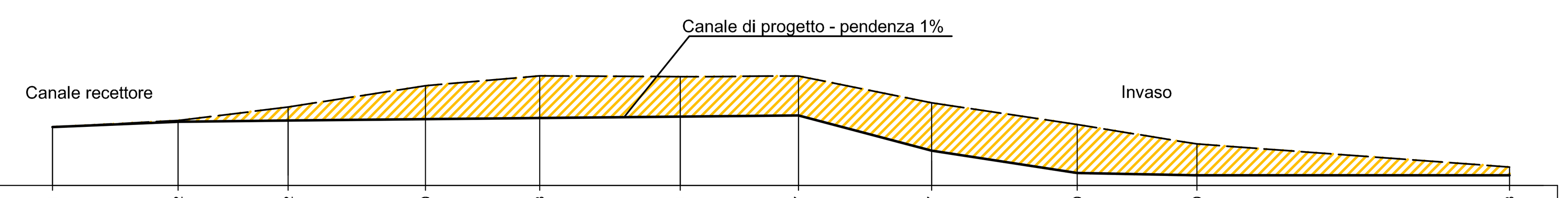
## Sezione longitudinale canale scolmatore

### SEZIONE G - G'




QT.RIF. 126.00 m s.l.m.

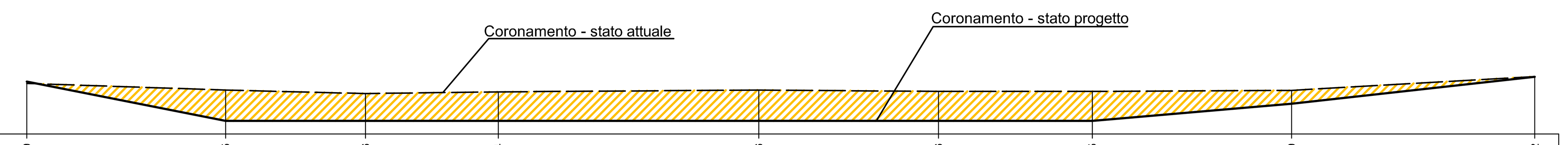
| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| 0.00 | 137.71 | 0.00 | 137.71 |
| 25.24 | 139.02 | 25.24 | 138.78 |
| 47.41 | 141.72 | 47.41 | 139.00 |
| 75.04 | 146.00 | | |
| 98.02 | 147.98 | | |
| 126.29 | 147.81 | 126.29 | 139.79 |
| 150.09 | 147.97 | 150.09 | 140.00 |
| 176.91 | 142.57 | 176.91 | 132.96 |
| 206.19 | 138.20 | 206.19 | 128.46 |
| 230.28 | 134.30 | 230.28 | 128.00 |
| 293.20 | 129.68 | 293.20 | 128.00 |

DIST. PARZIALI TERRENO: 25.24, 22.17, 27.63, 22.98, 28.27, 23.80, 26.82, 29.28, 24.09, 62.92

DIST. PARZIALI PROGETTO: 25.24, 22.17, 78.88, 23.80, 26.82, 29.28, 24.09, 62.92

## Sezione longitudinale coronamento

### SEZIONE H - H'




QT.RIF. 140.00 m s.l.m.

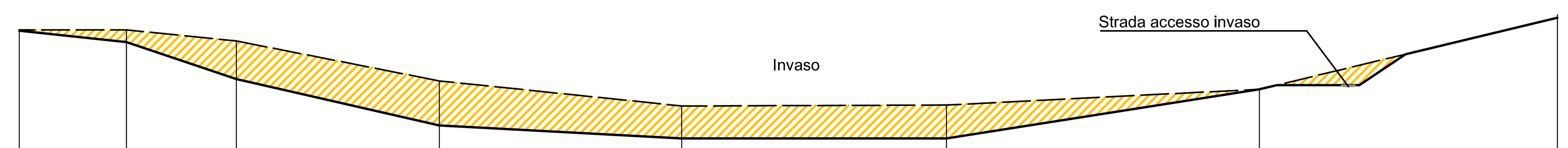
| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| 0.00 | 151.59 | 0.00 | 152.00 |
| 45.61 | 150.05 | 45.61 | 143.00 |
| 77.73 | 149.26 | 77.73 | 143.00 |
| 108.21 | 149.64 | 108.21 | 143.00 |
| 167.95 | 150.06 | 167.95 | 143.00 |
| 209.19 | 149.76 | 209.19 | 143.00 |
| 244.51 | 149.75 | 244.51 | 143.00 |
| 290.24 | 149.99 | 290.24 | 146.94 |
| 346.01 | 153.12 | 346.01 | 153.12 |

DIST. PARZIALI TERRENO: 45.61, 32.12, 30.48, 59.74, 41.24, 35.32, 45.73, 55.77

DIST. PARZIALI PROGETTO: 45.61, 32.12, 30.48, 59.74, 41.24, 35.32, 45.73, 55.77

## Sezioni trasversali invaso

### SEZIONE I - I'



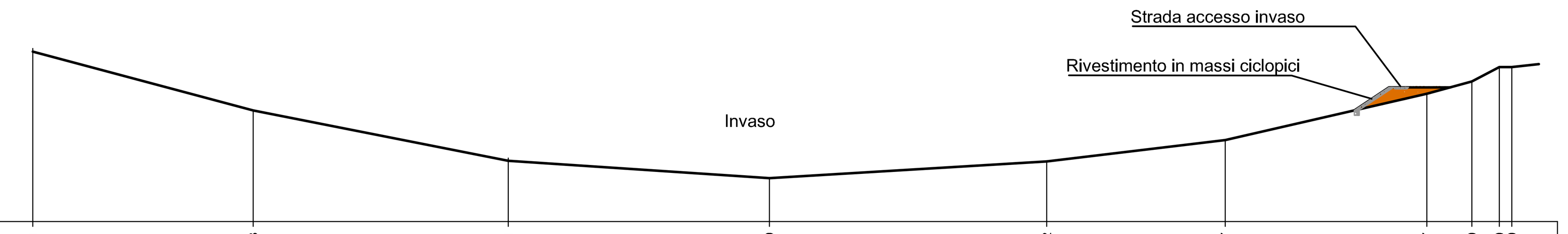

QT.RIF. 120.00 m s.l.m.

| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| 0.00 | 151.40 | 0.00 | 151.22 |
| 23.23 | 151.40 | 23.23 | 148.78 |
| 47.00 | 149.00 | 47.00 | 140.80 |
| 90.97 | 140.40 | 90.97 | 130.80 |
| 143.42 | 135.00 | 143.42 | 128.00 |
| 200.74 | 135.20 | 200.74 | 128.00 |
| 268.44 | 138.60 | 268.44 | 138.60 |
| | | 272.23 | 139.50 |
| | | 290.10 | 139.50 |
| | | 300.07 | 146.15 |
| 332.96 | 154.70 | 332.96 | 154.00 |

DIST. PARZIALI TERRENO: 23.23, 23.77, 43.97, 52.45, 57.32, 67.70, 64.52

DIST. PARZIALI PROGETTO: 23.23, 23.77, 43.97, 52.45, 57.32, 67.70, 3.79, 17.87, 9.97, 32.90

### SEZIONE J - J'




QT.RIF. 120.00 m s.l.m.

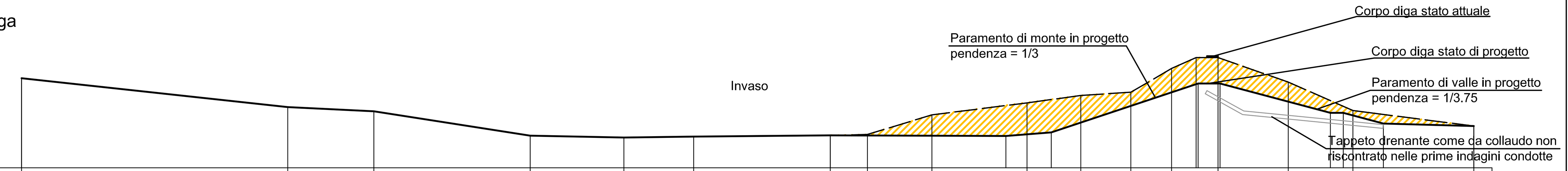
| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| 0.00 | 154.61 | 0.00 | 154.00 |
| 44.13 | 142.23 | 44.13 | 142.22 |
| 95.23 | 132.71 | 95.23 | 132.16 |
| 147.56 | 128.59 | 147.56 | 128.67 |
| 203.09 | 132.02 | 203.09 | 132.00 |
| 238.88 | 136.27 | 238.88 | 136.27 |
| | | 264.73 | 144.22 |
| | | 271.67 | 146.85 |
| | | 272.57 | 146.85 |
| | | 275.47 | 146.85 |
| 279.27 | 145.67 | | |
| | | 283.77 | 146.85 |
| 288.27 | 148.00 | | |
| 293.77 | 150.90 | | |
| 296.27 | 150.90 | 296.27 | 150.90 |

DIST. PARZIALI TERRENO: 44.13, 51.10, 52.33, 55.53, 35.79, 40.39, 9.00, 5.50, 2.50

DIST. PARZIALI PROGETTO: 44.13, 51.10, 52.33, 55.53, 35.79, 25.85, 8.20, 3.00, 8.20, 12.50

## Sezioni trasversali corpo diga

### SEZIONE A - A'



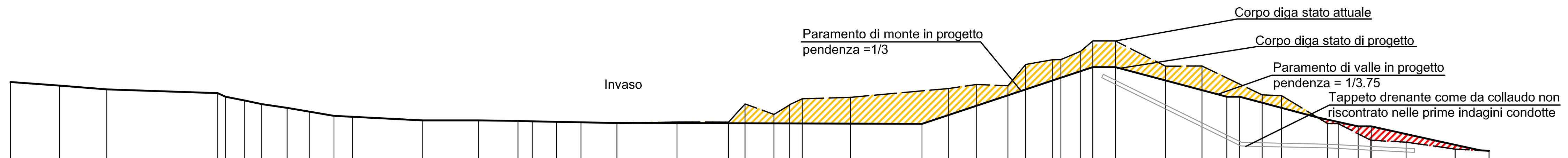

QT.RIF. 120.00 m s.l.m.

| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| 0.00 | 144.45 | 0.00 | 144.45 |
| 72.49 | 136.57 | | |
| 95.97 | 135.40 | | |
| 138.55 | 128.77 | | |
| 164.08 | 128.28 | | |
| 183.09 | 128.51 | | |
| 220.30 | 128.85 | 220.30 | 128.85 |
| 230.38 | 129.09 | | |
| 247.98 | 134.45 | | |
| | | 268.13 | 128.68 |
| 273.89 | 137.71 | | |
| | | 280.46 | 129.67 |
| 288.53 | 139.73 | | |
| 302.16 | 140.62 | | |
| 313.26 | 147.09 | | |
| 319.91 | 150.06 | | |
| | | 320.46 | 143.00 |
| 325.91 | 150.06 | | |
| | | 326.47 | 143.00 |
| 345.05 | 143.36 | | |
| | | 356.50 | 135.00 |
| | | 360.00 | 135.00 |
| 362.66 | 135.61 | | |
| | | 370.93 | 132.08 |
| 395.56 | 131.39 | 395.56 | 131.39 |

DIST. PARZIALI TERRENO: 72.49, 23.48, 42.58, 25.53, 19.01, 37.21, 10.08, 17.60, 25.91, 14.64, 13.63, 11.10, 6.65, 6.00, 19.14, 17.61, 32.90

DIST. PARZIALI PROGETTO: 220.30, 47.83, 12.33, 40.00, 6.01, 30.03, 3.50, 10.93, 24.63

### SEZIONE B - B'



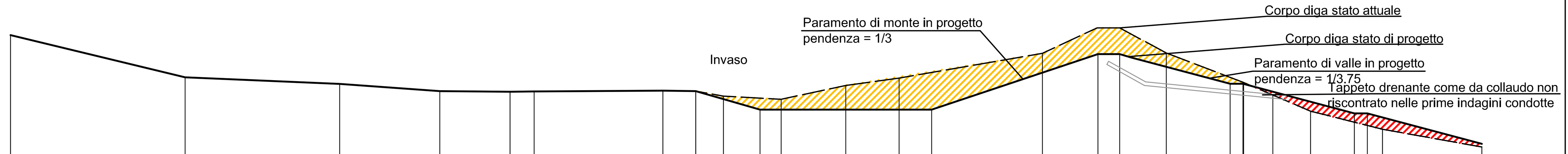

QT.RIF. 110.00 m s.l.m.

| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| | 139.00 | | 139.00 |
| 13.25 | 138.00 | | |
| 25.93 | 137.00 | | |
| 55.85 | 136.00 | | |
| 57.96 | 135.00 | | |
| 63.12 | 134.00 | | |
| 67.68 | 133.00 | | |
| 74.55 | 132.00 | | |
| 80.50 | 131.00 | | |
| 87.17 | 129.85 | | |
| 92.17 | 129.59 | | |
| 111.09 | 128.61 | | |
| 126.09 | 128.60 | | |
| 136.75 | 128.48 | | |
| 140.57 | 128.38 | | |
| 147.15 | 128.23 | | |
| 153.71 | 128.12 | | |
| 163.41 | 127.88 | 163.41 | 127.88 |
| 179.58 | 128.19 | | |
| 193.44 | 128.17 | | |
| 197.88 | 133.06 | | |
| 205.71 | 130.24 | | |
| 209.91 | 132.83 | | |
| 213.33 | 134.47 | | |
| 226.30 | 134.86 | | |
| | | 245.57 | 127.67 |
| 252.67 | 137.23 | | |
| 260.22 | 138.32 | | |
| 268.74 | 137.96 | | |
| 273.50 | 143.75 | | |
| 280.70 | 144.99 | | |
| 282.98 | 145.03 | | |
| 288.33 | 147.30 | | |
| 291.56 | 150.06 | 291.56 | 143.00 |
| | | 297.56 | 143.00 |
| 297.67 | 150.06 | | |
| 311.19 | 143.27 | | |
| 320.99 | 143.30 | | |
| | | 327.56 | 135.00 |
| | | 331.06 | 135.00 |
| 337.21 | 135.52 | | |
| 342.44 | 135.31 | | |
| 354.78 | 127.80 | | |
| 357.71 | 127.75 | | |
| | | 362.95 | 127.00 |
| | | 366.45 | 127.00 |
| 366.46 | 123.27 | | |
| 375.98 | 122.75 | | |
| 389.19 | 120.86 | | |
| 398.35 | 120.40 | 398.35 | 120.40 |

DIST. PARZIALI TERRENO: 13.25, 12.69, 29.91, 2.11, 5.16, 4.56, 6.87, 5.94, 6.67, 5.00, 18.92, 15.00, 10.66, 3.82, 6.58, 6.56, 9.70, 16.17, 13.86, 4.44, 7.83, 4.20, 3.26, 12.97, 26.37, 7.55, 8.52, 4.76, 7.20, 2.28, 5.35, 3.23, 6.11, 13.51, 9.80, 16.22, 5.23, 12.34, 2.93, 8.75, 9.52, 13.21, 9.16

DIST. PARZIALI PROGETTO: 163.41, 82.16, 46.00, 6.00, 30.00, 3.50, 31.89, 3.50, 31.90

### SEZIONE C - C'




QT.RIF. 110.00 m s.l.m.

| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| 0.00 | 148.10 | 0.00 | 148.10 |
| 47.23 | 136.74 | | |
| 89.07 | 134.95 | | |
| 116.17 | 133.00 | | |
| 135.17 | 132.85 | | |
| 141.68 | 132.90 | | |
| 176.54 | 133.12 | | |
| 185.44 | 133.02 | 185.44 | 133.02 |
| 192.90 | 131.65 | | |
| | | 202.83 | 128.00 |
| 208.52 | 130.80 | | |
| 226.00 | 134.54 | | |
| 240.45 | 136.53 | | |
| | | 249.24 | 128.00 |
| 279.21 | 143.21 | | |
| 294.24 | 150.06 | 294.24 | 143.00 |
| 300.14 | 150.06 | 300.14 | 143.00 |
| 312.74 | 143.30 | | |
| | | 329.99 | 131.95 |
| 333.65 | 135.33 | 333.49 | 131.95 |
| 351.78 | 127.60 | | |
| | | 363.61 | 131.95 |
| | | 367.11 | 131.95 |
| 371.23 | 122.72 | | |
| 398.14 | 117.94 | 398.14 | 117.94 |

DIST. PARZIALI TERRENO: 47.23, 41.84, 27.09, 19.00, 6.51, 34.86, 8.90, 7.46, 15.63, 17.48, 14.45, 38.76, 15.03, 5.90, 12.60, 20.91, 18.13, 19.45, 26.91

DIST. PARZIALI PROGETTO: 185.44, 17.40, 46.42, 45.00, 6.00, 29.85, 3.50, 30.12, 3.50, 31.03

## Sezioni trasversali canale scolmatore

### SEZIONE D -D'

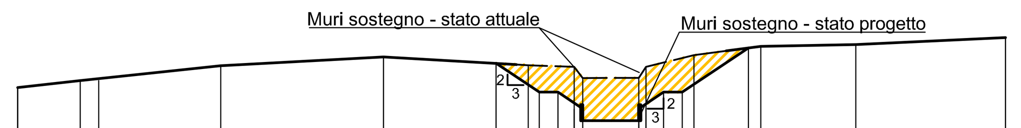
QT.RIF. 130.00 m s.l.m.

| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| 0.00 | 143.41 | 0.00 | 143.41 |
| 29.40 | 147.62 | | |
| 41.25 | 148.66 | | |
| 73.10 | 151.98 | | |
| 82.79 | 152.00 | | |
| 89.08 | 151.36 | | |
| | | 99.83 | 151.20 |
| 104.63 | 151.13 | | |
| | | 108.59 | 145.35 |
| | | 112.09 | 145.35 |
| 115.17 | 149.90 | 116.39 | 142.50 |
| 116.79 | 147.81 | 116.79 | 140.00 |
| 127.41 | 147.83 | 127.29 | 140.00 |
| 128.77 | 149.90 | 127.69 | 142.50 |
| | | 131.99 | 145.35 |
| | | 135.49 | 145.35 |
| 138.77 | 150.31 | | |
| | | 143.07 | 145.35 |
| 149.70 | 150.58 | | |
| 187.33 | 148.70 | 187.33 | 148.70 |

DIST. PARZIALI TERRENO: 29.40, 11.85, 31.85, 9.69, 6.29, 15.55, 10.54, 1.62, 10.62, 1.36, 10.00, 10.93, 37.63

DIST. PARZIALI PROGETTO: 99.83, 8.76, 3.50, 4.30, 0.4, 10.50, 0.4, 4.30, 3.50, 7.58, 44.26

### SEZIONE E - E'



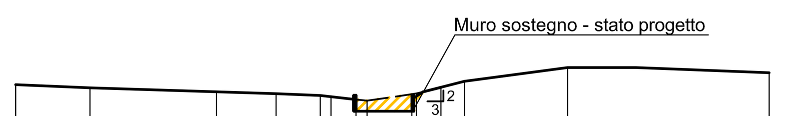

QT.RIF. 130.00 m s.l.m.

| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| 0.00 | 145.91 | 0.00 | 145.91 |
| 11.76 | 147.23 | | |
| 38.18 | 150.00 | | |
| 68.80 | 151.69 | | |
| | | 89.95 | 150.46 |
| 96.01 | 150.12 | 98.06 | 145.05 |
| | | 101.56 | 145.05 |
| 104.64 | 149.80 | 105.86 | 142.20 |
| 106.26 | 147.71 | 106.26 | 139.70 |
| 116.78 | 147.72 | 116.76 | 139.70 |
| 118.14 | 149.80 | 117.16 | 142.20 |
| | | 121.44 | 145.05 |
| | | 124.94 | 145.05 |
| 127.17 | 152.00 | | |
| | | 137.41 | 153.37 |
| 139.71 | 153.68 | | |
| 157.60 | 154.00 | | |
| 185.74 | 155.29 | 185.74 | 155.29 |

DIST. PARZIALI TERRENO: 11.76, 26.42, 30.62, 27.21, 8.63, 1.62, 10.52, 1.36, 9.03, 12.54, 17.89, 28.14

DIST. PARZIALI PROGETTO: 89.95, 8.11, 3.50, 4.30, 0.4, 10.50, 0.4, 4.28, 3.50, 12.47, 48.33

### SEZIONE F - F'




QT.RIF. 130.00 m s.l.m.

| DIST. PROGRESSIVE TERRENO | QUOTE TERRENO | DIST. PROGRESSIVE PROGETTO | QUOTE PROGETTO |
|---|---|---|---|
| | 144.04 | 0.00 | 144.04 |
| 14.00 | 143.46 | | |
| 48.94 | 142.34 | | |
| 57.23 | 141.99 | 59.26 | 141.87 |
| | | 63.55 | 141.30 |
| | | 63.95 | 139.06 |
| 66.05 | 141.03 | | |
| | | 74.45 | 139.06 |
| | | 74.85 | 141.56 |
| 75.30 | 142.37 | 76.54 | 142.53 |
| 84.33 | 144.67 | 84.33 | 144.67 |
| 103.72 | 147.24 | | |
| 116.59 | 147.24 | | |
| 141.59 | 146.29 | 141.59 | 146.29 |

DIST. PARZIALI TERRENO: 14.00, 34.94, 8.29, 8.82, 9.25, 9.03, 19.39, 12.87, 25.00

DIST. PARZIALI PROGETTO: 59.26, 4.29, 0.4, 10.50, 0.4, 1.69, 7.79, 57.26

---

Ministero dell'Ambiente e della Tutela del Territorio
Provincia di Pistoia
Comune di Pistoia
Autorità di Bacino del Fiume Arno
REGIONE TOSCANA GIUNTA REGIONALE
Consorzio di Bonifica "Ombrone Pistoiese - Bisenzio"
Publiacqua

# Opere strutturali di messa in sicurezza idraulica ed approvvigionamento idropotabile in loc. Gello e Laghi Primavera

## STRALCIO III PROGETTO DEFINITIVO

Progetto di messa in sicurezza idraulica e approvvigionamento idropotabile dell'invaso della Giudea in loc. Gello

R.U.P.
Arch. Francesco Bragagnolo
Via XXVII Aprile, 17 51100 Pistoia (PT)

PROGETTO:
Publiacqua S.p.A.
Via Villamagna, 90/C
50126 Firenze

GRUPPO DI LAVORO PROGETTO DEFINITIVO:

Direttore tecnico:
Ing. Annaclaudia Bonifazi

Progettisti:
Ing. Giovanni Simonelli
Geom. Luca Iacopini

Geologia:
Geol. Filippo Landini

Collaborazione alla progettazione:

Indagini Idrauliche
Ing. Leonardo Duranti

Indagini Geologiche
Geol. Carlo Ferri

INGEGNERIE TOSCANE

INGEGNERIE TOSCANE S.R.L.
Via Villamagna 90/c - Firenze
Cod. Fisc. e P. I.V.A. 6111950488
Organizzazione con sistema di gestione certificato dal RINA in conformità alla normativa
ISO9001 - ISO14001 - OHSAS18001 - SA8000

| TITOLO: | COD. |
|---|---|
| SEZIONI TRASVERSALI STATO SOVRAPPOSTO | STIII-003 |
| | DATA MARZO 2014 |
| | SCALA 1:1000 |