



Regione Emilia Romagna  
Città metropolitana di Bologna  
Comune di Camugnano  
Comune di Castiglione dei Pepoli

PROGETTO DEFINITIVO

Nome progetto

"Eolico Camugnano"

Oggetto

Progetto per la realizzazione di un impianto eolico da 30 MW con sistema di accumulo da 8 MW e relative opere di connessione, da ubicarsi nei Comuni di Camugnano (BO) e Castiglione dei Pepoli (BO).

Titolo

Libretto delle sezioni delle strade interne al parco e sezioni tipo 2/2

Committente:



ENERGIA PULITA TRE S.R.L.  
Via della Chimica 103  
85100 Potenza (PZ)

Progettazione:



SYNERGY S.R.L.  
Via Clodoveo Bonazzi, 2  
40013 - Castel Maggiore (BO)

Il professionista:

Ing. Fabio Dall'Aglio  
(c/o DMN Ingegneria - progettista infrastrutture viarie)

|      |            |                  |             |                   |                   |
|------|------------|------------------|-------------|-------------------|-------------------|
| 5    |            |                  |             |                   |                   |
| 4    |            |                  |             |                   |                   |
| 3    |            |                  |             |                   |                   |
| 2    |            |                  |             |                   |                   |
| 1    |            |                  |             |                   |                   |
| 0    | 29/03/2024 | Emissione        | Ing. G.Tino | Ing. F.Dall'Aglio | Ing. L.Malservisi |
| Rev. | Data       | Motivo Revisione | Eseguito    | Verificato        | Approvato         |

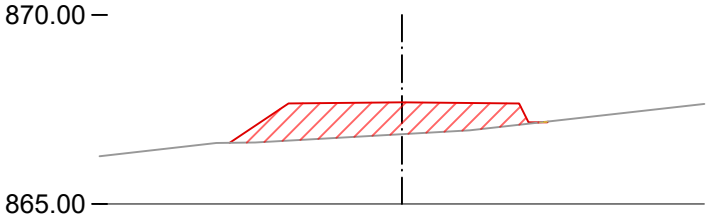
|            |        |          |                     |         |                     |
|------------|--------|----------|---------------------|---------|---------------------|
| Tipologia: | Tavola | Formato: | A3                  | Foglio: | 1 di 9              |
| Scala:     | 1:200  | File:    | SYN036.PD.DT.009_00 | Tavola: | N° SYN036.PD.DT.009 |

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| Mat. alla progr. -0+000.00 |           |           |                |
|----------------------------|-----------|-----------|----------------|
| Mat.                       | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                    | 5.83      | 0.00      | 0.00           |
| Scavo                      | 0.00      | 0.00      | 0.00           |

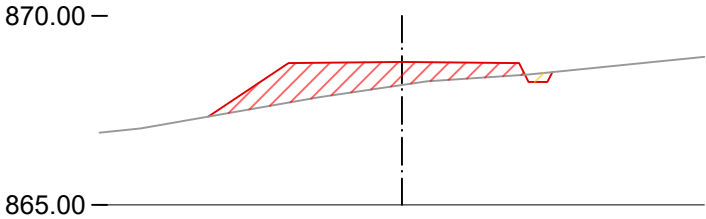
TRACCIATO 2  
0.000



|                      |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -4.91  | -3.89  | 1.79   | -0.00  |
| QUOTE TERRENO        | 866.26 | 866.61 | 866.63 | 866.85 | 866.95 |
| PROGRESSIVE PROGETTO |        | -4.56  | -3.00  | 0.00   | 3.00   |
| QUOTE PROGETTO       |        | 866.62 | 867.66 | 867.69 | 867.66 |

| Mat. alla progr. 0+008.72 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 4.97      | 45.65     | 45.65          |
| Scavo                     | 0.14      | 0.68      | 0.68           |

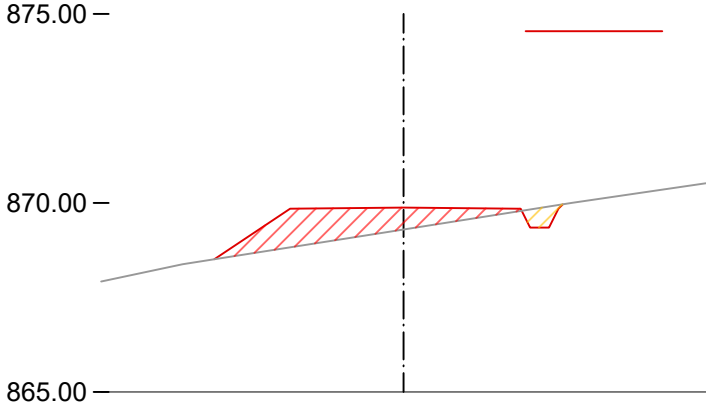
TRACCIATO 2  
8.721



|                      |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -6.90  | -2.18  | 0.00   | 3.33   |
| QUOTE TERRENO        | 866.94 | 867.03 | 867.85 | 868.17 | 868.45 |
| PROGRESSIVE PROGETTO |        | -5.13  | -3.00  | 0.00   | 3.00   |
| QUOTE PROGETTO       |        | 867.34 | 868.75 | 868.78 | 868.75 |

| Mat. alla progr. 0+017.44 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 4.42      | 39.06     | 84.71          |
| Scavo                     | 0.40      | 2.62      | 3.30           |

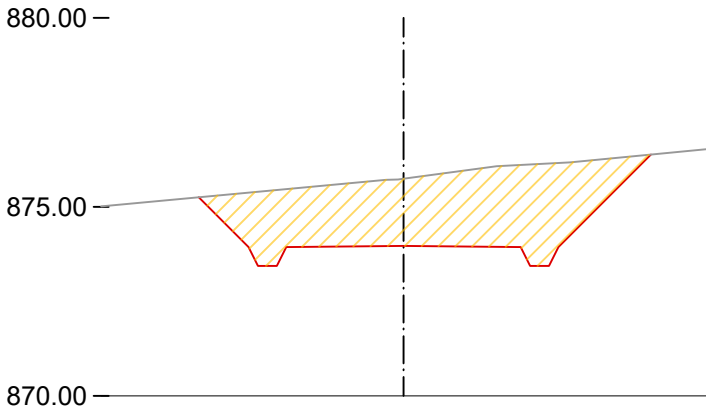
TRACCIATO 2  
17.442



|                      |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -5.84  | 0.00   | 4.44   | -0.00  |
| QUOTE TERRENO        | 867.92 | 868.38 | 869.30 | 870.00 | 870.52 |
| PROGRESSIVE PROGETTO |        | -5.01  | -3.00  | 3.00   | 3.85   |
| QUOTE PROGETTO       |        | 868.51 | 869.85 | 869.88 | 869.85 |

| Mat. alla progr. 0+050.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 71.84     | 156.55         |
| Scavo                     | 19.40     | 322.71    | 326.01         |

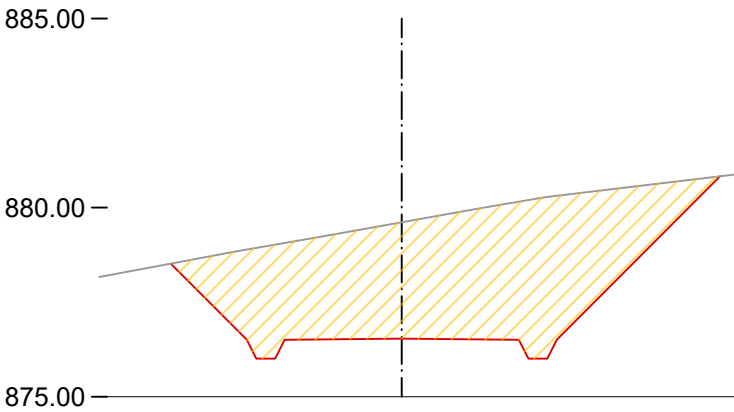
TRACCIATO 2  
50.000



|                      |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -6.90  | -2.18  | 0.00   | 3.33   |
| QUOTE TERRENO        | 875.04 | 875.74 | 876.08 | 876.18 | 876.53 |
| PROGRESSIVE PROGETTO |        | -5.42  | -3.85  | -3.00  | 3.00   |
| QUOTE PROGETTO       |        | 875.26 | 873.44 | 873.94 | 873.97 |

| Mat. alla progr. 0+073.50 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.00      | 156.55         |
| Scavo                     | 36.73     | 660.58    | 986.59         |

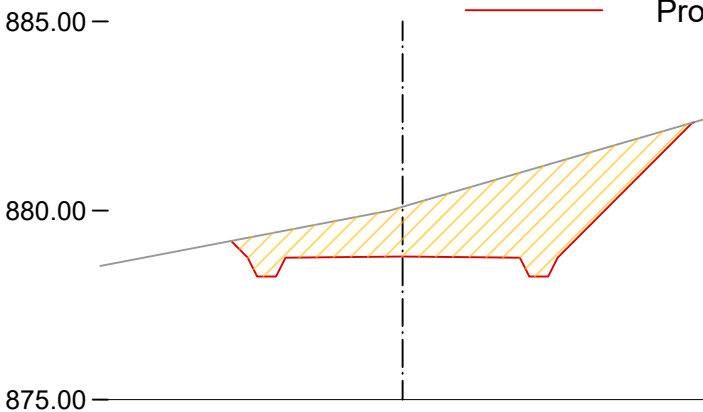
TRACCIATO 2  
73.499



|                      |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -4.43  | -2.06  | 0.00   | 2.18   | 3.83   | 0.00   |
| QUOTE TERRENO        | 878.17 | 878.83 | 879.24 | 879.61 | 880.00 | 880.28 | 880.37 |
| PROGRESSIVE PROGETTO | -6.11  | -3.85  | -3.00  |        | 3.00   | 3.85   | 8.42   |
| QUOTE PROGETTO       | 878.52 | 876.01 | 876.51 | 876.54 | 876.51 | 876.01 | 880.83 |

| Mat. alla progr. 0+129.56 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.00      | 156.55         |
| Scavo                     | 17.01     | 728.11    | 2629.09        |

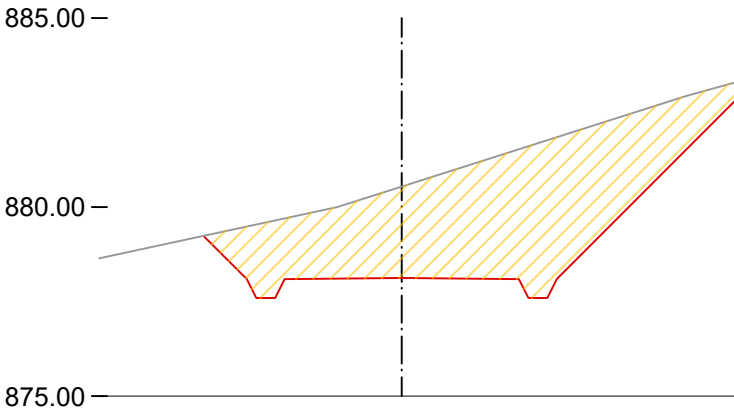
TRACCIATO 2  
129.556



|                      |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  |        |        |        |        |        | 0.00   |
| QUOTE TERRENO        | 878.54 |        |        | 880.10 |        |        | 882.42 |
| PROGRESSIVE PROGETTO | -4.54  | -3.85  | -3.00  |        | 3.00   | 3.85   | 7.67   |
| QUOTE PROGETTO       | 879.20 | 878.25 | 878.75 | 878.78 | 878.75 | 878.25 | 882.32 |

| Mat. alla progr. 0+100.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.00      | 156.55         |
| Scavo                     | 32.10     | 914.39    | 1900.98        |

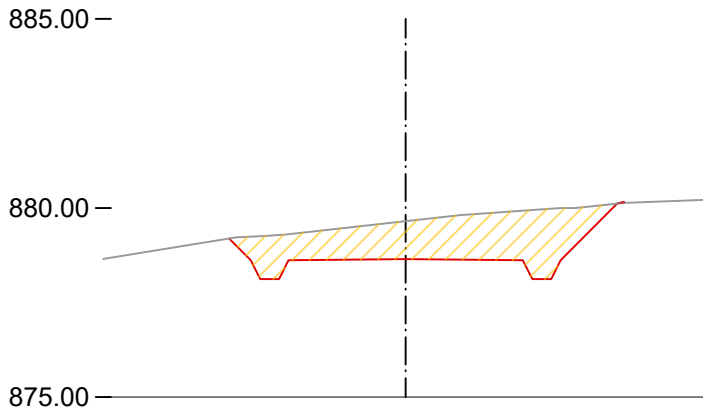
TRACCIATO 2  
100.000



|                      |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  |        | -1.71  |        |        | 7.50   | 10.02  |
| QUOTE TERRENO        | 878.65 |        | 880.00 | 880.54 |        | 882.93 | 883.60 |
| PROGRESSIVE PROGETTO | -5.25  | -3.85  | -3.00  |        | 3.00   | 3.85   | 9.49   |
| QUOTE PROGETTO       | 879.24 | 877.59 | 878.09 | 878.12 | 878.09 | 877.59 | 883.48 |

| Mat. alla progr. 0+150.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.03      | 156.58         |
| Scavo                     | 10.20     | 272.91    | 2902.00        |

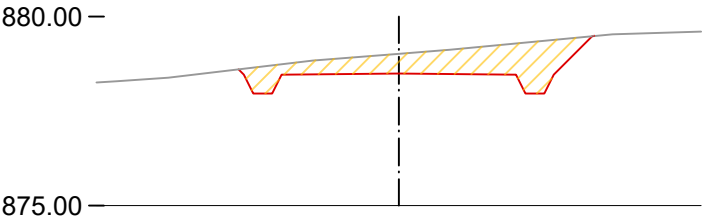
TRACCIATO 2  
150.000



|                      |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -4.48  | -3.19  | 0.00   | 1.45   | 4.10   | 5.77   |
| QUOTE TERRENO        | 878.65 | 879.22 | 879.29 | 879.65 | 879.81 | 880.00 | 880.13 |
| PROGRESSIVE PROGETTO | -4.67  | -3.85  | -3.00  | 0.00   | 3.00   | 3.85   | 5.60   |
| QUOTE PROGETTO       | 879.19 | 878.12 | 878.62 | 878.65 | 878.62 | 878.12 | 880.11 |

| Mat. alla progr. 0+154.09 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.01      | 156.59         |
| Scavo                     | 5.65      | 32.06     | 2934.06        |

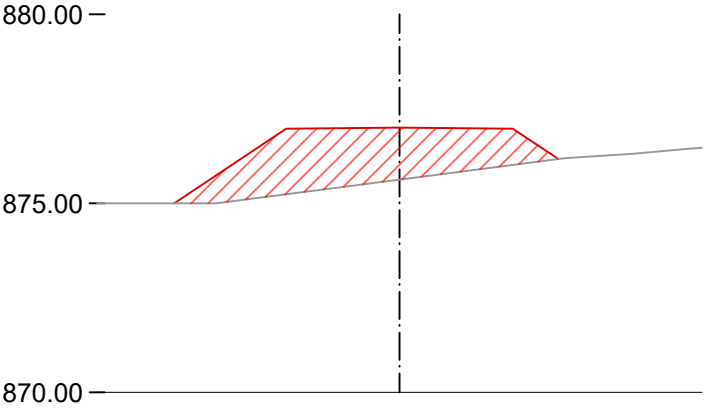
TRACCIATO 2  
154.090



|                      |        |        |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -8.00  | -7.45  | -6.10  | -2.27  | 0.00   | 1.37   |        | 5.66   | 0.00   |
| QUOTE TERRENO        | 878.26 | 878.29 | 878.39 | 878.84 | 879.02 | 879.12 |        | 879.53 | 879.59 |
| PROGRESSIVE PROGETTO |        | -4.24  | -3.85  | -3.00  |        | 3.00   | 3.85   | 5.11   | 5.18   |
| QUOTE PROGETTO       |        | 878.61 | 877.97 | 878.47 | 878.50 | 878.47 | 877.97 | 879.48 | 879.49 |

| Mat. alla progr. 0+179.47 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 11.45     | 9.13      | 301.85         |
| Scavo                     | 0.00      | 0.00      | 3002.47        |

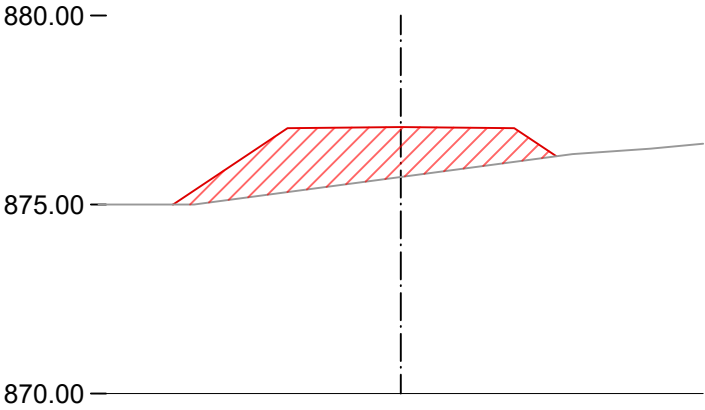
TRACCIATO 2  
179.473



|                      |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -4.85  |        | 4.38   | 6.20   | 7.55   | 8.00   |
| QUOTE TERRENO        | 875.68 | 875.00 |        | 875.63 | 876.19 | 876.31 | 876.44 |
| PROGRESSIVE PROGETTO | -5.98  | -5.96  | -3.00  | 0.00   | 3.00   | 4.20   |        |
| QUOTE PROGETTO       | 875.00 | 875.00 | 876.97 | 877.00 | 876.97 | 876.17 |        |

| Mat. alla progr. 0+178.62 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 10.96     | 136.14    | 292.72         |
| Scavo                     | 0.00      | 68.41     | 3002.47        |

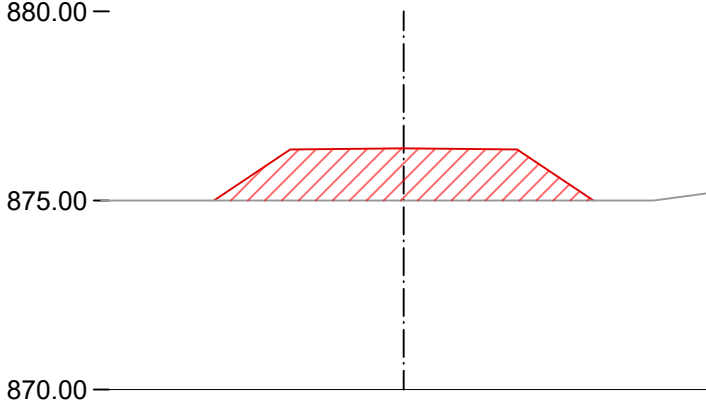
TRACCIATO 2  
178.625



|                      |        |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -6.68  | -5.47  |        | 0.00   |        | 4.54   | 6.61   | 0.00   |
| QUOTE TERRENO        | 875.68 | 875.00 |        | 875.73 |        | 876.33 | 876.48 | 876.61 |
| PROGRESSIVE PROGETTO | -6.04  | -6.03  | -3.00  |        | 3.00   | 4.11   |        |        |
| QUOTE PROGETTO       | 875.00 | 875.00 | 877.02 | 877.05 | 877.02 | 876.28 |        |        |

| Mat. alla progr. 0+200.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 10.90     | 228.78    | 530.63         |
| Scavo                     | 0.00      | 0.00      | 3002.47        |

TRACCIATO 2  
200.000

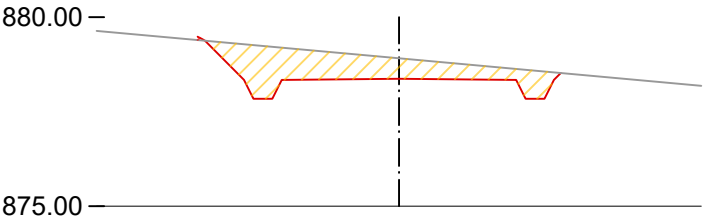


|                      |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -6.68  | -6.59  |        | 4.27   | 5.74   | 6.68   |
| QUOTE TERRENO        | 875.68 | 875.00 |        | 875.00 | 875.00 | 875.18 |
| PROGRESSIVE PROGETTO | -5.02  | -3.00  |        | 3.00   | 5.02   |        |
| QUOTE PROGETTO       | 875.00 | 876.35 | 876.38 | 876.35 | 875.00 |        |

| Mat. alla progr. 0+250.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.01      | 272.79    | 803.41         |
| Scavo                     | 5.83      | 144.95    | 3147.42        |

TRACCIATO 2  
250.000

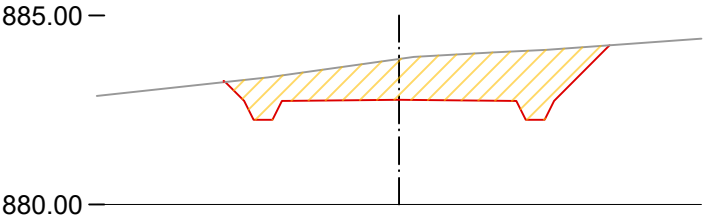
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|----------------------|--------|--------|--------|--------|--------|--|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  |        |        |        |        |  |        | 0.00   |
| QUOTE TERRENO        | 879.64 |        |        |        |        |  |        | 879.18 |
| PROGRESSIVE PROGETTO |        | -5.33  | -5.14  | -3.85  | -3.00  |  | 3.00   | 3.85   |
| QUOTE PROGETTO       |        | 879.48 | 879.38 | 877.84 | 878.34 |  | 878.37 | 878.52 |



| Mat. alla progr. 0+302.18 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.00      | 803.64         |
| Scavo                     | 10.31     | 20.47     | 3526.04        |

TRACCIATO 2  
302.177

|                      |        |        |        |        |        |  |        |        |
|----------------------|--------|--------|--------|--------|--------|--|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  |        |        |        |        |  |        | 0.00   |
| QUOTE TERRENO        | 883.67 |        |        |        |        |  |        | 884.38 |
| PROGRESSIVE PROGETTO |        | -4.65  | -4.60  | -3.85  | -3.00  |  | 0.00   | 3.85   |
| QUOTE PROGETTO       |        | 883.27 | 883.24 | 882.24 | 882.74 |  | 882.77 | 884.21 |

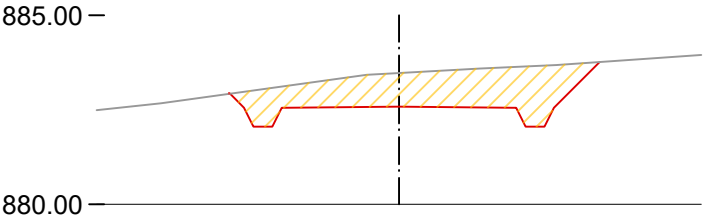


- Aree di scavo
- Aree di riporto
- Profilo terreno esistente
- Profilo terreno in progetto

| Mat. alla progr. 0+300.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.22      | 803.64         |
| Scavo                     | 8.49      | 358.15    | 3505.56        |

TRACCIATO 2  
300.000

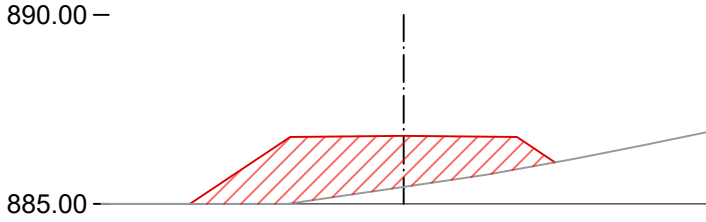
|                      |        |        |        |        |        |  |        |        |
|----------------------|--------|--------|--------|--------|--------|--|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -6.30  |        |        |        |  |        | 0.00   |
| QUOTE TERRENO        | 882.49 | 882.67 |        |        |        |  |        | 883.65 |
| PROGRESSIVE PROGETTO |        | -4.50  | -4.47  | -3.85  | -3.00  |  | 3.00   | 3.85   |
| QUOTE PROGETTO       |        | 882.94 | 882.93 | 882.05 | 882.55 |  | 882.58 | 883.76 |



| Mat. alla progr. 0+350.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 10.77     | 256.17    | 1059.81        |
| Scavo                     | 0.00      | 247.69    | 3773.73        |

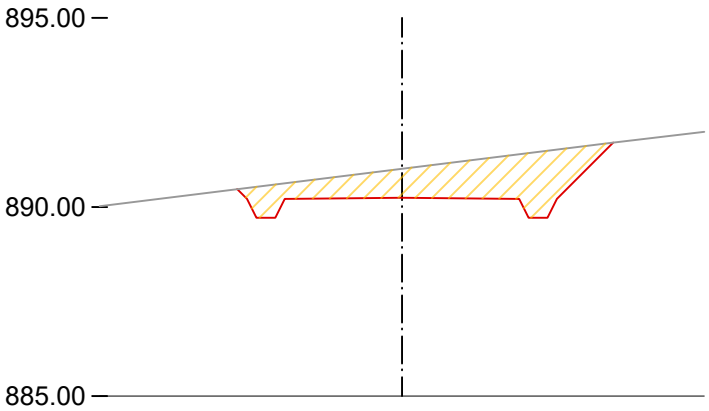
TRACCIATO 2  
350.000

|                      |        |        |        |        |  |  |        |        |
|----------------------|--------|--------|--------|--------|--|--|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -7.53  | -5.54  | -3.08  |  |  |        | 0.00   |
| QUOTE TERRENO        | 885.00 | 885.00 | 885.00 | 885.00 |  |  |        | 886.89 |
| PROGRESSIVE PROGETTO |        | -5.65  | -3.00  |        |  |  | 3.00   | 4.01   |
| QUOTE PROGETTO       |        | 885.00 | 886.77 | 886.80 |  |  | 886.77 | 886.10 |



| Mat. alla progr. 0+499.99 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 81.27     | 1537.19        |
| Scavo                     | 8.22      | 178.25    | 4203.12        |

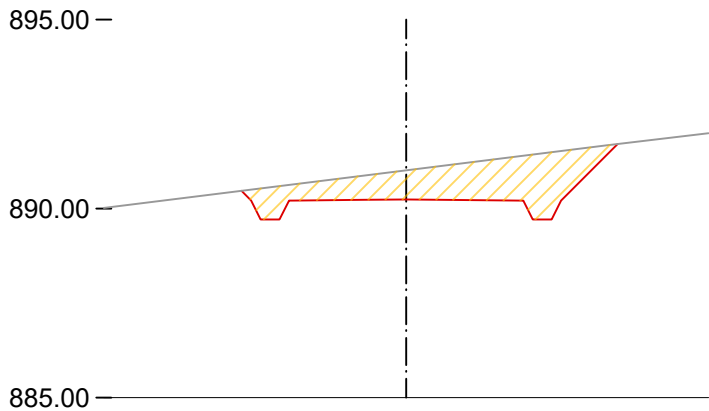
TRACCIATO 2  
499.990



|                      |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.66  | 0.00   | 5.49   | 0.00   |        |        |        |
| QUOTE TERRENO        | 890.62 | 891.01 | 891.69 | 891.99 |        |        |        |
| PROGRESSIVE PROGETTO | -4.36  | -4.36  | -3.85  | -3.00  | 3.00   | 3.85   | 5.59   |
| QUOTE PROGETTO       | 890.47 | 890.47 | 889.71 | 890.21 | 890.21 | 889.71 | 891.70 |

| Mat. alla progr. 0+500.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.00      | 1537.19        |
| Scavo                     | 8.23      | 0.08      | 4203.21        |

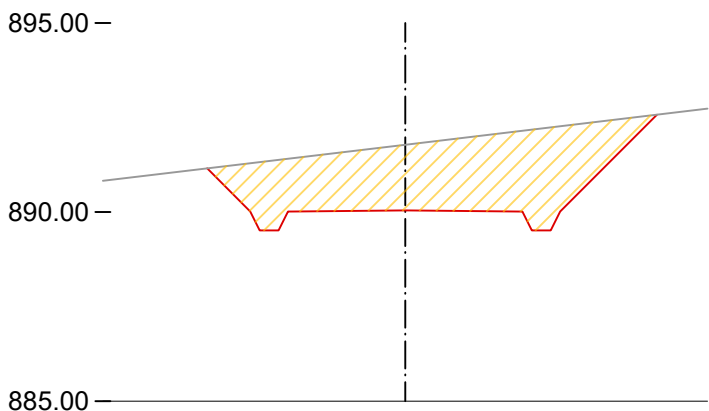
TRACCIATO 2  
500.000



|                      |        |        |        |        |        |        |        |  |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.66  |        |        |        |        | 0.00   |        |  |        | 5.33   |        |
| QUOTE TERRENO        | 890.62 |        |        |        |        | 891.01 |        |  |        | 891.67 | 891.66 |
| PROGRESSIVE PROGETTO |        | -4.36  | -4.36  | -3.85  | -3.00  | -1.09  | 0.00   |  | 3.00   | 3.85   | 5.59   |
| QUOTE PROGETTO       |        | 890.47 | 890.47 | 889.71 | 890.21 | 890.23 | 890.24 |  | 890.21 | 889.71 | 891.71 |

| Mat. alla progr. 0+550.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.00      | 1537.19        |
| Scavo                     | 18.75     | 674.40    | 4877.60        |

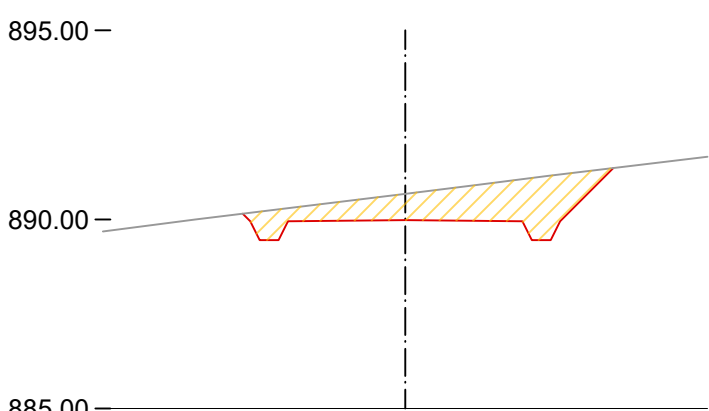
TRACCIATO 2  
550.000







|                      |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.66  | 0.00   | 0.00   |        |        |        |        |
| QUOTE TERRENO        | 890.63 | 891.78 | 892.74 |        |        |        |        |
| PROGRESSIVE PROGETTO | -5.24  | -3.85  | -3.00  | 3.00   | 3.85   | 6.66   |        |
| QUOTE PROGETTO       | 891.16 | 889.52 | 890.02 | 890.05 | 890.02 | 889.52 | 892.58 |

| Mat. alla progr. 0+566.19 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.00      | 0.00      | 1537.19        |
| Scavo                     | 7.52      | 212.68    | 5090.28        |

TRACCIATO 2  
566.194



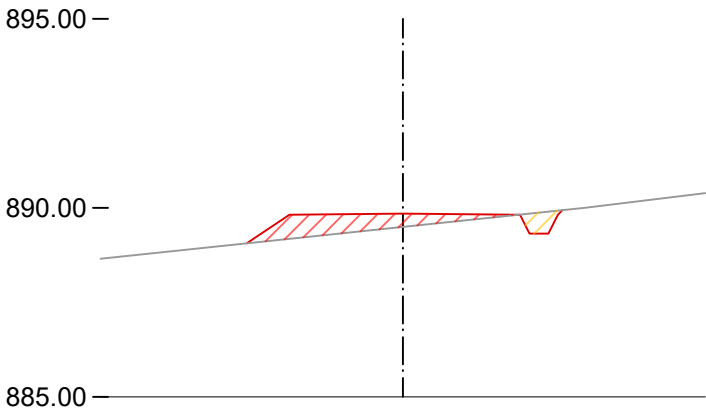
|                      |        |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.66  | -5.55  | 0.00   | 1.94   | 3.76   | 0.00   |        |
| QUOTE TERRENO        | 889.62 | 890.00 | 890.68 | 890.91 | 891.15 | 891.66 |        |
| PROGRESSIVE PROGETTO | -4.30  | -3.85  | -3.00  | 0.00   | 3.00   | 3.85   | 5.51   |
| QUOTE PROGETTO       | 890.15 | 889.45 | 889.95 | 889.98 | 889.95 | 889.45 | 891.36 |

-  Aree di scavo
-  Aree di riporto
-  Profilo terreno esistente
-  Profilo terreno in progetto



| Mat. alla progr. 0+600.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 2.39      | 40.90     | 1578.08        |
| Scavo                     | 0.44      | 132.78    | 5223.06        |

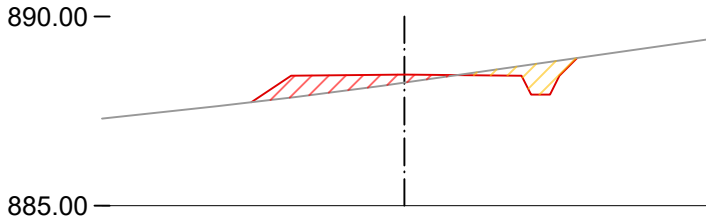
TRACCIATO 2  
600.000



|                      |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  |        |        | 4.80   | 0.00   |
| QUOTE TERRENO        | 888.55 |        |        | 889.50 | 889.39 |
| PROGRESSIVE PROGETTO |        | -4.14  | -3.00  | 3.00   | 3.85   |
| QUOTE PROGETTO       |        | 889.06 | 889.82 | 889.85 | 889.82 |

| Mat. alla progr. 0+650.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 1.65      | 56.64     | 1677.55        |
| Scavo                     | 1.02      | 23.04     | 5255.09        |

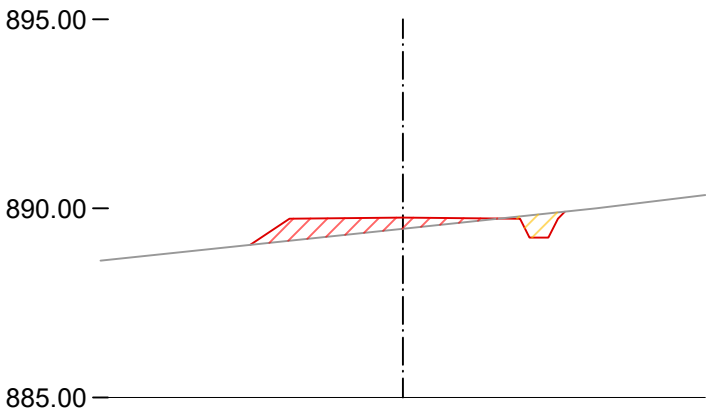
TRACCIATO 2  
650.000



|                      |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -4.94  | -2.91  |        | 0.00   |
| QUOTE TERRENO        | 887.39 | 887.63 | 887.87 | 888.25 | 889.39 |
| PROGRESSIVE PROGETTO |        | -4.05  | -3.00  | 3.00   | 3.85   |
| QUOTE PROGETTO       |        | 887.73 | 888.43 | 888.46 | 888.43 |

| Mat. alla progr. 0+619.30 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 2.00      | 42.82     | 1620.90        |
| Scavo                     | 0.52      | 8.99      | 5232.05        |

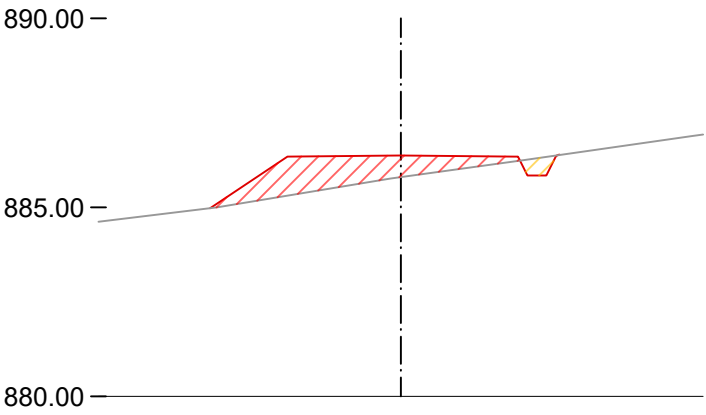
TRACCIATO 2  
619.302



|                      |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  |        |        | 0.00   | 5.12   | 0.00   |
| QUOTE TERRENO        | 888.62 |        |        | 889.46 | 890.00 | 890.35 |
| PROGRESSIVE PROGETTO |        | -4.04  | -3.00  | 0.00   | 3.00   | 3.85   |
| QUOTE PROGETTO       |        | 889.04 | 889.73 | 889.76 | 889.73 | 889.23 |

| Mat. alla progr. 0+672.41 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 4.53      | 69.92     | 1747.46        |
| Scavo                     | 0.34      | 14.82     | 5269.91        |

TRACCIATO 2  
672.410

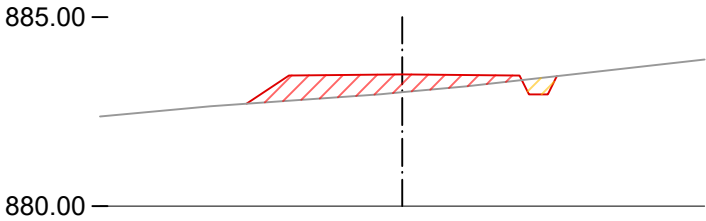


|                      |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -0.00  | -4.86  | 0.00   | 3.31   | 7.72   | 0.00   |
| QUOTE TERRENO        | 884.62 | 885.00 | 885.60 | 886.26 | 886.89 | 886.93 |
| PROGRESSIVE PROGETTO |        | -5.05  | -3.00  | 3.00   | 3.85   | 4.19   |
| QUOTE PROGETTO       |        | 884.98 | 886.34 | 886.37 | 886.34 | 885.84 |

- Aree di scavo
- Aree di riporto
- Profilo terreno esistente
- Profilo terreno in progetto

| Mat. alla progr. 0+700.00 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 3.06      | 104.83    | 1852.29        |
| Scavo                     | 0.30      | 8.81      | 5278.72        |

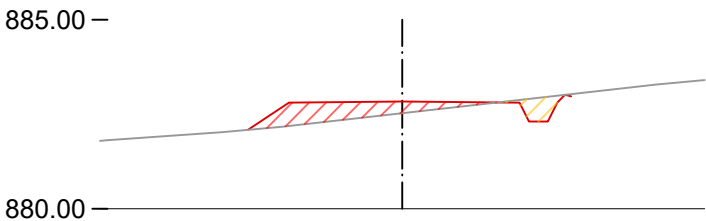
TRACCIATO 2  
700.000



|                      |        |        |        |        |
|----------------------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -8.00  | -5.07  | 1.68   | 0.00   |
| QUOTE TERRENO        | 882.57 | 882.64 | 883.01 | 883.16 |
| PROGRESSIVE PROGETTO |        | -4.12  | -3.00  | 3.00   |
| QUOTE PROGETTO       |        | 882.71 | 883.46 | 883.44 |

| Mat. alla progr. 0+706.18 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 2.11      | 16.01     | 1868.30        |
| Scavo                     | 0.55      | 2.63      | 5281.35        |

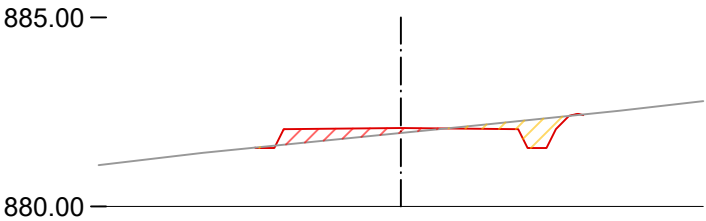
TRACCIATO 2  
706.185



|                      |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -8.00  | -7.82  | -4.73  | -3.19  | 6.72   | 0.00   |
| QUOTE TERRENO        | 881.79 | 881.81 | 882.03 | 882.17 | 882.53 | 882.29 |
| PROGRESSIVE PROGETTO |        | -4.08  | -3.00  | 3.00   | 3.85   | 4.37   |
| QUOTE PROGETTO       |        | 882.09 | 882.81 | 882.84 | 882.81 | 883.00 |

| Mat. alla progr. 0+713.48 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.97      | 11.42     | 1879.72        |
| Scavo                     | 0.91      | 5.14      | 5286.48        |

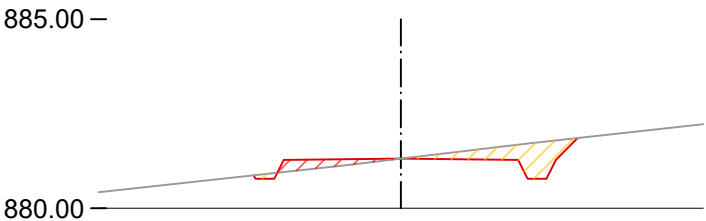
TRACCIATO 2  
713.479



|                      |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -8.00  | -5.24  | 0.00   | 2.21   | 5.78   | 0.00   |
| QUOTE TERRENO        | 881.69 | 881.42 | 881.94 | 882.16 | 882.53 | 882.70 |
| PROGRESSIVE PROGETTO |        | -3.86  | -3.85  | -3.00  | 0.00   | 3.00   |
| QUOTE PROGETTO       |        | 881.56 | 881.54 | 882.04 | 882.07 | 882.04 |

| Mat. alla progr. 0+720.77 |           |           |                |
|---------------------------|-----------|-----------|----------------|
| Mat.                      | Area (m²) | Vol. (m³) | Vol. Cum. (m³) |
| Riporto                   | 0.54      | 5.61      | 1885.33        |
| Scavo                     | 1.67      | 9.13      | 5295.61        |

TRACCIATO 2  
720.772



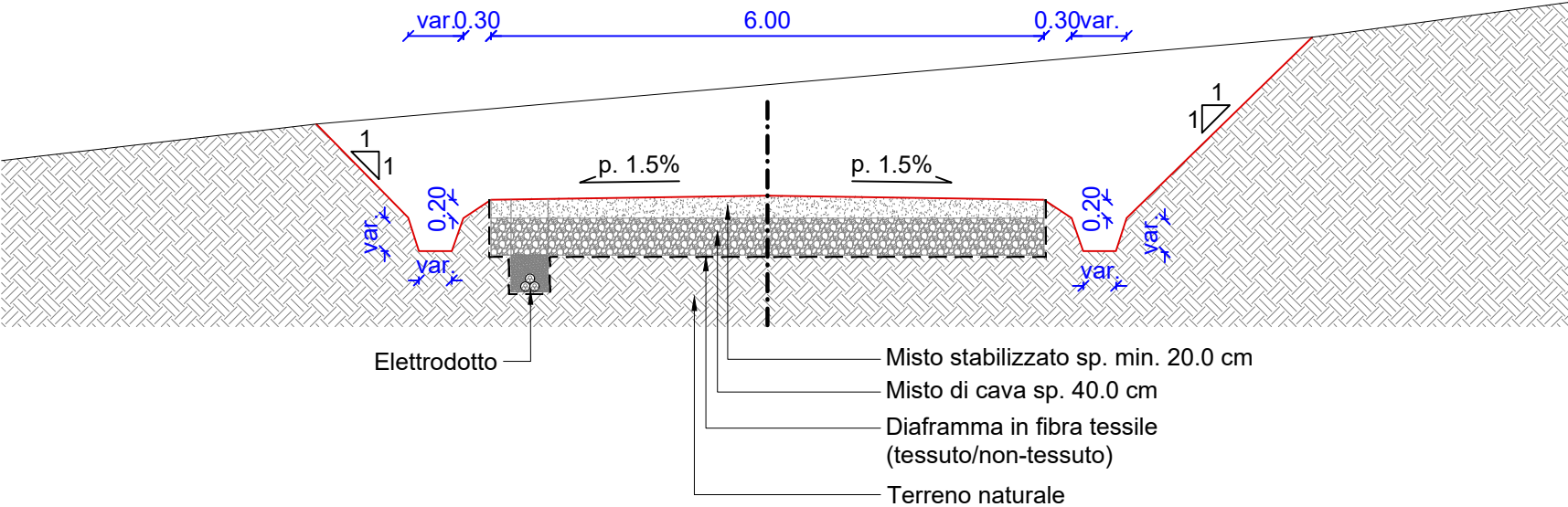
|                      |        |        |        |        |        |        |
|----------------------|--------|--------|--------|--------|--------|--------|
| PROGRESSIVE TERRENO  | -8.00  | -7.68  | -1.51  | 0.00   | 3.32   | 0.00   |
| QUOTE TERRENO        | 880.42 | 880.46 | 881.13 | 881.31 | 881.71 | 882.52 |
| PROGRESSIVE PROGETTO |        | -3.89  | -3.85  | -3.00  | 0.00   | 3.00   |
| QUOTE PROGETTO       |        | 880.87 | 880.78 | 881.28 | 881.31 | 881.28 |

- Aree di scavo
- Aree di riporto
- Profilo terreno esistente
- Profilo terreno in progetto



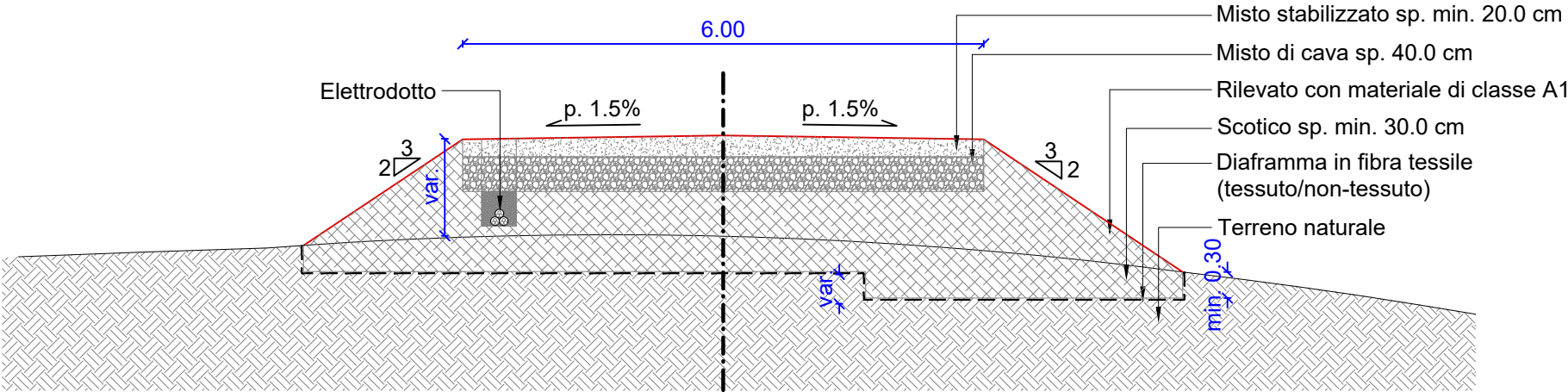
1 Stato di progetto - Sezione tipo stradale in scavo

1:75



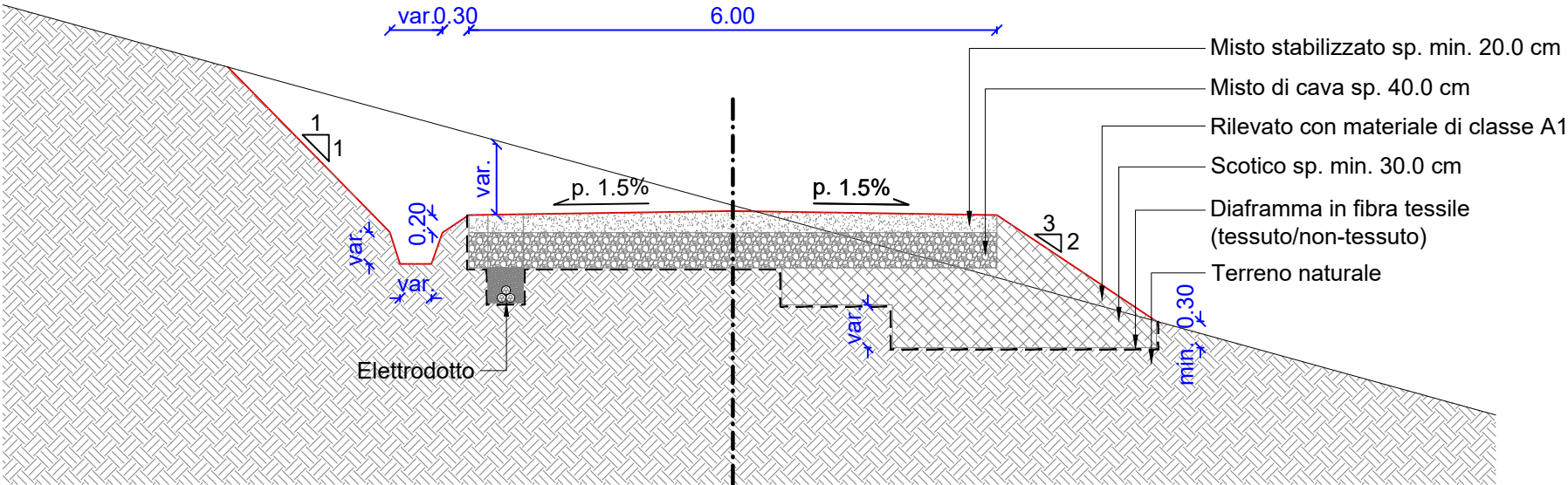
2 Stato di progetto - Sezione tipo stradale in rilevato

1:75



3 Stato di progetto - Sezione tipo stradale a mezza costa

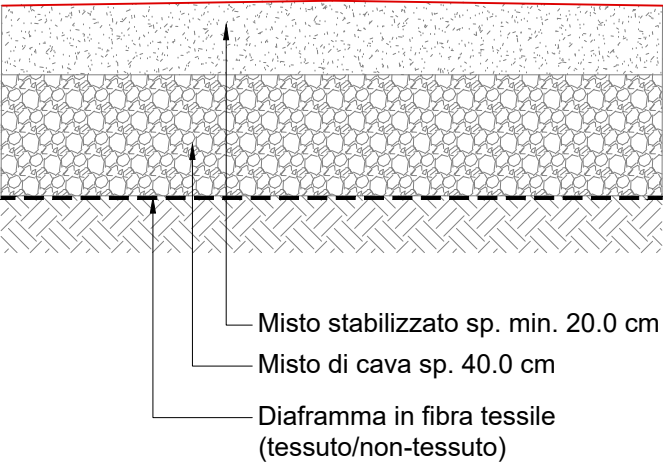
1:75



4 Stato di progetto - Dettaglio 1

1:25

Tratti rettilinei con  $i < 13\%$  e tratti in curva con  $i < 7\%$



— Profilo terreno esistente  
— Profilo terreno in progetto

NOTE:

Pendenza longitudinale variabile tra lo 0.00% e  $\pm 10\%$

La pendenza delle scarpate non deve superare valori di 1:1 per i corpi in rilevato provvisorio, mentre deve essere minore o uguale a 3:2 per i rilevati in esercizio definitivo.

La pendenza delle scarpate in trincea può assumere valori pari a 1:1 se la scarpata ha altezza minore o uguale a 6 m, mentre 3:2 con ribanche intermedie da 50 cm ogni 6 metri di altezza per altezze complessive maggiori