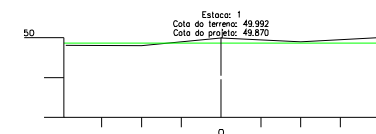


CÁLCULO SOBRE A MALHA TRIANGULAR

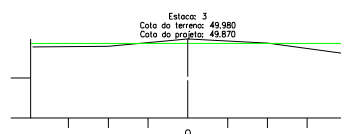
COTA DE REFERÊNCIA: 49,8700

PONTO 1 COORDENADA NORTE: 0,0000  
COORDENADA ESTE: 0,0000  
PONTO 2 COORDENADA NORTE: 0,0000  
COORDENADA ESTE: 108,0000  
PONTO 3 COORDENADA NORTE: 79,0000  
COORDENADA ESTE: 108,0000  
PONTO 4 COORDENADA NORTE: 79,0000  
COORDENADA ESTE: 0,0000  
COMPRIMENTO DO RETÂNGULO: 108,0000  
LARGURA DO RETÂNGULO: 79,0000  
AZIMUTE DO RETÂNGULO: 90°00'00"

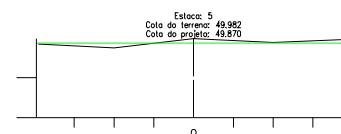
VOLUME DE CORTE: 338,353 m³  
VOLUME DE ATERRO: 203,499 m³



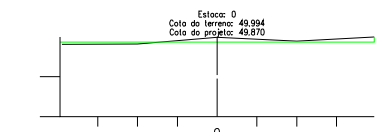
| Cotas do Projeto | Cotas do Terreno |
|------------------|------------------|
| 39,500           | 39,000           |
| 48,870           | 48,860           |
| 0,000            | 0,000            |
| 48,870           | 48,992           |
| 0,000            | 0,000            |
| 48,870           | 48,992           |
| 39,500           | 39,500           |
| 48,870           | 48,870           |



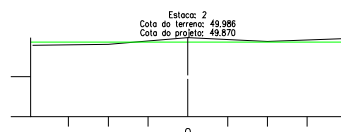
| Cotas do Projeto | Cotas do Terreno |
|------------------|------------------|
| 39,500           | 39,000           |
| 48,870           | 48,860           |
| 0,000            | 0,000            |
| 48,870           | 49,980           |
| 0,000            | 0,000            |
| 48,870           | 49,980           |
| 39,500           | 39,500           |
| 48,870           | 48,870           |



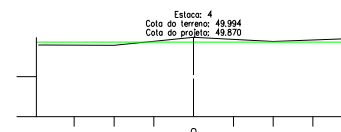
| Cotas do Projeto | Cotas do Terreno |
|------------------|------------------|
| 39,500           | 39,000           |
| 48,870           | 48,860           |
| 0,000            | 0,000            |
| 48,870           | 49,982           |
| 0,000            | 0,000            |
| 48,870           | 49,982           |
| 39,500           | 39,500           |
| 48,870           | 48,870           |



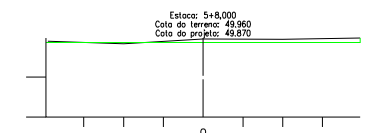
| Cotas do Projeto | Cotas do Terreno |
|------------------|------------------|
| 39,500           | 39,000           |
| 48,870           | 48,872           |
| 0,000            | 0,000            |
| 48,870           | 49,994           |
| 0,000            | 0,000            |
| 48,870           | 49,994           |
| 39,500           | 39,500           |
| 48,870           | 48,870           |



| Cotas do Projeto | Cotas do Terreno |
|------------------|------------------|
| 39,500           | 39,000           |
| 48,870           | 48,875           |
| 0,000            | 0,000            |
| 48,870           | 49,986           |
| 0,000            | 0,000            |
| 48,870           | 49,986           |
| 39,500           | 39,500           |
| 48,870           | 48,870           |



| Cotas do Projeto | Cotas do Terreno |
|------------------|------------------|
| 39,500           | 39,000           |
| 48,870           | 48,860           |
| 0,000            | 0,000            |
| 48,870           | 49,994           |
| 0,000            | 0,000            |
| 48,870           | 49,994           |
| 39,500           | 39,500           |
| 48,870           | 48,870           |



| Cotas do Projeto | Cotas do Terreno |
|------------------|------------------|
| 39,500           | 39,000           |
| 48,870           | 48,900           |
| 0,000            | 0,000            |
| 48,870           | 48,960           |
| 0,000            | 0,000            |
| 48,870           | 48,960           |
| 39,500           | 39,500           |
| 48,870           | 48,870           |

PL. BAIXA CAMPO

PROJETO DE REFORMA DO ESTÁDIO DO CARACARÁ

MINI ESTÁDIO DO DISTRITO DE CARACARÁ

SEÇÕES TRANSVERSAIS

ÚNICA