

HydroGeo

Ingegneria per l'Ambiente ed il Territorio

Studio Tecnico Associato Ingg. G. Gazzini, T. Staiano

AZIENDA CON SISTEMA DI GESTIONE
PER LA QUALITÀ CERTIFICATO DA DNV
= UNI EN ISO 9001:2008 =

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STUDIO IDROLOGICO IDRAULICO DI SUPPORTO AL REGOLAMENTO URBANISTICO DEL COMUNE DI SAN CASCIANO AI SENSI DEL REGOLAMENTO DI ATTUAZIONE 27/04/2007 N.26/R DELL'ART. 62 DELLA LEGGE REGIONALE 1/2005

CORSO D'ACQUA: FOSSO DI BATTAGLIO

TAVOLA

13

LIBRETTO SEZIONI FLUVIALI CON TR 20 - 30 200 - 500 ANNI FOSSO DI BATTAGLIO

SCALA: Varie

COMMITTENTE:



Comune di San Casciano in Val di Pesa

Via Machiavelli 56 - 50026 - San Casciano in Val di Pesa (FI)

PROGETTISTI:

ING. GIACOMO GAZZINI

DOTT. GEOL. ALESSANDRO MURRATZU

PROGETTO

L 3 5 0

LOTTO

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FASE

S 0 3

DOC

D

ELABORATO

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REV

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REV.

DATA EMISSIONE

REDATTO

VERIFICATO

APPROVATO

A

Ottobre 2011

G.Gazzini

G.Gazzini

G.Gazzini


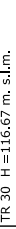
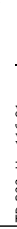

Fosso di Battaglio

Libretto Sezioni con Livelli Idrometrici

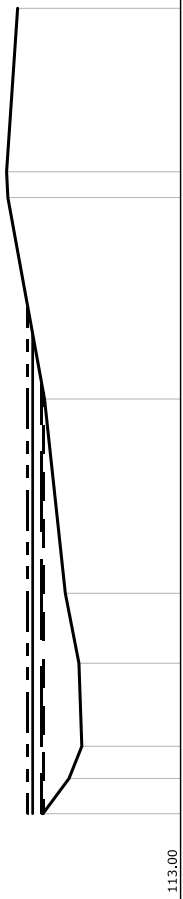
TR = 20 , 30, 200, 500 anni
con durata critica Fosso di Battaglio

SEZIONE N° 00027__11

LEGENDA:

- TR 20 H = 116.63 m. s.l.m. 
- TR 30 H = 116.67 m. s.l.m. 
- TR 200 H = 116.91 m. s.l.m. 
- TR 500 H = 117.04 m. s.l.m. 

SCALA DISTANZE 1:200
SCALA QUOTE 1:200



113.00

| PUNTI | |
|-------|--------|
| 1 | 116.64 |
| 2 | 115.95 |
| 3 | 115.61 |
| 4 | 115.69 |
| 5 | 116.05 |
| 6 | 116.60 |
| 7 | 117.57 |
| 8 | 117.60 |
| 9 | 117.31 |


| QUOTE [m s.l.m.] | |
|------------------|-------|
| 1 | 0.00 |
| 2 | 0.93 |
| 3 | 1.78 |
| 4 | 3.98 |
| 5 | 5.83 |
| 6 | 10.97 |
| 7 | 16.30 |
| 8 | 16.98 |
| 9 | 21.30 |


| Distanze Progressive [m] | |
|--------------------------|------|
| 1 | 0.00 |
| 2 | 0.93 |
| 3 | 1.78 |
| 4 | 2.20 |
| 5 | 1.85 |
| 6 | 5.14 |
| 7 | 5.33 |
| 8 | 4.32 |
| 9 | 4.32 |


| Distanze Parziali [m] | |
|-----------------------|------|
| 1 | 0.00 |
| 2 | 0.93 |
| 3 | 1.78 |
| 4 | 2.20 |
| 5 | 1.85 |
| 6 | 5.14 |
| 7 | 5.33 |
| 8 | 4.32 |
| 9 | 4.32 |


SEZIONE N° 00024__11

LEGENDA:

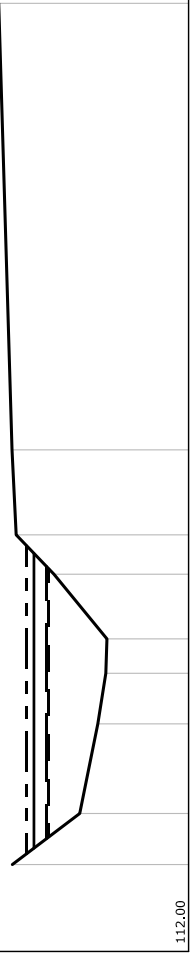
TR 20 H =115.69 m. s.l.m. 

TR 30 H =115.76 m. s.l.m. 

TR 200 H =116.09 m. s.l.m. 

TR 500 H =116.28 m. s.l.m. 

SCALA DISTANZE 1:200
SCALA QUOTE 1:200



| PUNTI | |
|-------|--------|
| 1 | 116.66 |
| 2 | 114.88 |
| 3 | 114.40 |
| 4 | 114.19 |
| 5 | 114.16 |
| 6 | 115.56 |
| 7 | 116.56 |
| 8 | 116.67 |
| 9 | 117.02 |



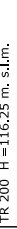
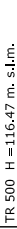
| QUOTE [m s.l.m.] | |
|------------------|-------|
| 1 | 0.00 |
| 2 | 1.35 |
| 3 | 3.72 |
| 4 | 5.06 |
| 5 | 5.97 |
| 6 | 7.68 |
| 7 | 8.72 |
| 8 | 10.97 |
| 9 | 22.78 |

| Distanze Progressive [m] | |
|--------------------------|-------|
| 1 | 0.00 |
| 2 | 1.35 |
| 3 | 2.37 |
| 4 | 3.34 |
| 5 | 4.71 |
| 6 | 6.04 |
| 7 | 7.25 |
| 8 | 8.60 |
| 9 | 11.81 |

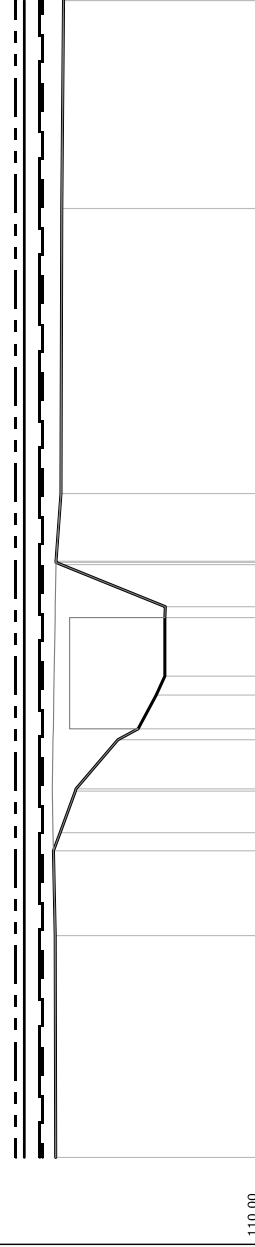
| Distanze Parziali [m] | |
|-----------------------|-------|
| 1-2 | 1.35 |
| 2-3 | 1.02 |
| 3-4 | 0.87 |
| 4-5 | 1.34 |
| 5-6 | 1.71 |
| 6-7 | 1.04 |
| 7-8 | 2.25 |
| 8-9 | 11.81 |

SEZIONE N° 00018PB11

LEGENDA:

- TR 20 H = 115.76 m. s.l.m. 
- TR 30 H = 115.84 m. s.l.m. 
- TR 200 H = 116.25 m. s.l.m. 
- TR 500 H = 116.47 m. s.l.m. 

SCALA DISTANZE 1:200
SCALA QUOTE 1:200



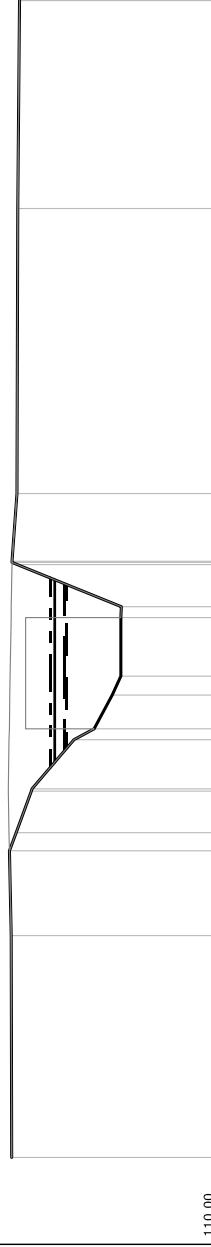
| PUNTI | 1 | 2 | 3 | 4 | 5 | 7.8 | 10.11 | 12.4 | 15 | 18 | 19 | 20 |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | 115.42 | 115.43 | 115.48 | 115.30 | 114.90 | 113.27 | 112.53 | 112.53 | 115.27 | 115.28 | 115.26 | 115.21 |
| DISTANZE PROGRESSIVE [m] | 0.00 | 5.87 | 8.11 | 8.59 | 9.69 | 11.05 | 12.23 | 14.28 | 15.68 | 17.56 | 25.10 | 30.60 |
| DISTANZE PARZIALI [m] | | 5.87 | 2.24 | 1.10 | 1.30 | 1.55 | 1.11 | 1.79 | 7.54 | 5.50 | | |

SEZIONE N° 00018PC11

LEGENDA:

- TR 20 H = 113.97 m. s.l.m.
- TR 30 H = 114.02 m. s.l.m.
- TR 200 H = 114.28 m. s.l.m.
- TR 500 H = 114.40 m. s.l.m.





SCALA DISTANZE 1:200
SCALA QUOTE 1:200



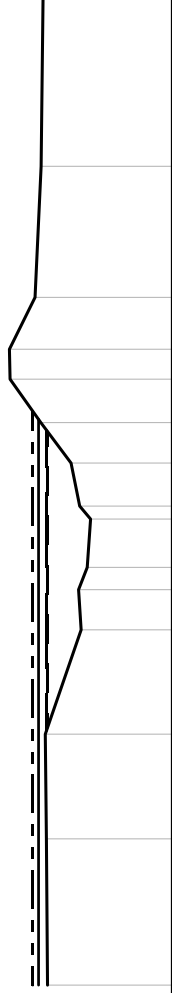
| PUNTI | 1 | 2 | 3 | 4 | 5 | 7.8 | 10.11 | 12.73 | 12.73 | 12.73 | 14.28 | 14.57 | 15.68 | 17.56 | 19 | 20 |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | 115.42 | 115.43 | 115.48 | 115.30 | 114.90 | 113.27 | 113.24 | 112.53 | 112.76 | 112.53 | 112.53 | 112.53 | 115.27 | 115.28 | 115.26 | 115.21 |
| DISTANZE PROGRESSIVE [m] | 0.00 | 5.87 | 8.11 | 8.59 | 9.69 | 11.05 | 11.34 | 12.73 | 12.23 | 12.73 | 14.28 | 14.57 | 15.68 | 17.56 | 25.10 | 30.60 |
| DISTANZE PARZIALI [m] | | 5.87 | 2.24 | 1.10 | 1.30 | 1.30 | 1.55 | 1.11 | 1.79 | 7.54 | 5.50 | | | | | |

SEZIONE N° 00005__11

LEGENDA:

- TR 20 H =110.28 m. s.l.m. 
- TR 30 H =110.31 m. s.l.m. 
- TR 200 H =110.52 m. s.l.m. 
- TR 500 H =110.67 m. s.l.m. 


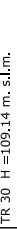
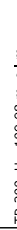

SCALA DISTANZE 1:200
SCALA QUOTE 1:200



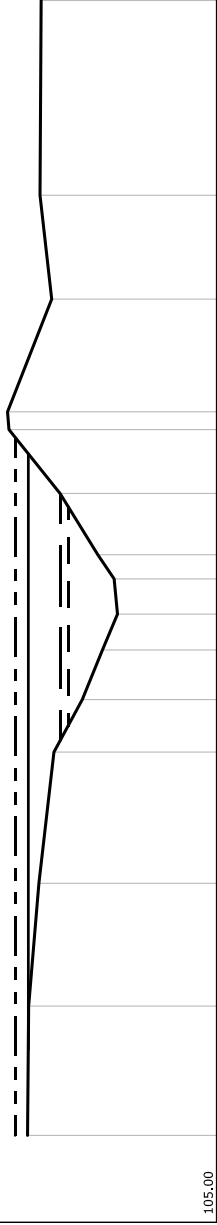
| PUNTI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | 110.28 | 110.31 | 110.34 | 109.39 | 109.46 | 109.23 | 109.43 | 109.14 | 109.66 | 110.46 | 111.27 | 111.29 | 110.61 | 110.45 | 110.40 |
| DISTANZE PROGRESSIVE [m] | 0.00 | 3.87 | 6.64 | 9.40 | 10.46 | 11.05 | 12.33 | 12.67 | 13.81 | 14.88 | 16.03 | 16.82 | 18.19 | 21.66 | 26.09 |
| DISTANZE PARZIALI [m] | | 3.87 | 2.77 | 2.76 | 1.06 | 1.28 | 1.14 | 1.07 | 1.15 | 1.37 | 3.47 | 4.43 | | | |

SEZIONE N° 00002__11

LEGENDA:

- TR 20 H = 108,93 m. s.l.m. 
- TR 30 H = 109,14 m. s.l.m. 
- TR 200 H = 109,98 m. s.l.m. 
- TR 500 H = 110,33 m. s.l.m. 

SCALA DISTANZE 1:200
SCALA QUOTE 1:200



| PUNTI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | 110.00 | 109.97 | 109.70 | 109.30 | 108.55 | 108.02 | 107.62 | 107.71 | 108.14 | 109.14 | 110.49 | 110.53 | 109.36 | 109.67 | 109.64 |
| DISTANZE PROGRESSIVE [m] | 0.00 | 3.42 | 6.67 | 10.14 | 11.53 | 12.84 | 13.79 | 14.72 | 15.36 | 16.98 | 18.67 | 19.14 | 22.12 | 24.87 | 30.02 |
| DISTANZE PARZIALI [m] | | 3.42 | 3.25 | 3.47 | 1.39 | 1.31 | | | 1.62 | 1.69 | 2.98 | 2.75 | | | 5.15 |

Fosso di Battaglio

Libretto Sezioni con Livelli Idrometrici

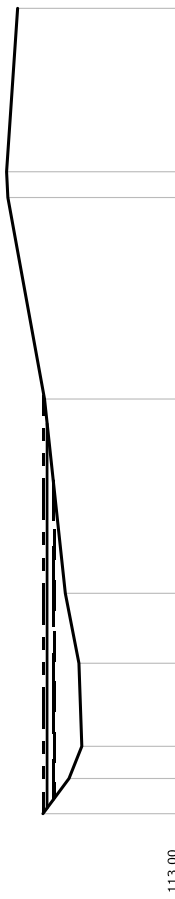
TR = 20 , 30, 200, 500 anni
con durata critica Fiume Greve

SEZIONE N° 00027__11

LEGENDA:

- TR 20 H = 116.33 m. s.l.m.
- TR 30 H = 116.37 m. s.l.m.
- TR 200 H = 116.53 m. s.l.m.
- TR 500 H = 116.62 m. s.l.m.


SCALA DISTANZE 1:200
SCALA QUOTE 1:200





| PUNTI | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--------------------------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | | 116,64 | 115,95 | 115,61 | 115,69 | 116,05 | 116,60 | 117,57 | 117,60 | 117,31 |
| DISTANZE PROGRESSIVE [m] | | 0,00 | 0,93 | 1,78 | 3,98 | 5,83 | 10,97 | 16,30 | 16,98 | 21,30 |
| DISTANZE PARZIALI [m] | | | 2,20 | 1,85 | 5,14 | 5,33 | 4,32 | | | |


SEZIONE N° 00024__11

LEGENDA:

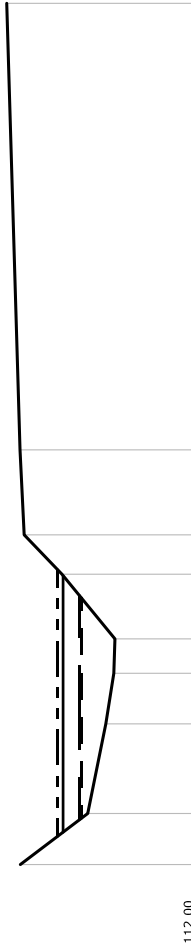
TR 20 H =115.05 m. s.l.m. 

TR 30 H =115.10 m. s.l.m. 

TR 200 H =115.53 m. s.l.m. 

TR 500 H =115.67 m. s.l.m. 


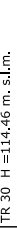
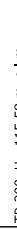

SCALA DISTANZE 1:200
SCALA QUOTE 1:200



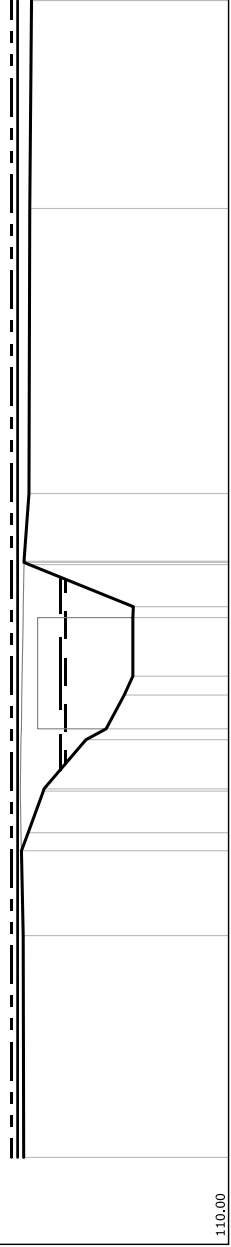
| PUNTI | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|--------------------------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | | 116,66 | 114,88 | 114,40 | 114,19 | 114,16 | 115,56 | 116,56 | 116,67 | 117,02 |
| DISTANZE PROGRESSIVE [m] | | 0,00 | 1,35 | 3,72 | 5,06 | 5,97 | 7,68 | 8,72 | 10,97 | 22,78 |
| DISTANZE PARZIALI [m] | | 1,35 | 2,37 | 1,34 | 1,71 | 1,04 | 2,25 | 11,81 | | |

SEZIONE N° 00018PB11

LEGENDA:

- TR 20 H = 14.32 m. s.l.m. 
- TR 30 H = 14.46 m. s.l.m. 
- TR 200 H = 115.58 m. s.l.m. 
- TR 500 H = 115.74 m. s.l.m. 



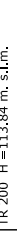
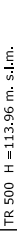
SCALA DISTANZE 1:200
SCALA QUOTE 1:200



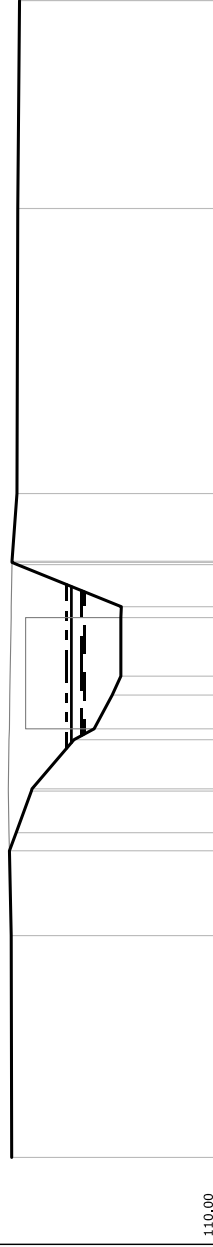
| PUNTI | 1 | 2 | 3 | 4 | 5 | 7.8 | 10.11 | 12.4 | 15 | 18 | 19 | 20 |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | 115.42 | 115.43 | 115.48 | 115.30 | 114.90 | 113.27 | 112.53 | 112.53 | 115.27 | 115.28 | 115.26 | 115.21 |
| DISTANZE PROGRESSIVE [m] | 0.00 | 5.87 | 8.11 | 8.59 | 9.69 | 11.05 | 12.23 | 14.28 | 15.68 | 17.56 | 25.10 | 30.60 |
| DISTANZE PARZIALI [m] | | 5.87 | 2.24 | 1.10 | 1.30 | 1.55 | 1.11 | 1.79 | 7.54 | 5.50 | | |

SEZIONE N° 00018PC11

LEGENDA:

- TR 20 H = 113.50 m. s.l.m. 
- TR 30 H = 113.57 m. s.l.m. 
- TR 200 H = 113.84 m. s.l.m. 
- TR 500 H = 113.96 m. s.l.m. 



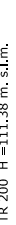
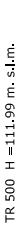
SCALA DISTANZE 1:200
SCALA QUOTE 1:200

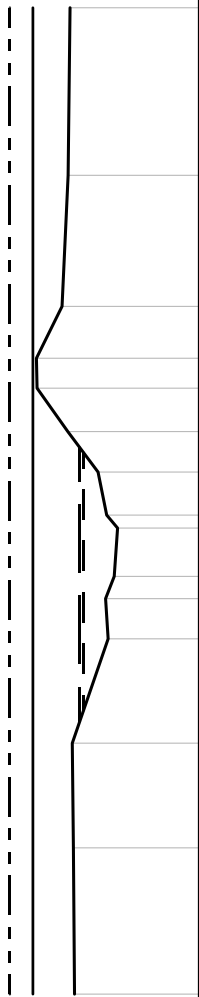


| PUNTI | 1 | 2 | 3 | 4 | 5 | 7.8 | 10.11 | 12.4 | 15 | 18 | 19 | 20 |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | 115.42 | 115.43 | 115.48 | 115.30 | 114.90 | 113.27 | 112.53 | 112.53 | 115.27 | 115.28 | 115.26 | 115.21 |
| DISTANZE PROGRESSIVE [m] | 0.00 | 5.87 | 8.11 | 8.59 | 9.69 | 11.05 | 12.23 | 14.28 | 15.68 | 17.56 | 25.10 | 30.60 |
| DISTANZE PARZIALI [m] | | 5.87 | 2.24 | 1.10 | 1.30 | 1.55 | 1.11 | 1.79 | 7.54 | 5.50 | | |

SEZIONE N° 00005__11

LEGENDA:

- TR 20 H =110.04 m. s.l.m. 
- TR 30 H =110.14 m. s.l.m. 
- TR 200 H =111.38 m. s.l.m. 
- TR 500 H =111.99 m. s.l.m. 


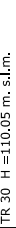
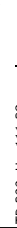



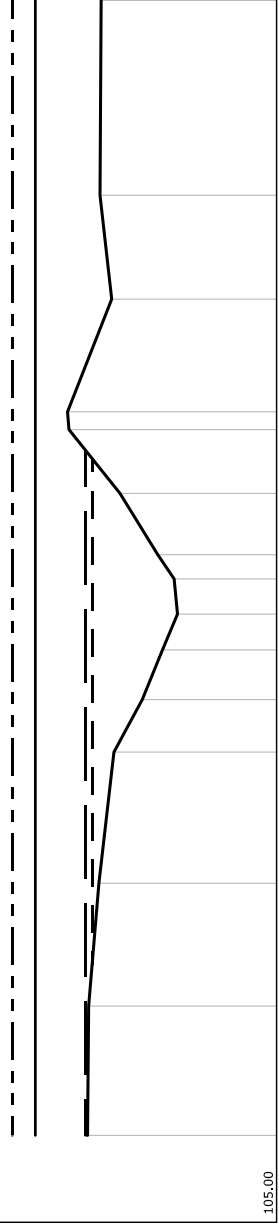
SCALA DISTANZE 1:200
SCALA QUOTE 1:200

| PUNTI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | 110.28 | 110.31 | 110.34 | 109.39 | 109.46 | 109.23 | 109.43 | 109.14 | 109.66 | 110.46 | 111.27 | 111.29 | 110.61 | 110.45 | 110.40 |
| DISTANZE PROGRESSIVE [m] | 0.00 | 3.87 | 6.64 | 9.40 | 10.46 | 11.05 | 12.33 | 13.81 | 14.88 | 16.03 | 16.82 | 18.19 | 21.66 | 26.09 | |
| DISTANZE PARZIALI [m] | | 3.87 | 2.77 | 2.76 | 1.06 | 1.28 | 1.14 | 1.07 | 1.15 | 1.37 | 3.47 | 4.43 | | | |

SEZIONE N° 00002__11

LEGENDA:

- TR 20 H = 109,88 m. s.l.m. 
- TR 30 H = 110,05 m. s.l.m. 
- TR 200 H = 111,38 m. s.l.m. 
- TR 500 H = 111,99 m. s.l.m. 



SCALA DISTANZE 1:200
SCALA QUOTE 1:200

| PUNTI | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| QUOTE [m s.l.m.] | 110.00 | 109.97 | 109.70 | 109.30 | 108.55 | 108.02 | 107.62 | 107.71 | 108.14 | 109.14 | 110.49 | 110.53 | 109.36 | 109.67 | 109.64 |
| DISTANZE PROGRESSIVE [m] | 0.00 | 3.42 | 6.67 | 10.14 | 11.53 | 12.84 | 13.79 | 14.72 | 15.36 | 16.98 | 18.67 | 19.14 | 22.12 | 24.87 | 30.02 |
| DISTANZE PARZIALI [m] | | 3.42 | 3.25 | 3.47 | 1.39 | 1.31 | | | 1.62 | 1.69 | 2.98 | 2.75 | 5.15 | | |