,000 | 781 | -676,000 | 782 | -678,000 | 783 | -680,000 | 784 | -682,000 | 785 | -684,000 |
| 786 | -686,000 | 787 | -688,000 | 788 | -690,000 | 789 | -692,000 | 790 | -694,000 | 791 | -696,000 | 792 | -698,000 | 793 | -700,000 |
| 794 | -702,000 | 795 | -704,000 | 796 | -706,000 | 797 | -708,000 | 798 | -710,000 | 799 | -712,000 | 800 | -714,000 | 801 | -716,000 |
| 802 | -718,000 | 803 | -720,000 | 804 | -722,000 | 805 | -724,000 | 806 | -726,000 | 807 | -728,000 | 808 | -730,000 | 809 | -732,000 |
| 810 | -734,000 | 811 | -736,000 | 812 | -738,000 | 813 | -740,000 | 814 | -742,000 | 815 | -744,000 | 816 | -746,000 | 817 | -748,000 |
| 818 | -750,000 | 819 | -752,000 | 820 | -754,000 | 821 | -756,000 | 822 | -758,000 | 823 | -760,000 | 824 | -762,000 | 825 | -764,000 |
| 826 | -766,000 | 827 | -768,000 | 828 | -770,000 | 829 | -772,000 | 830 | -774,000 | 831 | -776,000 | 832 | -778,000 | 833 | -780,000 |
| 834 | -782,000 | 835 | -784,000 | 836 | -786,000 | 837 | -788,000 | 838 | -790,000 | 839 | -792,000 | 840 | -794,000 | 841 | -796,000 |
| 842 | -798,000 | 843 | -800,000 | 844 | -802,000 | 845 | -804,000 | 846 | -806,000 | 847 | -808,000 | 848 | -810,000 | 849 | -812,000 |
| 850 | -814,000 | 851 | -816,000 | 852 | -818,000 | 853 | -820,000 | 854 | -822,000 | 855 | -824,000 | 856 | -826,000 | 857 | -828,000 |
| 858 | -830,000 | 859 | -832,000 | 860 | -834,000 | 861 | -836,000 | 862 | -838,000 | 863 | -840,000 | 864 | -842,000 | 865 | -844,000 |
| 866 | -846,000 | 867 | -848,000 | 868 | -850,000 | 869 | -852,000 | 870 | -854,000 | 871 | -856,000 | 872 | -858,000 | 873 | -860,000 |
| 874 | -862,000 | 875 | -864,000 | 876 | -866,000 | 877 | -868,000 | 878 | -870,000 | 879 | -872,000 | 880 | -874,000 | 881 | -876,000 |
| 882 | -878,000 | 883 | -880,000 | 884 | -882,000 | 885 | -884,000 | 886 | -886,000 | 887 | -888,000 | 888 | -890,000 | 889 | -892,000 |
| 890 | -894,000 | 891 | -896,000 | 892 | -898,000 | 893 | -900,000 | 894 | -902,000 | 895 | -904,000 | 896 | -906,000 | 897 | -908,000 |
| 898 | -910,000 | 899 | -912,000 | 900 | -914,000 | 901 | -916,000 | 902 | -918,000 | 903 | -920,000 | 904 | -922,000 | 905 | -924,000 |
| 906 | -926,000 | 907 | -928,000 | 908 | -930,000 | 909 | -932,000 | 910 | -934,000 | 911 | -936,000 | 912 | -938,000 | 913 | -940,000 |
| 914 | -942,000 | 915 | -944,000 | 916 | -946,000 | 917 | -948,000 | 918 | -950,000 | 919 | -952,000 | 920 | -954,000 | 921 | -956,000 |
| 922 | -958,000 | 923 | -960,000 | 924 | -962,000 | 925 | -964,000 | 926 | -966,000 | 927 | -968,000 | 928 | -970,000 | 929 | -972,000 |
| 930 | -974,000 | 931 | -976,000 | 932 | -978,000 | 933 | -980,000 | 934 | -982,000 | 935 | -984,000 | 936 | -986,000 | 937 | -988,000 |
| 938 | -990,000 | 939 | -992,000 | 940 | -994,000 | 941 | -996,000 | 942 | -998,000 | 943 | -1000,000 | 944 | -1002,000 | 945 | -1004,000 |
| 946 | -1006,000 | 947 | -1008,000 | 948 | -1010,000 | 949 | -1012,000 | 950 | -1014,000 | 951 | -1016,000 | 952 | -1018,000 | 953 | -1020,000 |
| 954 | -1022,000 | 955 | -1024,000 | 956 | -1026,000 | 957 | -1028,000 | 958 | -1030,000 | 959 | -1032,000 | 960 | -1034,000 | 961 | -1036,000 |



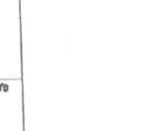
| Estaca | Cota de Entree | Cota de Saída | Comprimento | Área |
|--------|----------------|---------------|-------------|------|
| 98 | 98,000 | 98,000 | 0,00 | 0,00 |
| 100 | 98,000 | 98,000 | 0,00 | 0,00 |
| 102 | 98,000 | 98,000 | 0,00 | 0,00 |
| 104 | 98,000 | 98,000 | 0,00 | 0,00 |
| 106 | 98,000 | 98,000 | 0,00 | 0,00 |
| 108 | 98,000 | 98,000 | 0,00 | 0,00 |
| 110 | 98,000 | 98,000 | 0,00 | 0,00 |
| 112 | 98,000 | 98,000 | 0,00 | 0,00 |
| 114 | 98,000 | 98,000 | 0,00 | 0,00 |

| Estaca | Cota de Entree | Cota de Saída | Comprimento | Área |
|--------|----------------|---------------|-------------|------|
| 98 | 98,000 | 98,000 | 0,00 | 0,00 |
| 100 | 98,000 | 98,000 | 0,00 | 0,00 |
| 102 | 98,000 | 98,000 | 0,00 | 0,00 |
| 104 | 98,000 | 98,000 | 0,00 | 0,00 |
| 106 | 98,000 | 98,000 | 0,00 | 0,00 |
| 108 | 98,000 | 98,000 | 0,00 | 0,00 |
| 110 | 98,000 | 98,000 | 0,00 | 0,00 |
| 112 | 98,000 | 98,000 | 0,00 | 0,00 |
| 114 | 98,000 | 98,000 | 0,00 | 0,00 |

FRANCHA:
 ESCALA:
 25 / 55
 1/1000

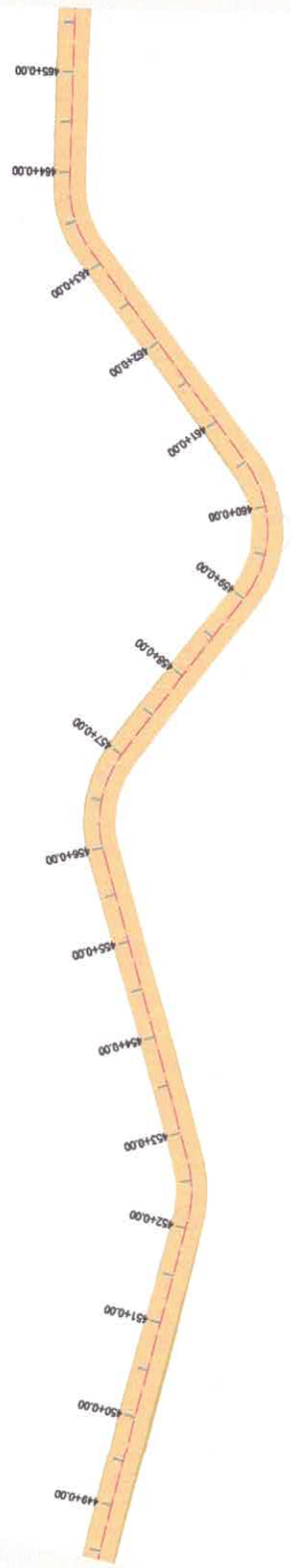
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LIBIEUX
 ESTACQUEAMENTO E PERFIL LONGITUDINAL

PROJETADETA:
 ARQUIVO:
 4 - REV. S. O. LIS A AREL_1-55_05_GECM_P2.DWG
 CLAUDIO JOSE QUEIROZ BARROS - ENG. CIVIL - CREA 15418/02E



Proj. de
 1078 BARROS PROJETOS
 Claudio José Queiroz Barros
 Eng. Civil - CREA 15418/02E

PRANCHA - 27



| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 116 | 114 | 112 | 110 | 108 | 106 | 104 | 102 | 101 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|

| Cota de Eixo | Cota de Base | Cota de Eixo | Cota de Base |
|--------------|--------------|--------------|--------------|
| 0.000 | 101.074 | 101.088 | 448 |
| 0.000 | 101.108 | 101.087 | 448 |
| -2.118 | 101.180 | 101.376 | 450 |
| 0.006 | 101.208 | 101.234 | 451 |
| -0.077 | 101.514 | 101.391 | 452 |
| -0.045 | 101.303 | 101.288 | 453 |
| 0.016 | 101.441 | 101.423 | 454 |
| 0.031 | 101.401 | 101.271 | 455 |
| 0.010 | 101.434 | 101.424 | 456 |
| -0.022 | 101.431 | 101.483 | 457 |
| 0.011 | 101.283 | 101.272 | 458 |
| 0.100 | 101.214 | 101.114 | 459 |
| 0.123 | 101.500 | 101.386 | 460 |
| 0.001 | 101.298 | 101.298 | 461 |
| 0.008 | 101.263 | 101.257 | 462 |
| -0.012 | 101.803 | 101.812 | 463 |
| -0.004 | 101.804 | 101.807 | 464 |
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| 0.048 | 101.800 | 101.241 | 465 |

PRANCHA: 27 / 55
ESCALA: 1/1000

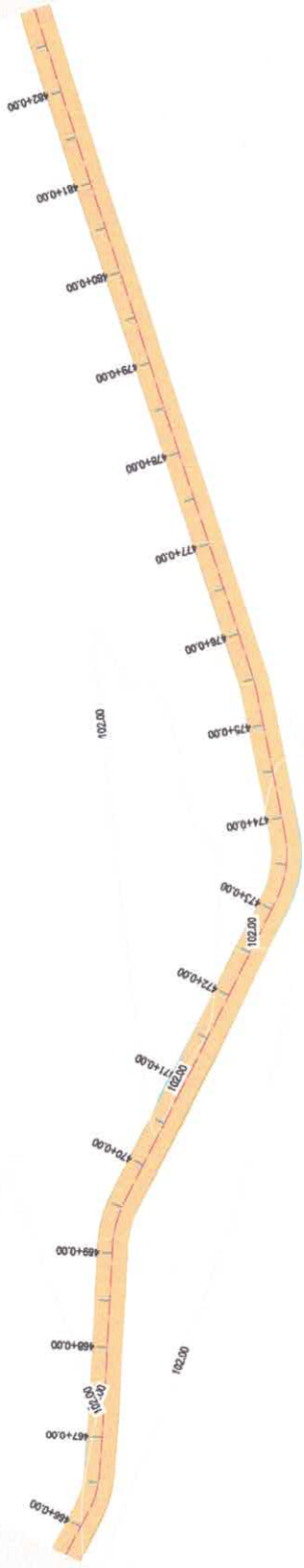
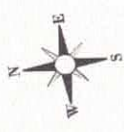
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETADE: CLAUDIO JOSE GUERROZ BARROS - ENGº CIVIL - CREIA 13.118/03E
ARQUIVO: 4 - REV. S. O. LIS A AREL. 1-56-55_GEOM_RZ.DWG



Cláudio José
CLAUDIO JOSE GUERROZ BARROS
Engº CIVIL - CREIA 13.118/03E



0 1000 2000

| | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 118 | 114 | 112 | 110 | 108 | 106 | 104 | 102 |
|-----|-----|-----|-----|-----|-----|-----|-----|

| Nota | Ordem de Serviço | Ordem de Emprego | Ordem de Entrega |
|--------|------------------|------------------|------------------|
| 0.048 | 101,880 | 101,841 | 463 |
| -0.030 | 103,100 | 103,100 | 467 |
| 0.040 | 102,000 | 102,032 | 468 |
| 0.001 | 102,002 | 102,071 | 469 |
| -0.046 | 102,088 | 102,137 | 470 |
| -0.091 | 102,085 | 102,175 | 471 |
| -0.023 | 102,086 | 102,108 | 472 |
| 0.171 | 102,088 | 101,927 | 473 |
| 0.175 | 102,120 | 101,949 | 474 |
| 0.006 | 102,141 | 102,078 | 475 |
| 0.049 | 102,163 | 102,114 | 476 |
| 0.013 | 102,185 | 102,172 | 477 |
| 0.002 | 102,210 | 102,208 | 478 |
| 0.006 | 102,241 | 102,235 | 479 |
| -0.012 | 102,274 | 102,266 | 480 |
| -0.044 | 102,307 | 102,301 | 481 |
| -0.062 | 102,340 | 102,403 | 482 |
| -0.032 | 102,372 | 102,404 | 483 |

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE

TRECHO: AREIAL A LISIEUX

ESTAQUEAMENTO E PERFIL LONGITUDINAL

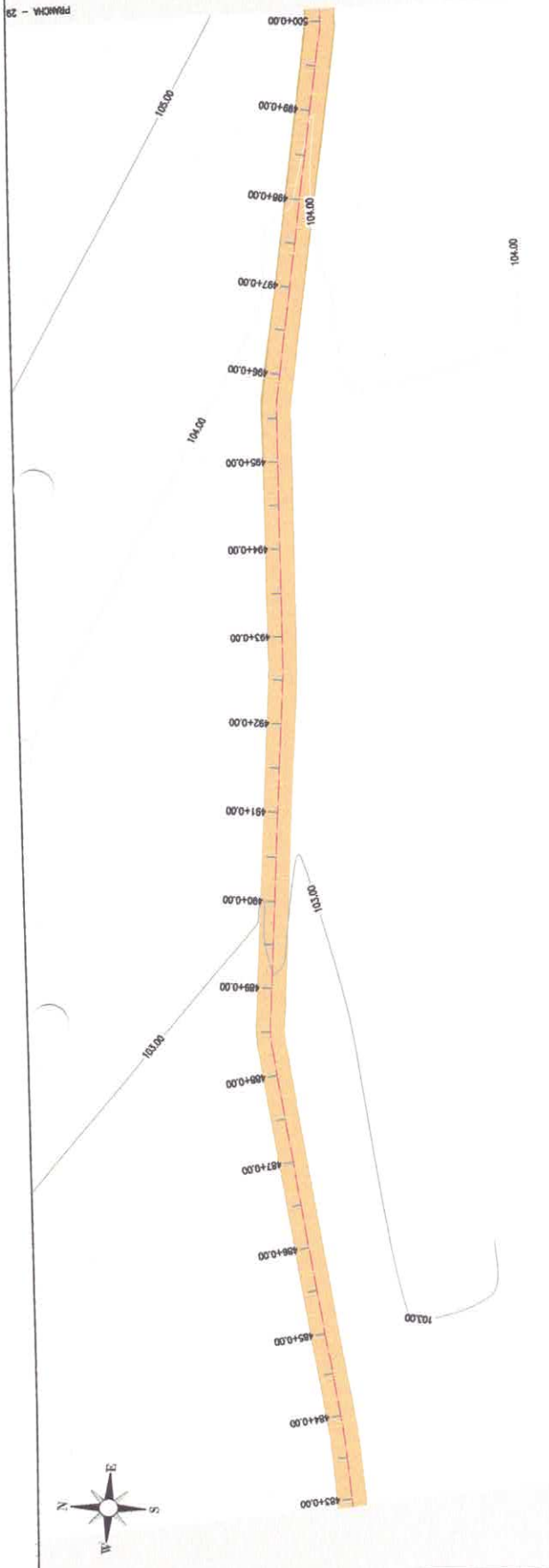
PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.418/D/CE

ARQUIVO: 4 - REV. S. O. 15 A AREIAL_1-55.55_GEOAL_02.DWG

FRANQUIA: 28 / 55

ESCALA: 1/1000


 Prefeitura de
Santa Quitéria
 Claudio José Queiroz Barrios
 Eng. Civil - CREA 13418/D/CE



| | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 118 | 116 | 114 | 112 | 110 | 108 | 106 | 104 | 102 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|


| | | | |
|--------|---------|---------|-----------|
| 0.002 | 102,372 | 102,404 | 482 |
| -0.141 | 102,425 | 102,536 | 483+10.00 |
| -0.132 | 102,444 | 102,575 | 484 |
| 0.007 | 102,542 | 102,519 | 485 |
| 0.000 | 102,646 | 102,628 | 486 |
| 0.003 | 102,759 | 102,747 | 487 |
| -0.007 | 102,853 | 102,851 | 488 |
| -0.008 | 102,957 | 102,895 | 489 |
| -0.000 | 103,057 | 103,080 | 490 |
| 0.012 | 103,146 | 103,104 | 491 |
| 0.078 | 103,229 | 103,153 | 492 |
| 0.078 | 103,312 | 103,235 | 493 |
| 0.003 | 103,395 | 103,342 | 494 |
| -0.026 | 103,478 | 103,504 | 495 |
| -0.074 | 103,574 | 103,588 | 496 |
| -0.071 | 103,717 | 103,728 | 497 |
| 0.004 | 103,804 | 103,893 | 498 |
| 0.046 | 104,084 | 104,028 | 499 |
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PRANCHA: 29 / 55
 ESCALA: 1/1000

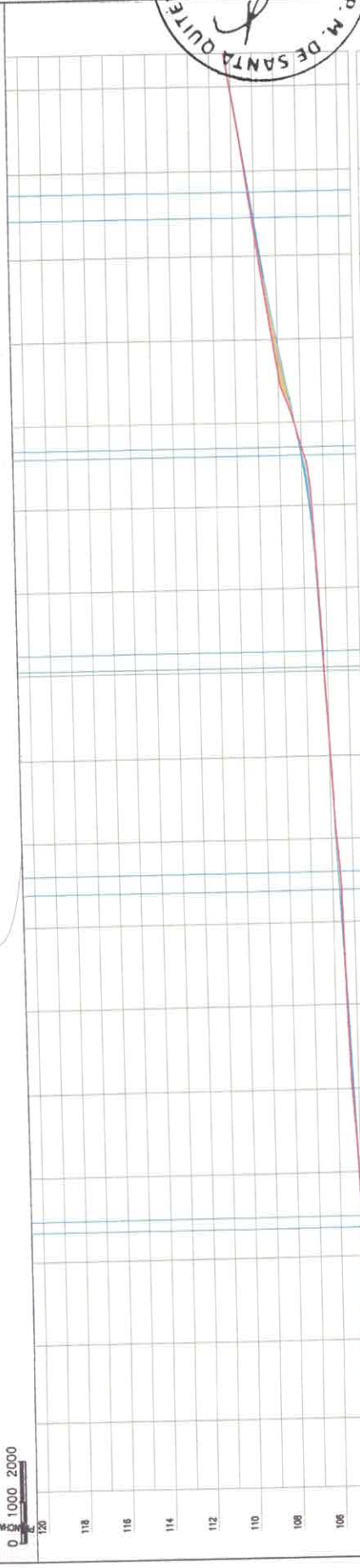
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX

ESTAKEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: CLAUDIO JOSE QUEROZ BARROS - ENGRº CIVIL - CREA 13.418/02
 ARQUIVO: 4_PBY_S_0_LIS A AREL_1-56.55_GEOM_R2.DWG


 Prefeitura de Santa Quitéria


 CLAUDIO JOSE QUEROZ BARROS
 ENGRº CIVIL - CREA 13.418/02



| Estaca | Ord. de Projeto | Ord. de Execução | Alt. de Projeto | Alt. de Execução | Alt. de Referência |
|--------|-----------------|------------------|-----------------|------------------|--------------------|
| 501 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 502 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 503 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 504 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 505 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 506 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 507 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 508 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 509 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 510 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 511 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 512 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 513 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 514 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 515 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 516 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |
| 517 | 104,221 | 104,221 | 104,221 | 104,221 | 104,221 |

PRANCHA: 30 / 55

ESCALA: 1/1000

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE

RECUPERAÇÃO DE ESTRADAS VICINAS NO MUNICÍPIO DE SANTA QUITERIA / CE

TRECHO: AREAL A LISIEUX

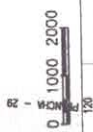
ESTACQUEAMENTO E PERFIL LONGITUDINAL

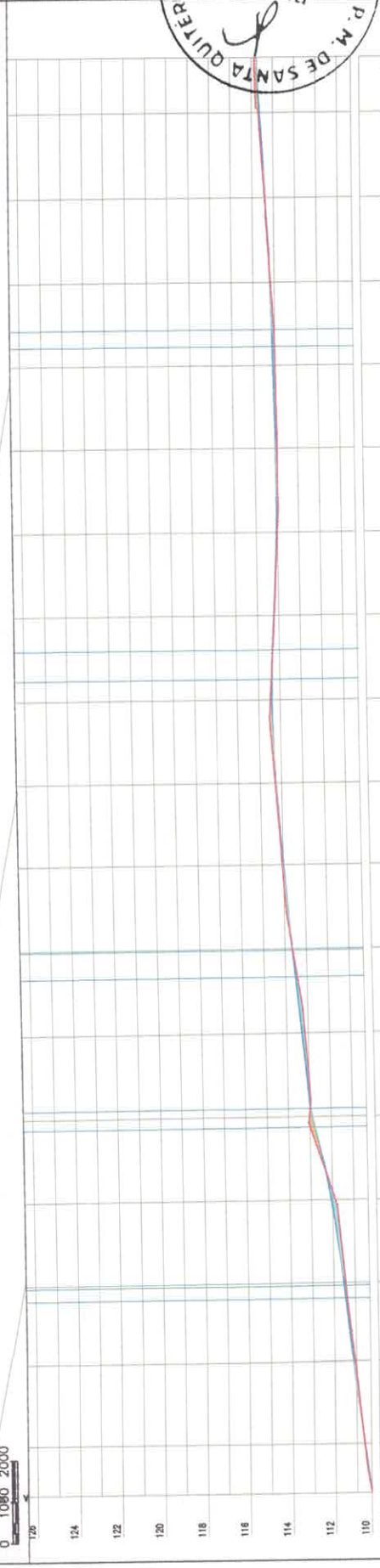
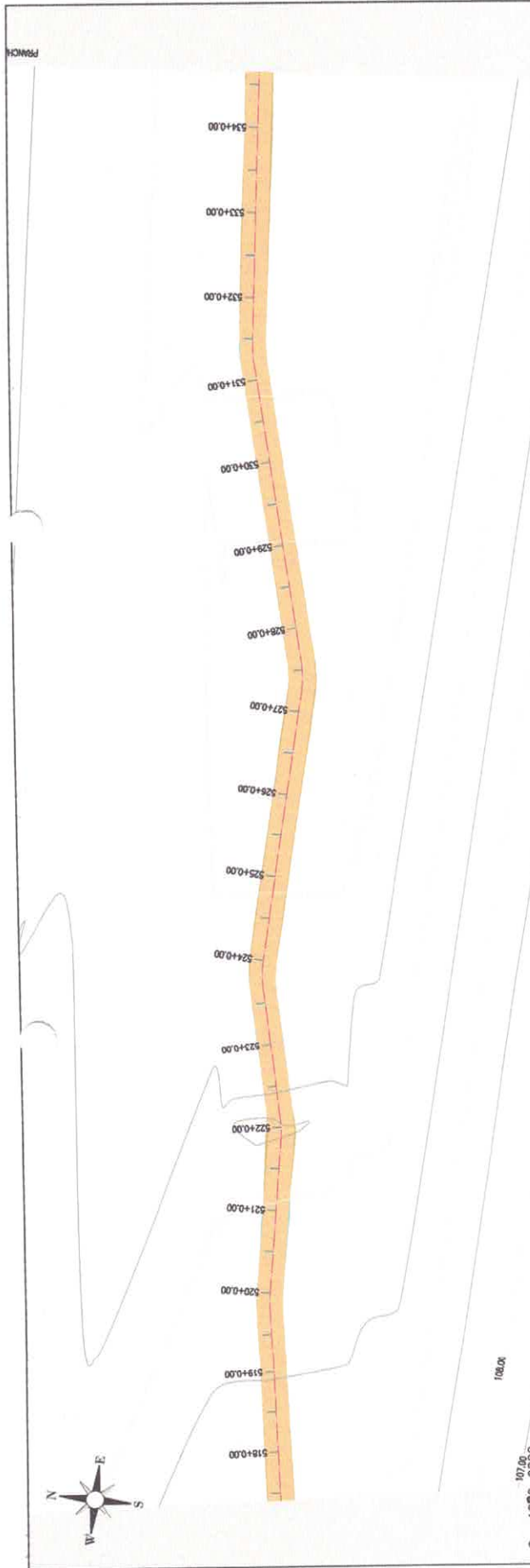
PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.418/DCE

ARQUIVO: A - REV. S. O. U. B. A. AREAL - 16.05.2012 - GEOM. P2.DWG


 Prefeitura de
Santa Quitéria


 CLAUDIO JOSÉ QUEIROZ BARRIOS
 Eng. Civil - CREA 13.418/DCE






| Estação | Cota de terreno | Cota de projeto | Declividade |
|---------|-----------------|-----------------|-------------|
| 100 | 110,322 | 110,302 | -0,20% |
| 102 | 111,440 | 111,440 | 0,00% |
| 104 | 112,063 | 112,063 | 0,00% |
| 106 | 112,878 | 112,878 | 0,00% |
| 108 | 113,028 | 113,028 | 0,00% |
| 110 | 113,298 | 113,298 | 0,00% |
| 112 | 113,577 | 113,577 | 0,00% |
| 114 | 113,898 | 113,898 | 0,00% |
| 116 | 114,291 | 114,291 | 0,00% |
| 118 | 114,707 | 114,707 | 0,00% |
| 120 | 115,154 | 115,154 | 0,00% |
| 122 | 115,631 | 115,631 | 0,00% |
| 124 | 116,138 | 116,138 | 0,00% |
| 126 | 116,675 | 116,675 | 0,00% |
| 128 | 117,242 | 117,242 | 0,00% |
| 130 | 117,839 | 117,839 | 0,00% |
| 132 | 118,466 | 118,466 | 0,00% |
| 134 | 119,123 | 119,123 | 0,00% |
| 136 | 119,810 | 119,810 | 0,00% |
| 138 | 120,527 | 120,527 | 0,00% |
| 140 | 121,274 | 121,274 | 0,00% |
| 142 | 122,051 | 122,051 | 0,00% |
| 144 | 122,858 | 122,858 | 0,00% |
| 146 | 123,695 | 123,695 | 0,00% |
| 148 | 124,562 | 124,562 | 0,00% |
| 150 | 125,459 | 125,459 | 0,00% |
| 152 | 126,386 | 126,386 | 0,00% |
| 154 | 127,343 | 127,343 | 0,00% |
| 156 | 128,330 | 128,330 | 0,00% |
| 158 | 129,347 | 129,347 | 0,00% |
| 160 | 130,394 | 130,394 | 0,00% |
| 162 | 131,471 | 131,471 | 0,00% |
| 164 | 132,578 | 132,578 | 0,00% |
| 166 | 133,715 | 133,715 | 0,00% |
| 168 | 134,882 | 134,882 | 0,00% |
| 170 | 136,079 | 136,079 | 0,00% |
| 172 | 137,306 | 137,306 | 0,00% |
| 174 | 138,563 | 138,563 | 0,00% |
| 176 | 139,850 | 139,850 | 0,00% |
| 178 | 141,167 | 141,167 | 0,00% |
| 180 | 142,514 | 142,514 | 0,00% |
| 182 | 143,891 | 143,891 | 0,00% |
| 184 | 145,298 | 145,298 | 0,00% |
| 186 | 146,735 | 146,735 | 0,00% |
| 188 | 148,202 | 148,202 | 0,00% |
| 190 | 149,699 | 149,699 | 0,00% |
| 192 | 151,226 | 151,226 | 0,00% |
| 194 | 152,783 | 152,783 | 0,00% |
| 196 | 154,370 | 154,370 | 0,00% |
| 198 | 155,987 | 155,987 | 0,00% |
| 200 | 157,634 | 157,634 | 0,00% |
| 202 | 159,311 | 159,311 | 0,00% |
| 204 | 161,018 | 161,018 | 0,00% |
| 206 | 162,755 | 162,755 | 0,00% |
| 208 | 164,522 | 164,522 | 0,00% |
| 210 | 166,319 | 166,319 | 0,00% |
| 212 | 168,146 | 168,146 | 0,00% |
| 214 | 170,003 | 170,003 | 0,00% |
| 216 | 171,890 | 171,890 | 0,00% |
| 218 | 173,807 | 173,807 | 0,00% |
| 220 | 175,754 | 175,754 | 0,00% |
| 222 | 177,731 | 177,731 | 0,00% |
| 224 | 179,738 | 179,738 | 0,00% |
| 226 | 181,775 | 181,775 | 0,00% |
| 228 | 183,842 | 183,842 | 0,00% |
| 230 | 185,939 | 185,939 | 0,00% |
| 232 | 188,066 | 188,066 | 0,00% |
| 234 | 190,223 | 190,223 | 0,00% |
| 236 | 192,410 | 192,410 | 0,00% |
| 238 | 194,627 | 194,627 | 0,00% |
| 240 | 196,874 | 196,874 | 0,00% |
| 242 | 199,151 | 199,151 | 0,00% |
| 244 | 201,458 | 201,458 | 0,00% |
| 246 | 203,795 | 203,795 | 0,00% |
| 248 | 206,162 | 206,162 | 0,00% |
| 250 | 208,559 | 208,559 | 0,00% |
| 252 | 210,986 | 210,986 | 0,00% |
| 254 | 213,443 | 213,443 | 0,00% |
| 256 | 215,930 | 215,930 | 0,00% |
| 258 | 218,447 | 218,447 | 0,00% |
| 260 | 220,984 | 220,984 | 0,00% |
| 262 | 223,551 | 223,551 | 0,00% |
| 264 | 226,148 | 226,148 | 0,00% |
| 266 | 228,775 | 228,775 | 0,00% |
| 268 | 231,432 | 231,432 | 0,00% |
| 270 | 234,119 | 234,119 | 0,00% |
| 272 | 236,836 | 236,836 | 0,00% |
| 274 | 239,583 | 239,583 | 0,00% |
| 276 | 242,360 | 242,360 | 0,00% |
| 278 | 245,167 | 245,167 | 0,00% |
| 280 | 247,994 | 247,994 | 0,00% |
| 282 | 250,841 | 250,841 | 0,00% |
| 284 | 253,708 | 253,708 | 0,00% |
| 286 | 256,595 | 256,595 | 0,00% |
| 288 | 259,502 | 259,502 | 0,00% |
| 290 | 262,429 | 262,429 | 0,00% |
| 292 | 265,376 | 265,376 | 0,00% |
| 294 | 268,343 | 268,343 | 0,00% |
| 296 | 271,330 | 271,330 | 0,00% |
| 298 | 274,337 | 274,337 | 0,00% |
| 300 | 277,364 | 277,364 | 0,00% |
| 302 | 280,411 | 280,411 | 0,00% |
| 304 | 283,478 | 283,478 | 0,00% |
| 306 | 286,565 | 286,565 | 0,00% |
| 308 | 289,672 | 289,672 | 0,00% |
| 310 | 292,799 | 292,799 | 0,00% |
| 312 | 295,946 | 295,946 | 0,00% |
| 314 | 299,113 | 299,113 | 0,00% |
| 316 | 302,300 | 302,300 | 0,00% |
| 318 | 305,507 | 305,507 | 0,00% |
| 320 | 308,734 | 308,734 | 0,00% |
| 322 | 311,981 | 311,981 | 0,00% |
| 324 | 315,248 | 315,248 | 0,00% |
| 326 | 318,535 | 318,535 | 0,00% |
| 328 | 321,842 | 321,842 | 0,00% |
| 330 | 325,169 | 325,169 | 0,00% |
| 332 | 328,516 | 328,516 | 0,00% |
| 334 | 331,883 | 331,883 | 0,00% |
| 336 | 335,270 | 335,270 | 0,00% |
| 338 | 338,677 | 338,677 | 0,00% |
| 340 | 342,104 | 342,104 | 0,00% |
| 342 | 345,551 | 345,551 | 0,00% |
| 344 | 349,018 | 349,018 | 0,00% |
| 346 | 352,505 | 352,505 | 0,00% |
| 348 | 356,012 | 356,012 | 0,00% |
| 350 | 359,539 | 359,539 | 0,00% |
| 352 | 363,086 | 363,086 | 0,00% |
| 354 | 366,653 | 366,653 | 0,00% |
| 356 | 370,240 | 370,240 | 0,00% |
| 358 | 373,847 | 373,847 | 0,00% |
| 360 | 377,474 | 377,474 | 0,00% |
| 362 | 381,121 | 381,121 | 0,00% |
| 364 | 384,788 | 384,788 | 0,00% |
| 366 | 388,475 | 388,475 | 0,00% |
| 368 | 392,182 | 392,182 | 0,00% |
| 370 | 395,909 | 395,909 | 0,00% |
| 372 | 399,656 | 399,656 | 0,00% |
| 374 | 403,423 | 403,423 | 0,00% |
| 376 | 407,210 | 407,210 | 0,00% |
| 378 | 411,017 | 411,017 | 0,00% |
| 380 | 414,844 | 414,844 | 0,00% |
| 382 | 418,691 | 418,691 | 0,00% |
| 384 | 422,558 | 422,558 | 0,00% |
| 386 | 426,445 | 426,445 | 0,00% |
| 388 | 430,352 | 430,352 | 0,00% |
| 390 | 434,279 | 434,279 | 0,00% |
| 392 | 438,226 | 438,226 | 0,00% |
| 394 | 442,193 | 442,193 | 0,00% |
| 396 | 446,180 | 446,180 | 0,00% |
| 398 | 450,187 | 450,187 | 0,00% |
| 400 | 454,214 | 454,214 | 0,00% |
| 402 | 458,261 | 458,261 | 0,00% |
| 404 | 462,328 | 462,328 | 0,00% |
| 406 | 466,415 | 466,415 | 0,00% |
| 408 | 470,522 | 470,522 | 0,00% |
| 410 | 474,649 | 474,649 | 0,00% |
| 412 | 478,796 | 478,796 | 0,00% |
| 414 | 482,963 | 482,963 | 0,00% |
| 416 | 487,150 | 487,150 | 0,00% |
| 418 | 491,357 | 491,357 | 0,00% |
| 420 | 495,584 | 495,584 | 0,00% |
| 422 | 499,831 | 499,831 | 0,00% |
| 424 | 504,098 | 504,098 | 0,00% |
| 426 | 508,385 | 508,385 | 0,00% |
| 428 | 512,692 | 512,692 | 0,00% |
| 430 | 517,019 | 517,019 | 0,00% |
| 432 | 521,366 | 521,366 | 0,00% |
| 434 | 525,733 | 525,733 | 0,00% |
| 436 | 530,120 | 530,120 | 0,00% |
| 438 | 534,527 | 534,527 | 0,00% |
| 440 | 538,954 | 538,954 | 0,00% |
| 442 | 543,401 | 543,401 | 0,00% |
| 444 | 547,868 | 547,868 | 0,00% |
| 446 | 552,355 | 552,355 | 0,00% |
| 448 | 556,862 | 556,862 | 0,00% |
| 450 | 561,389 | 561,389 | 0,00% |
| 452 | 565,936 | 565,936 | 0,00% |
| 454 | 570,503 | 570,503 | 0,00% |
| 456 | 575,090 | 575,090 | 0,00% |
| 458 | 579,697 | 579,697 | 0,00% |
| 460 | 584,324 | 584,324 | 0,00% |
| 462 | 588,971 | 588,971 | 0,00% |
| 464 | 593,638 | 593,638 | 0,00% |
| 466 | 598,325 | 598,325 | 0,00% |
| 468 | 603,032 | 603,032 | 0,00% |
| 470 | 607,759 | 607,759 | 0,00% |
| 472 | 612,506 | 612,506 | 0,00% |
| 474 | 617,273 | 617,273 | 0,00% |
| 476 | 622,060 | 622,060 | 0,00% |
| 478 | 626,867 | 626,867 | 0,00% |
| 480 | 631,694 | 631,694 | 0,00% |
| 482 | 636,541 | 636,541 | 0,00% |
| 484 | 641,408 | 641,408 | 0,00% |
| 486 | 646,295 | 646,295 | 0,00% |
| 488 | 651,202 | 651,202 | 0,00% |
| 490 | 656,129 | 656,129 | 0,00% |
| 492 | 661,076 | 661,076 | 0,00% |
| 494 | 666,043 | 666,043 | 0,00% |
| 496 | 671,030 | 671,030 | 0,00% |
| 498 | 676,037 | 676,037 | 0,00% |
| 500 | 681,064 | 681,064 | 0,00% |
| 502 | 686,111 | 686,111 | 0,00% |
| 504 | 691,178 | 691,178 | 0,00% |
| 506 | 696,265 | 696,265 | 0,00% |
| 508 | 701,372 | 701,372 | 0,00% |
| 510 | 706,499 | 706,499 | 0,00% |
| 512 | 711,646 | 711,646 | 0,00% |
| 514 | 716,813 | 716,813 | 0,00% |
| 516 | 721,990 | 721,990 | 0,00% |
| 518 | 727,187 | 727,187 | 0,00% |
| 520 | 732,404 | 732,404 | 0,00% |
| 522 | 737,641 | 737,641 | 0,00% |
| 524 | 742,898 | 742,898 | 0,00% |
| 526 | 748,175 | 748,175 | 0,00% |
| 528 | 753,472 | 753,472 | 0,00% |
| 530 | 758,789 | 758,789 | 0,00% |
| 532 | 764,126 | 764,126 | 0,00% |
| 534 | 769,483 | 769,483 | 0,00% |

PRONCHIA: 31 / 55
 ESCALA: 1/1000
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: CLAUDIO JOSE QUEIROZ BARROS - ENG. CIVIL - CREA 13.119/DCE
 ARQUIVO: 4 - REV. S. O. LIS A AREL.1-65-55_CREAL_R02.DWG

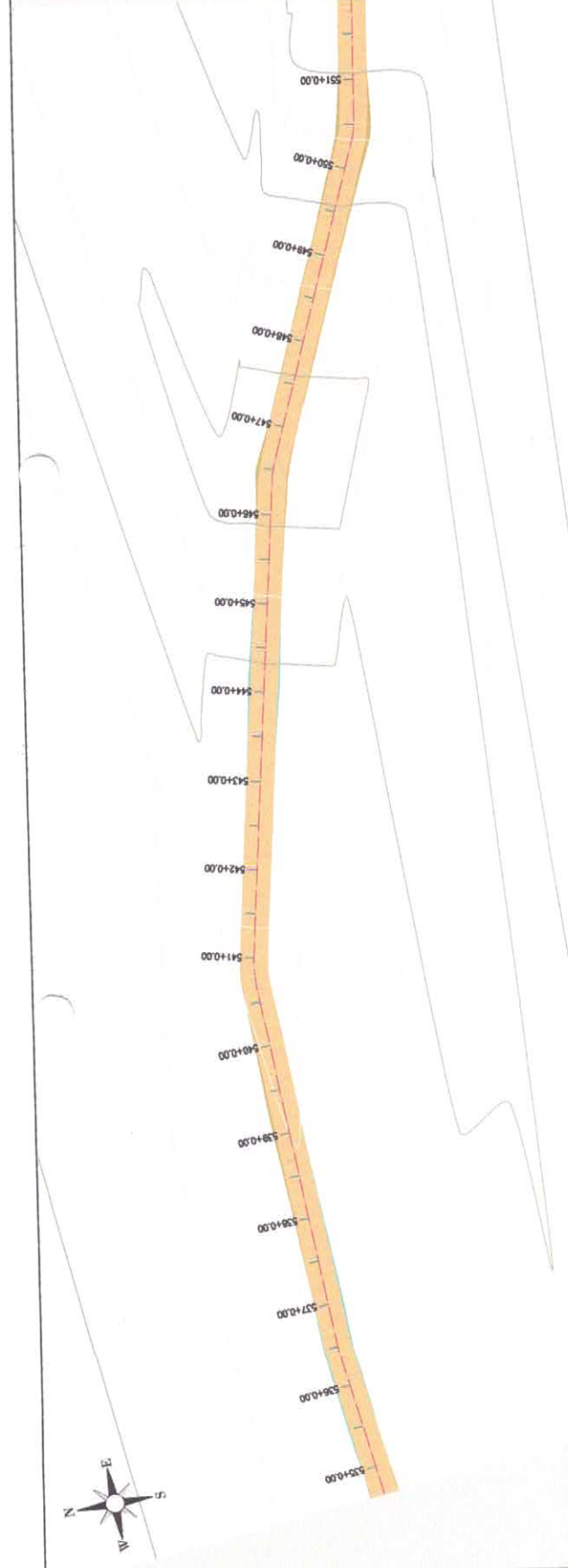
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX


 Prefeitura de Santa Quiteria

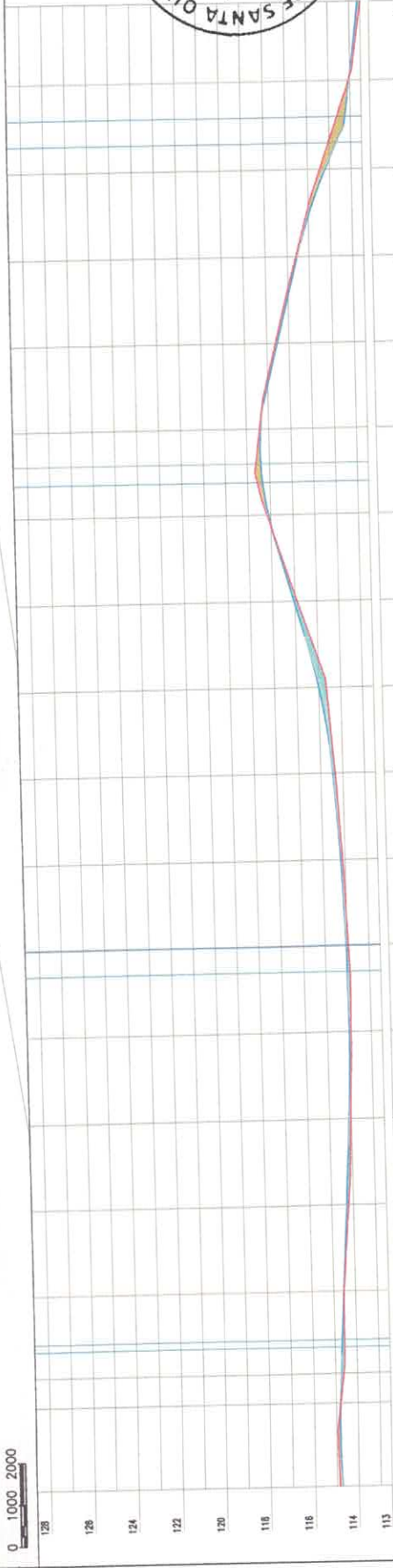
Cláudio José Queiroz Barros
 CREA 13.119/DCE
 Eng. Civil - 083.119/DCE



PRANCH - 32



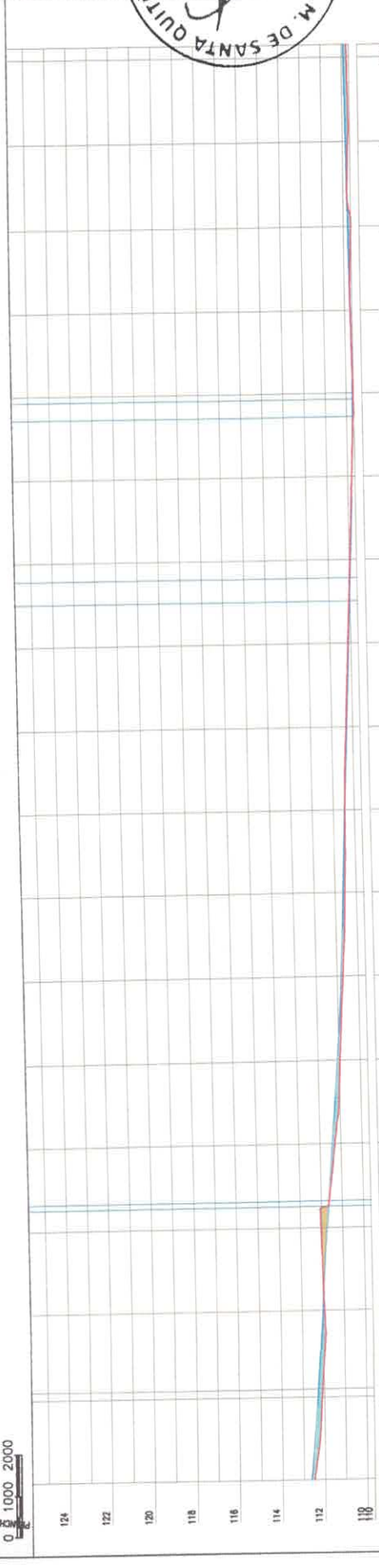
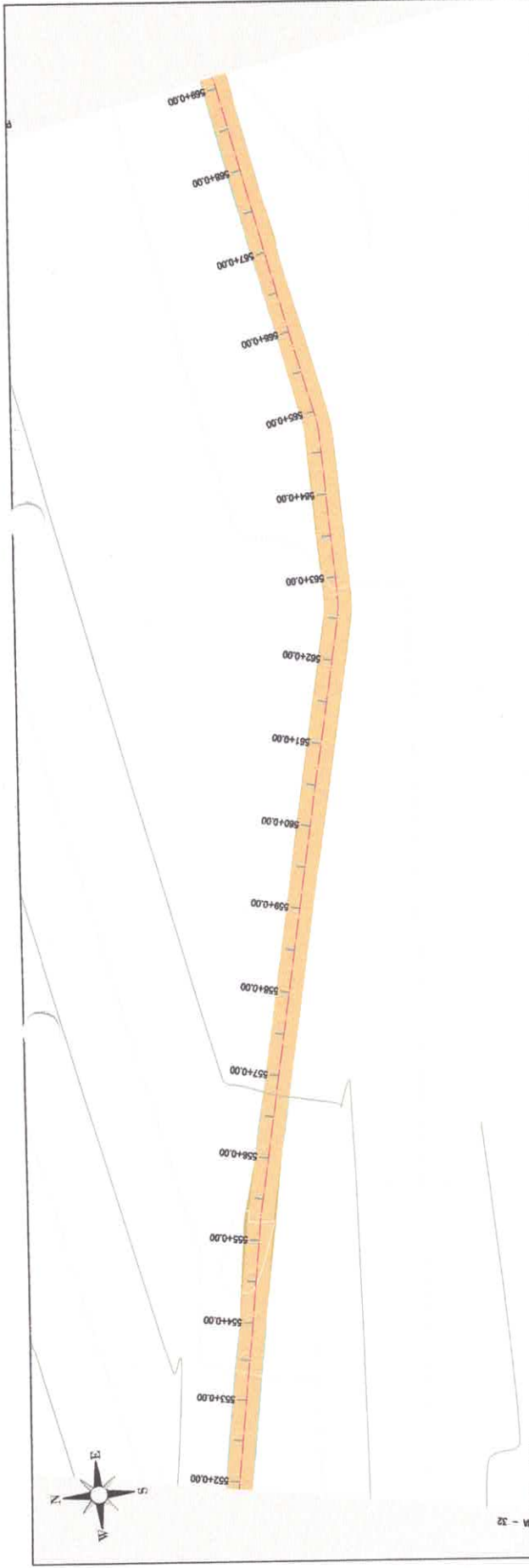
0 1000 2000



| Estacão | Alt. de Eixo | Alt. de Base | Alt. de Cota |
|---------|--------------|--------------|--------------|
| 113 | 114,795 | 114,795 | 114,795 |
| 114 | 114,795 | 114,795 | 114,795 |
| 115 | 114,795 | 114,795 | 114,795 |
| 116 | 114,795 | 114,795 | 114,795 |
| 117 | 114,795 | 114,795 | 114,795 |
| 118 | 114,795 | 114,795 | 114,795 |
| 119 | 114,795 | 114,795 | 114,795 |
| 120 | 114,795 | 114,795 | 114,795 |
| 121 | 114,795 | 114,795 | 114,795 |
| 122 | 114,795 | 114,795 | 114,795 |
| 123 | 114,795 | 114,795 | 114,795 |
| 124 | 114,795 | 114,795 | 114,795 |
| 125 | 114,795 | 114,795 | 114,795 |
| 126 | 114,795 | 114,795 | 114,795 |
| 127 | 114,795 | 114,795 | 114,795 |
| 128 | 114,795 | 114,795 | 114,795 |


PRANCHIA: 32 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITÉRIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITÉRIA / CE
 TRECHO: AREAL A LISIEUX
 ESTACQUEAMENTO E PERFIL LONGITUDINAL
 PROJETISTA: CLAUDIO JOSE QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.141/BOCE
 ARQUIVO: 4 - REV. S. O. LIS A AREAL - 05.05.2010 - GEOM. P2.DWG

Prefeitura de Santa Quitéria
 CLAUDIO JOSE QUEIROZ BARRIOS
 Eng. CIVIL - CREA 13.141/BOCE

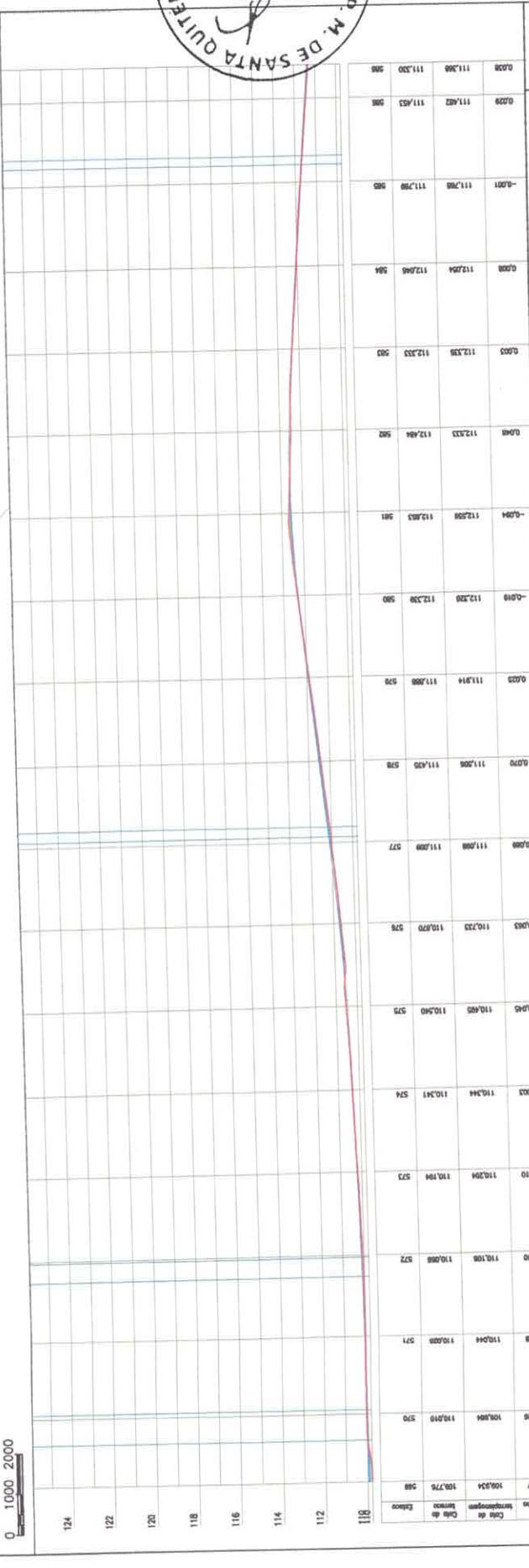
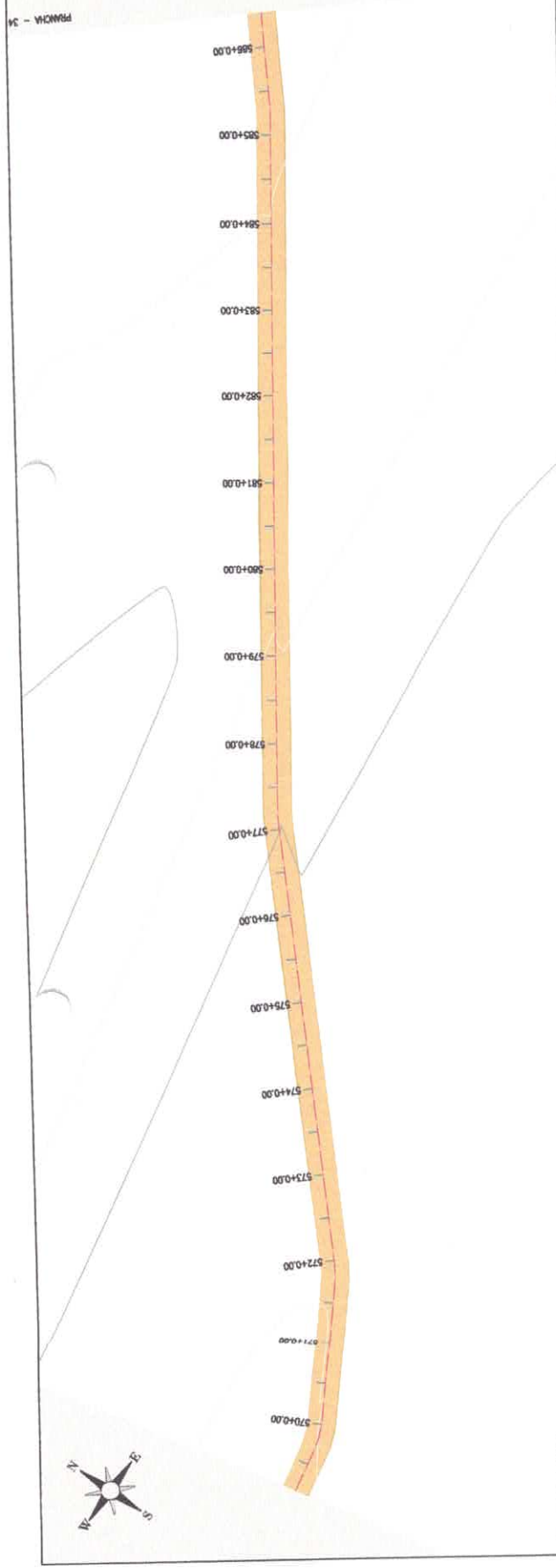


| Estaca | Cota de Início | Cota de Término | Comprimento | Declividade (%) |
|----------|----------------|-----------------|-------------|-----------------|
| 110 | 112,53 | 112,53 | 591 | 0,137 |
| 112 | 112,019 | 111,945 | 504 | -0,66 |
| 114 | 111,742 | 112,041 | 505 | 2,68 |
| 116 | 111,426 | 111,288 | 506 | -1,24 |
| 118 | 111,074 | 110,889 | 507 | -3,59 |
| 120 | 110,807 | 110,735 | 508 | -0,65 |
| 122 | 110,459 | 110,448 | 509 | -0,19 |
| 124 | 110,283 | 110,205 | 501 | -0,7 |
| 552+0.00 | 110,138 | 110,132 | 502 | -0,05 |
| 553+0.00 | 109,980 | 109,977 | 503 | -0,03 |
| 554+0.00 | 109,797 | 109,803 | 504 | 0,56 |
| 555+0.00 | 109,717 | 109,800 | 505 | 0,77 |
| 556+0.00 | 109,746 | 109,740 | 506 | -0,07 |
| 557+0.00 | 109,664 | 109,664 | 507 | 0,142 |
| 558+0.00 | 109,585 | 109,701 | 508 | 1,06 |
| 559+0.00 | 109,524 | 109,718 | 509 | 1,97 |
| 560+0.00 | 109,468 | 109,735 | 510 | 1,66 |
| 561+0.00 | 109,416 | 109,751 | 511 | 1,36 |
| 562+0.00 | 109,368 | 109,766 | 512 | 1,06 |
| 563+0.00 | 109,324 | 109,779 | 513 | 0,76 |
| 564+0.00 | 109,284 | 109,790 | 514 | 0,46 |
| 565+0.00 | 109,248 | 109,800 | 515 | 0,16 |
| 566+0.00 | 109,216 | 109,809 | 516 | -0,14 |
| 567+0.00 | 109,188 | 109,817 | 517 | -0,26 |
| 568+0.00 | 109,164 | 109,824 | 518 | -0,38 |
| 569+0.00 | 109,144 | 109,830 | 519 | -0,5 |

PROPOSTA: 33 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARROS - ENGRº CIVIL - CREA 13.419/DCE
 ARQUIVO: 4 - REV. S. O. LISIEUX AREIAL - 5.5.55 - GEOM. PLD.DWG


 Prefeitura de Santa Quitéria

Claudio José Queiroz Barros
 CLAUDIO JOSÉ QUEIROZ BARROS
 ENGRº CIVIL - CREA 13.419/DCE



| Estaca | Cota de Início | Cota de Término | Comprimento | Área |
|--------|----------------|-----------------|-------------|------|
| 0,137 | 108,775 | 108,834 | 58 | |
| 0,205 | 110,015 | 109,884 | 119 | |
| 0,218 | 110,028 | 110,044 | 116 | |
| 0,230 | 110,088 | 110,105 | 117 | |
| 0,243 | 110,194 | 110,204 | 110 | |
| 0,256 | 110,233 | 110,233 | 77 | |
| 0,269 | 110,270 | 110,270 | 57 | |
| 0,282 | 110,295 | 110,295 | 58 | |
| 0,295 | 110,314 | 110,314 | 59 | |
| 0,308 | 110,333 | 110,333 | 60 | |
| 0,321 | 110,352 | 110,352 | 61 | |
| 0,334 | 110,371 | 110,371 | 62 | |
| 0,347 | 110,390 | 110,390 | 63 | |
| 0,360 | 110,409 | 110,409 | 64 | |
| 0,373 | 110,428 | 110,428 | 65 | |
| 0,386 | 110,447 | 110,447 | 66 | |
| 0,399 | 110,466 | 110,466 | 67 | |
| 0,412 | 110,485 | 110,485 | 68 | |
| 0,425 | 110,504 | 110,504 | 69 | |
| 0,438 | 110,523 | 110,523 | 70 | |
| 0,451 | 110,542 | 110,542 | 71 | |
| 0,464 | 110,561 | 110,561 | 72 | |
| 0,477 | 110,580 | 110,580 | 73 | |
| 0,490 | 110,599 | 110,599 | 74 | |
| 0,503 | 110,618 | 110,618 | 75 | |
| 0,516 | 110,637 | 110,637 | 76 | |
| 0,529 | 110,656 | 110,656 | 77 | |
| 0,542 | 110,675 | 110,675 | 78 | |
| 0,555 | 110,694 | 110,694 | 79 | |
| 0,568 | 110,713 | 110,713 | 80 | |
| 0,581 | 110,732 | 110,732 | 81 | |
| 0,594 | 110,751 | 110,751 | 82 | |
| 0,607 | 110,770 | 110,770 | 83 | |
| 0,620 | 110,789 | 110,789 | 84 | |
| 0,633 | 110,808 | 110,808 | 85 | |
| 0,646 | 110,827 | 110,827 | 86 | |
| 0,659 | 110,846 | 110,846 | 87 | |
| 0,672 | 110,865 | 110,865 | 88 | |
| 0,685 | 110,884 | 110,884 | 89 | |
| 0,698 | 110,903 | 110,903 | 90 | |
| 0,711 | 110,922 | 110,922 | 91 | |
| 0,724 | 110,941 | 110,941 | 92 | |
| 0,737 | 110,960 | 110,960 | 93 | |
| 0,750 | 110,979 | 110,979 | 94 | |
| 0,763 | 110,998 | 110,998 | 95 | |
| 0,776 | 111,017 | 111,017 | 96 | |
| 0,789 | 111,036 | 111,036 | 97 | |
| 0,802 | 111,055 | 111,055 | 98 | |
| 0,815 | 111,074 | 111,074 | 99 | |
| 0,828 | 111,093 | 111,093 | 100 | |



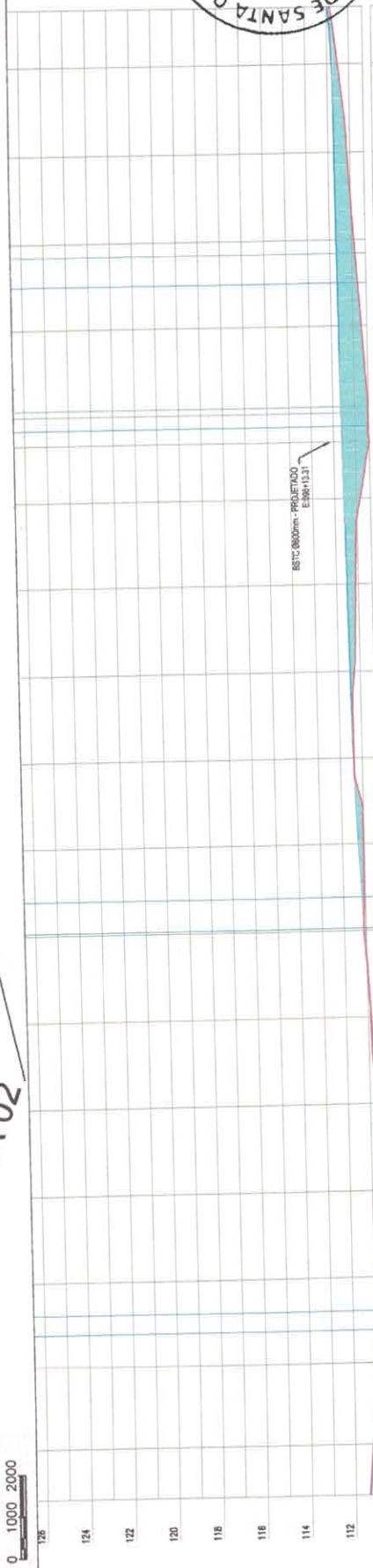
Claudio José Barros
 1078 BARROS PROJETOS
 Claudio José Barros
 Eng.º - 083 19430 CE

FRANCHA: 34 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: CLAUDIO JOSÉ BARROS - ENG.º CIVIL - CREA 13.4180/CE
 ARQUIVO: 4 - REV. 5_0_LIS A AREIAL 1-55.55_GEOM_52.DWG



JAZIDA 02

0 1000 2000



| Estaca | Alt. do Terreno | Alt. do Projeto | Alt. do Eixo |
|--------|-----------------|-----------------|--------------|
| 110 | 110,879 | 110,890 | 110,890 |
| 111 | 110,879 | 110,890 | 110,890 |
| 112 | 110,879 | 110,890 | 110,890 |
| 113 | 110,879 | 110,890 | 110,890 |
| 114 | 110,879 | 110,890 | 110,890 |
| 115 | 110,879 | 110,890 | 110,890 |
| 116 | 110,879 | 110,890 | 110,890 |
| 117 | 110,879 | 110,890 | 110,890 |
| 118 | 110,879 | 110,890 | 110,890 |
| 119 | 110,879 | 110,890 | 110,890 |
| 120 | 110,879 | 110,890 | 110,890 |
| 121 | 110,879 | 110,890 | 110,890 |
| 122 | 110,879 | 110,890 | 110,890 |
| 123 | 110,879 | 110,890 | 110,890 |
| 124 | 110,879 | 110,890 | 110,890 |
| 125 | 110,879 | 110,890 | 110,890 |
| 126 | 110,879 | 110,890 | 110,890 |

PRONCHA: 35 / 55
 ESCALA: 1/1000

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX

ESTACQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: CLAUDIO JOSE QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.141R/DCE
 ARQUIVO: 4 - REV.3_0_15_A_AEAL_1-65-56_GECOM_02.DWG

Prefeitura de Santa Quitéria

CLAUDIO JOSE QUEIROZ BARRIOS
 CONSULTOR EM ENGENHARIA CIVIL
 REG. 04 - CREA 13.141/D-CE



| Cota de Calçada | | Cota de Caminho | | Cota de Eixo | | Cota de Talude | | Cota de Canteiro | | Cota de Furo | |
|-----------------|--|-----------------|--|--------------|--|----------------|--|------------------|--|--------------|--|
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PRANCHA: 36 / 55
ESCALA: 1/1000

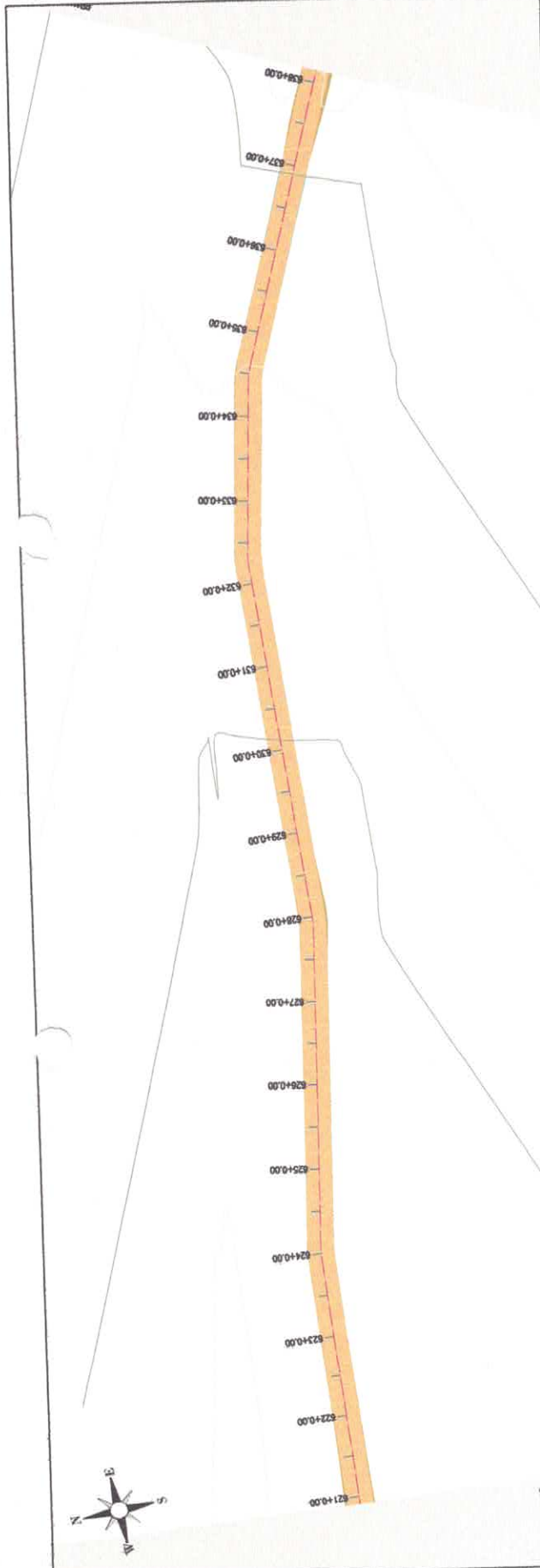
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX

ESTACQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.418/DCE
ARQUIVO: 4 - REV. S. D. 116 A. AREL_1-66.56_GEOM_82.DWG



Cláudio José Queiroz Barrios
CLÁUDIO JOSÉ QUEIROZ BARRIOS
Eng. Civ. - CREA 13418/DCE



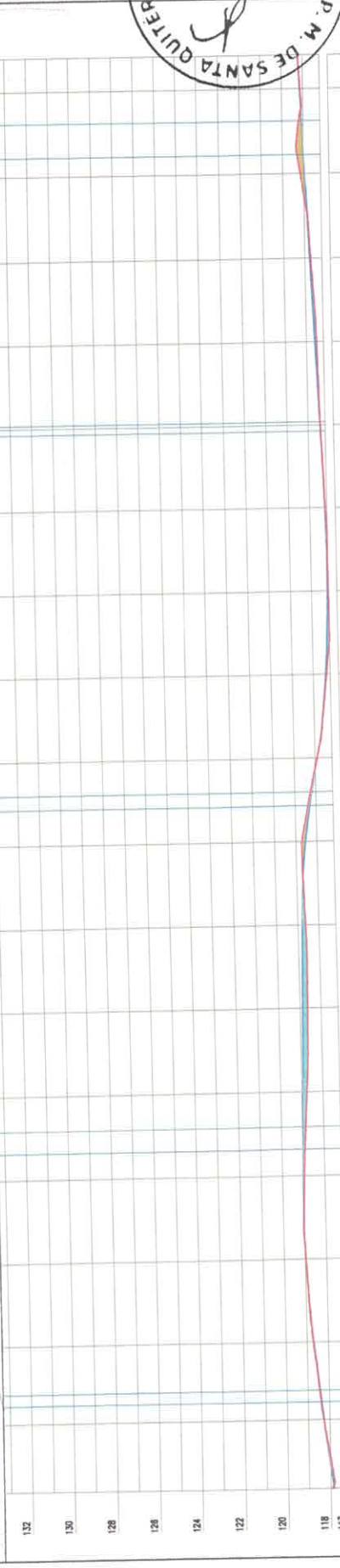
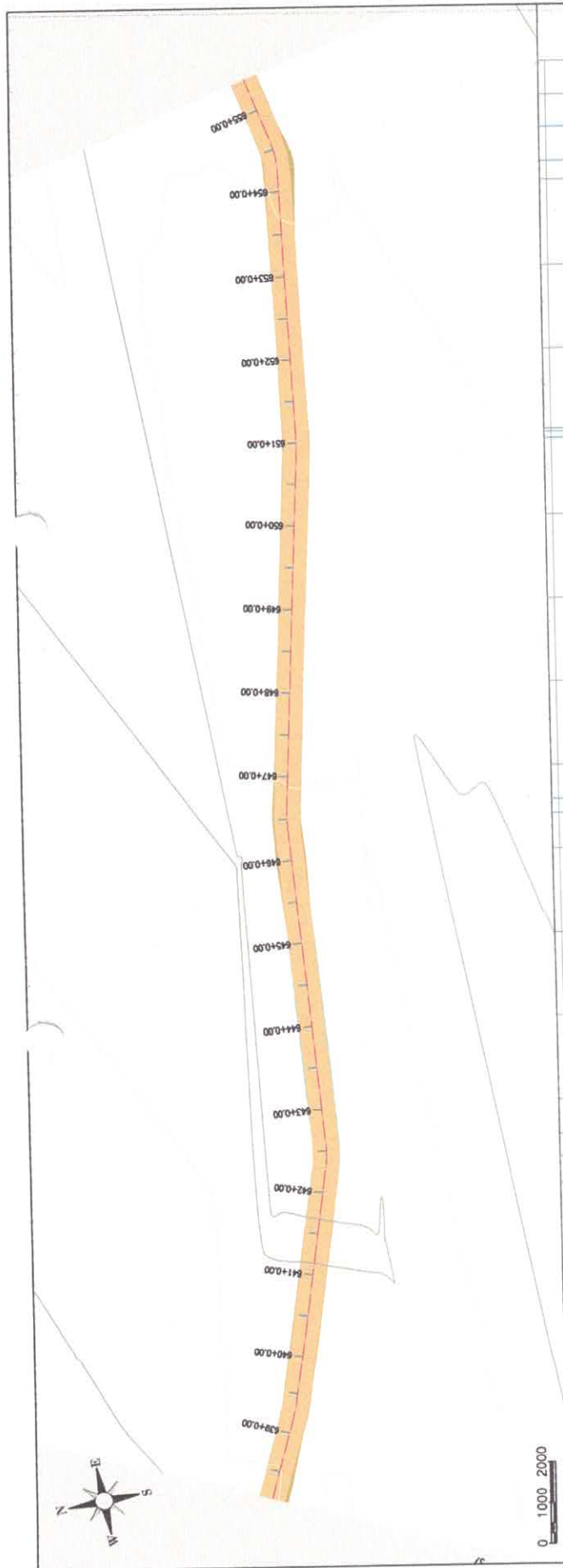
| Estação | Alt. Ex. | Alt. Proj. | Alt. Proj. | Alt. Proj. |
|---------|----------|------------|------------|------------|
| 821+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 822+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 823+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 824+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 825+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 826+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 827+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 828+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 829+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 830+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 831+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 832+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 833+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 834+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 835+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 836+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 837+00 | 114,296 | 114,271 | 114,271 | 114,271 |
| 838+00 | 114,296 | 114,271 | 114,271 | 114,271 |

FRANCHA: 37 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: CLÁUDIO JOSÉ QUEIROZ BARROS - ENG. CIVIL - CREA 13.418/DCE
 ARQUIVO: 4 - REV. S. O. LIS A AREAL_1-55-55_GEOM_P2.DWG



Cláudio José
 DTB/BARRIOS-PROJETOS
 Cláudio José Queiroz Barros
 Eng. CIVIL - CREA 13.418/DCE



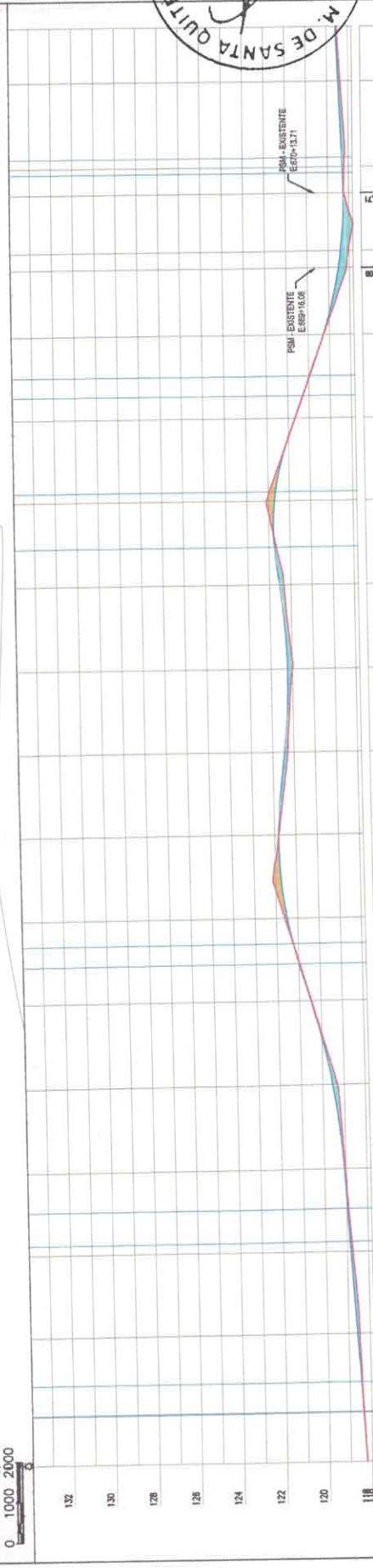
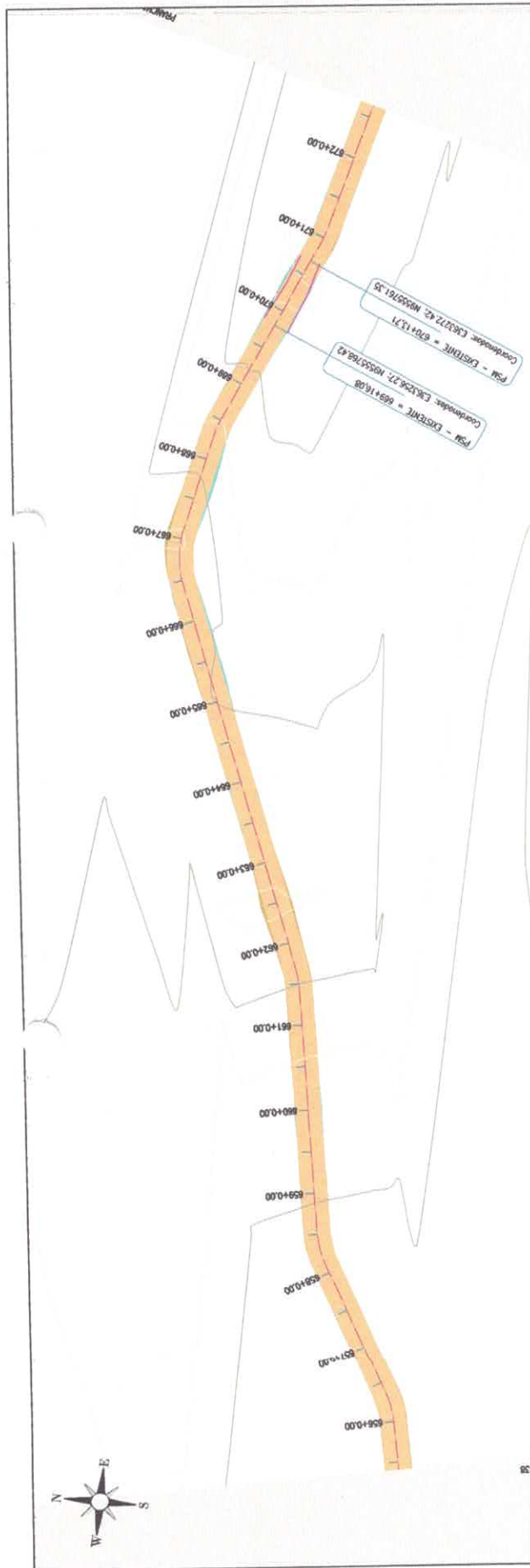


| Estaca | Cota de Referência | Cota de Projeto | Altura |
|--------|--------------------|-----------------|--------|
| 629+00 | 117,214 | 117,214 | 0,00 |
| 630+00 | 117,214 | 117,214 | 0,00 |
| 631+00 | 117,214 | 117,214 | 0,00 |
| 632+00 | 117,214 | 117,214 | 0,00 |
| 633+00 | 117,214 | 117,214 | 0,00 |
| 634+00 | 117,214 | 117,214 | 0,00 |
| 635+00 | 117,214 | 117,214 | 0,00 |
| 636+00 | 117,214 | 117,214 | 0,00 |
| 637+00 | 117,214 | 117,214 | 0,00 |
| 638+00 | 117,214 | 117,214 | 0,00 |
| 639+00 | 117,214 | 117,214 | 0,00 |
| 640+00 | 117,214 | 117,214 | 0,00 |
| 641+00 | 117,214 | 117,214 | 0,00 |
| 642+00 | 118,051 | 118,051 | 0,837 |
| 643+00 | 118,253 | 118,253 | 1,039 |
| 644+00 | 118,277 | 118,277 | 1,063 |
| 645+00 | 118,282 | 118,282 | 1,068 |
| 646+00 | 118,251 | 118,251 | 1,037 |
| 647+00 | 117,288 | 117,288 | 0,074 |
| 648+00 | 117,289 | 117,289 | 0,075 |
| 649+00 | 117,289 | 117,289 | 0,075 |
| 650+00 | 117,289 | 117,289 | 0,075 |
| 651+00 | 117,438 | 117,438 | 0,224 |
| 652+00 | 117,528 | 117,528 | 0,314 |
| 653+00 | 117,277 | 117,277 | 0,063 |
| 654+00 | 118,177 | 118,177 | 0,963 |
| 655+00 | 118,229 | 118,229 | 1,015 |

PRANCHAS: 38 / 55
 ESCALA: 1/1000
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 PROJETISTA: CLAUDIO JOSE QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.419/0CE
 ARQUIVO: 4 - REV. S. O. LIS A AREAL - 55.55_GEOM_02.DWG

Prefeitura de Santa Quitéria
 2018 04 05 14:30:02
 Claudio Jose Queiroz Barrios
 Eng. Civil - CREA 13.419/0CE

Handwritten signature and date
 2018 04 05 14:30:02
 Claudio Jose Queiroz Barrios
 Eng. Civil - CREA 13.419/0CE



| Estação | Alt. Ex. | Alt. Prop. | Inclinação (%) |
|---------|----------|------------|----------------|
| 858+00 | 118,396 | 118,379 | 106 |
| 859+00 | 118,396 | 118,379 | 106 |
| 860+00 | 118,396 | 118,379 | 106 |
| 861+00 | 118,396 | 118,379 | 106 |
| 862+00 | 118,396 | 118,379 | 106 |
| 863+00 | 118,396 | 118,379 | 106 |
| 864+00 | 118,396 | 118,379 | 106 |
| 865+00 | 118,396 | 118,379 | 106 |
| 866+00 | 118,396 | 118,379 | 106 |
| 867+00 | 118,396 | 118,379 | 106 |
| 868+00 | 118,396 | 118,379 | 106 |
| 869+00 | 118,396 | 118,379 | 106 |
| 870+00 | 118,396 | 118,379 | 106 |
| 871+00 | 118,396 | 118,379 | 106 |
| 872+00 | 118,396 | 118,379 | 106 |

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX

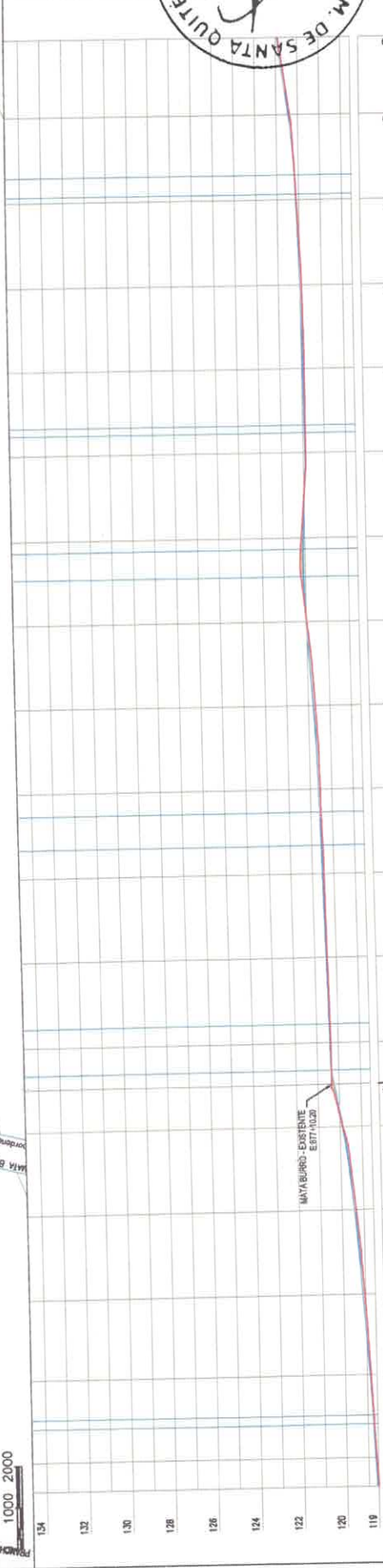
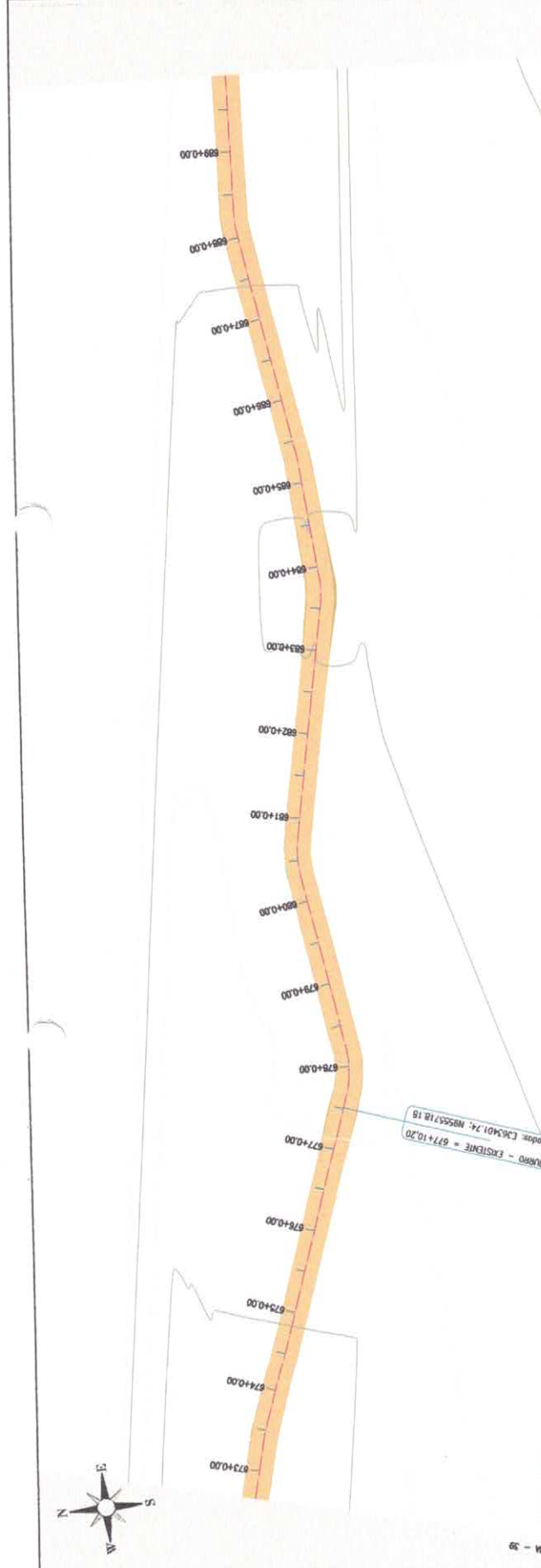
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETOISTA: CLAUDIO JOSÉ GIEIROZ BARROS - ENRº CIVIL - CREA 13.419/DCE
 ARQUIVO: 4 - REV. S. O. LIS A AREIAL - 06.05.2012.DWG

Prefeitura de Santa Quitéria

CLAUDIO JOSÉ GIEIROZ BARROS
 PROJETOISTA
 CREA 13.419/DCE

ESCALA: 1/1000

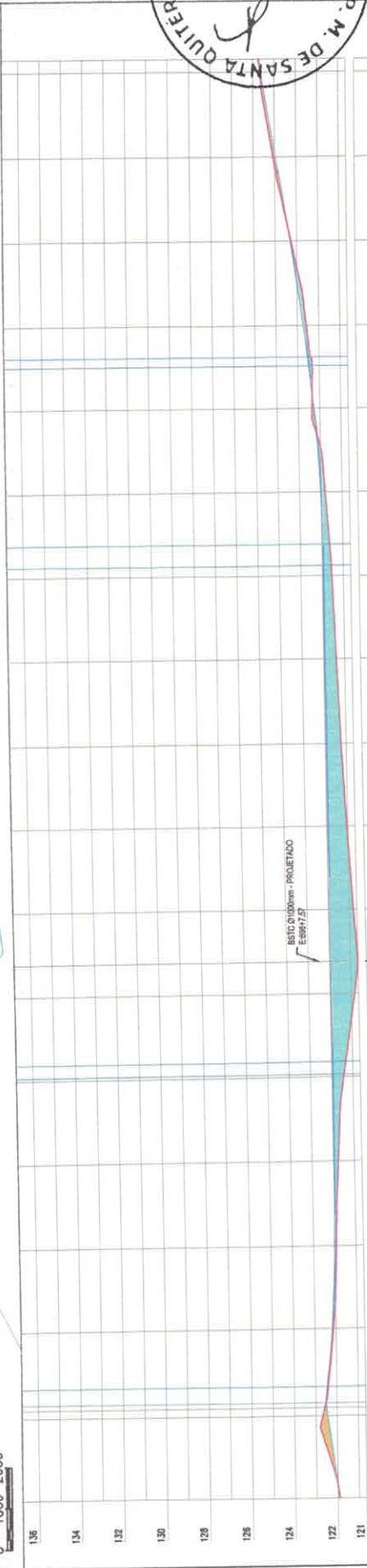
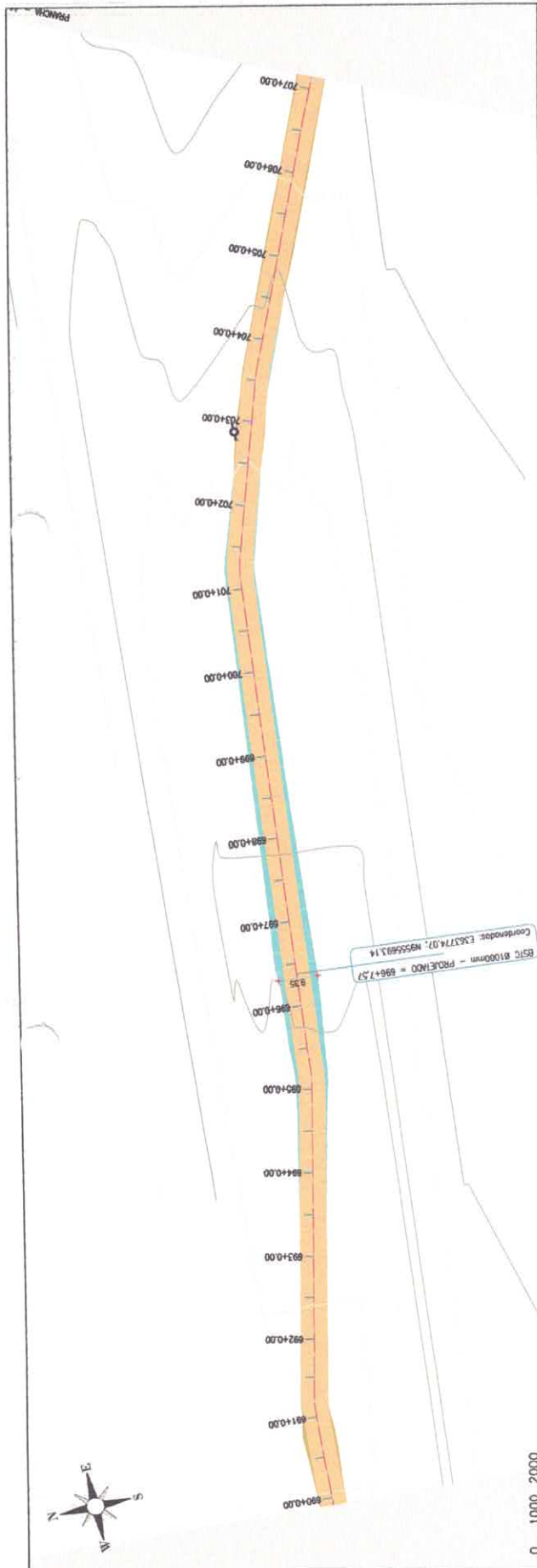


| Sta. Horizontal | Sta. de Elevação | 0,09 | 118,000 | 118,541 | 672 |
|-----------------|------------------|---------|-----------|---------|-----|
| 0,08 | 118,663 | 118,818 | 673 | | |
| 0,07 | 118,857 | 118,859 | 674 | | |
| 0,072 | 118,714 | 118,082 | 675 | | |
| 0,070 | 118,423 | 118,202 | 676 | | |
| 0,018 | 118,803 | 118,875 | 677 | | |
| -0,10 | 120,243 | 120,203 | 677+10,20 | | |
| 0,020 | 120,394 | 120,380 | 678 | | |
| 0,020 | 120,466 | 120,427 | 679 | | |
| 0,071 | 120,537 | 120,466 | 680 | | |
| 0,088 | 120,614 | 120,547 | 681 | | |
| 0,086 | 120,776 | 120,800 | 682 | | |
| 0,027 | 121,028 | 120,892 | 683 | | |
| -0,080 | 121,085 | 121,179 | 684 | | |
| 0,011 | 120,887 | 120,888 | 685 | | |
| 0,000 | 120,842 | 120,876 | 686 | | |
| 0,082 | 121,000 | 120,838 | 687 | | |
| 0,000 | 121,133 | 121,124 | 688 | | |
| 0,003 | 121,438 | 121,376 | 689 | | |
| 0,008 | 121,800 | 121,802 | 690 | | |

PRANCHA: 40 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETADEIRO: CLAUDIO JOSE QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.419/DCE
 ARQUIVO: 4 - REV. S. G. LISIEUX AREIAL - 06.05.2020 - 02.DWG

Prefeitura de Santa Quitéria

1074 BARRIOS PROJETOS
 Claudio José Queiroz Barrios
 Eng. Civil - CREA 13419/DCE



| Estaca | Alt. de | Alt. de | Alt. de |
|--------|---------|---------|---------|
| Exis. | Projeto | Projeto | Projeto |
| 690 | 121,802 | 121,802 | 889 |
| 691 | 122,000 | 122,000 | 890 |
| 692 | 122,157 | 122,157 | 892 |
| 693 | 122,299 | 122,299 | 893 |
| 694 | 121,970 | 121,752 | 894 |
| 695 | 121,952 | 121,936 | 895 |
| 696 | 121,938 | 120,838 | 896 |
| 697 | 121,931 | 120,823 | 897 |
| 698 | 121,940 | 121,242 | 898 |
| 699 | 121,844 | 121,860 | 900 |
| 700 | 121,866 | 121,808 | 901 |
| 701 | 122,000 | 121,811 | 902 |
| 702 | 122,271 | 122,370 | 903 |
| 703 | 122,278 | 122,288 | 904 |
| 704 | 123,284 | 123,286 | 905 |
| 705 | 123,986 | 124,073 | 906 |
| 706 | 124,738 | 124,858 | 907 |
| 707 | 124,738 | 124,738 | 907 |

PRANCHA: 41 / 55

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE

TRECHO: AREIAL A LISIEUX

ESTAAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: CLAUDIO JOSE DUERZOS BARROS - ENGº CIVIL - CREA 13.419/DCE

ARQUIVO: 4 - REV. S. O. LIS A AREL_1-55-55_GEOM_RZ.DWG



Projeto de Santa Quitéria

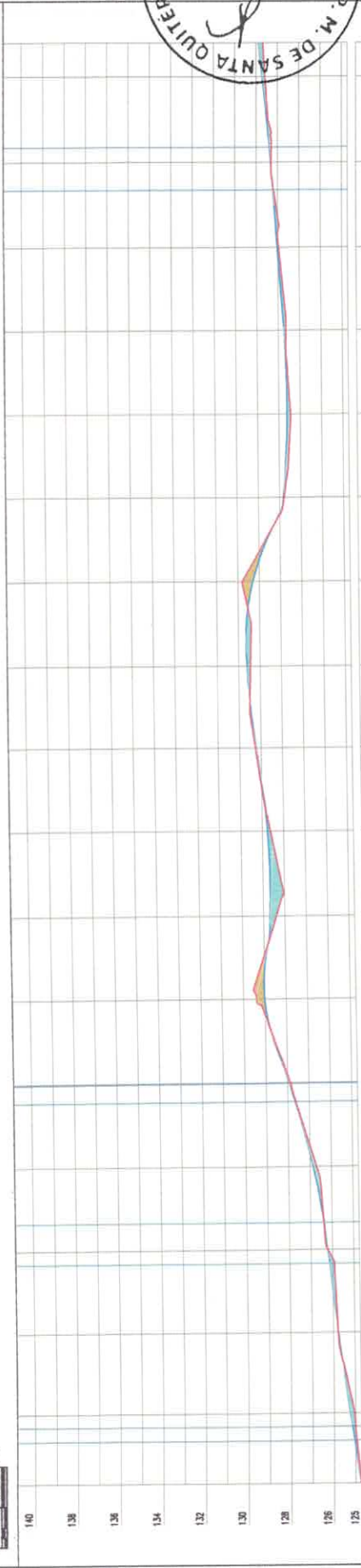
1012 BARROS PROJETOS

Cláudio José Duerzos Barros

Engº Civ. - CREA 13.419/DCE



0 1000 2000



| Estaca | Cota da Base | Cota da Cota da Estrada |
|--------|--------------|-------------------------|
| 707 | 124,238 | 124,230 |
| 708 | 125,290 | 125,040 |
| 709 | 125,789 | 125,788 |
| 710 | 126,294 | 126,294 |
| 711 | 126,803 | 126,808 |
| 712 | 127,308 | 127,304 |
| 713 | 127,807 | 127,800 |
| 714 | 128,302 | 128,303 |
| 715 | 128,796 | 128,800 |
| 716 | 129,288 | 129,288 |
| 717 | 129,778 | 129,777 |
| 718 | 130,265 | 129,760 |
| 719 | 130,749 | 129,737 |
| 720 | 131,230 | 129,709 |
| 721 | 131,708 | 129,678 |
| 722 | 132,182 | 129,644 |
| 723 | 132,653 | 129,605 |
| 724 | 133,120 | 129,562 |

PRANCHA: PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX

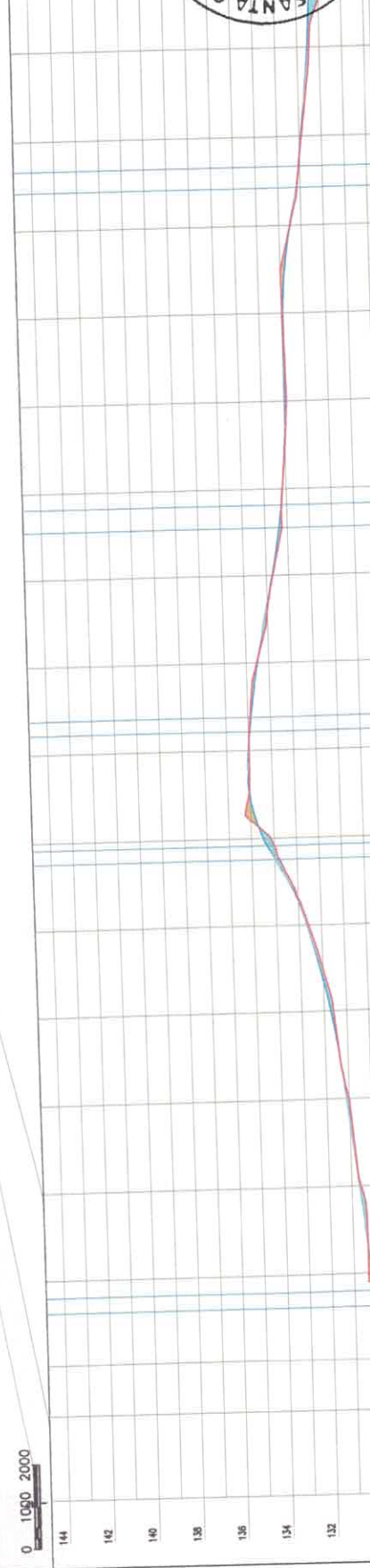
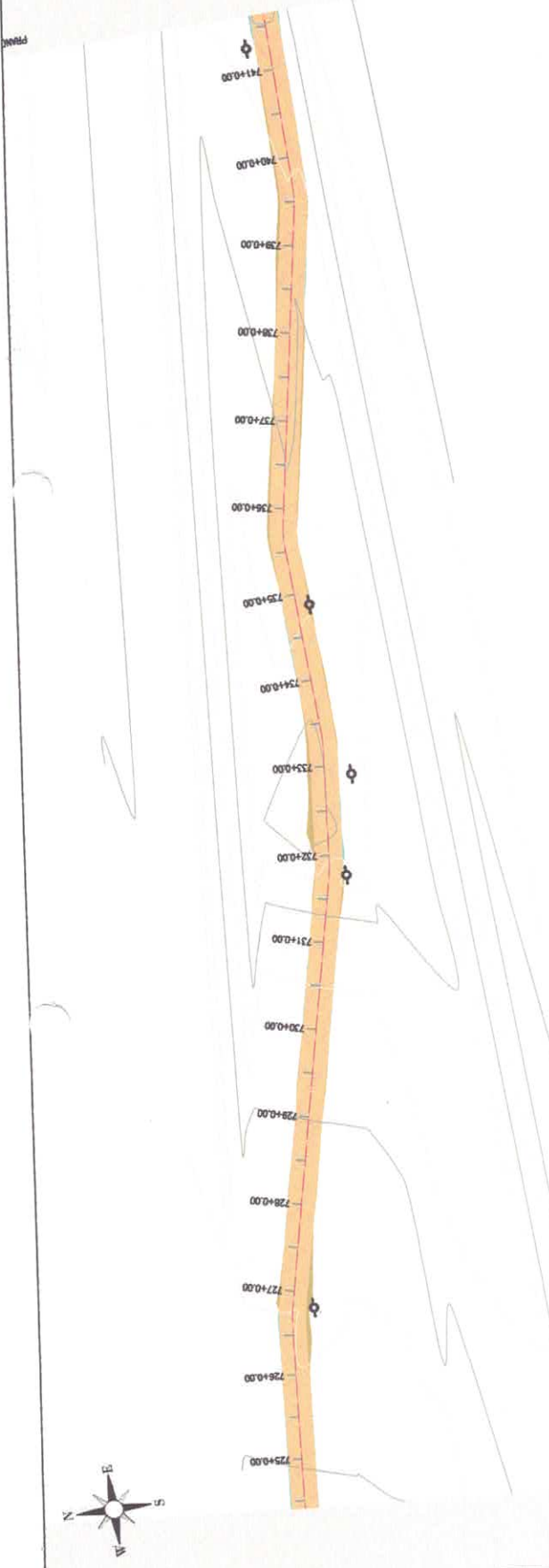
ESTAJAMENTO E PERFIL LONGITUDINAL

PROJETISTA: CLAUDIO JOSE QUEIROZ BARROS - ENG. CIVIL - CRECA 13.416/CE
ARQUIVO: 4 - REV. S. Q. LIS A AREI_1-55-55_GEOM_P2.DWG

ESCALA: 1/1000

Prefeitura de Santa Quitéria

Cláudio José Queiroz Barros
2019 BARROS PROJETOS
Cadastrado em Santa Quitéria
CPF 047.084.130/0-0



| Estação | Alt. de Projeto | Alt. de Terreno |
|----------|-----------------|-----------------|
| 725+0.00 | 138.882 | 138.882 |
| 726+0.00 | 138.874 | 138.753 |
| 727+0.00 | 138.183 | 138.248 |
| 728+0.00 | 138.448 | 138.591 |
| 729+0.00 | 138.117 | 137.827 |
| 730+0.00 | 137.708 | 137.588 |
| 731+0.00 | 137.820 | 137.578 |
| 732+0.00 | 137.408 | 137.188 |
| 733+0.00 | 136.820 | 136.801 |
| 734+0.00 | 136.515 | 136.534 |
| 735+0.00 | 136.232 | 136.272 |
| 736+0.00 | 135.180 | 135.174 |
| 737+0.00 | 135.242 | 135.289 |
| 738+0.00 | 135.834 | 135.865 |
| 739+0.00 | 135.511 | 135.555 |
| 740+0.00 | 135.818 | 135.883 |
| 741+0.00 | 135.280 | 135.488 |

PRANCHA: 43 / 55

ESCALA: 1/1000

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE

TRECHO: AREAL A LISIEUX

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: CLAUDIO JOSE QUEIROZ BARROS - ENCT CIVIL - CREBA 13.618002

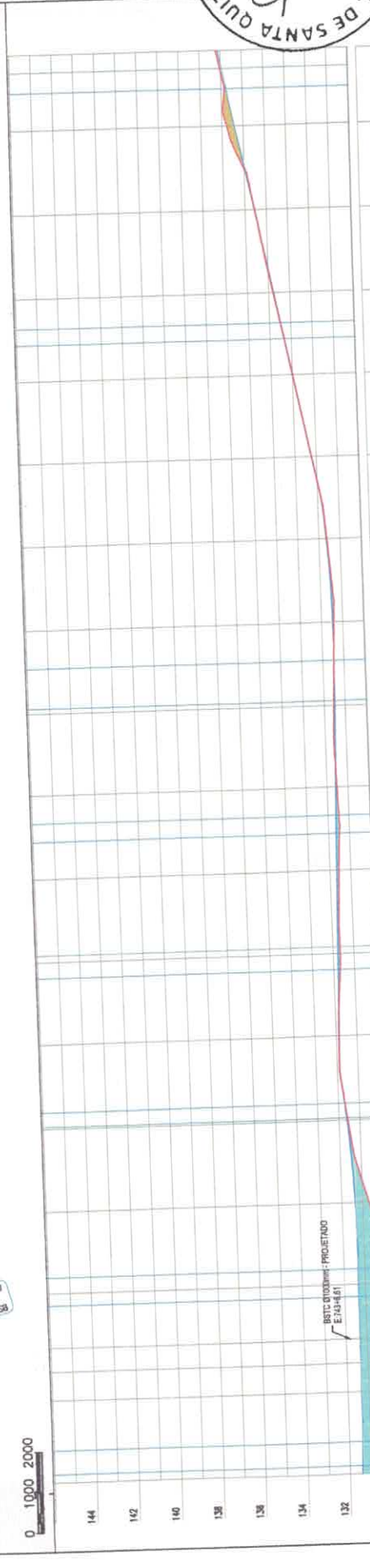
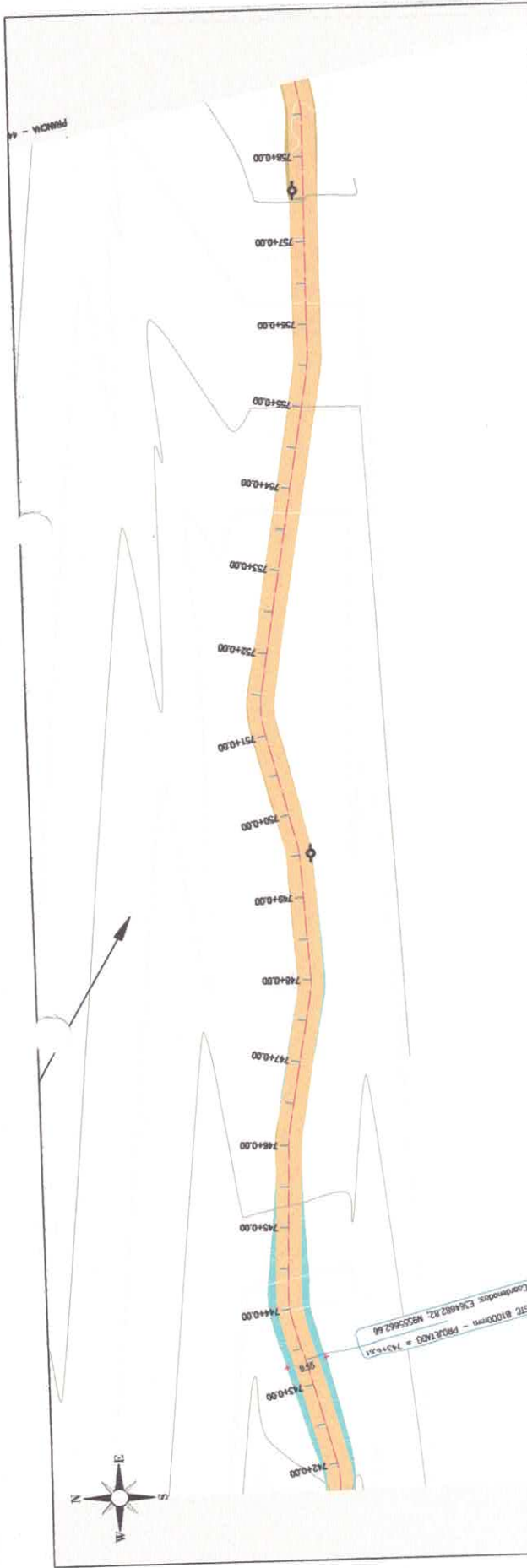
ARQUIVO: 4 - REV. S. O. LUIS A AREL_1-55_55_GEOM_P2.DWG



Cláudio José Queiroz Barros

CLÁUDIO JOSE QUEIROZ BARROS - ENCT CIVIL - CREBA 13.618002

Proj. Civil - CREBA 13.618002



| Estação | Cota de Eixo da Estrada | Cota de Interseção com o Terreno |
|---------|-------------------------|----------------------------------|
| 742+00 | 130,294 | 130,294 |
| 743+00 | 130,120 | 130,120 |
| 744+00 | 130,070 | 130,070 |
| 745+00 | 130,703 | 130,703 |
| 746+00 | 131,202 | 131,202 |
| 747+00 | 131,816 | 131,816 |
| 748+00 | 131,977 | 131,977 |
| 749+00 | 131,883 | 131,883 |
| 750+00 | 131,889 | 131,889 |
| 751+00 | 131,772 | 131,772 |
| 752+00 | 131,792 | 131,792 |
| 753+00 | 131,889 | 131,889 |
| 754+00 | 131,894 | 131,894 |
| 755+00 | 131,894 | 131,894 |
| 756+00 | 132,003 | 132,003 |
| 757+00 | 132,792 | 132,792 |
| 758+00 | 133,204 | 133,204 |

PRANCHA: PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE 44 / 55

ESCALA: 1/1000

TRRECHO: AREAL A LISIEUX

ESTAQUEAMENTO E PERFIL LONGITUDINAL

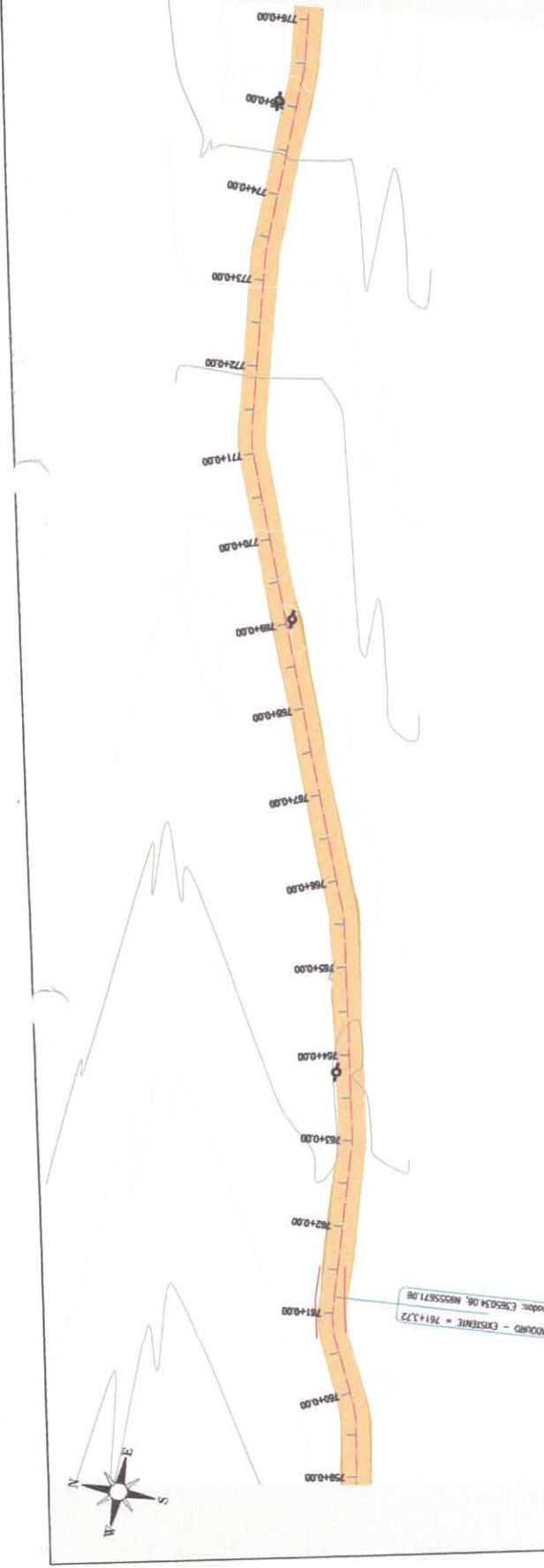
PROJETISTA: CLÁUDIO JOSÉ QUEIROZ BARROS - ENFº CIVIL - CREA 13.418/CE

ARQUIVO: 4 - REV. S. O. LIS A AREL_1 - 55.55 - GEON_RJ.DWG

Prefeitura de Santa Quitéria

CLÁUDIO JOSÉ QUEIROZ BARROS
PROJETOS DE OBRAS DE INFRAESTRUTURA
CALLEJO JOSÉ QUEIROZ BARROS
ENFº CIVIL - CREA 13.418/CE

PRONCHA - 45



| Estação | Alt. (m) | Estação | Alt. (m) |
|---------|----------|---------|----------|
| 758+00 | 136.47 | 761+00 | 138.29 |
| 759+00 | 136.81 | 762+00 | 138.44 |
| 760+00 | 136.81 | 763+00 | 138.27 |
| 761+00 | 136.81 | 764+00 | 138.44 |
| 762+00 | 136.81 | 765+00 | 138.27 |
| 763+00 | 136.81 | 766+00 | 138.44 |
| 764+00 | 136.81 | 767+00 | 138.27 |
| 765+00 | 136.81 | 768+00 | 138.44 |
| 766+00 | 136.81 | 769+00 | 138.27 |
| 767+00 | 136.81 | 770+00 | 138.44 |
| 768+00 | 136.81 | 771+00 | 138.27 |
| 769+00 | 136.81 | 772+00 | 138.44 |
| 770+00 | 136.81 | 773+00 | 138.27 |
| 771+00 | 136.81 | 774+00 | 138.44 |
| 772+00 | 136.81 | 775+00 | 138.27 |
| 773+00 | 136.81 | 776+00 | 138.44 |
| 774+00 | 136.81 | 777+00 | 138.27 |
| 775+00 | 136.81 | 778+00 | 138.44 |

FRANCHA:
45 / 55

ESCALA:
 1/1000

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX

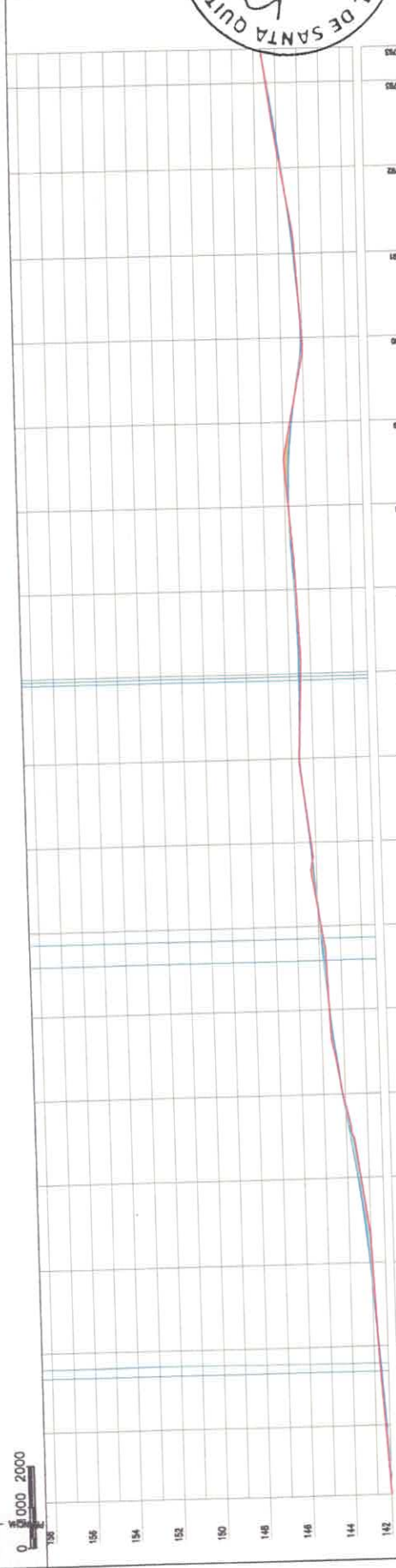
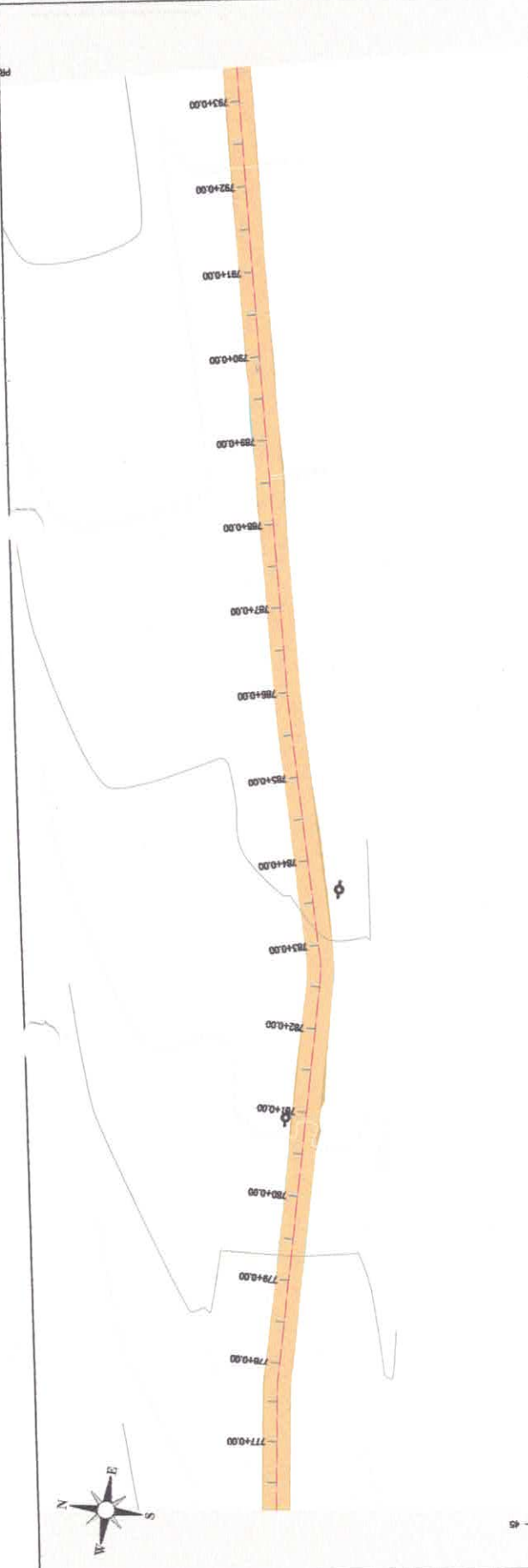
ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETA: CLÁUDIO JOSÉ QUEIROZ BARROS - ENG. CIVIL - CREA 13.418/CE
 ARQUIVO: 4-REV_S.O._LIS A AREL_1-55-55_GEOM_PD.DWG

Prefeitura de
Santa Quitéria

Cláudio José Queiroz Barros
 Eng. Civil - CREA 13.418/CE

Projeto de
 100% BARRIOS PROJETOS
 Claudio Jose Queiroz Barros
 Eng. Civil - CREA 13.418/CE



| Cota | Data de Estabelecimento | Data de Estabelecimento | Data de Estabelecimento |
|------|-------------------------|-------------------------|-------------------------|
| 142 | 142,287 | 142,287 | 775 |
| 144 | 142,297 | 142,297 | 776 |
| 146 | 142,307 | 142,307 | 777 |
| 148 | 142,317 | 142,317 | 778 |
| 150 | 142,327 | 142,327 | 779 |
| 152 | 142,337 | 142,337 | 780 |
| 154 | 142,347 | 142,347 | 781 |
| 156 | 142,357 | 142,357 | 782 |
| 158 | 142,367 | 142,367 | 783 |
| 142 | 144,129 | 144,129 | 784 |
| 144 | 144,916 | 144,916 | 785 |
| 146 | 145,719 | 145,719 | 786 |
| 148 | 146,548 | 146,548 | 787 |
| 150 | 147,409 | 147,409 | 788 |
| 152 | 148,300 | 148,300 | 789 |
| 154 | 149,222 | 149,222 | 790 |
| 156 | 150,175 | 150,175 | 791 |
| 158 | 151,158 | 151,158 | 792 |
| 142 | 145,000 | 145,000 | 793 |
| 144 | 145,000 | 145,000 | 794 |
| 146 | 145,000 | 145,000 | 795 |
| 148 | 145,000 | 145,000 | 796 |
| 150 | 145,000 | 145,000 | 797 |
| 152 | 145,000 | 145,000 | 798 |
| 154 | 145,000 | 145,000 | 799 |
| 156 | 145,000 | 145,000 | 800 |
| 158 | 145,000 | 145,000 | 801 |
| 142 | 145,000 | 145,000 | 802 |
| 144 | 145,000 | 145,000 | 803 |
| 146 | 145,000 | 145,000 | 804 |
| 148 | 145,000 | 145,000 | 805 |
| 150 | 145,000 | 145,000 | 806 |
| 152 | 145,000 | 145,000 | 807 |
| 154 | 145,000 | 145,000 | 808 |
| 156 | 145,000 | 145,000 | 809 |
| 158 | 145,000 | 145,000 | 810 |
| 142 | 145,000 | 145,000 | 811 |
| 144 | 145,000 | 145,000 | 812 |
| 146 | 145,000 | 145,000 | 813 |
| 148 | 145,000 | 145,000 | 814 |
| 150 | 145,000 | 145,000 | 815 |
| 152 | 145,000 | 145,000 | 816 |
| 154 | 145,000 | 145,000 | 817 |
| 156 | 145,000 | 145,000 | 818 |
| 158 | 145,000 | 145,000 | 819 |
| 142 | 145,000 | 145,000 | 820 |

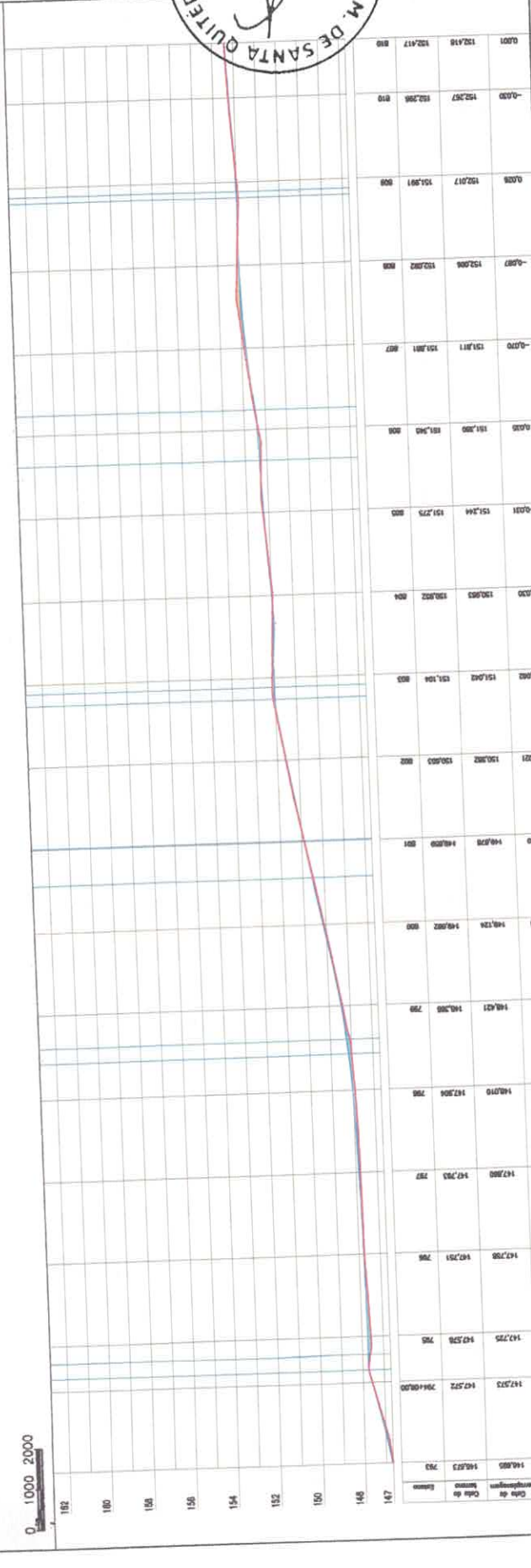
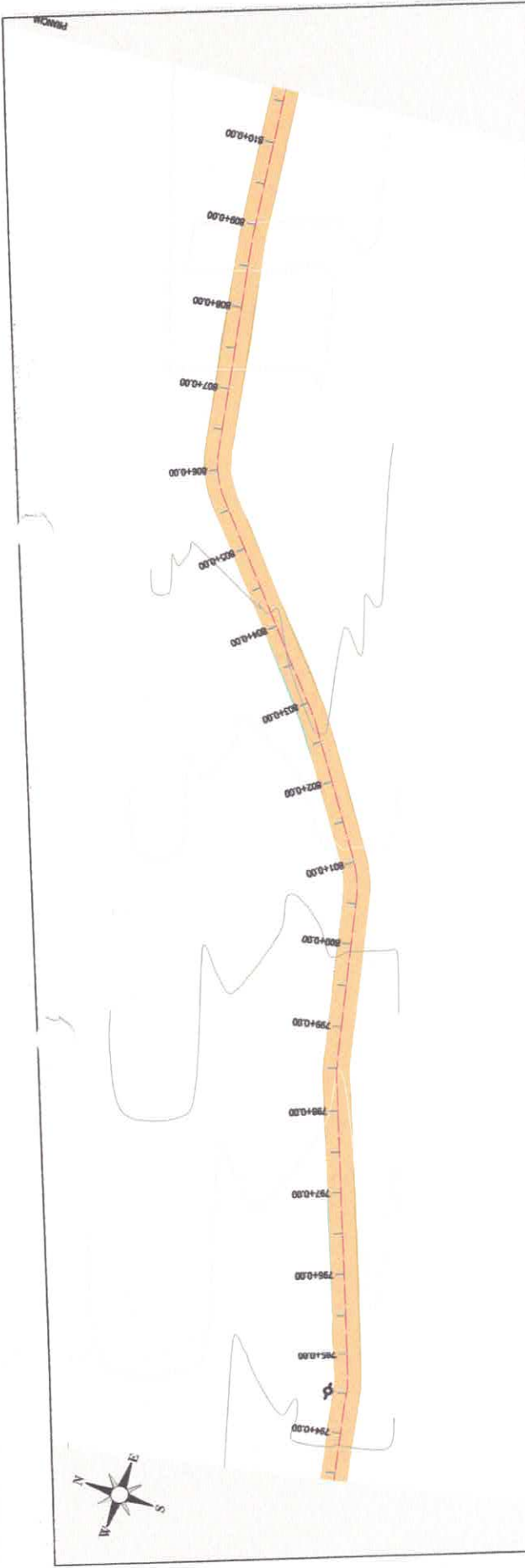
PRONOME: 46 / 55
 ESCALA: 1/1000

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX

ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETISTA: CLAUDIO JOSÉ GONZALEZ BARRIOS - ENG. CIVIL - CREA 13.418/00CE
 ARQUIVO: 4 - REV. S. O. LIS A AREL. 1-55.55. GEOM. PZ.DWG



Claudio José
 CLAUDIO JOSÉ GONZALEZ BARRIOS
 Eng. Civil - CREA 13.418/00 CE



| DATA | ESTADO | PROJETO | PROJETA | ARQUIVO |
|--------|---------|---------|------------|---------|
| 02/22 | 146,885 | 146,873 | 793 | |
| 02/01 | 147,573 | 147,572 | 794+00,000 | |
| 01/46 | 143,725 | 147,528 | 795 | |
| 02/07 | 143,730 | 147,751 | 796 | |
| 02/07 | 147,200 | 147,753 | 797 | |
| 01/06 | 148,070 | 147,904 | 798 | |
| 02/03 | 148,431 | 148,200 | 799 | |
| 02/43 | 148,734 | 148,882 | 800 | |
| 02/00 | 149,670 | 149,899 | 801 | |
| -02/01 | 150,882 | 150,853 | 802 | |
| -02/02 | 151,042 | 151,104 | 803 | |
| 02/00 | 150,883 | 150,922 | 804 | |
| -02/01 | 151,244 | 151,275 | 805 | |
| 02/05 | 151,200 | 151,243 | 806 | |
| -02/00 | 151,811 | 151,801 | 807 | |
| -02/07 | 152,006 | 152,092 | 808 | |
| 02/08 | 152,017 | 151,991 | 809 | |
| -02/00 | 152,267 | 152,296 | 810 | |
| 02/01 | 152,416 | 152,417 | 810 | |

PRANCHETA: 47 / 55

ESCALA: 1/1000

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE

TRECHO: AREIAL A LISIEUX

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETA: CLAUDIO JOSÉ QUEIROZ BARROS - ENGº CIVIL - CREA 13.4190/CE

ARQUIVO: 4 - REV. S. O. LIS A AREL - 56.55 - GEOM_R2.DWG



Cláudio José Queiroz Barros

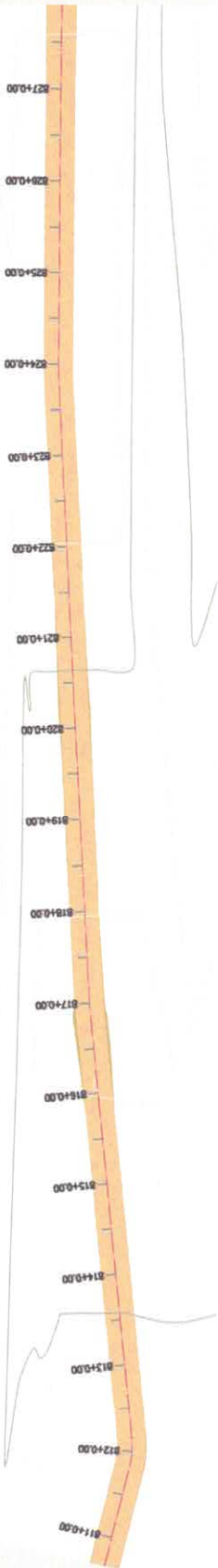
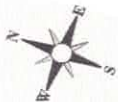
PROJETA

CLAUDIO JOSÉ QUEIROZ BARROS

ENGº CIVIL - CREA 13.4190/CE

0 1000 2000

PRANCHA - 48



0 1000 2000

106
104
102
100
98
96
94
92

| Sta. Vertic. (m) | Sta. Horiz. (m) | Sta. Horiz. (m) | Sta. Horiz. (m) |
|------------------|-----------------|-----------------|-----------------|
| 0.001 | 152.418 | 152.417 | 810 |
| 0.012 | 152.245 | 152.203 | 811+13.00 |
| 0.020 | 152.574 | 152.544 | 812 |
| 0.030 | 152.888 | 152.788 | 813 |
| 0.040 | 153.202 | 153.162 | 814 |
| 0.045 | 153.538 | 153.403 | 815 |
| 0.058 | 153.880 | 153.772 | 816 |
| -0.030 | 154.438 | 154.488 | 817 |
| 0.061 | 154.951 | 155.050 | 818 |
| -0.005 | 155.516 | 155.505 | 819 |
| -0.064 | 155.674 | 155.587 | 820 |
| 0.071 | 155.280 | 155.280 | 821 |
| 0.085 | 155.044 | 155.007 | 822 |
| 0.077 | 151.908 | 151.823 | 823 |
| 0.075 | 151.777 | 151.794 | 824 |
| 0.090 | 151.557 | 151.688 | 825 |
| 0.090 | 151.523 | 151.774 | 826 |
| 0.088 | 151.823 | 151.856 | 827 |
| 0.007 | 152.000 | 152.003 | 828 |

FRANCHA: 48 / 55
ESCALA: 1/1000

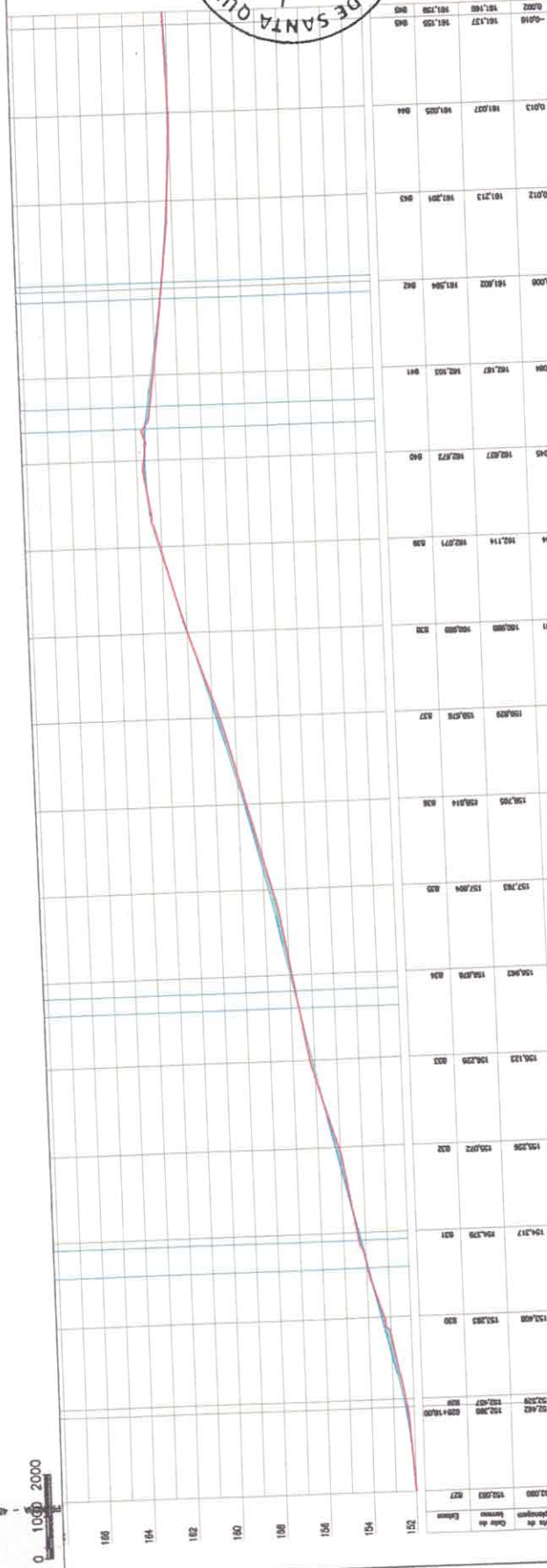
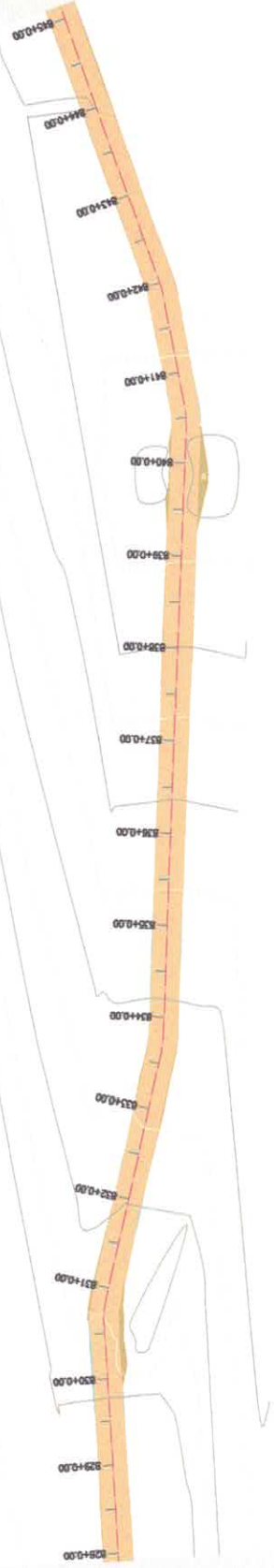
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LIBIEUX

PROJETISTA: CLAUDIO JOSE QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.418/0CE
ARQUIVO: 4 - REV. S. O. LIS A AREL1-55-55_DECOM_102.DWG



Cláudio José Queiroz Barrios
JOÃO BARRIOS PROJETOS
Cidade de Santa Quitéria - CE
E-mail: cjb@projeto.com.br

VICINHA



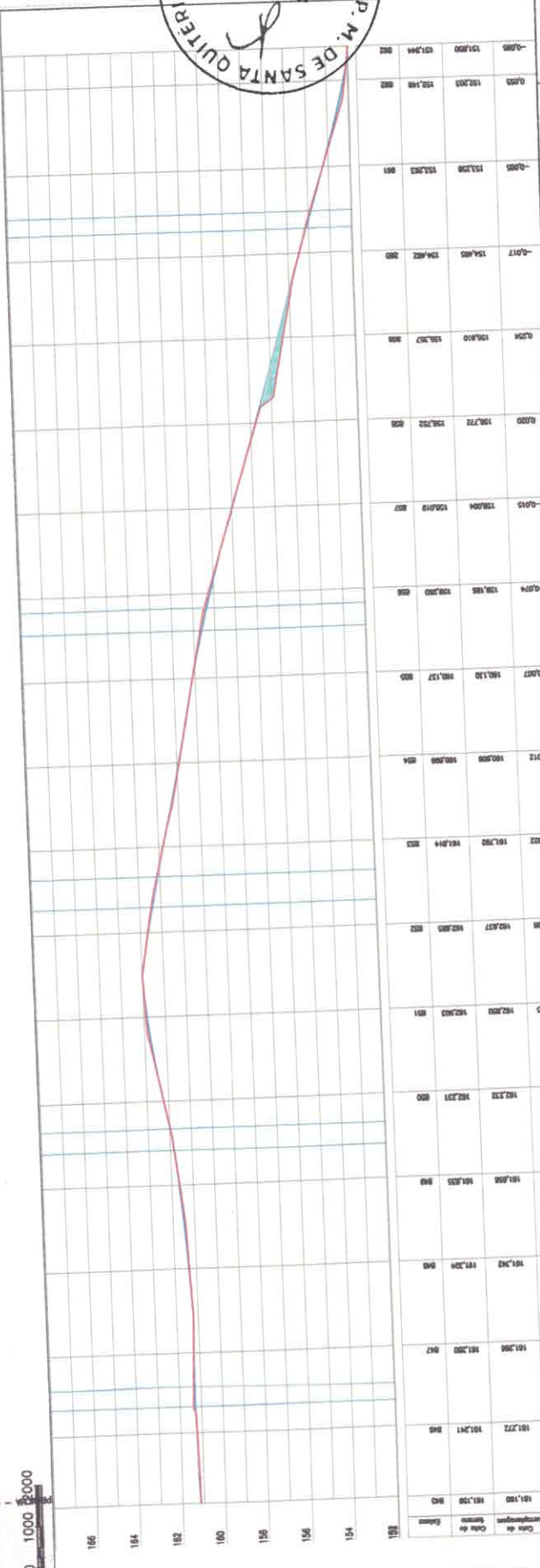
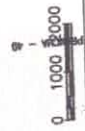
| DATA | DATA DE | DATA DE | DATA DE |
|---------|---------|---------|--------------|
| REVISÃO | REVISÃO | REVISÃO | REVISÃO |
| 0.007 | 152.080 | 152.083 | 027 |
| 0.074 | 152.462 | 152.086 | 028 + 16.000 |
| 0.073 | 152.239 | 152.437 | 029 |
| 0.125 | 153.408 | 153.863 | 030 |
| -0.082 | 154.217 | 154.379 | 031 |
| 0.155 | 154.295 | 155.072 | 032 |
| -0.104 | 154.123 | 154.229 | 033 |
| 0.080 | 154.943 | 154.076 | 034 |
| 0.150 | 157.263 | 157.804 | 035 |
| 0.091 | 158.705 | 159.814 | 036 |
| 0.153 | 159.825 | 159.274 | 037 |
| -0.091 | 160.080 | 160.009 | 038 |
| 0.044 | 162.114 | 162.071 | 039 |
| -0.045 | 162.027 | 162.073 | 040 |
| 0.094 | 162.187 | 162.103 | 041 |
| 0.000 | 161.022 | 161.204 | 042 |
| 0.072 | 161.213 | 161.201 | 043 |
| 0.073 | 161.027 | 161.203 | 044 |
| -0.010 | 161.327 | 161.255 | 045 |
| 0.022 | 161.168 | 161.258 | 046 |

Prefeitura de Santa Quitéria

PROJETADE: CLAUDIO JOSÉ QUEIROZ BARROS - ENGR. CIVIL - CREA 13.4.19/00CE
ARQUIVO: 4 - REV. S. O. LIS A AREL - 55.55_GEOML_PEL.DWG

ESTAQUEAMENTO E PERFIL LONGITUDINAL
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREAL A LISIEUX

PRANCHA: 49 / 55
ESCALA: 1/1000



| Estaca | Cota de Projeto | Cota de Terreno | Altura |
|--------|-----------------|-----------------|--------|
| 846 | 151,272 | 151,241 | 846 |
| 847 | 151,298 | 151,200 | 847 |
| 848 | 151,242 | 151,229 | 848 |
| 849 | 151,208 | 151,255 | 849 |
| 850 | 151,235 | 152,231 | 850 |
| 851 | 152,250 | 152,202 | 851 |
| 852 | 152,257 | 152,203 | 852 |
| 853 | 151,792 | 151,814 | 853 |
| 854 | 152,208 | 152,208 | 854 |
| 855 | 152,130 | 152,137 | 855 |
| 856 | 152,188 | 152,180 | 856 |
| 857 | 152,019 | 152,019 | 857 |
| 858 | 152,722 | 152,722 | 858 |
| 859 | 152,610 | 152,527 | 859 |
| 860 | 154,663 | 154,662 | 860 |
| 861 | 153,228 | 153,283 | 861 |
| 862 | 152,203 | 152,148 | 862 |
| 863 | 151,800 | 151,744 | 863 |

PRANCHA: 50 / 55
ESCALA: 1/1000

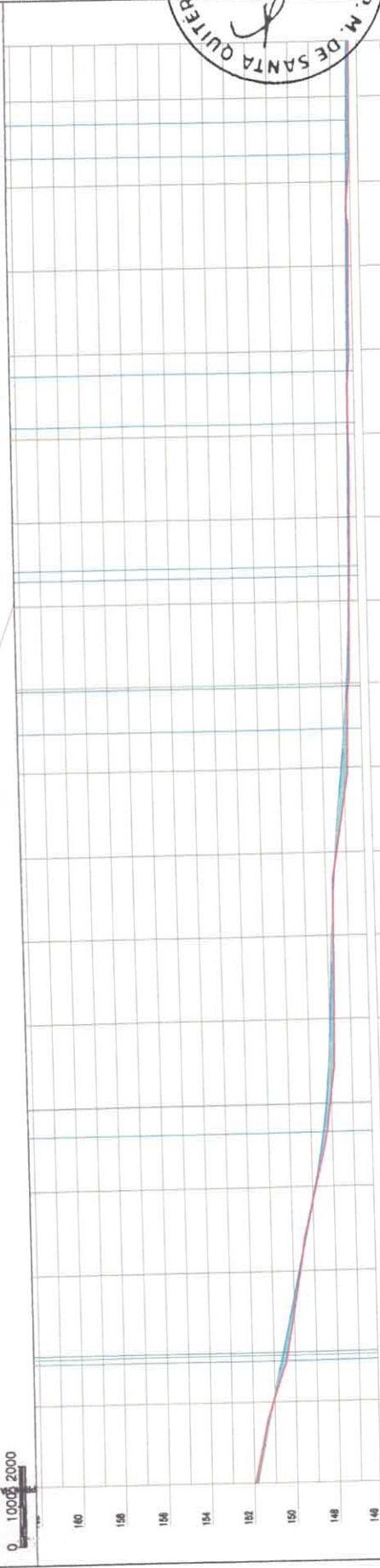
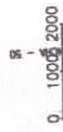
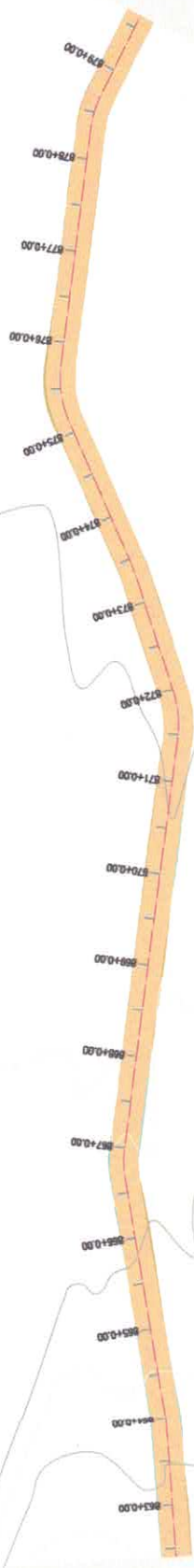
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX

ESTAQUEAMENTO E PERFIL LONGITUDINAL

PROJETISTA: CLAUDIO JOSÉ GUEBROS BARROS - ENG. CIVIL - CREA 13.419/DCE
ARQUIVO: 4 - REV. S. Q. LISIEUX AREIAL - 50.55_GERAL_R2.DWG



Projeto de
016 BARROS PROJETOS
Claudio José Guebros Barros
Eng. Civil - 066.13419/DCE



| Estaca | Cota de | Cota de | Estaca |
|------------|-----------|-----------|------------|
| Existentes | Propostas | Propostas | Existentes |
| 863 | 151,344 | 151,300 | 863 |
| 864 | 150,300 | 150,300 | 864 |
| 865 | 150,300 | 150,300 | 865 |
| 866 | 150,300 | 150,300 | 866 |
| 867 | 150,300 | 150,300 | 867 |
| 868 | 150,300 | 150,300 | 868 |
| 869 | 150,300 | 150,300 | 869 |
| 870 | 150,300 | 150,300 | 870 |
| 871 | 150,300 | 150,300 | 871 |
| 872 | 150,300 | 150,300 | 872 |
| 873 | 150,300 | 150,300 | 873 |
| 874 | 150,300 | 150,300 | 874 |
| 875 | 150,300 | 150,300 | 875 |
| 876 | 150,300 | 150,300 | 876 |
| 877 | 150,300 | 150,300 | 877 |
| 878 | 150,300 | 150,300 | 878 |
| 879 | 150,300 | 150,300 | 879 |

PRANCHA: **51 / 55**

ESCALA: **1/1000**

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE

RECUPERAÇÃO DE ESTRADAS VICINAS NO MUNICÍPIO DE SANTA QUITERIA / CE

TRECHO: AREIAL A LISIEUX

ESTACQUEAMENTO E PERFIL LONGITUDINAL

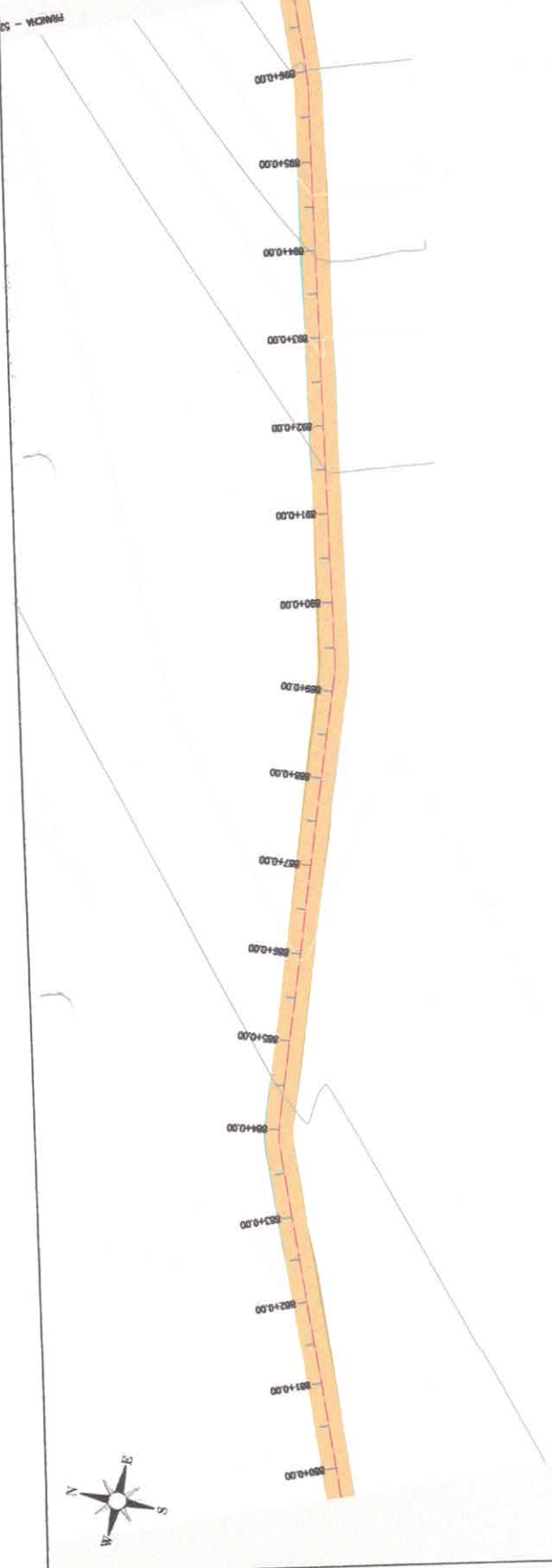
PROJETISTA: CLAUDIO JOSE QUEIROZ BARRIOS - ENG. CIVIL - CREA 13.14190/CE

ARQUIVO: 4 - REV. 5 - Q. 105 A. AREIAL - 15.05.05 - REGM. P2.DWG



[Handwritten Signature]

PROJETOS
DE BARRIOS PROJETOS
CLAUDIO JOSE QUEIROZ BARRIOS
Eng. Civil - CREA 13.14190/CE



| Estaca | Cota de Referência | Cota de Projeto | Altura |
|--------|--------------------|-----------------|--------|
| 0+00 | 148,129 | 148,129 | 0,00 |
| 0+10 | 148,129 | 148,129 | 0,00 |
| 0+20 | 148,129 | 148,129 | 0,00 |
| 0+30 | 148,129 | 148,129 | 0,00 |
| 0+40 | 148,129 | 148,129 | 0,00 |
| 0+50 | 148,129 | 148,129 | 0,00 |
| 0+60 | 148,129 | 148,129 | 0,00 |
| 0+70 | 148,129 | 148,129 | 0,00 |
| 0+80 | 148,129 | 148,129 | 0,00 |
| 0+90 | 148,129 | 148,129 | 0,00 |
| 1+00 | 148,129 | 148,129 | 0,00 |
| 1+10 | 148,129 | 148,129 | 0,00 |
| 1+20 | 148,129 | 148,129 | 0,00 |
| 1+30 | 148,129 | 148,129 | 0,00 |
| 1+40 | 148,129 | 148,129 | 0,00 |
| 1+50 | 148,129 | 148,129 | 0,00 |
| 1+60 | 148,129 | 148,129 | 0,00 |
| 1+70 | 148,129 | 148,129 | 0,00 |
| 1+80 | 148,129 | 148,129 | 0,00 |
| 1+90 | 148,129 | 148,129 | 0,00 |
| 2+00 | 148,129 | 148,129 | 0,00 |
| 2+10 | 148,129 | 148,129 | 0,00 |
| 2+20 | 148,129 | 148,129 | 0,00 |
| 2+30 | 148,129 | 148,129 | 0,00 |
| 2+40 | 148,129 | 148,129 | 0,00 |
| 2+50 | 148,129 | 148,129 | 0,00 |
| 2+60 | 148,129 | 148,129 | 0,00 |
| 2+70 | 148,129 | 148,129 | 0,00 |
| 2+80 | 148,129 | 148,129 | 0,00 |
| 2+90 | 148,129 | 148,129 | 0,00 |
| 3+00 | 148,129 | 148,129 | 0,00 |
| 3+10 | 148,129 | 148,129 | 0,00 |
| 3+20 | 148,129 | 148,129 | 0,00 |
| 3+30 | 148,129 | 148,129 | 0,00 |
| 3+40 | 148,129 | 148,129 | 0,00 |
| 3+50 | 148,129 | 148,129 | 0,00 |
| 3+60 | 148,129 | 148,129 | 0,00 |
| 3+70 | 148,129 | 148,129 | 0,00 |
| 3+80 | 148,129 | 148,129 | 0,00 |
| 3+90 | 148,129 | 148,129 | 0,00 |
| 4+00 | 148,129 | 148,129 | 0,00 |
| 4+10 | 148,129 | 148,129 | 0,00 |
| 4+20 | 148,129 | 148,129 | 0,00 |
| 4+30 | 148,129 | 148,129 | 0,00 |
| 4+40 | 148,129 | 148,129 | 0,00 |
| 4+50 | 148,129 | 148,129 | 0,00 |
| 4+60 | 148,129 | 148,129 | 0,00 |
| 4+70 | 148,129 | 148,129 | 0,00 |
| 4+80 | 148,129 | 148,129 | 0,00 |
| 4+90 | 148,129 | 148,129 | 0,00 |
| 5+00 | 148,129 | 148,129 | 0,00 |
| 5+10 | 148,129 | 148,129 | 0,00 |
| 5+20 | 148,129 | 148,129 | 0,00 |
| 5+30 | 148,129 | 148,129 | 0,00 |
| 5+40 | 148,129 | 148,129 | 0,00 |
| 5+50 | 148,129 | 148,129 | 0,00 |
| 5+60 | 148,129 | 148,129 | 0,00 |
| 5+70 | 148,129 | 148,129 | 0,00 |
| 5+80 | 148,129 | 148,129 | 0,00 |
| 5+90 | 148,129 | 148,129 | 0,00 |
| 6+00 | 148,129 | 148,129 | 0,00 |
| 6+10 | 148,129 | 148,129 | 0,00 |
| 6+20 | 148,129 | 148,129 | 0,00 |
| 6+30 | 148,129 | 148,129 | 0,00 |
| 6+40 | 148,129 | 148,129 | 0,00 |
| 6+50 | 148,129 | 148,129 | 0,00 |
| 6+60 | 148,129 | 148,129 | 0,00 |
| 6+70 | 148,129 | 148,129 | 0,00 |
| 6+80 | 148,129 | 148,129 | 0,00 |
| 6+90 | 148,129 | 148,129 | 0,00 |
| 7+00 | 148,129 | 148,129 | 0,00 |
| 7+10 | 148,129 | 148,129 | 0,00 |
| 7+20 | 148,129 | 148,129 | 0,00 |
| 7+30 | 148,129 | 148,129 | 0,00 |
| 7+40 | 148,129 | 148,129 | 0,00 |
| 7+50 | 148,129 | 148,129 | 0,00 |
| 7+60 | 148,129 | 148,129 | 0,00 |
| 7+70 | 148,129 | 148,129 | 0,00 |
| 7+80 | 148,129 | 148,129 | 0,00 |
| 7+90 | 148,129 | 148,129 | 0,00 |
| 8+00 | 148,129 | 148,129 | 0,00 |
| 8+10 | 148,129 | 148,129 | 0,00 |
| 8+20 | 148,129 | 148,129 | 0,00 |
| 8+30 | 148,129 | 148,129 | 0,00 |
| 8+40 | 148,129 | 148,129 | 0,00 |
| 8+50 | 148,129 | 148,129 | 0,00 |
| 8+60 | 148,129 | 148,129 | 0,00 |
| 8+70 | 148,129 | 148,129 | 0,00 |
| 8+80 | 148,129 | 148,129 | 0,00 |
| 8+90 | 148,129 | 148,129 | 0,00 |
| 9+00 | 148,129 | 148,129 | 0,00 |

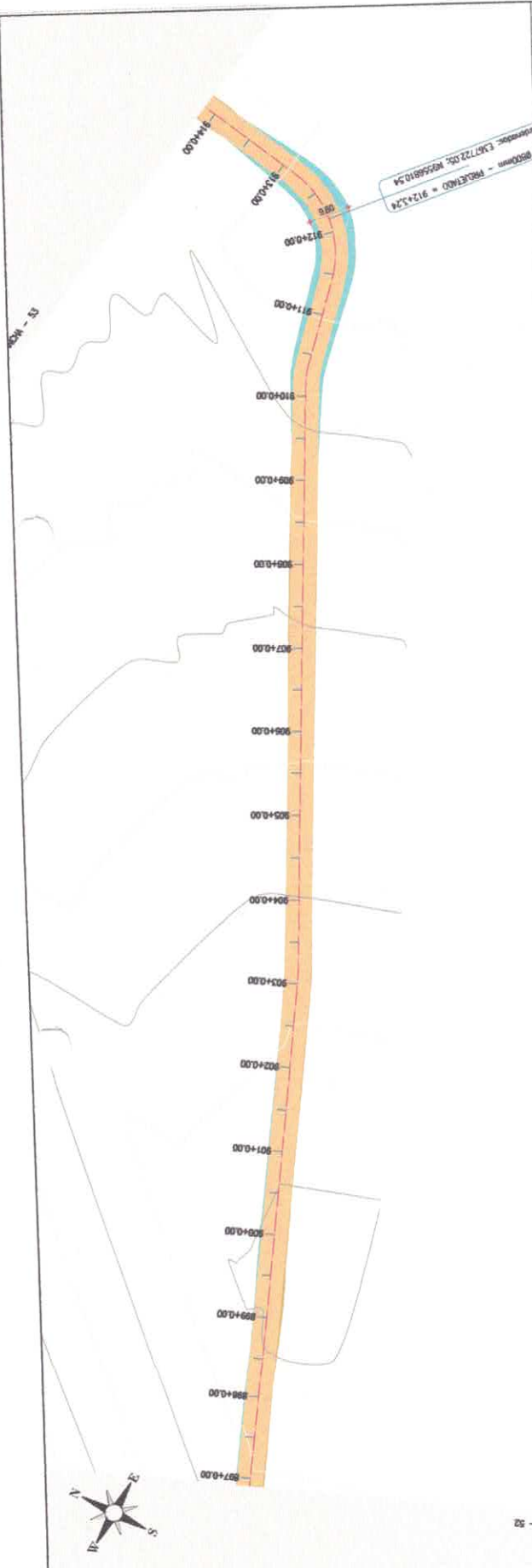
| Estaca | Cota de Referência | Cota de Projeto | Altura |
|--------|--------------------|-----------------|--------|
| 0+00 | 148,129 | 148,129 | 0,00 |
| 0+10 | 148,129 | 148,129 | 0,00 |
| 0+20 | 148,129 | 148,129 | 0,00 |
| 0+30 | 148,129 | 148,129 | 0,00 |
| 0+40 | 148,129 | 148,129 | 0,00 |
| 0+50 | 148,129 | 148,129 | 0,00 |
| 0+60 | 148,129 | 148,129 | 0,00 |
| 0+70 | 148,129 | 148,129 | 0,00 |
| 0+80 | 148,129 | 148,129 | 0,00 |
| 0+90 | 148,129 | 148,129 | 0,00 |
| 1+00 | 148,129 | 148,129 | 0,00 |
| 1+10 | 148,129 | 148,129 | 0,00 |
| 1+20 | 148,129 | 148,129 | 0,00 |
| 1+30 | 148,129 | 148,129 | 0,00 |
| 1+40 | 148,129 | 148,129 | 0,00 |
| 1+50 | 148,129 | 148,129 | 0,00 |
| 1+60 | 148,129 | 148,129 | 0,00 |
| 1+70 | 148,129 | 148,129 | 0,00 |
| 1+80 | 148,129 | 148,129 | 0,00 |
| 1+90 | 148,129 | 148,129 | 0,00 |
| 2+00 | 148,129 | 148,129 | 0,00 |
| 2+10 | 148,129 | 148,129 | 0,00 |
| 2+20 | 148,129 | 148,129 | 0,00 |
| 2+30 | 148,129 | 148,129 | 0,00 |
| 2+40 | 148,129 | 148,129 | 0,00 |
| 2+50 | 148,129 | 148,129 | 0,00 |
| 2+60 | 148,129 | 148,129 | 0,00 |
| 2+70 | 148,129 | 148,129 | 0,00 |
| 2+80 | 148,129 | 148,129 | 0,00 |
| 2+90 | 148,129 | 148,129 | 0,00 |
| 3+00 | 148,129 | 148,129 | 0,00 |
| 3+10 | 148,129 | 148,129 | 0,00 |
| 3+20 | 148,129 | 148,129 | 0,00 |
| 3+30 | 148,129 | 148,129 | 0,00 |
| 3+40 | 148,129 | 148,129 | 0,00 |
| 3+50 | 148,129 | 148,129 | 0,00 |
| 3+60 | 148,129 | 148,129 | 0,00 |
| 3+70 | 148,129 | 148,129 | 0,00 |
| 3+80 | 148,129 | 148,129 | 0,00 |
| 3+90 | 148,129 | 148,129 | 0,00 |
| 4+00 | 148,129 | 148,129 | 0,00 |
| 4+10 | 148,129 | 148,129 | 0,00 |
| 4+20 | 148,129 | 148,129 | 0,00 |
| 4+30 | 148,129 | 148,129 | 0,00 |
| 4+40 | 148,129 | 148,129 | 0,00 |
| 4+50 | 148,129 | 148,129 | 0,00 |
| 4+60 | 148,129 | 148,129 | 0,00 |
| 4+70 | 148,129 | 148,129 | 0,00 |
| 4+80 | 148,129 | 148,129 | 0,00 |
| 4+90 | 148,129 | 148,129 | 0,00 |
| 5+00 | 148,129 | 148,129 | 0,00 |
| 5+10 | 148,129 | 148,129 | 0,00 |
| 5+20 | 148,129 | 148,129 | 0,00 |
| 5+30 | 148,129 | 148,129 | 0,00 |
| 5+40 | 148,129 | 148,129 | 0,00 |
| 5+50 | 148,129 | 148,129 | 0,00 |
| 5+60 | 148,129 | 148,129 | 0,00 |
| 5+70 | 148,129 | 148,129 | 0,00 |
| 5+80 | 148,129 | 148,129 | 0,00 |
| 5+90 | 148,129 | 148,129 | 0,00 |
| 6+00 | 148,129 | 148,129 | 0,00 |
| 6+10 | 148,129 | 148,129 | 0,00 |
| 6+20 | 148,129 | 148,129 | 0,00 |
| 6+30 | 148,129 | 148,129 | 0,00 |
| 6+40 | 148,129 | 148,129 | 0,00 |
| 6+50 | 148,129 | 148,129 | 0,00 |
| 6+60 | 148,129 | 148,129 | 0,00 |
| 6+70 | 148,129 | 148,129 | 0,00 |
| 6+80 | 148,129 | 148,129 | 0,00 |
| 6+90 | 148,129 | 148,129 | 0,00 |
| 7+00 | 148,129 | 148,129 | 0,00 |
| 7+10 | 148,129 | 148,129 | 0,00 |
| 7+20 | 148,129 | 148,129 | 0,00 |
| 7+30 | 148,129 | 148,129 | 0,00 |
| 7+40 | 148,129 | 148,129 | 0,00 |
| 7+50 | 148,129 | 148,129 | 0,00 |
| 7+60 | 148,129 | 148,129 | 0,00 |
| 7+70 | 148,129 | 148,129 | 0,00 |
| 7+80 | 148,129 | 148,129 | 0,00 |
| 7+90 | 148,129 | 148,129 | 0,00 |
| 8+00 | 148,129 | 148,129 | 0,00 |
| 8+10 | 148,129 | 148,129 | 0,00 |
| 8+20 | 148,129 | 148,129 | 0,00 |
| 8+30 | 148,129 | 148,129 | 0,00 |
| 8+40 | 148,129 | 148,129 | 0,00 |
| 8+50 | 148,129 | 148,129 | 0,00 |
| 8+60 | 148,129 | 148,129 | 0,00 |
| 8+70 | 148,129 | 148,129 | 0,00 |
| 8+80 | 148,129 | 148,129 | 0,00 |
| 8+90 | 148,129 | 148,129 | 0,00 |
| 9+00 | 148,129 | 148,129 | 0,00 |

FRANCHA: 52 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETA: CLAUDIO JOSE QUEIROZ BARRIOS - ENRº CIVIL - CREA 13418/DCE
 ARQUIVO: 4 - REV_S_0_LIS_A AREL_1-65-55_GEOM_R2.DWG



Claudio Jose Queiroz Barrios
 1016-BARRIOS-PROJETOS
 Claudio Jose Queiroz Barrios
 Rgf 044 - 084.1347412



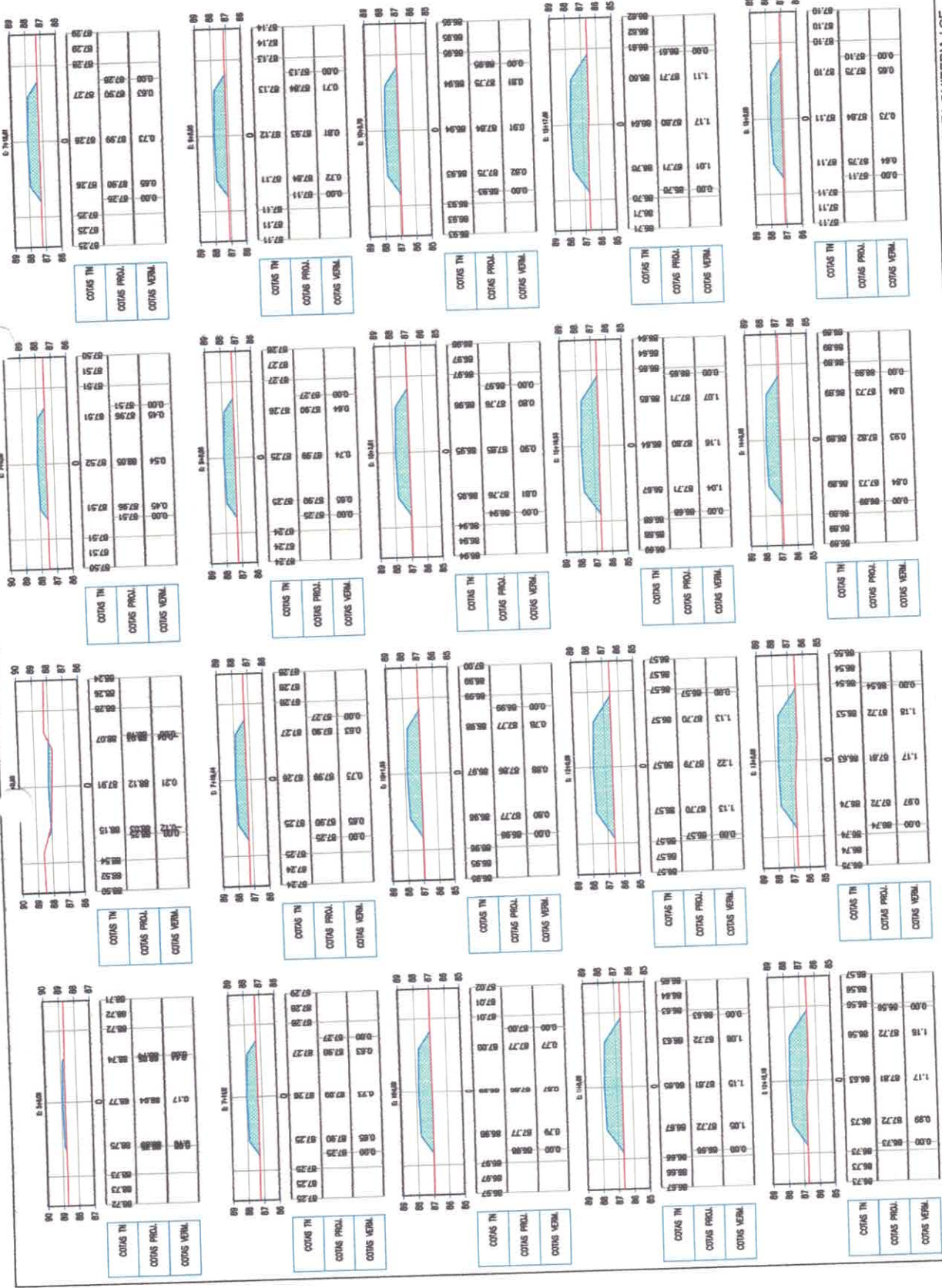


| Estaca | Proj. (m) | Alt. (m) | Proj. (m) | Alt. (m) |
|-----------|-----------|----------|-----------|----------|
| 907+0.00 | 154,328 | 154,427 | 154,328 | 154,427 |
| 908+0.00 | 154,327 | 154,427 | 154,327 | 154,427 |
| 909+0.00 | 154,326 | 154,427 | 154,326 | 154,427 |
| 910+0.00 | 154,325 | 154,427 | 154,325 | 154,427 |
| 911+0.00 | 154,324 | 154,427 | 154,324 | 154,427 |
| 912+0.00 | 154,323 | 154,427 | 154,323 | 154,427 |
| 913+0.00 | 154,322 | 154,427 | 154,322 | 154,427 |
| 914+0.00 | 154,321 | 154,427 | 154,321 | 154,427 |
| 915+0.00 | 154,320 | 154,427 | 154,320 | 154,427 |
| 916+0.00 | 154,319 | 154,427 | 154,319 | 154,427 |
| 917+0.00 | 154,318 | 154,427 | 154,318 | 154,427 |
| 918+0.00 | 154,317 | 154,427 | 154,317 | 154,427 |
| 919+0.00 | 154,316 | 154,427 | 154,316 | 154,427 |
| 920+0.00 | 154,315 | 154,427 | 154,315 | 154,427 |
| 921+0.00 | 154,314 | 154,427 | 154,314 | 154,427 |
| 922+0.00 | 154,313 | 154,427 | 154,313 | 154,427 |
| 923+0.00 | 154,312 | 154,427 | 154,312 | 154,427 |
| 924+0.00 | 154,311 | 154,427 | 154,311 | 154,427 |
| 925+0.00 | 154,310 | 154,427 | 154,310 | 154,427 |
| 926+0.00 | 154,309 | 154,427 | 154,309 | 154,427 |
| 927+0.00 | 154,308 | 154,427 | 154,308 | 154,427 |
| 928+0.00 | 154,307 | 154,427 | 154,307 | 154,427 |
| 929+0.00 | 154,306 | 154,427 | 154,306 | 154,427 |
| 930+0.00 | 154,305 | 154,427 | 154,305 | 154,427 |
| 931+0.00 | 154,304 | 154,427 | 154,304 | 154,427 |
| 932+0.00 | 154,303 | 154,427 | 154,303 | 154,427 |
| 933+0.00 | 154,302 | 154,427 | 154,302 | 154,427 |
| 934+0.00 | 154,301 | 154,427 | 154,301 | 154,427 |
| 935+0.00 | 154,300 | 154,427 | 154,300 | 154,427 |
| 936+0.00 | 154,299 | 154,427 | 154,299 | 154,427 |
| 937+0.00 | 154,298 | 154,427 | 154,298 | 154,427 |
| 938+0.00 | 154,297 | 154,427 | 154,297 | 154,427 |
| 939+0.00 | 154,296 | 154,427 | 154,296 | 154,427 |
| 940+0.00 | 154,295 | 154,427 | 154,295 | 154,427 |
| 941+0.00 | 154,294 | 154,427 | 154,294 | 154,427 |
| 942+0.00 | 154,293 | 154,427 | 154,293 | 154,427 |
| 943+0.00 | 154,292 | 154,427 | 154,292 | 154,427 |
| 944+0.00 | 154,291 | 154,427 | 154,291 | 154,427 |
| 945+0.00 | 154,290 | 154,427 | 154,290 | 154,427 |
| 946+0.00 | 154,289 | 154,427 | 154,289 | 154,427 |
| 947+0.00 | 154,288 | 154,427 | 154,288 | 154,427 |
| 948+0.00 | 154,287 | 154,427 | 154,287 | 154,427 |
| 949+0.00 | 154,286 | 154,427 | 154,286 | 154,427 |
| 950+0.00 | 154,285 | 154,427 | 154,285 | 154,427 |
| 951+0.00 | 154,284 | 154,427 | 154,284 | 154,427 |
| 952+0.00 | 154,283 | 154,427 | 154,283 | 154,427 |
| 953+0.00 | 154,282 | 154,427 | 154,282 | 154,427 |
| 954+0.00 | 154,281 | 154,427 | 154,281 | 154,427 |
| 955+0.00 | 154,280 | 154,427 | 154,280 | 154,427 |
| 956+0.00 | 154,279 | 154,427 | 154,279 | 154,427 |
| 957+0.00 | 154,278 | 154,427 | 154,278 | 154,427 |
| 958+0.00 | 154,277 | 154,427 | 154,277 | 154,427 |
| 959+0.00 | 154,276 | 154,427 | 154,276 | 154,427 |
| 960+0.00 | 154,275 | 154,427 | 154,275 | 154,427 |
| 961+0.00 | 154,274 | 154,427 | 154,274 | 154,427 |
| 962+0.00 | 154,273 | 154,427 | 154,273 | 154,427 |
| 963+0.00 | 154,272 | 154,427 | 154,272 | 154,427 |
| 964+0.00 | 154,271 | 154,427 | 154,271 | 154,427 |
| 965+0.00 | 154,270 | 154,427 | 154,270 | 154,427 |
| 966+0.00 | 154,269 | 154,427 | 154,269 | 154,427 |
| 967+0.00 | 154,268 | 154,427 | 154,268 | 154,427 |
| 968+0.00 | 154,267 | 154,427 | 154,267 | 154,427 |
| 969+0.00 | 154,266 | 154,427 | 154,266 | 154,427 |
| 970+0.00 | 154,265 | 154,427 | 154,265 | 154,427 |
| 971+0.00 | 154,264 | 154,427 | 154,264 | 154,427 |
| 972+0.00 | 154,263 | 154,427 | 154,263 | 154,427 |
| 973+0.00 | 154,262 | 154,427 | 154,262 | 154,427 |
| 974+0.00 | 154,261 | 154,427 | 154,261 | 154,427 |
| 975+0.00 | 154,260 | 154,427 | 154,260 | 154,427 |
| 976+0.00 | 154,259 | 154,427 | 154,259 | 154,427 |
| 977+0.00 | 154,258 | 154,427 | 154,258 | 154,427 |
| 978+0.00 | 154,257 | 154,427 | 154,257 | 154,427 |
| 979+0.00 | 154,256 | 154,427 | 154,256 | 154,427 |
| 980+0.00 | 154,255 | 154,427 | 154,255 | 154,427 |
| 981+0.00 | 154,254 | 154,427 | 154,254 | 154,427 |
| 982+0.00 | 154,253 | 154,427 | 154,253 | 154,427 |
| 983+0.00 | 154,252 | 154,427 | 154,252 | 154,427 |
| 984+0.00 | 154,251 | 154,427 | 154,251 | 154,427 |
| 985+0.00 | 154,250 | 154,427 | 154,250 | 154,427 |
| 986+0.00 | 154,249 | 154,427 | 154,249 | 154,427 |
| 987+0.00 | 154,248 | 154,427 | 154,248 | 154,427 |
| 988+0.00 | 154,247 | 154,427 | 154,247 | 154,427 |
| 989+0.00 | 154,246 | 154,427 | 154,246 | 154,427 |
| 990+0.00 | 154,245 | 154,427 | 154,245 | 154,427 |
| 991+0.00 | 154,244 | 154,427 | 154,244 | 154,427 |
| 992+0.00 | 154,243 | 154,427 | 154,243 | 154,427 |
| 993+0.00 | 154,242 | 154,427 | 154,242 | 154,427 |
| 994+0.00 | 154,241 | 154,427 | 154,241 | 154,427 |
| 995+0.00 | 154,240 | 154,427 | 154,240 | 154,427 |
| 996+0.00 | 154,239 | 154,427 | 154,239 | 154,427 |
| 997+0.00 | 154,238 | 154,427 | 154,238 | 154,427 |
| 998+0.00 | 154,237 | 154,427 | 154,237 | 154,427 |
| 999+0.00 | 154,236 | 154,427 | 154,236 | 154,427 |
| 1000+0.00 | 154,235 | 154,427 | 154,235 | 154,427 |

PRANCHA: 53 / 55
 ESCALA: 1/1000
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
 ESTAQUEAMENTO E PERFIL LONGITUDINAL
 PROJETISTA: CLAUDIO JOSE QUEIROZ BARROS - ENG. CIVIL - CREA 13.119/DCE
 ARQUIVO: 4 - REV. S. O. LIB A. ABEI. 155.35. GEOM. 10.0.DWG



Claudio Jose Barros
 PROJETO DE RECUPERAÇÃO DE
 ESTRADAS VICINAIS
 EM SANTA QUITERIA - CE



FRANCHA: 1 / 13
 ESCALA: 1/250

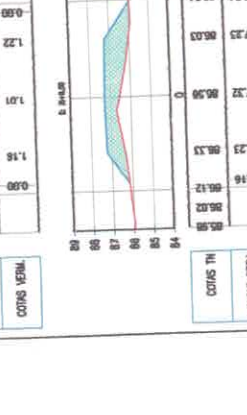
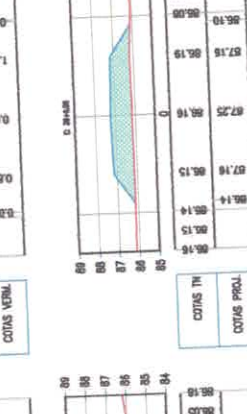
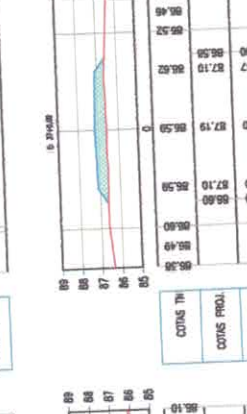
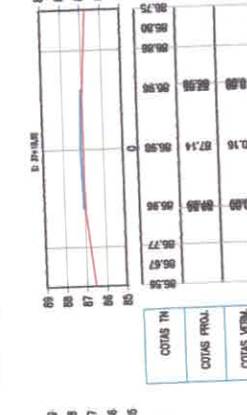
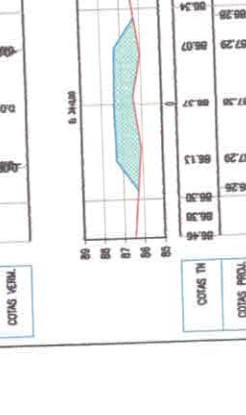
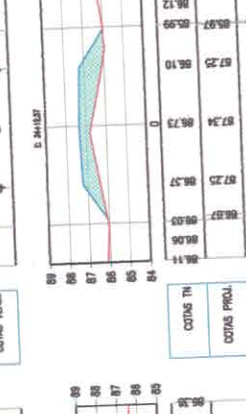
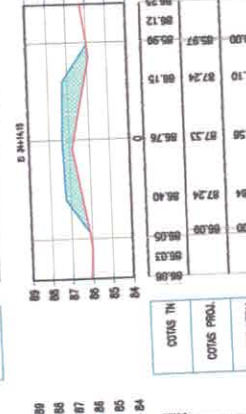
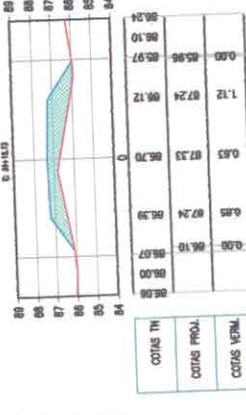
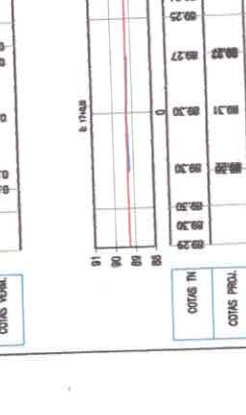
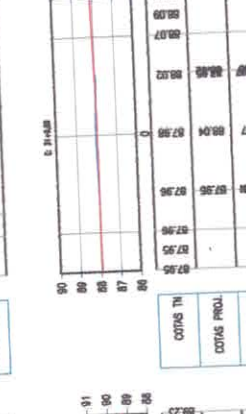
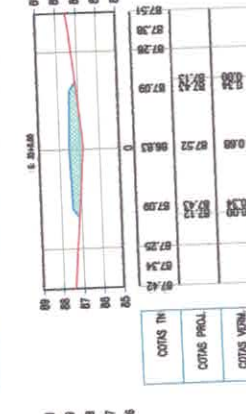
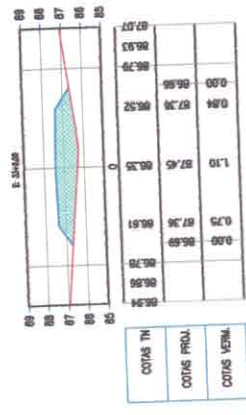
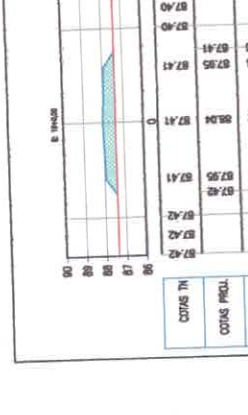
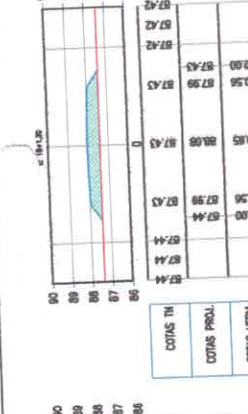
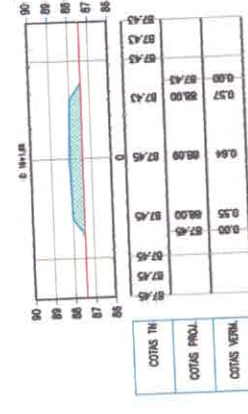
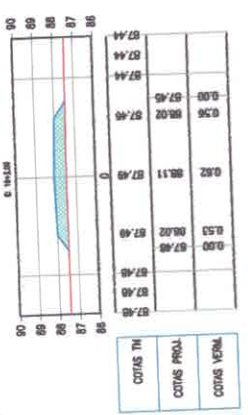
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX
SEÇÕES TRANSVERSAIS



Prefeitura de
Santa Quiteria
 CEARÁ

PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARROS - ENG. CIVIL - CREA 13418/DCE
 ARQUIVO: 5 - REV. S. O. LIS A AREL - 08.14 - TERRAP. 01.DWG

Cláudio José Queiroz Barros
 CREA 13418/DCE
 Eng. Civil - CREA 13418/DCE



FRANCHA: 2 / 13

ESCALA: 1/250

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE

RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE

TRECHO: AREAL A LISIEUX

SEÇÕES TRANSVERSAIS

PROJETISTA: CLAUDIO JOSE QUEIROZ BARROS - ENF. CIVIL - CREA 13.419/002

ARQUIVO: S - REV_S_0_..._LIS_A_AREAL_1.08.14_TERRAP_01.DWG



Cláudio José Queiroz Barros

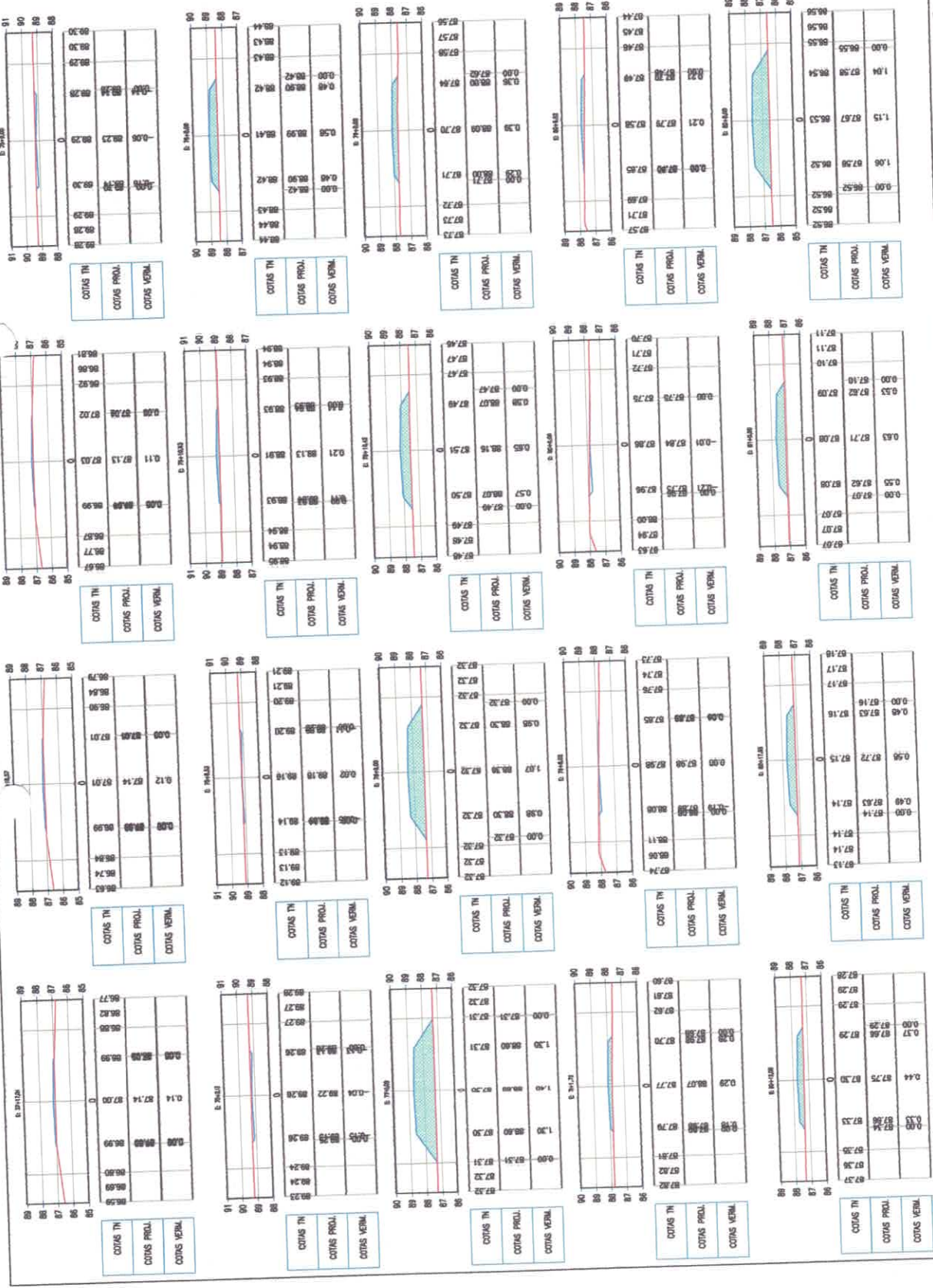
CLÁUDIO JOSE QUEIROZ BARROS

ENF. CIVIL - CREA 13.419/002

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
 SEÇÕES TRANSVERSAIS



PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARRIOS - ENO^o CIVIL - CREA 15.418/DCE
 ARQUIVO: S-REV.5_0_LIB A AREIAL_V08.14_TERRAP_R1.DWG

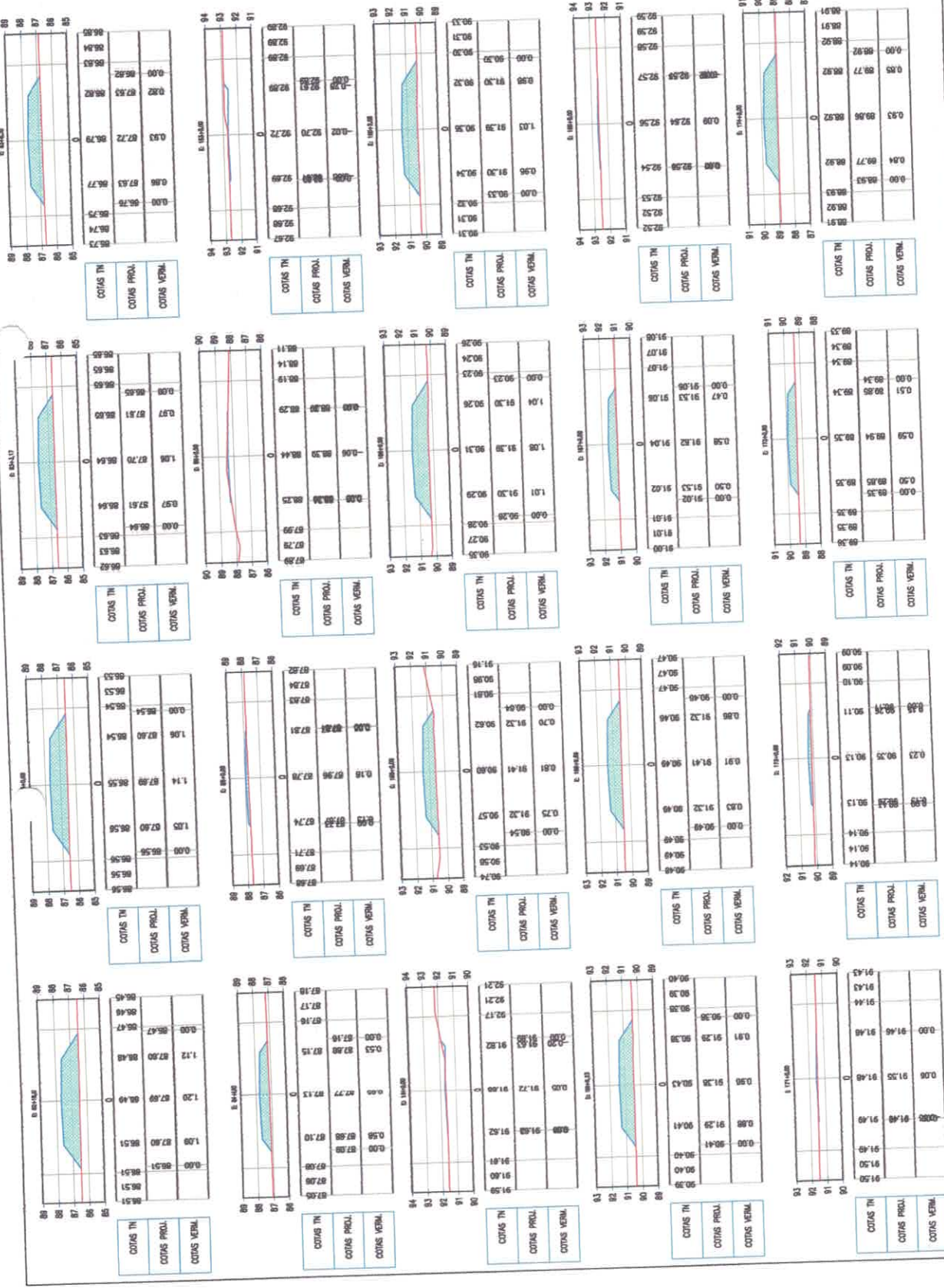


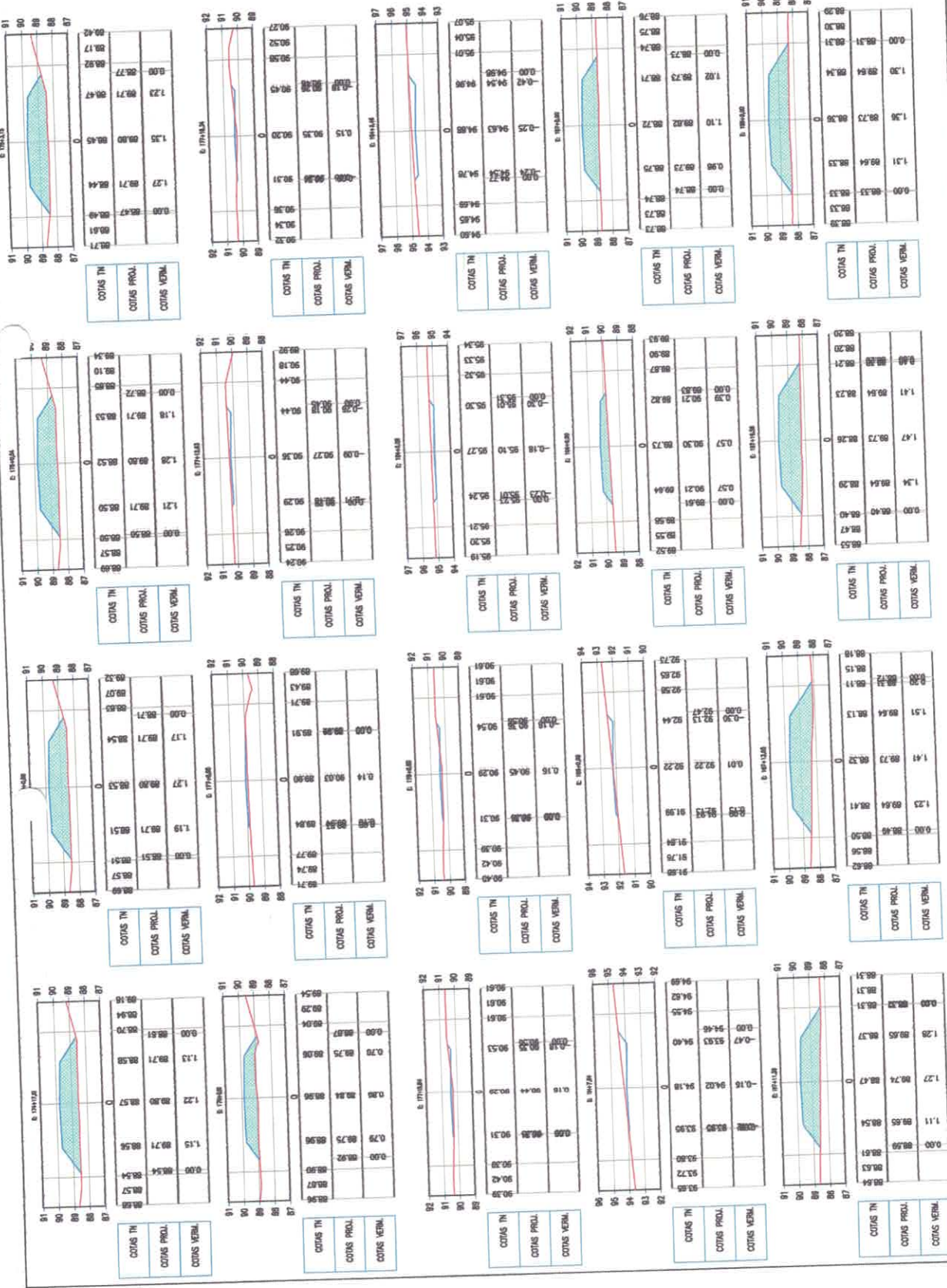
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREAL A LISIEUX
SEÇÕES TRANSVERSAIS

PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARROS - ENCC - CREA 13.419/DCE
ARQUIVO: 5 - REV. S. O. LIS A AREL - 1.08-14 - TERRAP - 01.DWG



Projeto de
Santa Quitéria
COTA BARROS PROJETOS
Claudio José Queiroz Barros
Eng. Civil - CREA 13.419/DCE





FRANCHA: 5 / 13
ESCALA: 1/250

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX

SEÇÕES TRANSVERSAIS

PROJETISTA: CLAUDIO JOSÉ QUEIROZ BARROS - ENG. CIVIL - CREA 13.418/DCE
ARQUIVO: 5 - REV. S. O. LIS A AREIAL - 08.14 - TERRAP. RJ.DWG



Prefeitura de Santa Quitéria

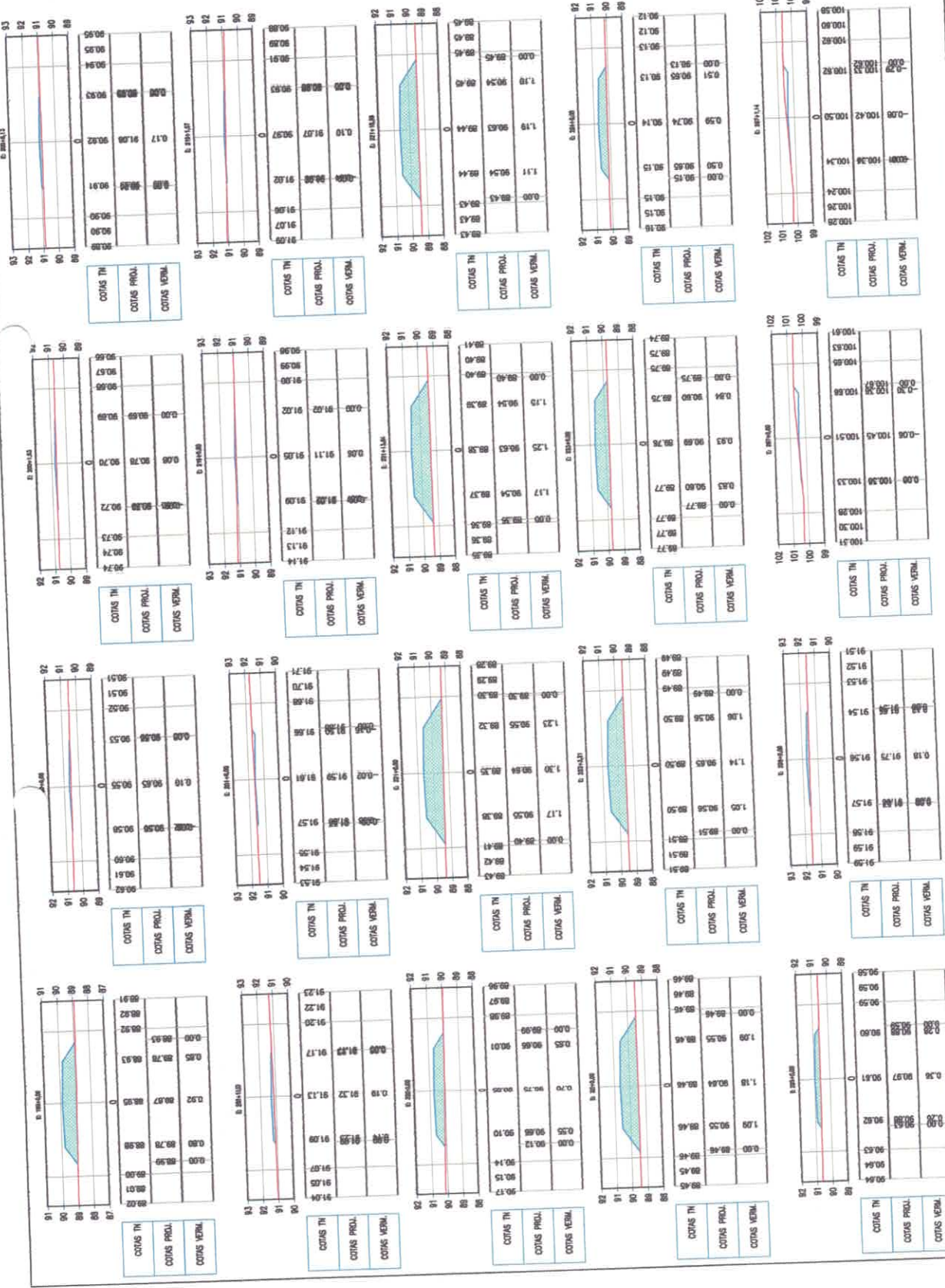
Handwritten signature
JOÃO BARROS - PROJETOS
Claudio Jose Queiroz Barros
Eng. Civil - CREA 13.418/DCE

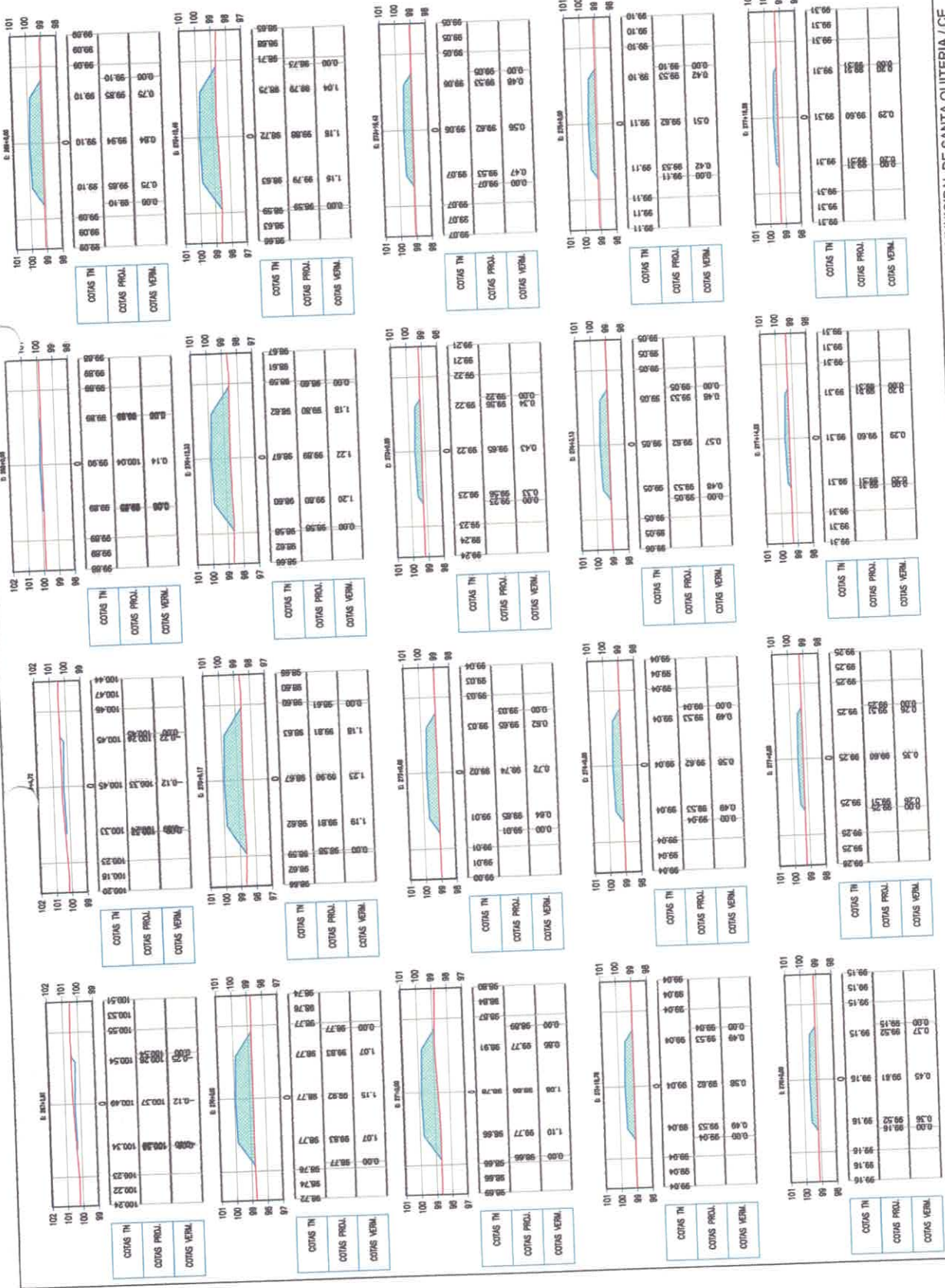
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
 SEÇÕES TRANSVERSAIS



PROJETISTA: CLAUDIO JOSE GUEZZO BARROS - ENG. CIVIL - CREA 13.119/DCE
 ARQUIVO: 5 - REV. S. Q. LIS A AREL - 06.14 - TERRAPL - R.LIDING

Projeto de
 CLAUDIO JOSE GUEZZO BARROS
 Eng. Civil - CREA 13.119/DCE



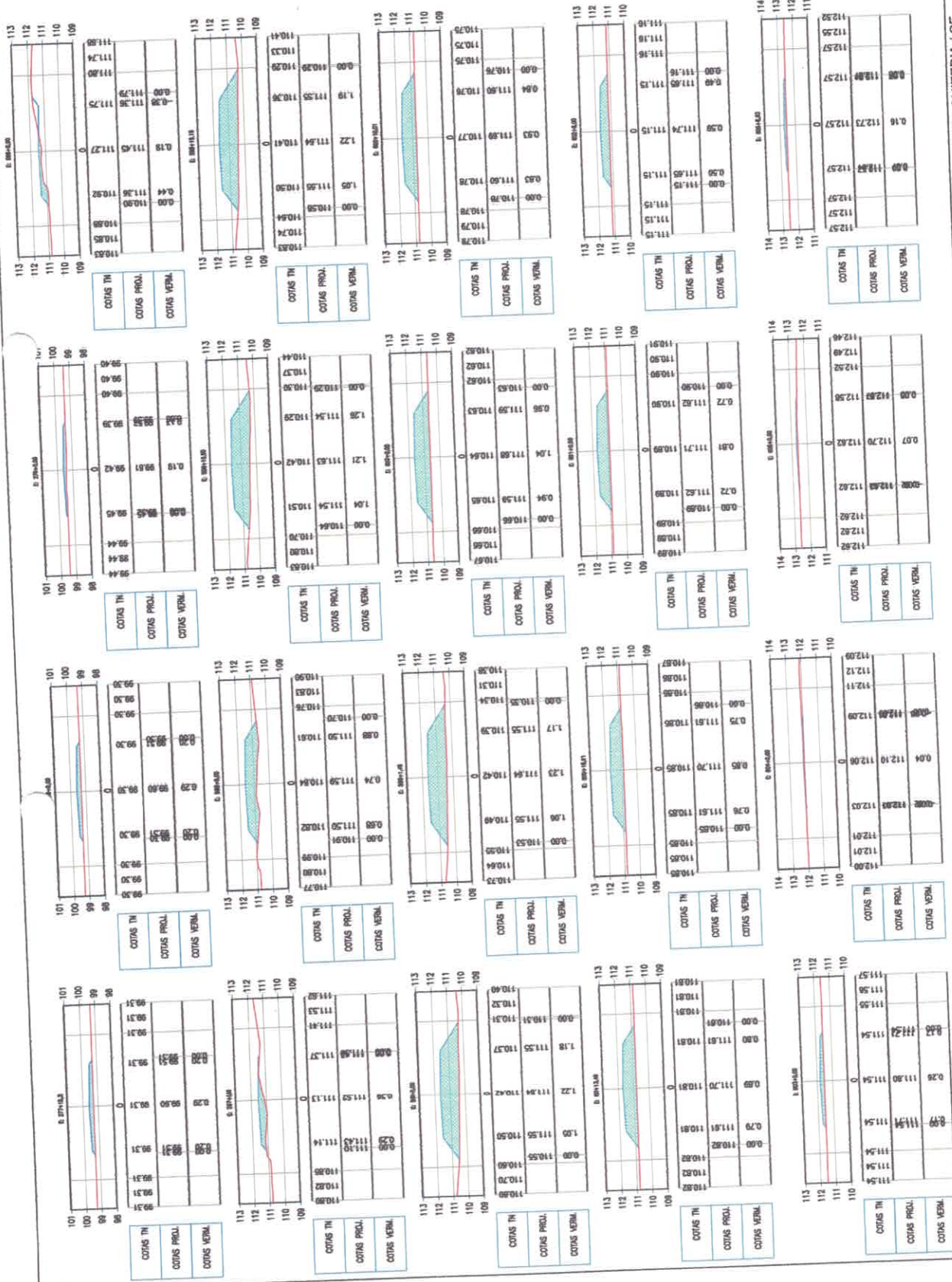


FRANCHA: 7 / 13
 ESCALA: 1/250
 PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
 SEÇÕES TRANSVERSAIS



Prefeitura de Santa Quitéria
 CLAUDIO JOSE GUERROS BARROS - END. CIVIL - CREA 13.419/0CE
 S - REV. S. O. LIS A AREL - 08.14_TERRAP. RT.DWG
 PROJETA: ARQUIVO:

Handwritten signature: Claudio Jose Guerros Barros
 2014 BARROS PROJETA
 Claudio Jose Guerros Barros
 Eng. Civil - CREA 13.419/0CE



FRANCHA: 8 / 13
ESCALA: 1/250

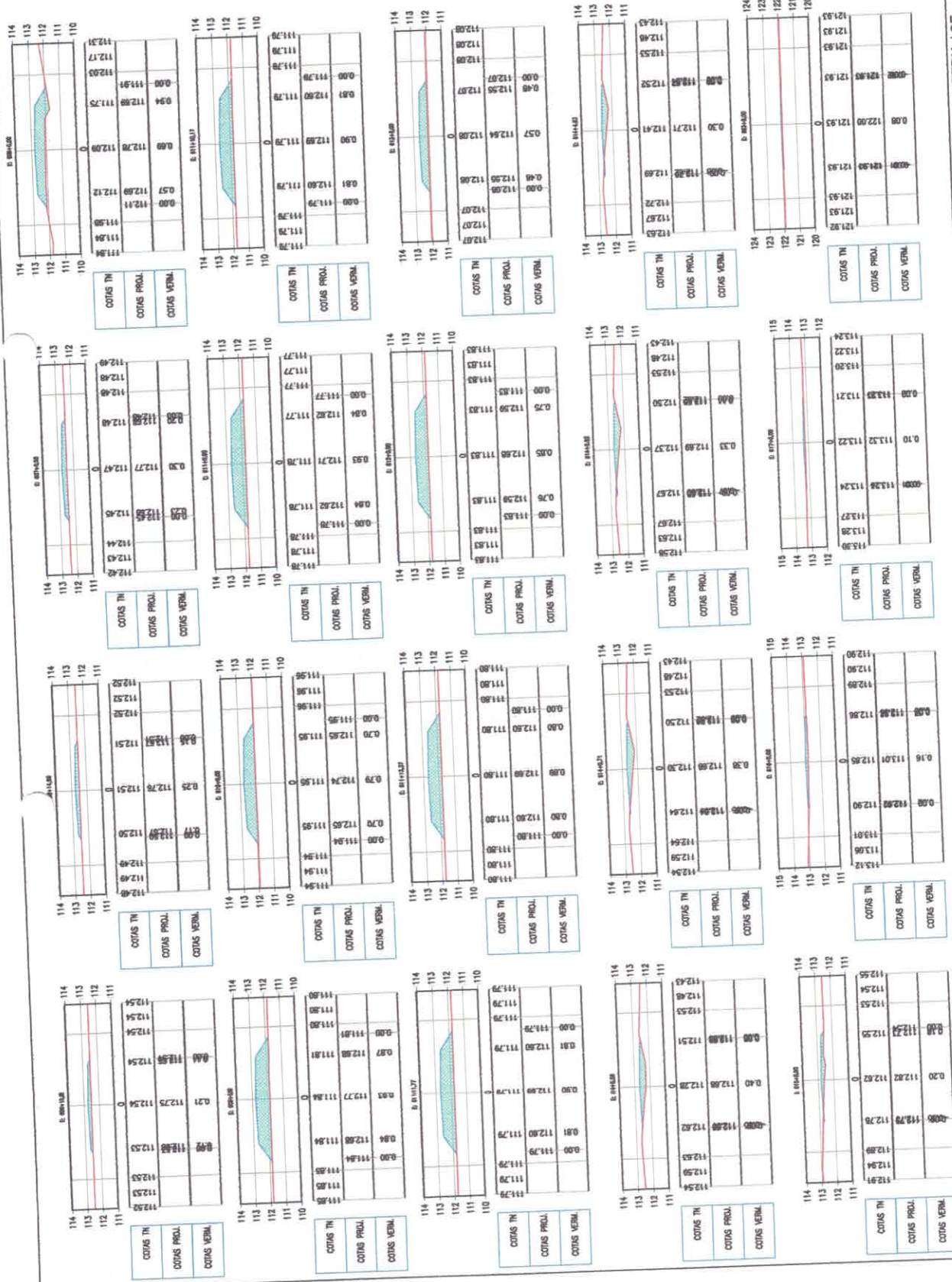
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX



PROJETISTA: CLAUDIO JOSÉ GUEZZO BARROS - ENGR. CIVIL - CREA 13.149/DCE
ARQUIVO: 5 - REV. S. O. LIS A AREIAL - TERMAP_R1.DWG

SEÇÕES TRANSVERSAIS

Projeto de
Santa Quitéria
1015 BARROS PROJETOS
Claudio José Guezzo Barros
Eng. Civil - CREA 13.149/DCE



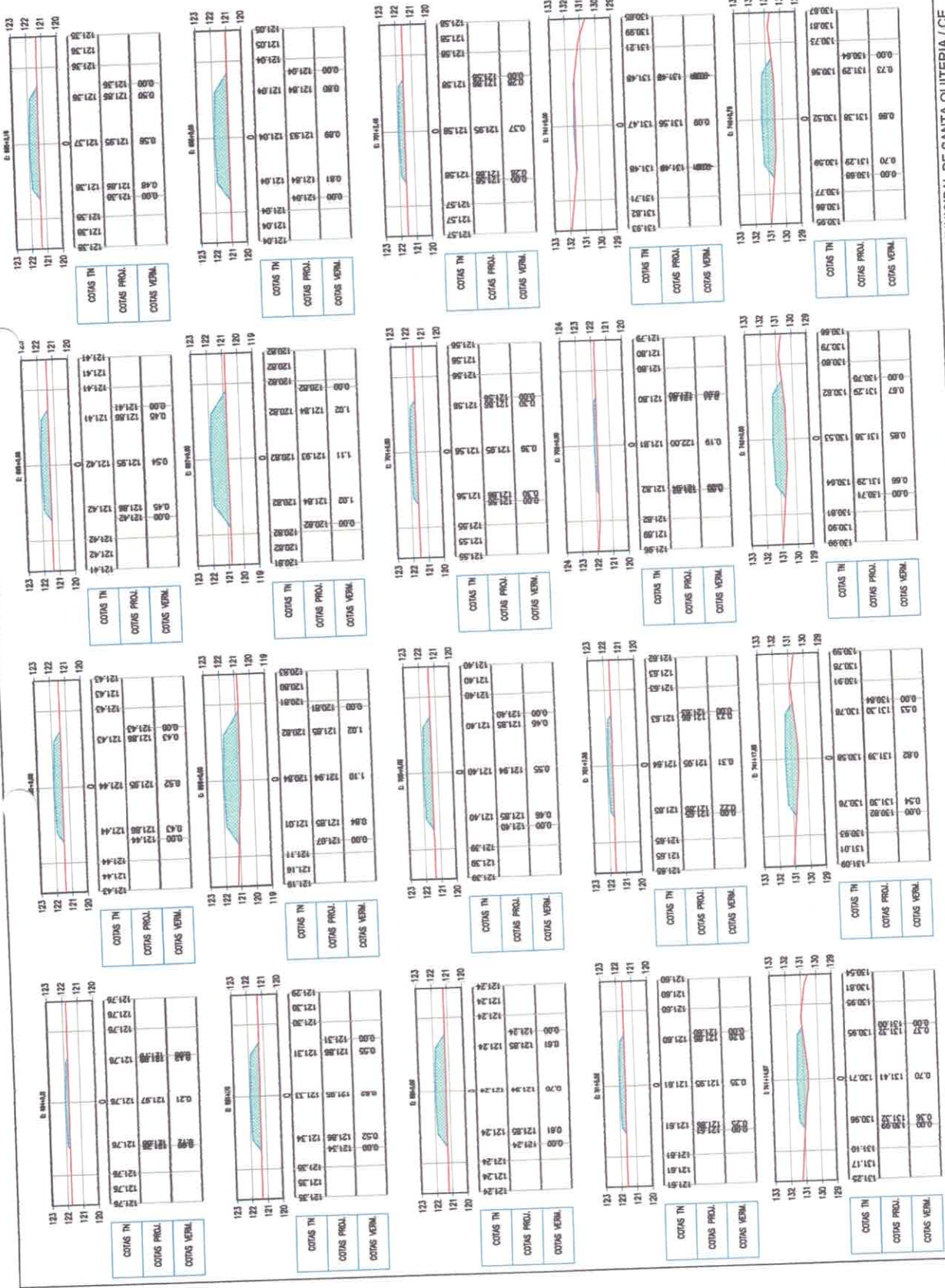
PRANCHA: 9 / 13
 ESCALA: 1/250

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX



SEÇÕES TRANSVERSAIS
 PROJETA: CLAUDIO JOSÉ QUEIROZ BARROS - ENG. CIVIL - CREA 13.419/0-CE
 ARQUIVO: 5 - REV. S. Q. LIS A AREIAL - 1.05.14_TERRAPL_R1.DWG

Cláudio José Queiroz Barros
 CLAUDIO JOSÉ QUEIROZ BARROS
 Eng. Civil - OAB 10135



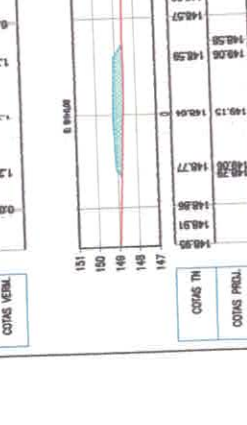
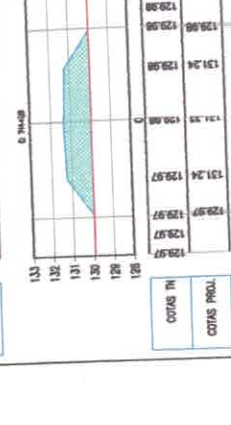
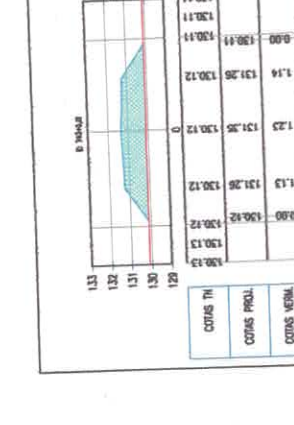
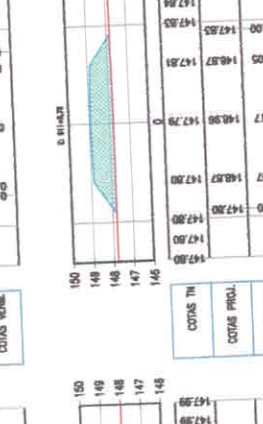
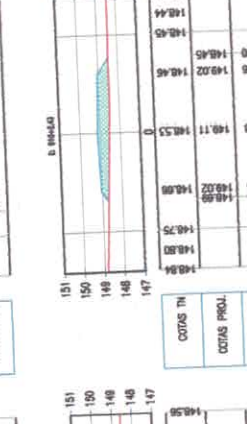
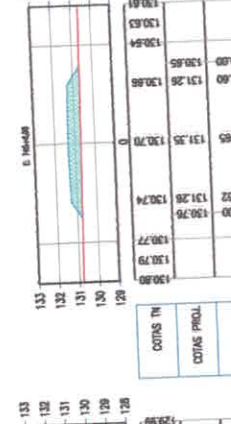
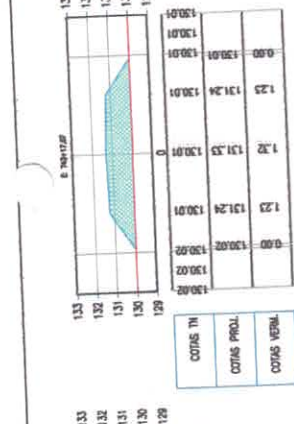
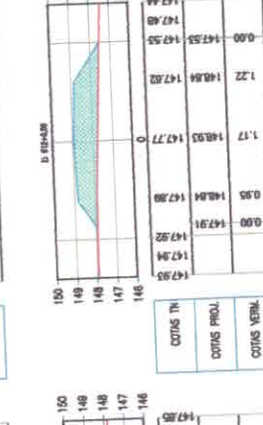
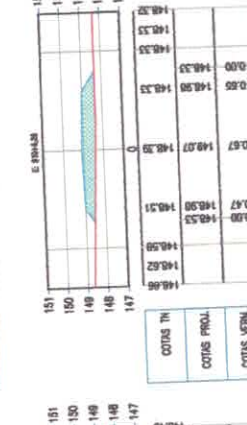
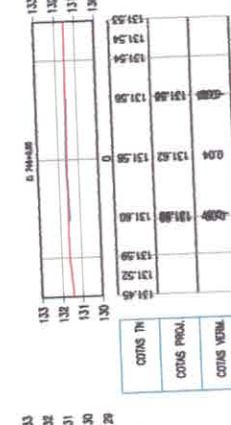
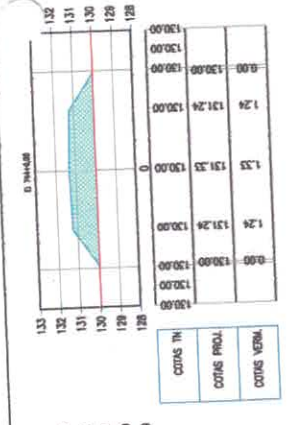
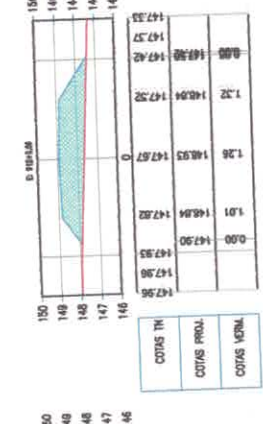
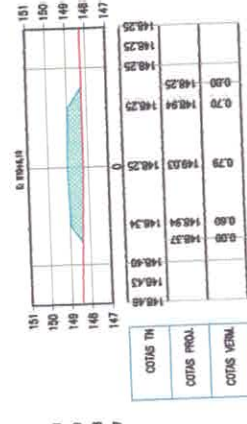
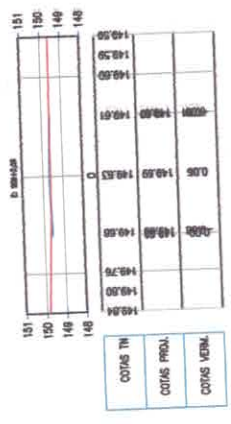
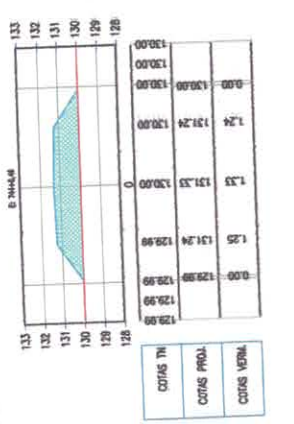
FRANCHA: 10 / 13
 ESCALA: 1/250

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREAL A LISIEUX
 SEÇÕES TRANSVERSAIS



PROJETISTA: CLAUDIO JOSE GUERZ BARROS - ENG. CIVIL - CREA 13.419/DCE
 ARQUIVO: S - REV. S. Q. LIS A AREL - 08.14 - TERRAP. RJ.DWG

Cláudio José
 CLAUDIO JOSE GUERZ BARROS
 CREA 13.419/DCE
 Eng. CIVIL - 08.14/1910/CE

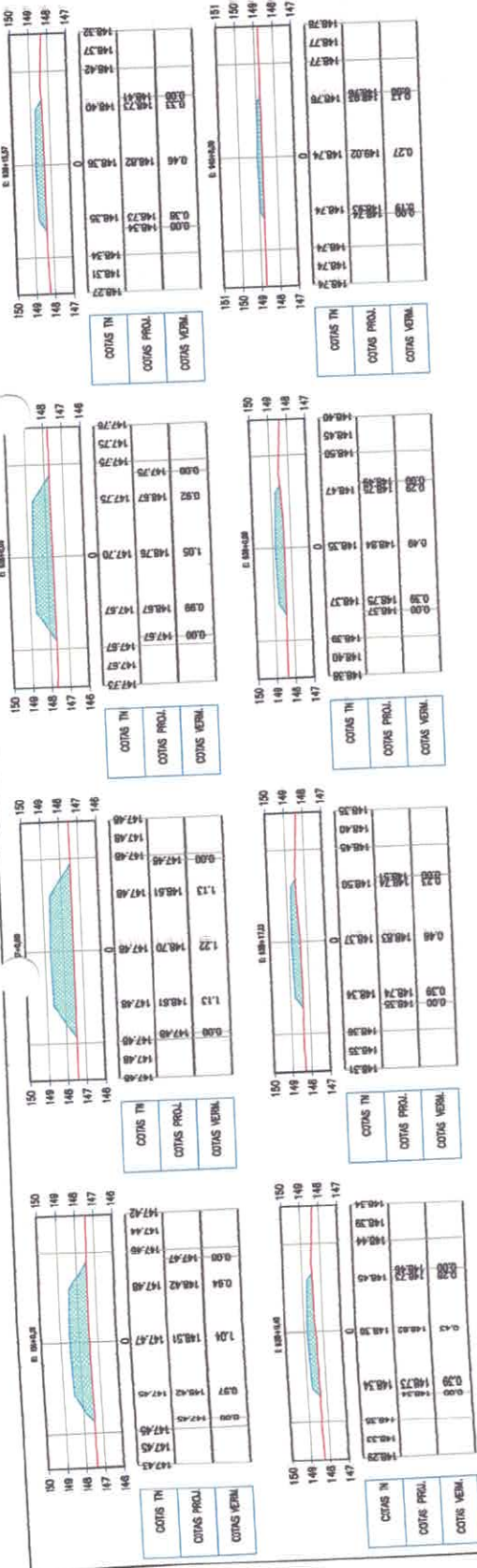


FRANCHA: 11/13
ESCALA: 1/250
PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
TRECHO: AREIAL A LISIEUX
SEÇÕES TRANSVERSAIS



Projeto de
Santa Quitéria
Cláudio José Queiroz Barros - Eng.º Civil - CRA 13.419/0CE
5 - REV. S. O. LUIS A. AREL - 1.08.14 - TERRAP - F110WS

Projeto de
Santa Quitéria
Cláudio José Queiroz Barros - Eng.º Civil - CRA 13.419/0CE
5 - REV. S. O. LUIS A. AREL - 1.08.14 - TERRAP - F110WS



PRANCHA: 13 / 13
 ESCALA: 1/250

PREFEITURA MUNICIPAL DE SANTA QUITERIA / CE
 RECUPERAÇÃO DE ESTRADAS VICINAIS NO MUNICÍPIO DE SANTA QUITERIA / CE
 TRECHO: AREIAL A LISIEUX
SEÇÕES TRANSVERSAIS
 PROJETISTA: CLAUDIO JOSÉ OLIVEIRO BARROS - ENG. CIVIL - CREA 13.419/DCE
 ARQUIVO: 5 - REV. S. Q. LISIEUX A. AREIAL - LUB. 14 - TERROPA - R. 12.016



Claudio José
 Prefeitura de Santa Quitéria
 1079 BARROS PROJETOS
 Claudio José Oliveira Barros
 Eng. Civil - CREA 13.419/DCE