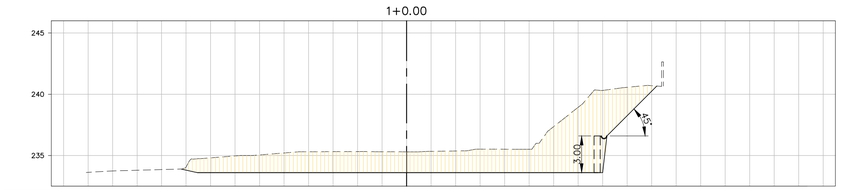
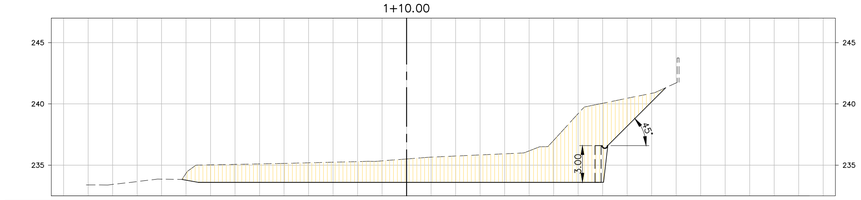
## 1+0.00



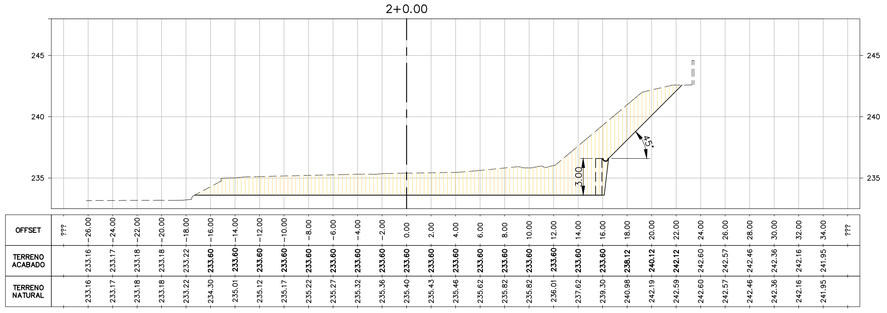

| OFFSET | ??? | -26.00 | -24.00 | -22.00 | -20.00 | -18.00 | -16.00 | -14.00 | -12.00 | -10.00 | -8.00 | -6.00 | -4.00 | -2.00 | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 32.00 | ??? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TERRENO ACABADO | | 233.63 | 233.75 | 233.80 | 233.85 | **234.07** | **234.81** | 234.97 | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **238.25** | 240.70 | 240.61 | 240.51 | 240.51 | 240.51 | 240.51 | 240.50 | 240.50 |
| TERRENO NATURAL | | 233.63 | 233.75 | 233.80 | 233.85 | 234.07 | 234.81 | 234.97 | 235.05 | 235.21 | 235.31 | 235.32 | 235.32 | 235.31 | 235.30 | 235.34 | 235.37 | 235.52 | 235.51 | 235.51 | 237.36 | 238.93 | 240.31 | 240.57 | **240.25** | 240.61 | 240.51 | 240.51 | 240.51 | 240.51 | 240.50 | 240.50 |

## 1+10.00



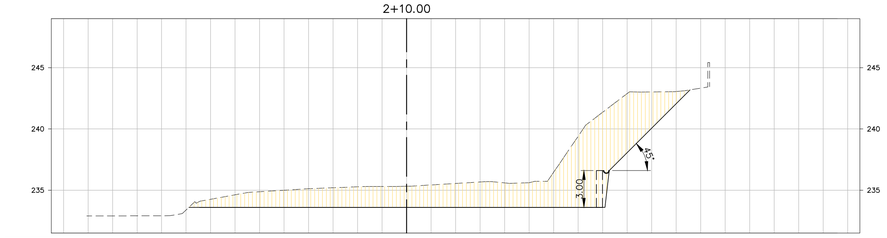

| OFFSET | ??? | -26.00 | -24.00 | -22.00 | -20.00 | -18.00 | -16.00 | -14.00 | -12.00 | -10.00 | -8.00 | -6.00 | -4.00 | -2.00 | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 32.00 | ??? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TERRENO ACABADO | | 233.39 | 233.43 | 233.66 | 233.86 | **234.34** | 235.03 | 235.06 | 235.10 | 235.14 | 235.19 | 235.24 | 235.29 | 235.35 | 235.51 | 235.65 | 235.74 | 235.93 | 236.16 | 237.03 | 239.21 | 240.05 | 240.46 | 240.87 | 241.71 | 241.73 | 241.60 | 241.59 | 241.56 | 241.49 | | |
| TERRENO NATURAL | | 233.39 | 233.43 | 233.66 | 233.86 | 234.34 | 235.03 | 235.06 | 235.10 | 235.14 | 235.19 | 235.24 | 235.29 | 235.35 | 235.51 | 235.65 | 235.74 | 235.93 | 236.16 | 237.03 | 239.21 | 240.05 | 240.46 | 240.87 | 241.71 | 241.73 | 241.60 | 241.59 | 241.56 | 241.49 | | |

## 2+0.00



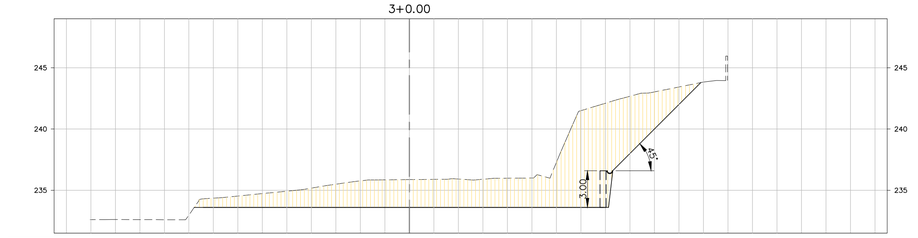

| OFFSET | ??? | -26.00 | -24.00 | -22.00 | -20.00 | -18.00 | -16.00 | -14.00 | -12.00 | -10.00 | -8.00 | -6.00 | -4.00 | -2.00 | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 32.00 | 34.00 | ??? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TERRENO ACABADO | | 233.16 | 233.17 | 233.18 | 233.18 | 233.22 | **234.30** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **238.12** | **240.12** | **242.12** | 242.60 | 242.57 | 242.46 | 242.36 | 242.16 | 241.95 | |
| TERRENO NATURAL | | 233.16 | 233.17 | 233.18 | 233.18 | 233.22 | 234.30 | 235.01 | 235.12 | 235.17 | 235.22 | 235.27 | 235.32 | 235.36 | 235.40 | 235.43 | 235.46 | 235.62 | 235.82 | 235.82 | 236.01 | 237.62 | 239.30 | 240.98 | 242.19 | 242.59 | 242.60 | 242.57 | 242.46 | 242.36 | 242.16 | 241.95 | |

## 2+10.00



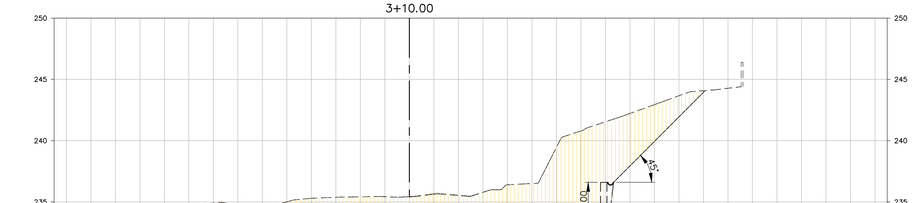

| OFFSET | ??? | -26.00 | -24.00 | -22.00 | -20.00 | -18.00 | -16.00 | -14.00 | -12.00 | -10.00 | -8.00 | -6.00 | -4.00 | -2.00 | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 32.00 | 34.00 | ??? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TERRENO ACABADO | | 232.89 | 232.90 | 232.90 | 232.91 | 232.91 | 233.38 | **234.26** | 234.62 | 234.88 | 235.00 | 235.12 | 235.20 | 235.28 | 235.30 | 235.32 | 235.43 | 235.55 | 235.67 | 235.60 | 235.61 | 236.47 | 239.40 | 241.36 | 242.89 | 243.02 | 243.05 | 243.33 | 243.22 | 243.22 | 243.22 | 243.05 | 242.83 | 242.62 | |
| TERRENO NATURAL | | 232.89 | 232.90 | 232.90 | 232.91 | 232.91 | 233.38 | 234.26 | 234.62 | 234.88 | 235.00 | 235.12 | 235.20 | 235.28 | 235.30 | 235.32 | 235.43 | 235.55 | 235.67 | 235.60 | 235.61 | 236.47 | 239.40 | 241.36 | 242.89 | 243.02 | 243.05 | 243.33 | 243.22 | 243.22 | 243.22 | 243.05 | 242.83 | 242.62 | |

## 3+0.00



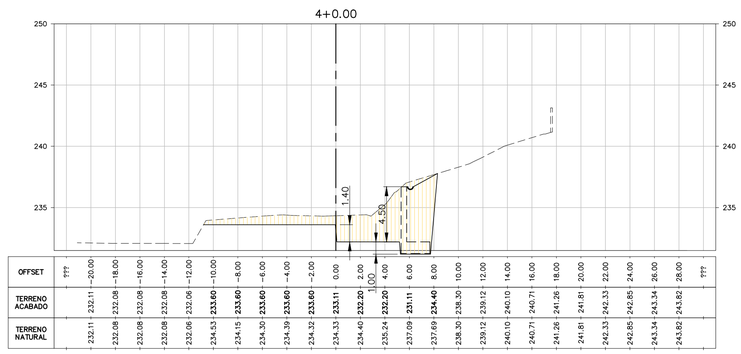

| OFFSET | ??? | -26.00 | -24.00 | -22.00 | -20.00 | -18.00 | -16.00 | -14.00 | -12.00 | -10.00 | -8.00 | -6.00 | -4.00 | -2.00 | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 32.00 | 34.00 | 36.00 | ??? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TERRENO ACABADO | | 232.61 | 232.61 | 232.61 | 232.60 | 232.98 | **234.36** | 234.53 | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **233.60** | **238.00** | **240.00** | 242.03 | **242.00** | 243.43 | 243.83 | 243.94 | 243.89 | 243.72 | 243.50 | |
| TERRENO NATURAL | | 232.61 | 232.61 | 232.61 | 232.60 | 232.98 | 234.36 | 234.53 | 234.73 | 234.93 | 235.18 | 235.50 | 235.77 | 235.85 | 235.87 | 235.89 | 235.92 | 235.90 | 235.99 | 236.00 | 237.28 | 241.50 | 242.10 | 242.68 | 243.03 | 243.43 | 243.83 | 243.94 | 243.89 | 243.72 | 243.50 | | | |

## 3+10.00



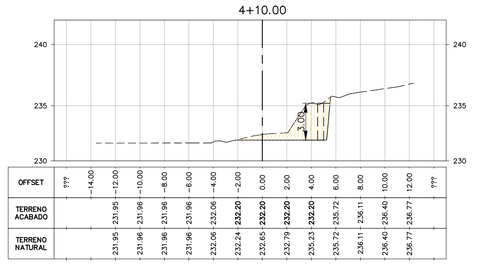

| OFFSET | ??? | -26.00 | -24.00 | -22.00 | -20.00 | -18.00 | -16.00 | -14.00 | -12.00 | -10.00 | -8.00 | -6.00 | -4.00 | -2.00 | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 | 26.00 | 28.00 | 30.00 | 32.00 | 34.00 | 36.00 | ??? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TERRENO ACABADO | | 232.36 | 232.32 | 232.28 | 232.24 | 232.88 | 234.90 | 234.65 | 234.43 | 235.01 | 235.30 | 235.38 | 235.42 | 235.43 | 235.44 | 235.68 | 235.56 | 235.80 | 236.40 | 238.50 | 239.46 | 240.79 | 241.54 | 242.22 | 242.94 | 243.66 | 244.08 | 244.27 | 244.40 | | | | | |
| TERRENO NATURAL | | 232.36 | 232.32 | 232.28 | 232.24 | 232.88 | 234.90 | 234.65 | 234.43 | 235.01 | 235.30 | 235.38 | 235.42 | 235.43 | 235.44 | 235.68 | 235.56 | 235.80 | 236.40 | 238.50 | 239.46 | 240.79 | 241.54 | 242.22 | 242.94 | 243.66 | 244.08 | 244.27 | 244.40 | | | | | |

## 4+0.00




| OFFSET | ??? | -20.00 | -18.00 | -16.00 | -14.00 | -12.00 | -10.00 | -8.00 | -6.00 | -4.00 | -2.00 | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 | 20.00 | 22.00 | 24.00 | 26.00 | 28.00 | ??? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TERRENO ACABADO | | 232.11 | 232.08 | 232.08 | 232.08 | 232.06 | 234.53 | 234.15 | 234.30 | 234.39 | 234.32 | 234.33 | **233.11** | 234.40 | **232.20** | **232.20** | 237.09 | 237.69 | 238.30 | 239.12 | 240.10 | 240.71 | 241.26 | 241.81 | 242.33 | 242.85 | 243.34 | 243.82 | | | | | |
| TERRENO NATURAL | | 232.11 | 232.08 | 232.08 | 232.08 | 232.06 | 234.53 | 234.15 | 234.30 | 234.39 | 234.32 | 234.33 | 233.11 | 234.40 | 232.20 | 232.20 | 237.09 | 237.69 | 238.30 | 239.12 | 240.10 | 240.71 | 241.26 | 241.81 | 242.33 | 242.85 | 243.34 | 243.82 | | | | | |

## 4+10.00




| OFFSET | ??? | -14.00 | -12.00 | -10.00 | -8.00 | -6.00 | -4.00 | -2.00 | 0.00 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | ??? |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TERRENO ACABADO | | 231.95 | 231.96 | 231.96 | 231.96 | 232.06 | 232.24 | **232.20** | **232.20** | **232.20** | 235.23 | 235.72 | 236.11 | 236.40 | 236.77 | |
| TERRENO NATURAL | | 231.95 | 231.96 | 231.96 | 231.96 | 232.06 | 232.24 | 232.20 | 232.79 | 232.20 | 235.23 | 235.72 | 236.11 | 236.40 | 236.77 | 237.00 |

**PROJETO DE TERRAPLENAGEM**
**E. M. SEBASTIÃO LAVIOLA**
CÁLCULO DE VOLUMES - CORTE

| Estaca | Áreas Corte - m² | Áreas Médias Corte - m² | Distancia | Volumes Parciais m³ |
|---|---|---|---|---|
| 1+0,00 | 82,78 | 41,39 | 5,88 | 243,37 |
| 1+10,00 | 87,50 | 85,14 | 10,00 | 851,40 |
| 2+0,00 | 81,20 | 81,99 | 10,00 | 819,90 |
| 2+10,00 | 93,47 | 87,34 | 10,00 | 873,35 |
| 3+0,00 | 108,94 | 95,07 | 10,00 | 950,70 |
| 3+10,00 | 110,19 | 109,57 | 10,00 | 1.095,65 |
| 4+0,00 | 37,41 | 73,18 | 10,00 | 731,75 |
| 4+10,00 | 9,78 | 23,60 | 8,51 | 200,79 |
| **VOLUME TOTAL - m³** | | | | **5.766,92** |

NOTAS:

LEGENDA:

| REV. | T.E. | DESCRIÇÃO | PROJ. | PROJ. | VER. | APR. | AUT. | DATA |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

REVISÕES

T.E. TIPO DE EMISSÃO
(A) PRELIMINAR (D) PARA COTAÇÃO (G) CONFORME CONSTRUÍDO
(B) PARA APROVAÇÃO (E) PARA CONSTRUÇÃO (H) CANCELADO
(C) PARA CONHECIMENTO (F) CONFORME COMPRADO

| APROVAÇÃO | | ASSINATURA | | DATA |
|---|---|---|---|---|
| RT | ASSINATURA | | | AGO/2021 |
| | NOME | ROBERTA SILVA | CAU/MG: A 60814-9 | |
| PROJETISTA | | VANNDER | | AGO/2021 |
| PROJETISTA | | ROBERTA | | |
| SUPERVISOR | | FABÍOLA BATISTA PIRES | CREA/MG: 78.851/D | AGO/2021 |

CONEPP CONSULTORIA

**PREFEITURA MUNICIPAL DE MURIAÉ**
**SECRETARIA DE EDUCAÇÃO**

**PROJETO DE TERRAPLENAGEM**

PROJETO BÁSICO
RUA SIMEÃO FERES – BAIRRO SAFIRA
ESCOLA MUNICIPAL SEBASTIÃO LAVIOLA
SEÇÕES DE TERRAPLENAGEM

ESCALA 1:250

REV.: 00 | Nº: OS–06/2021 | FOLHA 02 DE 02