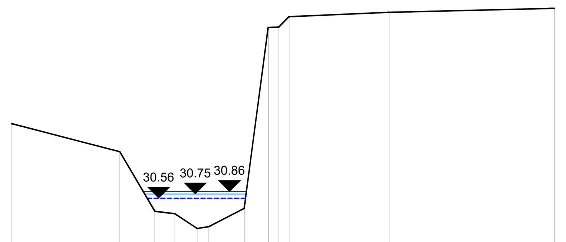
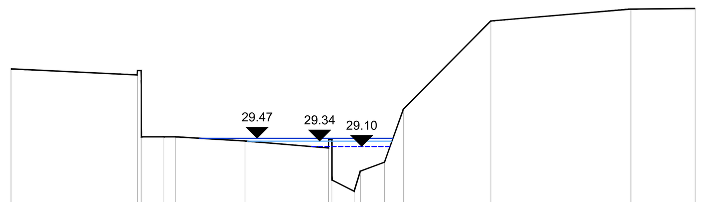
SEZIONE 222 ril.2021



20.00 — 200 / 500

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12
DISTANZE PROGRESSIVE [m]	0.00 12.16 16.08 18.32 20.80 22.11 26.06 28.75 29.93 31.07 42.26 60.78
DISTANZE PARZIALI [m]	12.16 3.91 2.25 2.48 1.31 3.94 2.69 1.18 1.14 11.18 18.53
QUOTE [m s.l.m.m.]	33.90 32.64 29.98 29.87 29.21 29.29 30.10 38.20 38.22 38.68 38.88 39.05

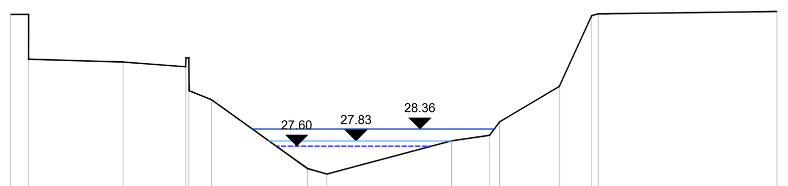
SEZIONE 223 ril.2021



20.00 — 200 / 500

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
DISTANZE PROGRESSIVE [m]	0.00 14.13 14.55 17.09 18.41 26.14 35.48 35.85 38.33 39.03 41.72 43.85 53.61 69.26 76.42
DISTANZE PARZIALI [m]	14.09 0.42 2.52 1.32 7.74 9.28 0.37 2.48 0.70 2.69 2.13 9.76 15.64 7.17
QUOTE [m s.l.m.m.]	32.57 32.49 32.49 29.53 29.53 29.35 29.41 29.41 27.10 28.00 28.40 30.78 34.70 35.23 35.26

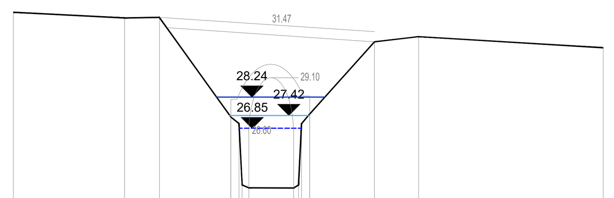
SEZIONE 224 ril.2021



20.00 — 200 / 500

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
DISTANZE PROGRESSIVE [m]	0.00 2.00 12.58 19.59 19.94 22.46 33.19 35.36 49.32 53.58 54.68 61.35 65.00 65.71 85.71
DISTANZE PARZIALI [m]	2.00 10.58 7.01 0.35 2.52 10.73 2.17 13.96 4.26 1.10 6.67 3.65 0.71 20.00
QUOTE [m s.l.m.m.]	33.47 33.47 31.35 31.54 31.54 29.67 26.60 26.36 27.83 28.08 28.68 30.26 33.42 33.50 33.60

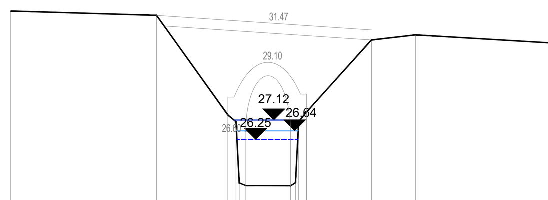
SEZIONE 34AB ril.2021



20.00 — 200 / 500

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14
DISTANZE PROGRESSIVE [m]	0.00 12.43 16.31 24.30 25.20 25.55 26.30 31.30 31.85 32.20 33.10 40.34 45.27 65.89
DISTANZE PARZIALI [m]	12.43 3.88 7.98 0.91 0.35 0.75 5.00 0.54 0.35 0.90 7.25 4.93 20.61
QUOTE [m s.l.m.m.]	32.03 31.77 31.80 27.35 27.06 24.32 24.19 24.19 24.32 27.06 27.49 30.71 30.94 30.45

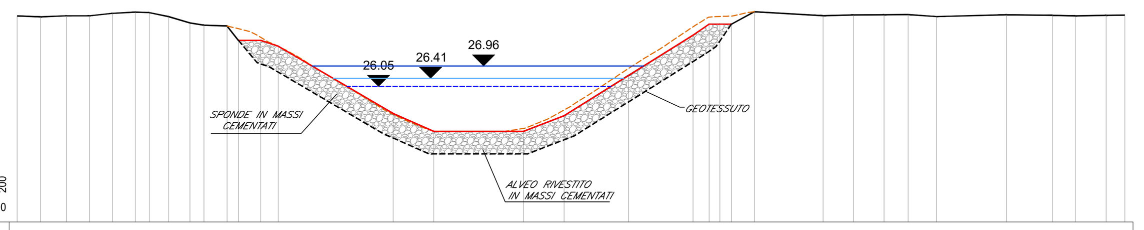
SEZIONE 35AB ril.2021



20.00 — 200 / 500

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13
DISTANZE PROGRESSIVE [m]	0.00 16.31 24.30 25.20 25.55 26.30 31.30 31.85 32.20 33.10 40.34 45.27 65.89
DISTANZE PARZIALI [m]	16.31 7.98 0.91 0.35 0.75 5.00 0.54 0.35 0.90 7.25 4.93 20.61
QUOTE [m s.l.m.m.]	32.00 31.81 27.35 27.06 24.32 24.19 24.19 24.32 27.06 27.49 30.71 30.94 30.44

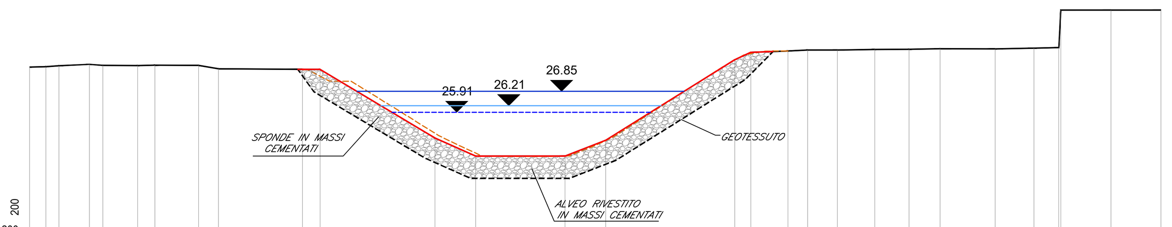
SEZIONE 7.66PL



20.00 — 200 / 200

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34
DISTANZE PROGRESSIVE [m]	0.00 1.04 2.20 3.23 4.26 5.28 5.90 6.78 7.72 8.36 9.38 9.89 10.89 11.67 16.81 18.63 22.63 24.45 27.34 30.22 30.94 31.42 31.94 32.96 36.04 37.40 38.76 39.84 41.11 44.24 46.29 47.32 48.70 49.53
DISTANZE PARZIALI [m]	1.04 1.17 1.03 1.03 1.03 0.62 0.88 0.95 0.63 1.03 0.51 1.00 0.78 5.14 1.82 4.00 1.82 2.89 2.89 0.72 0.48 0.51 1.02 3.08 1.36 1.37 1.07 1.27 3.13 2.05 1.02 1.38 0.84
QUOTE [m s.l.m.m.]	29.20 29.16 29.20 29.20 29.31 29.36 29.35 29.16 28.89 28.78 28.75 28.11 28.11 27.85 24.84 24.04 24.04 24.74 26.54 28.34 28.83 28.83 28.83 29.39 29.21 29.24 29.25 29.25 29.17 29.25 29.23 29.19 29.22 29.23

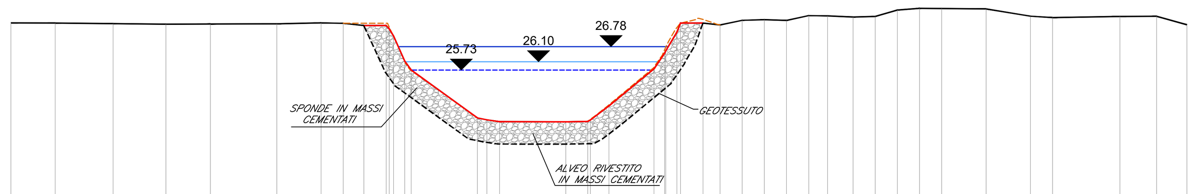
SEZIONE 7.16PL



20.00 — 200 / 200

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
DISTANZE PROGRESSIVE [m]	0.00 0.73 1.31 2.68 3.28 4.84 5.61 7.56 8.45 12.21 12.99 18.13 19.95 23.95 25.77 31.54 32.26 33.92 34.80 36.14 37.81 39.35 40.73 43.20 44.93 46.04 46.14 48.37 50.61
DISTANZE PARZIALI [m]	0.73 0.59 1.37 0.60 1.56 0.77 1.95 0.89 3.76 0.78 5.14 1.82 4.00 1.82 5.77 0.72 1.66 0.88 1.33 1.67 1.54 1.39 2.46 1.74 1.11 0.09 2.24 2.24
QUOTE [m s.l.m.m.]	27.94 27.95 28.00 28.06 28.01 28.00 28.02 28.01 27.86 27.84 27.84 24.76 23.96 23.96 24.66 28.26 28.60 28.66 28.70 28.70 28.72 28.73 28.75 28.75 28.79 28.81 30.49 30.49 30.49

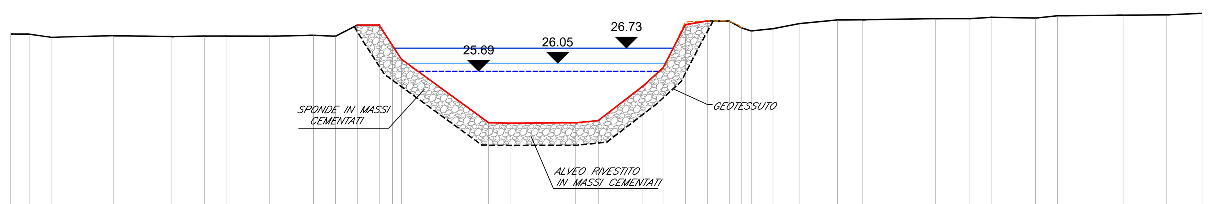
SEZIONE 228



18.00 — 200 / 200

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44
DISTANZE PROGRESSIVE [m]	0.00 1.98 4.57 6.94 8.92 11.90 13.88 14.87 16.75 16.79 16.93 17.12 17.62 17.91 20.88 21.30 21.86 24.82 25.81 25.93 26.76 28.77 29.25 29.30 29.80 29.96 30.96 31.73 32.72 33.71 34.70 35.69 36.54 37.68 38.67 39.66 40.65 41.64 43.63 45.61 46.60 49.62 51.26 52.61
DISTANZE PARZIALI [m]	1.98 2.59 2.37 1.98 2.97 1.98 0.99 0.92 1.00 0.14 0.20 0.50 0.29 2.96 0.42 0.56 2.96 0.99 0.11 0.83 2.02 0.47 0.05 0.50 0.17 1.00 0.77 0.99 0.99 0.99 0.99 0.85 1.14 0.99 0.99 0.99 0.99 1.98 1.98 0.99 3.02 1.64 1.36
QUOTE [m s.l.m.m.]	27.84 27.84 27.81 27.79 27.80 27.81 27.84 27.83 27.72 27.72 27.58 27.25 26.14 25.73 23.58 23.50 23.42 23.41 23.43 23.49 24.13 25.79 26.49 26.60 27.43 27.84 27.84 27.76 27.96 27.99 27.96 28.17 28.16 28.11 28.13 28.42 28.50 28.49 28.47 28.15 28.08 28.13 28.14 27.76

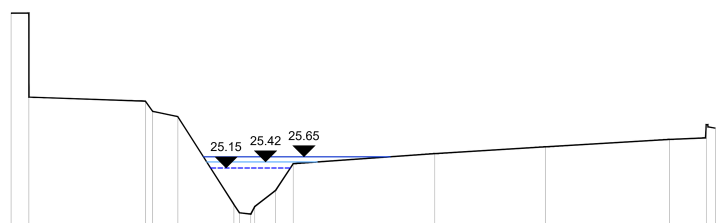
SEZIONE 229



15.00 — 200 / 200

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37
DISTANZE PROGRESSIVE [m]	0.00 0.82 1.80 4.58 7.20 8.65 9.62 11.58 13.54 14.52 15.49 16.47 17.06 17.46 21.36 22.36 25.26 26.26 28.26 29.16 30.16 31.14 32.13 32.68 33.11 34.08 35.28 36.96 38.07 41.34 42.89 43.87 45.82 46.80 49.74 51.69 53.26
DISTANZE PARZIALI [m]	0.82 0.98 2.78 2.62 1.45 0.98 1.96 1.96 0.98 0.98 0.98 0.59 0.40 3.90 1.00 2.90 1.00 2.00 0.90 1.00 0.98 0.98 0.56 0.42 0.98 1.20 1.68 1.11 3.27 1.55 0.98 1.96 0.98 2.93 1.96 1.57
QUOTE [m s.l.m.m.]	27.36 27.36 27.21 27.29 27.24 27.27 27.27 27.26 27.30 27.26 27.76 27.76 26.85 26.24 23.39 23.38 23.39 23.49 25.03 25.85 27.78 27.94 27.94 27.63 27.50 27.60 27.83 27.99 27.99 28.04 28.04 28.11 28.08 28.18 28.20 28.21 28.28

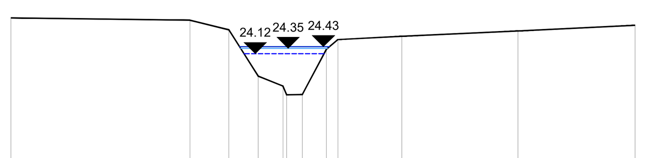
SEZIONE 230 ril.2021



20.00 — 200 / 500

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
DISTANZE PROGRESSIVE [m]	0.00 2.00 15.02 15.82 18.64 24.91 25.53 26.80 27.25 29.56 31.55 47.38 59.76 73.62 77.72 78.73
DISTANZE PARZIALI [m]	2.00 13.02 0.80 2.82 6.27 0.63 1.27 0.45 2.31 1.99 15.83 12.39 13.86 4.10 0.84
QUOTE [m s.l.m.m.]	32.07 32.07 28.14 27.69 27.45 23.52 23.15 23.09 23.43 24.14 25.34 25.79 26.10 26.43 27.09 26.93

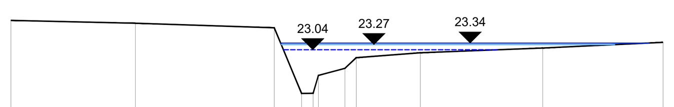
SEZIONE 231 ril.2021



15.00 — 200 / 500

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12
DISTANZE PROGRESSIVE [m]	0.00 20.00 24.36 27.64 30.40 30.81 32.55 35.26 36.53 43.68 56.65 69.74
DISTANZE PARZIALI [m]	20.00 4.36 3.28 2.76 0.41 1.75 2.71 1.27 7.15 12.97 13.09
QUOTE [m s.l.m.m.]	25.72 25.62 25.18 23.12 22.67 22.28 22.29 24.32 24.75 24.90 25.13 25.38

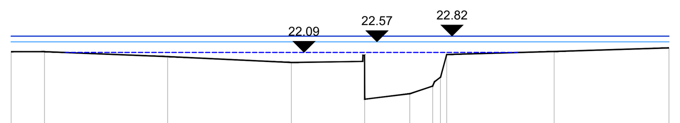
SEZIONE 232 ril.2021



15.00 — 200 / 500

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11
DISTANZE PROGRESSIVE [m]	0.00 13.92 29.43 32.47 33.77 34.36 37.32 38.58 45.76 59.42 72.85
DISTANZE PARZIALI [m]	13.92 15.51 3.04 1.30 0.59 2.96 1.26 7.17 13.67 13.43
QUOTE [m s.l.m.m.]	24.36 24.23 24.02 21.09 21.09 21.89 22.21 22.69 22.90 23.12 23.37

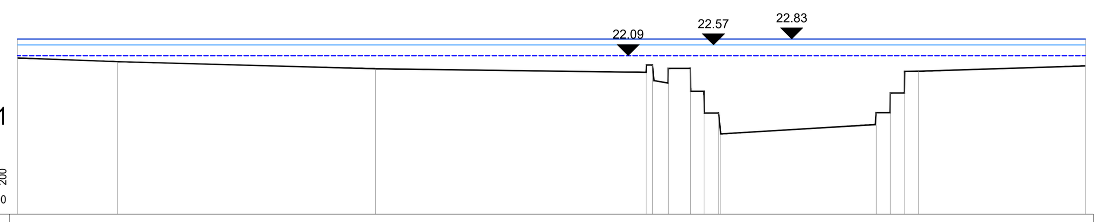
SEZIONE 233 ril.2021



15.00 — 200 / 500

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11
DISTANZE PROGRESSIVE [m]	0.00 3.71 17.48 31.30 39.48 44.53 47.08 47.96 48.65 60.64 73.47
DISTANZE PARZIALI [m]	3.71 13.76 13.83 8.17 5.05 2.55 0.87 0.70 12.00 12.82
QUOTE [m s.l.m.m.]	22.13 22.13 21.91 21.64 21.97 20.25 20.59 20.99 22.00 22.14 22.29

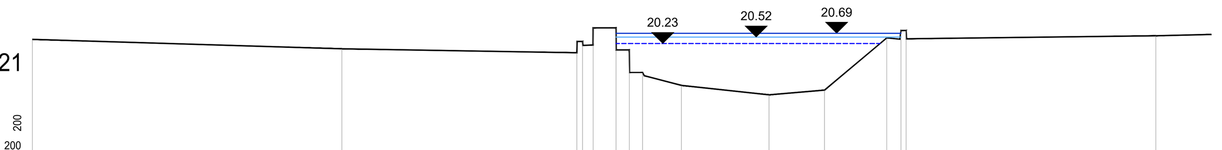
SEZIONE 249 ril.2021



15.00 — 200 / 200

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
DISTANZE PROGRESSIVE [m]	0.00 4.48 16.02 28.13 28.41 29.12 30.11 30.72 31.37 31.46 38.42 39.05 39.69 40.31 47.77
DISTANZE PARZIALI [m]	4.48 11.54 12.11 0.28 0.71 0.99 0.61 0.65 0.10 6.96 0.63 0.64 0.62 7.46
QUOTE [m s.l.m.m.]	21.99 21.82 21.51 21.34 21.67 21.52 21.52 20.50 19.52 18.59 19.54 20.42 21.39 21.39 21.63

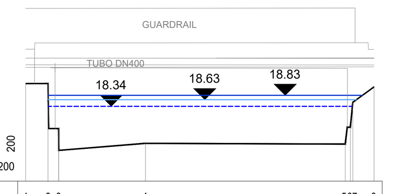
SEZIONE 250 ril.2021



15.00 — 200 / 200

PICCHETTO	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
DISTANZE PROGRESSIVE [m]	0.00 13.84 24.35 24.60 25.08 26.10 26.70 27.29 29.03 32.94 35.43 38.21 38.85 39.08 50.24 52.73
DISTANZE PARZIALI [m]	13.84 10.51 0.25 0.47 1.02 0.60 0.59 1.74 3.92 2.49 2.79 0.63 0.23 11.15 2.48
QUOTE [m s.l.m.m.]	20.42 20.00 19.82 20.33 20.94 20.94 19.95 18.93 18.35 17.93 18.14 20.49 20.82 20.82 20.58 20.64

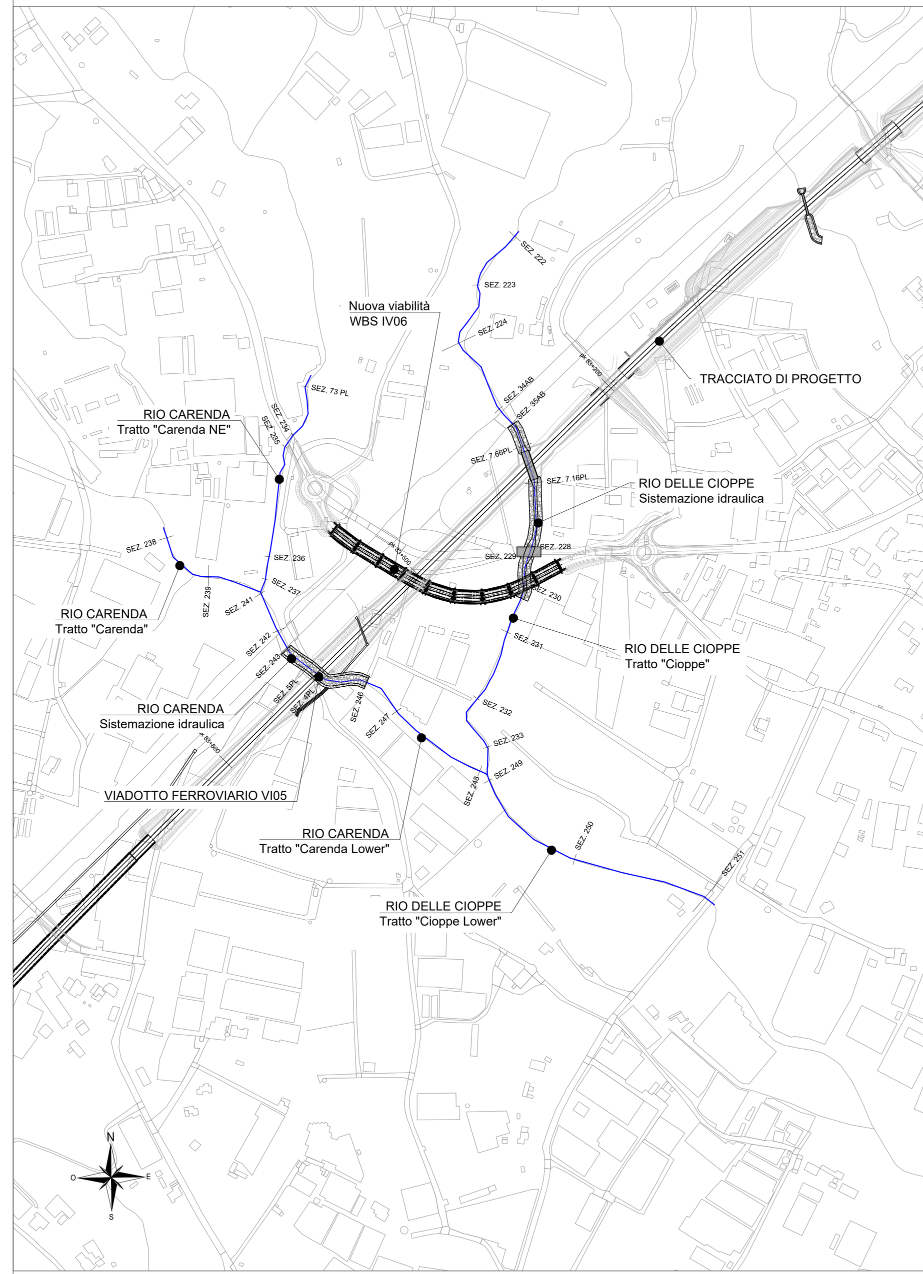
SEZIONE 251



15.00 — 200 / 200

PICCHETTO	1 2 3 4 5 6 7 8
DISTANZE PROGRESSIVE [m]	0.00 1.00 1.47 1.48 5.36 14.29 14.63 15.58
DISTANZE PARZIALI [m]	1.00 0.47 0.01 3.88 8.93 0.11 0.23 0.95
QUOTE PROGETTO [m s.l.m.m.]	19.35 19.35 17.34 16.37 16.68 16.68 17.41 18.52 19.20

KEY PLAN Scala - 1:20.000



LEGENDA

x.xx	LIVELLO TR500
x.xx	LIVELLO TR200
x.xx	LIVELLO TR50
	TERRENO ESISTENTE
	SEZIONE
SEZIONE X	n° SEZIONE

COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

PROGETTAZIONE:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

U.O. PROGETTAZIONE INTEGRATA NORD

PROGETTO DEFINITIVO

RADDOPPIO DELLA LINEA GENOVA - VENTIMIGLIA

TRATTA FINALE LIGURE - ANDORA

ELABORATI DI IDROLOGIA E IDRAULICA

Rio delle Cioppe e Rio Carenda - pk 83+323 e 83+665
Sezioni significative con livelli idrici (Modello 2D) - Tr 50, 200, 500 anni - post operam Tav.1/2

SCALA: varie

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
IV0I	00	D	26	WZ	ID0402	003	A

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato Data
A	Emissione esecutiva	D. Polverelli	Gen 2022	L. Barni	Gen 2022	G. Fadda	Gen 2022	A. Perego Gennaio 2022

File: IV0I00D26WZID0402003A.dwg | n. Elab.: X