Consorzio di Bonifica
PIANURA di FERRARA

CONSORZIO DI BONIFICA PIANURA DI FERRARA

Sede legale e recapito postale:
44121 Ferrara - Via Borgo dei Leoni, 28 - C.F. 93076450381
web: www.bonificaferrara.it - e-mail: info@bonificaferrara.it - pec: posta.certificata@pec.bonificaferrara.it
aderente all'ANBI Associazione Nazionale Bonifiche, Irrigazioni e Miglioramenti Fondiari

SISTEMA IRRIGUO VALLE PEGA

PROGETTO DEFINITIVO ED ESECUTIVO

Provincia di Ferrara
Comuni di Comacchio e Ostellato

Recupero, adeguamento e miglioramento funzionale del sistema irriguo di Valle Pega

ELABORATI GRAFICI ADDUTTORI

Elaborato:
ADDUTTORE PEGA EST

Sezioni trasversali dalla 12 alla 23

Codifica:
8.1.3

Progetto generale e integrazione delle prestazioni specialistiche:
Dott. Ing. Marco Volpin
VOLPIN MARCO N.762

Progetto rete di distribuzione:
COGEST engineering
Dott. Ing. Emiliano Corsi

Progetto adduttori:
Dott. Ing. Laura Montanari
LAURA MONTANARI N° 7792 / A

Progetto opere elettromeccaniche:
ELTEC S.r.l.
Società di ingegneria
Per. Ind. Deris Ortali

Progetto impianti elettrici:
A A ENGINEERING di Angelini Andrea
Per. Ind. Andrea Angelini

Collaboratori:
Dott. Ing. Laura Montanari
Per. Ind. Lorenzo Fantini

Data:
28.06.2021

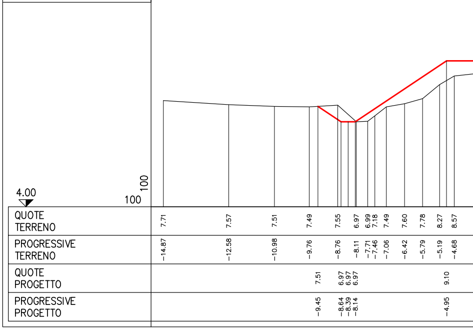
Il Responsabile del Procedimento
Geom. Marco Ardizzoni

Indagini geologiche:
Dott. Geol. Antonio Mucchi

Coordinamento sicurezza:
Ingegnere Livia Burini
Dott. Ing. Livia Burini

Rev.	Descrizione	Redatto	Verificato	Approvato	Data
A	Emissione	Mazzanti C.	Montanari L.	Volpin M.	Aprile 2021
B					
C					

PROFILO AD. PEGA EST
SEZIONE 12
PROGRESSIVA 3179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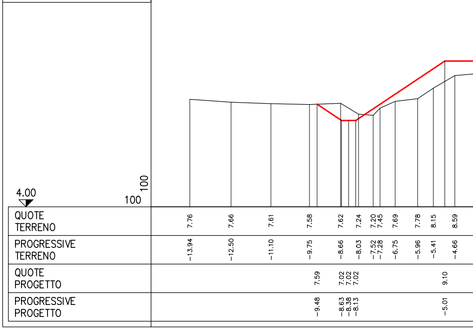
QUOTE TERRENO
7.71
7.57
7.51
7.49
7.55
6.97
6.99
7.18
7.49
7.60
7.78
8.27
8.57
PROGRESSIVE TERRENO
−14.87
−12.58
−10.98
−9.76
−8.76
−8.11
−7.71
−7.46
−7.06
−6.42
−5.79
−5.19
−4.68
QUOTE PROGETTO
7.51
6.97
6.97
6.97
9.10
PROGRESSIVE PROGETTO
−9.45
−8.64
−8.39
−8.14
−4.95

PROFILO AD. PEGA EST
SEZIONE 13
PROGRESSIVA 3432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QUOTE TERRENO
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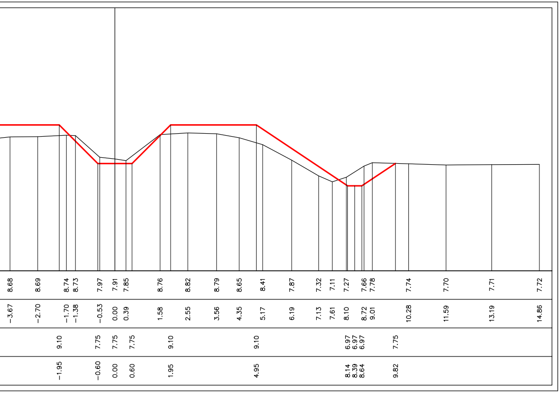
7.61
7.58
7.62
7.24
7.20
7.45
7.69
7.78
8.15
8.59
PROGRESSIVE TERRENO
−13.94
−12.50
−11.10
−9.75
−8.66
−8.03
−7.52
−7.28
−6.75
−5.96
−5.41
−4.66
QUOTE PROGETTO
7.59
7.02
7.02
7.02
9.10
PROGRESSIVE PROGETTO
−9.48
−8.63
−8.38
−8.13
−5.01


8.68 8.69 8.74 8.73 7.97 7.91 7.85 8.76 8.82 8.79 8.65 8.41 7.87 7.32 7.11 7.27 7.66 7.78 7.74 7.70 7.71 7.72
-3.67 -2.70 -1.70 -1.38 -0.53 0.00 0.39 1.58 2.55 3.56 4.35 5.17 6.19 7.13 7.61 8.10 8.72 9.01 10.28 11.59 13.19 14.86
9.10 7.75 7.75 7.75 9.10 9.10 6.97 6.97 6.97 7.75
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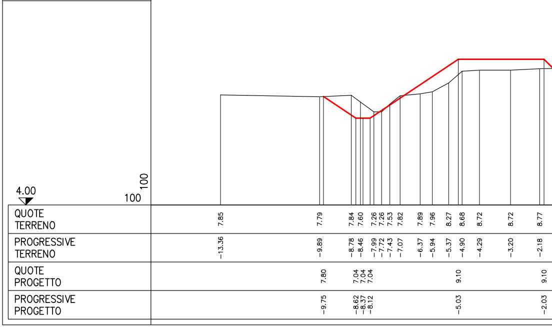
PROFILO AD. PEGA EST
SEZIONE 14
PROGRESSIVA 3519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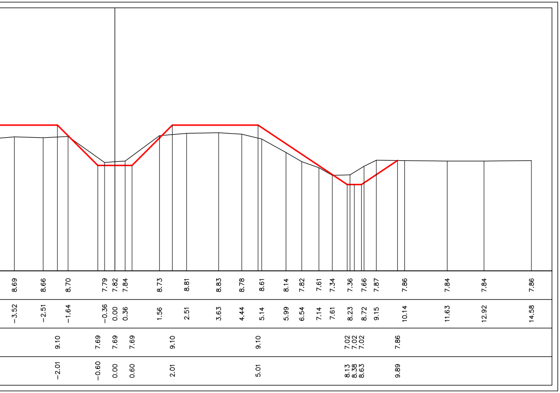
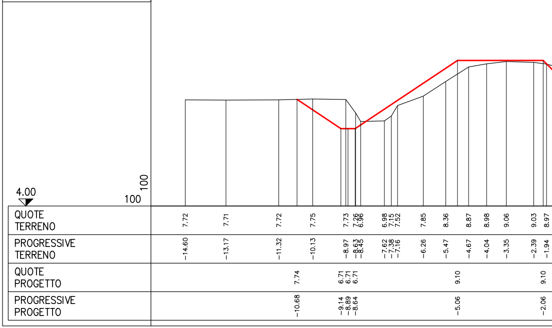
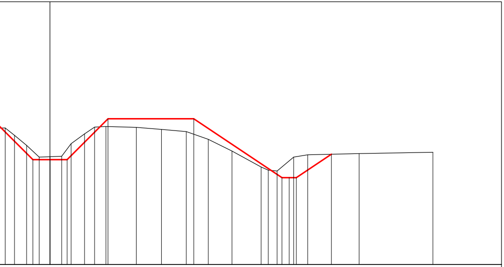
QUOTE TERRENO
7.85 7.79 7.84 7.60 7.26 7.26 7.53 7.82 7.89 7.96 8.27 8.68 8.72 8.72 8.77
PROGRESSIVE TERRENO
-13.36 -9.89 -8.78 -8.46 -7.99 -7.72 -7.43 -7.07 -6.37 -5.94 -5.37 -4.90 -4.29 -3.20 -2.18
QUOTE PROGETTO
7.80 7.04 7.04 7.04 9.10 9.10
PROGRESSIVE PROGETTO
-9.75 -8.62 -8.37 -8.12 -5.03 -2.03


8.69 8.66 8.70 7.79 7.82 7.84 8.73 8.81 8.83 8.78 8.61 8.14 7.82 7.61 7.34 7.36 7.66 7.87 7.86 7.84 7.84 7.86
-3.52 -2.51 -1.64 -0.36 0.00 0.36 1.56 2.51 3.63 4.44 5.14 5.99 6.54 7.14 7.61 8.23 8.72 9.15 10.14 11.63 12.92 14.58
9.10 7.69 7.69 7.69 9.10 9.10 7.02 7.02 7.02 7.86
-2.01 -0.60 0.00 0.60 2.01 5.01 8.13 8.38 8.63 9.89

PROFILO AD. PEGA EST
SEZIONE 15
PROGRESSIVA 3681

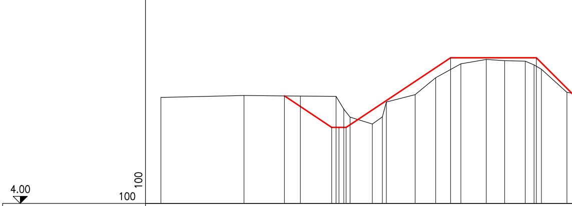

4.00
100
100
QUOTE TERRENO
7.72 7.71 7.72 7.75 7.73 7.26 6.96 6.98 7.15 7.52 7.85 8.36 8.87 8.98 9.06 9.03 8.97
PROGRESSIVE TERRENO
-14.60 -13.17 -11.32 -10.13 -8.97 -8.63 -8.45 -7.62 -7.38 -7.16 -6.26 -5.47 -4.67 -4.04 -3.35 -2.39 -1.94
QUOTE PROGETTO
7.74 6.71 6.71 6.71 9.10 9.10
PROGRESSIVE PROGETTO
-10.68 -9.14 -8.89 -8.64 -5.06 -2.06



8.78	8.52	8.17	7.76	7.77	7.79	8.23	8.57	8.81	8.83	8.80	8.73	8.65	8.38	7.97	7.41	7.30	7.27	7.76	7.84	7.88	7.93
−1.57	−1.24	−0.82	−0.38	0.00	0.41	0.74	1.21	1.56	1.96	3.02	3.90	4.77	5.54	6.37	7.39	7.64	7.95	8.53	9.02	10.82	13.40

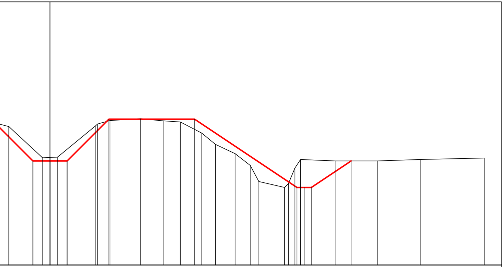
7.67	7.67	7.67	9.10	9.10	7.04	7.04	7.04	7.86
−0.60	0.00	0.60	2.03	5.03	8.12	8.37	8.62	9.85

PROFILO AD. PEGA EST
SEZIONE 16
PROGRESSIVA 3921



QUOTE TERRENO	7.71	7.78	7.76	7.75	7.30	7.02	6.78	7.03	7.55	7.81	8.40	8.89	9.04	9.00	8.98	8.85	8.70	7.89
PROGRESSIVE TERRENO	−15.26	−12.35	−10.38	−9.13	−8.86	−8.64	−7.86	−7.51	−7.37	−6.36	−5.64	−4.76	−3.87	−3.23	−2.51	−2.20	−1.94	−1.05

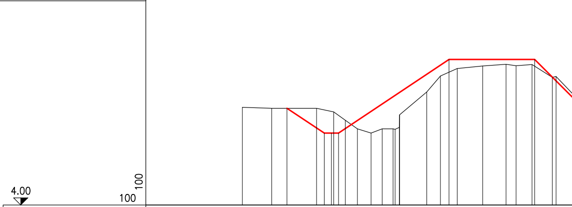
QUOTE PROGETTO	7.77	6.66	6.66	6.66	9.10	9.10
PROGRESSIVE PROGETTO	−10.94	−9.28	−9.03	−8.78	−5.12	−2.12



8.84	7.75	7.76	7.77	8.87	8.93	9.05	9.11	9.04	9.00	8.61	8.22	7.89	7.48	6.92	6.71	6.86	7.39	7.69	7.64	7.64	7.69	7.74
−1.44	−0.26	0.00	0.26	1.60	1.66	2.10	3.17	3.98	4.56	5.31	5.79	6.48	7.01	7.31	8.21	8.35	8.57	8.77	9.98	11.46	12.96	15.20

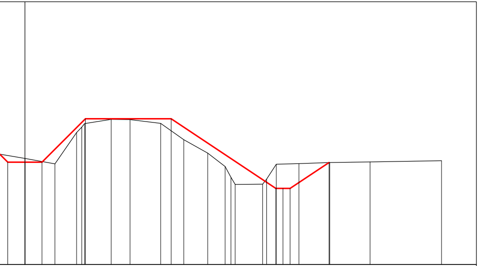
7.64	7.64	7.64	9.10	9.10	6.71	6.71	6.71	7.64
−0.60	0.00	0.60	2.06	5.06	8.64	8.89	9.14	10.54

PROFILO AD. PEGA EST
SEZIONE 17
PROGRESSIVA 4188



QUOTE TERRENO	7.42	7.39	7.39	7.26	6.97	6.67	6.52	6.67	6.67	6.65	6.72	7.16	7.96	8.52	8.78	8.87	8.93	8.88	8.92	8.47	8.50
PROGRESSIVE TERRENO	−12.42	−11.39	−9.82	−9.22	−8.81	−8.39	−7.91	−7.52	−7.14	−7.07	−6.92	−6.91	−5.96	−5.48	−4.89	−4.00	−3.18	−2.83	−2.27	−1.56	−1.43

QUOTE PROGETTO	7.39	6.52	6.52	6.52	9.10	9.10
PROGRESSIVE PROGETTO	−10.85	−9.55	−9.30	−9.05	−5.18	−2.18

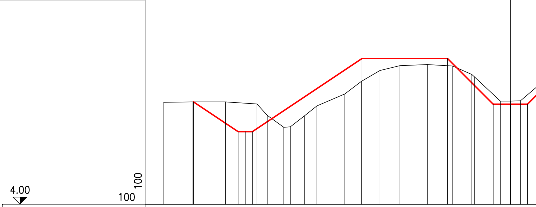


	7.71 7.52 8.62 8.81 8.93 9.08 9.07 8.94 8.37 7.90 7.43 7.05 6.80 6.81 6.99 7.51 7.53 7.57 7.59 7.63
	0.00 1.05 1.81 1.99 2.09 3.02 3.68 4.75 5.56 6.40 7.01 7.21 7.36 8.32 8.46 8.80 9.59 10.67 12.08 14.58
	7.58 7.58 7.58 9.10 9.10 6.66 6.66 6.66 7.57
	−0.60 0.00 0.60 2.12 5.12 8.78 9.03 9.28 10.64

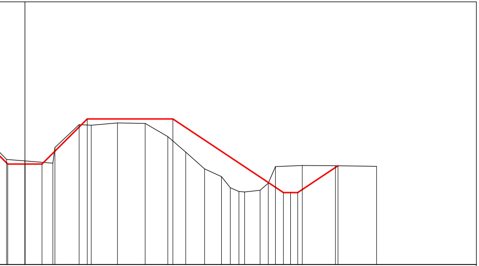
PROFILO AD. PEGA EST

SEZIONE 18

PROGRESSIVA 4279



QUOTE TERRENO	7.57 7.58 7.58 7.51 7.11 6.69 6.71 7.09 7.44 7.86 8.30 8.68 8.85 8.89 8.84 8.54 8.46 7.61 7.61 7.62
PROGRESSIVE TERRENO	−12.14 −11.12 −9.98 −8.88 −8.52 −7.94 −7.71 −7.22 −6.78 −5.80 −5.22 −4.57 −3.87 −2.91 −2.02 −1.35 −1.26 −0.35 0.00 0.35
QUOTE PROGETTO	7.58 6.54 6.54 6.54 9.10 9.10 7.50 7.50 7.50
PROGRESSIVE PROGETTO	−11.10 −9.54 −9.29 −9.04 −5.20 −2.20 −0.60 0.00 0.60

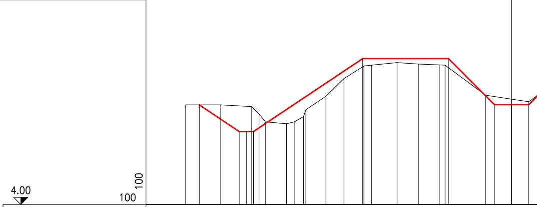


	7.68 7.63 7.55 8.10 8.90 8.88 8.96 8.94 8.48 7.94 7.35 7.08 6.69 6.56 6.54 6.60 6.85 7.43 7.47 7.46 7.44
	−0.64 0.00 0.98 1.05 1.90 2.32 3.24 4.21 5.00 5.63 6.29 6.88 7.19 7.49 7.69 8.23 8.52 8.77 9.71 10.87 12.31
	7.52 7.52 7.52 9.10 9.10 6.52 6.52 6.52 7.46
	−0.60 0.00 0.60 2.18 5.18 9.05 9.30 9.55 10.96

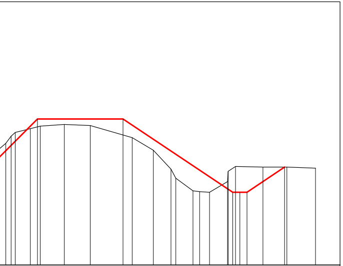
PROFILO AD. PEGA EST

SEZIONE 19

PROGRESSIVA 4346



QUOTE TERRENO	7.48 7.48 7.42 7.17 6.89 6.82 6.89 7.07 7.31 7.78 8.40 8.84 8.87 8.96 8.91 8.88 8.87 7.82 7.68 7.59
PROGRESSIVE TERRENO	−11.41 −10.18 −9.10 −8.84 −8.62 −7.88 −7.61 −7.28 −7.20 −6.50 −5.87 −5.17 −4.90 −4.01 −3.26 −2.53 −2.33 −0.91 0.00 0.60
QUOTE PROGETTO	7.48 6.55 6.55 6.55 9.10 9.10 7.49 7.49 7.49
PROGRESSIVE PROGETTO	−10.93 −9.53 −9.28 −9.03 −5.21 −2.21 −0.60 0.00 0.60

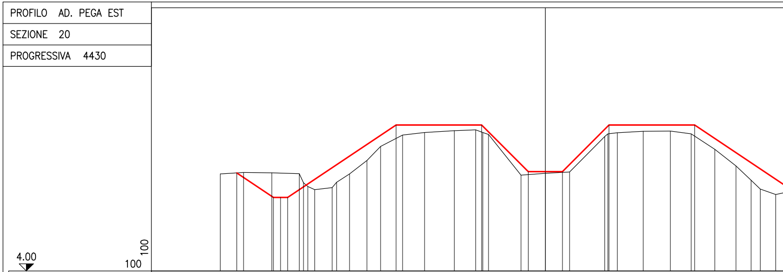


	8.25 8.50 8.63 8.76 8.85 8.91 8.87 8.45 8.01 7.35 7.03 6.59 6.56 6.54 6.91 7.27 7.44 7.42 7.42 7.38
	1.09 1.28 1.42 1.95 2.30 3.14 4.05 5.52 6.26 6.88 7.05 7.65 7.88 8.23 8.86 8.88 9.14 10.10 10.94 11.94
	9.10 9.10 6.54 6.54 6.54 7.42
	2.20 5.20 9.04 9.29 9.54 10.86

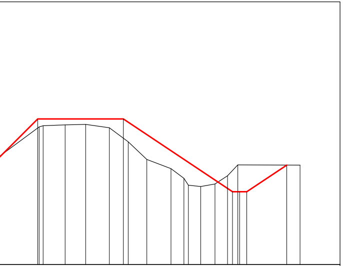
PROFILO AD. PEGA EST

SEZIONE 20

PROGRESSIVA 4430



QUOTE TERRENO	7.39 7.44 7.43 7.40 7.08 6.95 6.84 6.91 7.10 7.39 7.86 8.35 8.75 8.84 8.90 8.93 8.84 8.77 7.35 7.41 7.46 8.70 8.79 8.83 8.88 8.89 8.79 8.25 7.67 7.17 6.86 6.67
PROGRESSIVE TERRENO	−11.39 −10.57 −9.58 −8.62 −8.47 −8.32 −8.08 −7.47 −7.31 −6.86 −6.25 −5.77 −5.00 −4.23 −3.19 −2.44 −2.19 −1.99 −0.85 0.00 0.85 2.08 2.19 2.52 3.43 4.38 5.11 5.94 6.68 7.21 7.53 8.07
QUOTE PROGETTO	7.43 6.57 6.57 6.57 9.10 9.10 7.47 7.47 7.47 9.10 9.10
PROGRESSIVE PROGETTO	−10.81 −9.53 −9.28 −9.03 −5.23 −2.23 −0.60 0.00 0.60 2.23 5.23

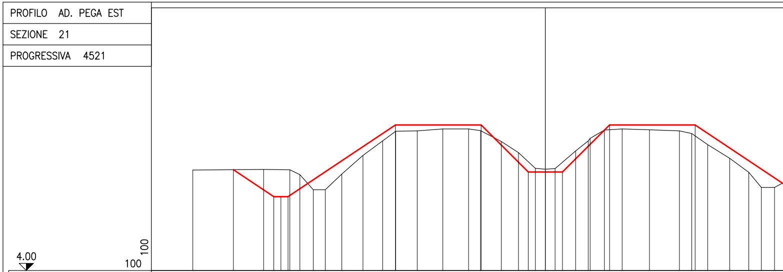


	8.82 8.86 8.89 8.91 8.79 8.30 7.68 7.36 7.02 6.78 6.73 6.82 7.11 7.49 7.48
	2.26 2.40 3.17 3.89 4.72 5.38 6.03 6.88 7.33 7.49 7.92 8.42 8.86 9.22 11.40
	9.10 9.10 6.55 6.55 6.55 7.48
	2.21 5.21 9.03 9.28 9.53 10.93

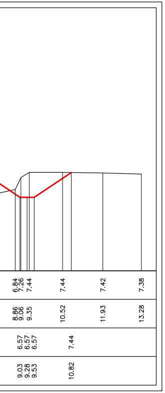
PROFILO AD. PEGA EST

SEZIONE 21

PROGRESSIVA 4521



QUOTE TERRENO	7.52 7.54 7.53 7.36 6.83 6.83 7.38 8.03 8.54 8.88 8.89 8.96 8.96 8.90 8.52 8.13 7.58 7.55 7.57 8.19 8.54 8.63 8.92 8.96 8.93 8.89 8.80 8.41 7.93 7.44 6.91 6.91
PROGRESSIVE TERRENO	−12.35 −9.87 −8.95 −8.60 −8.13 −7.71 −7.13 −6.39 −5.70 −5.24 −4.49 −3.59 −2.69 −2.27 −1.54 −0.94 −0.35 0.00 0.34 1.06 1.50 1.57 2.07 2.69 3.65 4.70 5.13 5.69 6.46 7.13 7.57 8.03
QUOTE PROGETTO	7.53 6.59 6.59 6.59 9.10 9.10 7.45 7.45 7.45 9.10 9.10
PROGRESSIVE PROGETTO	−10.93 −9.51 −9.26 −9.01 −5.25 −2.25 −0.60 0.00 0.60 2.25 5.25

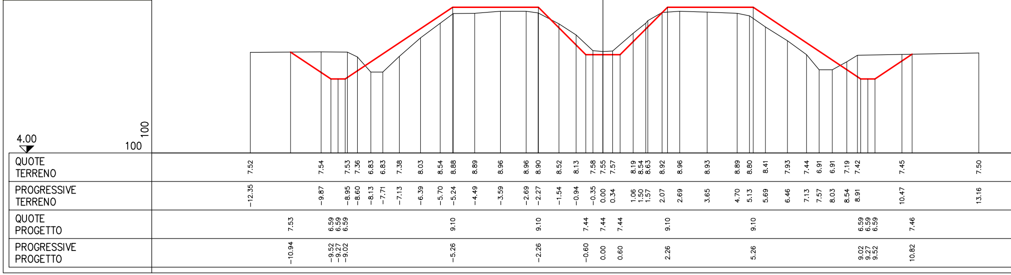

6.84 7.26 7.44 7.44 7.42 7.38
8.86 9.06 9.35 10.52 11.93 13.28
6.57 6.57 6.57 7.44
9.03 9.28 9.53 10.82

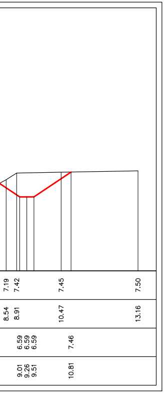
PROFILO AD. PEGA EST

SEZIONE 21F

PROGRESSIVA 4555.25

SEZIONE FITTIZIA A MONTE DEL PONTE 8
TERMINE 2° TRONCO


4.00
100
100
QUOTE TERRENO 7.52 7.54 7.53 7.36 6.83 6.83 7.38 8.03 8.54 8.88 8.89 8.96 8.96 8.90 8.52 8.13 7.58 7.55 7.57 8.19 8.54 8.63 8.92 8.96 8.93 8.89 8.80 8.41 7.93 7.44 6.91 6.91 7.19 7.42 7.45 7.50
PROGRESSIVE TERRENO −12.35 −9.87 −8.95 −8.60 −8.13 −7.71 −7.13 −6.39 −5.70 −5.24 −4.49 −3.59 −2.69 −2.27 −1.54 −0.94 −0.35 0.00 0.34 1.06 1.50 1.57 2.07 2.69 3.65 4.70 5.13 5.69 6.46 7.13 7.57 8.03 8.54 8.91 10.47 13.16
QUOTE PROGETTO 7.53 6.59 6.59 6.59 9.10 9.10 7.44 7.44 7.44 9.10 9.10 6.59 6.59 6.59 7.46
PROGRESSIVE PROGETTO −10.94 −9.52 −9.27 −9.02 −5.26 −2.26 −0.60 0.00 0.60 2.26 5.26 9.02 9.27 9.52 10.82

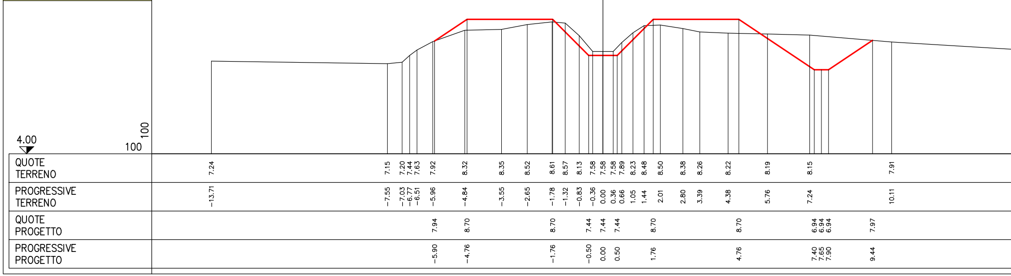

7.19 7.42 7.45 7.50
8.54 8.91 10.47 13.16
6.59 6.59 6.59 7.46
9.01 9.26 9.51 10.81

PROFILO AD. PEGA EST

SEZIONE 22F

PROGRESSIVA 4566.75

SEZIONE FITTIZIA A VALLE DEL PONTE 8
ORIGINE 3° TRONCO


4.00
100
100
QUOTE TERRENO 7.24 7.15 7.20 7.44 7.63 7.92 8.32 8.35 8.52 8.61 8.57 8.13 7.58 7.58 7.58 7.89 8.23 8.48 8.50 8.38 8.26 8.22 8.19 8.15 7.91
PROGRESSIVE TERRENO −13.71 −7.55 −7.03 −6.77 −6.51 −5.96 −4.84 −3.55 −2.65 −1.78 −1.32 −0.83 −0.36 0.00 0.36 0.66 1.05 1.44 2.01 2.80 3.39 4.38 5.76 7.24 10.11
QUOTE PROGETTO 7.94 8.70 8.70 7.44 7.44 7.44 8.70 8.70 6.94 6.94 6.94 7.97
PROGRESSIVE PROGETTO −5.90 −4.76 −1.76 −0.50 0.00 0.50 1.76 4.76 7.40 7.65 7.90 9.44

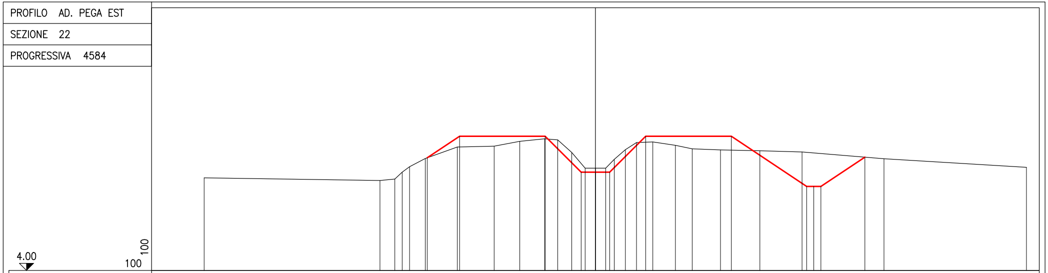
7.61

15.10

PROFILO AD. PEGA EST

SEZIONE 22

PROGRESSIVA 4584

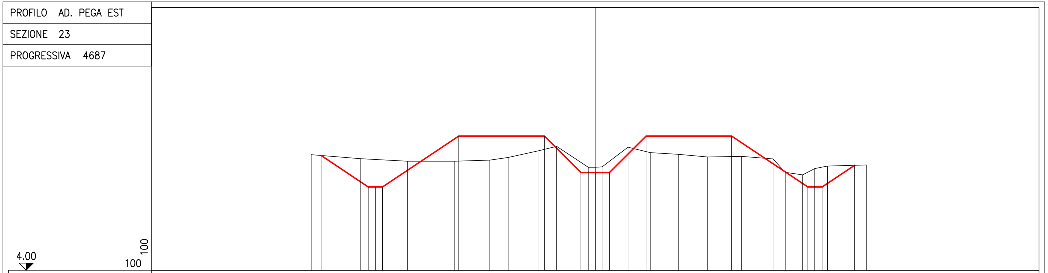


QUOTE TERRENO	7.24 7.15 7.20 7.44 7.63 7.92 8.32 8.35 8.52 8.61 8.57 8.13 7.58 7.58 7.58 7.89 8.23 8.48 8.50 8.38 8.26 8.22 8.19 8.15 7.91 7.61
PROGRESSIVE TERRENO	−13.71 −7.55 −7.03 −6.77 −6.51 −5.96 −4.84 −3.55 −2.65 −1.78 −1.32 −0.83 −0.36 0.00 0.36 0.66 1.05 1.44 2.01 2.80 3.39 4.38 5.76 7.24 10.11 15.10
QUOTE PROGETTO	7.94 8.70 8.70 7.44 7.44 7.44 8.70 8.70 6.94 6.94 6.94 7.97
PROGRESSIVE PROGETTO	−5.90 −4.76 −1.76 −0.50 0.00 0.50 1.76 4.76 7.40 7.65 7.90 9.44

PROFILO AD. PEGA EST

SEZIONE 23

PROGRESSIVA 4687



QUOTE TERRENO	8.05 7.91 7.82 7.82 7.86 7.95 8.19 8.34 7.61 7.61 7.62 8.31 8.12 8.06 7.97 7.99 7.90 7.43 7.34 7.56 7.65 7.69
PROGRESSIVE TERRENO	−9.95 −8.23 −6.58 −4.92 −3.69 −3.05 −1.97 −1.35 −0.24 0.00 0.24 1.15 1.93 2.91 3.94 5.13 6.23 6.66 7.27 7.69 8.14 9.50
QUOTE PROGETTO	8.02 6.92 6.92 6.92 8.70 8.70 7.42 7.42 7.42 8.70 8.70 6.92 6.92 6.92 7.68
PROGRESSIVE PROGETTO	−9.60 −7.95 −7.70 −7.45 −4.78 −1.78 −0.50 0.00 0.50 1.78 4.78 7.45 7.70 7.95 9.09