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 OVEST

Sezioni trasversali dalla 13F alla 25F

Codifica:
8.2.3

Progetto generale e integrazione delle prestazioni specialistiche:
Dott. Ing. Marco Volpin

Dott. Ing. VOLPIN MARCO ALBO N.762

Progetto adduttori:
Dott. Ing. Laura Montanari

INGEGNERE LAURA MONTANARI N° 7792 / A

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

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

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

Data: 28.06.2021

Il Responsabile del Procedimento
Geom. Marco Ardizzoni

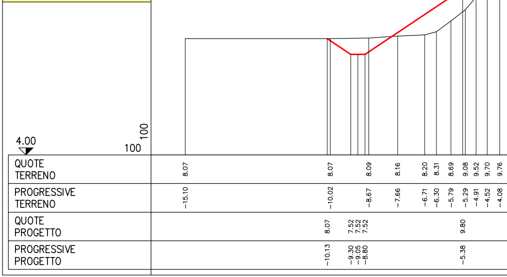
Indagini geologiche:
Dott. Geol. Antonio Mucchi

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					

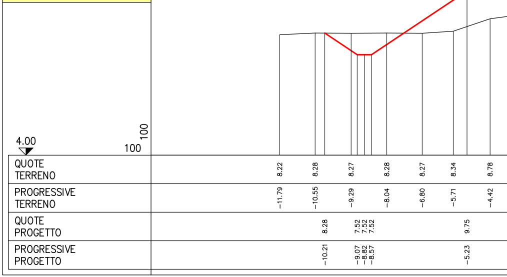
PROFILO AD. PEGA OVEST
SEZIONE 13F
PROGRESSIVA 2670.25

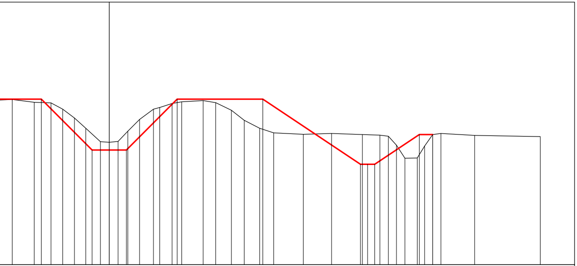
SEZIONE FITTIZIA A MONTE DEL PONTE 10
TERMINE 2° TRONCO


4.00
100
100
QUOTE TERRENO
8.07
8.07
8.09
8.16
8.20
8.31
8.69
9.08
9.52
9.70
9.76
PROGRESSIVE TERRENO
−15.10
−10.02
−8.67
−7.66
−6.71
−6.30
−5.79
−5.29
−4.91
−4.52
−4.08
QUOTE PROGETTO
8.07
7.52
7.52
7.52
9.80
PROGRESSIVE PROGETTO
−10.13
−9.30
−9.05
−8.80
−5.38

PROFILO AD. PEGA OVEST
SEZIONE 14F
PROGRESSIVA 2681.75

SEZIONE FITTIZIA A VALLE DEL PONTE 10
ORIGINE 3° TRONCO


4.00
100
100
QUOTE TERRENO
8.22
8.28
8.27
8.28
8.27
8.34
8.78
PROGRESSIVE TERRENO
−11.79
−10.55
−9.29
−8.04
−6.80
−5.71
−4.42
QUOTE PROGETTO
8.28
7.52
7.52
7.52
9.75
PROGRESSIVE PROGETTO
−10.21
−9.07
−8.82
−8.57
−5.23



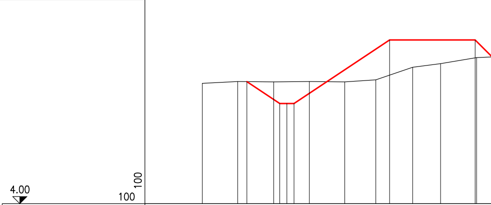
9.79 9.69 9.67 9.45 9.14 8.78 8.31 8.29 8.32 8.68 9.09 9.45 9.51 9.65 9.71 9.75 9.68 9.41 9.06 8.78 8.62 8.57 8.60 8.56 8.54 8.50 8.19 7.73 7.74 8.16 8.56 8.60 8.53 8.49

−3.40 −2.63 −2.04 −1.63 −1.22 −0.82 −0.31 0.00 0.31 0.65 1.06 1.55 1.77 2.20 2.54 3.29 3.73 4.28 4.73 5.27 5.76 6.80 7.79 8.87 9.48 9.78 10.06 10.36 10.79 11.05 11.33 11.62 12.80 15.10

9.80 8.02 8.02 8.02 9.80 9.80 7.52 7.52 7.52 8.56 8.56

−2.38 −0.60 0.00 0.60 2.38 5.38 8.80 9.05 9.30 10.86 11.33

PROFILO AD. PEGA OVEST
SEZIONE 14
PROGRESSIVA 2727

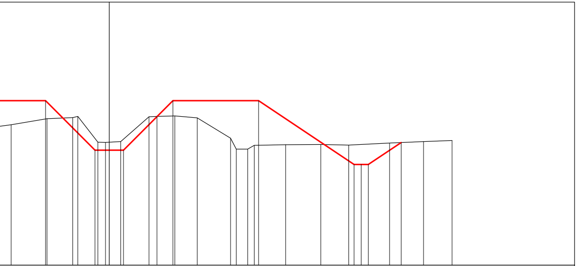


QUOTE TERRENO 8.22 8.28 8.27 8.28 8.27 8.34 8.78 8.91 9.12

PROGRESSIVE TERRENO −11.79 −10.55 −9.29 −8.04 −6.80 −5.71 −4.42 −3.44 −2.18

QUOTE PROGETTO 8.28 7.51 7.51 7.51 9.74 9.74

PROGRESSIVE PROGETTO −10.23 −9.07 −8.82 −8.57 −5.23 −2.23



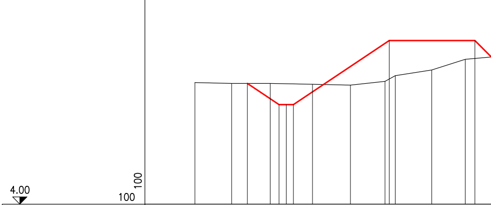
8.91 9.12 9.16 9.20 8.30 8.29 8.30 8.32 9.19 9.20 9.22 9.15 8.44 8.06 8.06 8.19 8.21 8.22 8.20 8.27 8.32 8.36

−3.44 −2.18 −1.28 −1.10 −0.40 −0.13 0.00 0.40 1.39 1.67 2.30 3.08 4.25 4.45 4.85 5.08 6.18 7.41 8.39 9.82 11.01 12.01

9.75 8.02 8.02 8.02 9.75 9.75 7.52 7.52 7.52 8.29

−2.23 −0.50 0.00 0.50 2.23 5.23 8.57 8.82 9.07 10.23

PROFILO AD. PEGA OVEST
SEZIONE 15
PROGRESSIVA 2857

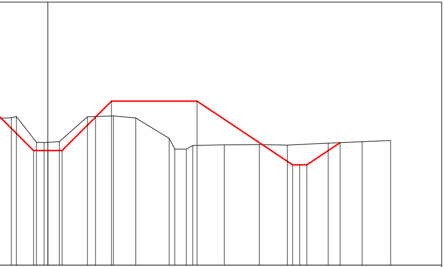


QUOTE TERRENO 8.25 8.22 8.22 8.19 8.16 8.29 8.49 8.69 9.06

PROGRESSIVE TERRENO −12.05 −10.76 −9.41 −7.93 −6.60 −5.39 −5.03 −3.75 −2.58

QUOTE PROGETTO 8.22 7.48 7.48 7.48 9.72 9.72

PROGRESSIVE PROGETTO −10.21 −9.10 −8.85 −8.60 −5.24 −2.24

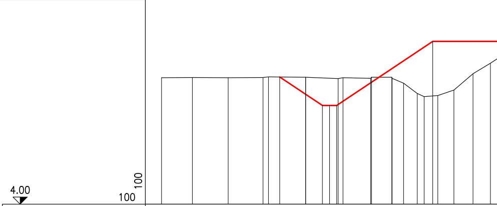


QUOTE TERRENO	9.16 9.20 8.30 8.29 8.30 8.32 9.19 9.20 9.22 9.15 8.44 8.06 8.06 8.19 8.21 8.22 8.20 8.27 8.32 8.36
PROGRESSIVE TERRENO	−1.28 −1.10 −0.40 −0.13 0.00 0.40 1.39 1.67 2.30 3.08 4.25 4.45 4.85 5.08 6.18 7.41 8.39 9.82 11.01 12.01
QUOTE PROGETTO	8.01 8.01 8.01 9.74 9.74 7.51 7.51 7.51 8.29
PROGRESSIVE PROGETTO	−0.50 0.00 0.50 2.23 5.23 8.57 8.82 9.07 10.24

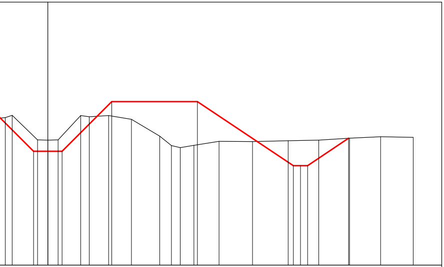
PROFILO AD. PEGA OVEST

SEZIONE 16

PROGRESSIVA 3029



QUOTE TERRENO	8.42 8.43 8.42 8.43 8.45 8.44 8.44 8.44 8.44 8.39 8.42 8.40 8.44 8.44 8.40 8.23 7.87 7.76 7.80 7.99 8.56 8.93
PROGRESSIVE TERRENO	−14.73 −13.65 −12.40 −11.18 −10.99 −9.69 −9.69 −9.69 −9.69 −8.55 −8.38 −7.41 −7.38 −6.67 −6.66 −6.26 −5.78 −5.54 −5.06 −4.50 −3.83 −3.22
QUOTE PROGETTO	8.45 7.45 7.45 7.45 9.69
PROGRESSIVE PROGETTO	−10.60 −9.10 −8.85 −8.60 −5.24

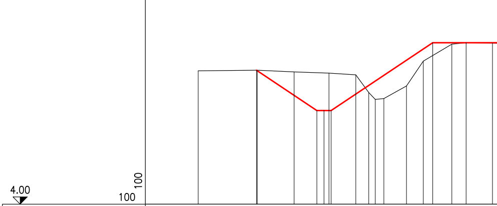


QUOTE TERRENO	9.16 9.24 8.38 8.37 8.38 9.23 9.19 9.23 9.10 8.51 8.18 8.11 8.19 8.33 8.32 8.35 8.37 8.44 8.49 8.47
PROGRESSIVE TERRENO	−1.49 −1.25 −0.36 0.00 0.36 1.15 1.45 2.13 2.93 3.92 4.33 4.64 5.12 6.00 7.17 8.42 9.49 10.57 11.66 12.80
QUOTE PROGETTO	7.98 7.98 7.98 9.72 9.72 7.48 7.48 7.48 8.44
PROGRESSIVE PROGETTO	−0.50 0.00 0.50 2.24 5.24 8.60 8.85 9.10 10.54

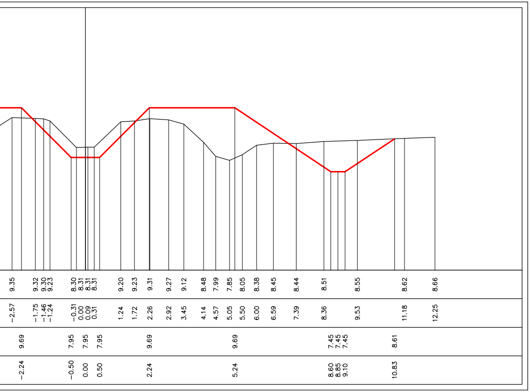
PROFILO AD. PEGA OVEST

SEZIONE 17

PROGRESSIVA 3301



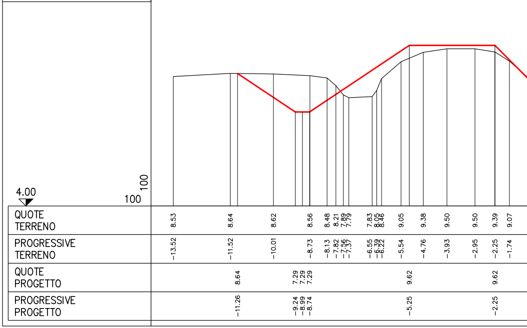
QUOTE TERRENO	8.66 8.68 8.62 8.58 8.52 7.90 7.66 7.69 8.13 9.00 9.59 9.64 9.63
PROGRESSIVE TERRENO	−13.45 −11.38 −10.09 −8.87 −7.93 −7.48 −7.25 −6.95 −6.16 −5.57 −4.57 −4.07 −3.15
QUOTE PROGETTO	8.68 7.27 7.27 7.27 9.64
PROGRESSIVE PROGETTO	−11.41 −9.29 −9.04 −8.79 −5.24

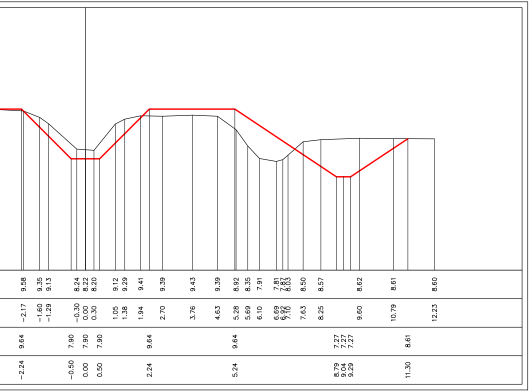

9.35
9.32 9.30 9.23
8.30 8.31 8.31 8.31
9.20
9.23
9.31
9.27
9.12
8.48
7.99
7.85
8.05
8.38
8.45
8.44
8.51
8.55
8.62
8.66
-2.57
-1.75 -1.46 -1.24
-0.31 0.00 0.09 0.31
1.24
1.72
2.26
2.92
3.45
4.14
4.57
5.05
5.50
6.00
6.59
7.39
8.36
9.53
11.18
12.25
9.69
7.95
7.95
7.95
9.69
9.69
7.45 7.45 7.45
8.61
-2.24
-0.50
0.00
0.50
2.24
5.24
8.60 8.85 9.10
10.83

PROFILO AD. PEGA OVEST

SEZIONE 18

PROGRESSIVA 3436

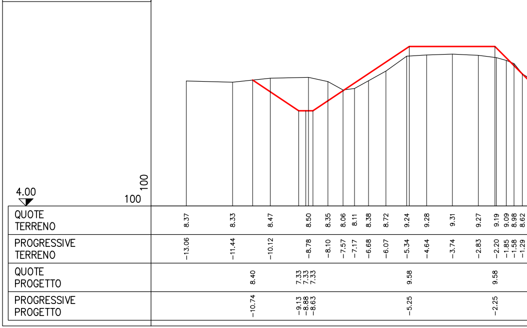

4.00
100
100
QUOTE TERRENO
PROGRESSIVE TERRENO
QUOTE PROGETTO
PROGRESSIVE PROGETTO
8.53
8.64
8.62
8.56
8.48 8.21 7.89 7.79
7.83 8.05 8.46
9.05
9.38
9.50
9.50
9.39
9.07
-13.52
-11.52
-10.01
-8.73
-8.13 -7.82 -7.56 -7.37
-6.55 -6.39 -6.22
-5.54
-4.76
-3.93
-2.95
-2.25
-1.74
8.64
7.29 7.29 7.29
9.62
9.62
-11.26
-9.24 -8.99 -8.74
-5.25
-2.25

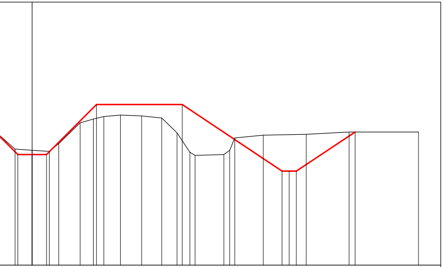

9.58
9.35 9.13
8.24 8.22 8.20
9.12 9.29
9.41
9.39
9.43
9.39
8.92
8.35
7.91
7.81 7.87 8.03
8.50
8.57
8.62
8.61
8.60
-2.17
-1.60 -1.29
-0.30 0.00 0.30
1.05 1.38
1.94
2.70
3.76
4.63
5.28
5.69
6.10
6.69 6.92 7.10
7.63
8.25
9.60
10.79
12.23
9.64
7.90
7.90
7.90
9.64
9.64
7.27 7.27 7.27
8.61
-2.24
-0.50
0.00
0.50
2.24
5.24
8.79 9.04 9.29
11.30

PROFILO AD. PEGA OVEST

SEZIONE 19

PROGRESSIVA 3628


4.00
100
100
QUOTE TERRENO
PROGRESSIVE TERRENO
QUOTE PROGETTO
PROGRESSIVE PROGETTO
8.37
8.33
8.47
8.50
8.35
8.06
8.11
8.38
8.72
9.24
9.28
9.31
9.27
9.19 9.09 8.98 8.62
-13.06
-11.44
-10.12
-8.78
-8.10
-7.57
-7.17
-6.68
-6.07
-5.34
-4.64
-3.74
-2.83
-2.20 -1.85 -1.58 -1.29
8.40
7.33 7.33 7.33
9.58
9.58
-10.74
-9.13 -8.88 -8.63
-5.25
-2.25

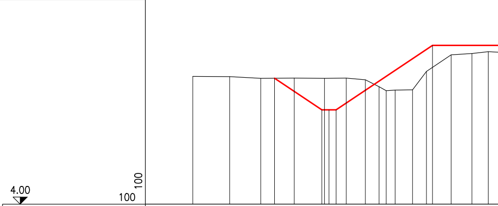


	8.06	8.02	7.98	8.25	8.98	9.11	9.20	9.25	9.22	9.15	8.63	7.95	7.84	7.87	8.02	8.45	8.55	8.58	8.66	8.66
	−0.60	0.00	0.60	0.93	1.68	2.14	2.51	3.09	3.83	4.53	5.07	5.52	5.70	6.71	6.91	7.09	8.09	9.59	11.09	13.52
	7.87	7.87	7.87	9.62	9.62	7.29	7.29	7.29	8.66											
	−0.50	0.00	0.50	2.25	5.25	8.74	8.99	9.24	11.30											

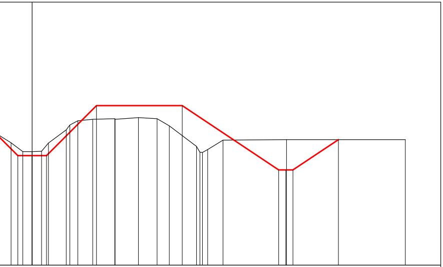
PROFILO AD. PEGA OVEST

SEZIONE 20

PROGRESSIVA 3791



QUOTE TERRENO	8.47	8.46	8.40	8.41	8.40	8.41	8.35	8.11	7.97	7.99	8.00	8.64	9.22	9.27	9.33
PROGRESSIVE TERRENO	−13.64	−12.35	−11.26	−10.09	−9.03	−8.27	−7.60	−7.12	−6.87	−6.56	−5.95	−5.46	−4.60	−3.87	−3.30
QUOTE PROGETTO	8.40	7.30	7.30	7.30	9.55										
PROGRESSIVE PROGETTO	−10.78	−9.12	−8.87	−8.62	−5.25										

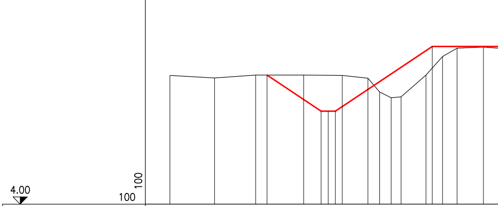


	8.28	7.97	7.97	7.98	8.27	8.73	8.90	9.05	9.10	9.12	9.10	9.16	9.12	8.87	8.15	7.95	7.94	8.04	8.37	8.39	8.39
	−0.74	−0.33	0.00	0.33	0.57	1.19	1.32	1.60	2.12	2.89	2.90	3.72	4.37	4.80	5.75	5.87	5.96	6.14	6.68	8.90	13.06
	7.83	7.83	7.83	9.58	9.58	7.33	7.33	7.33	8.39												
	−0.50	0.00	0.50	2.25	5.25	8.63	8.88	9.13	10.72												

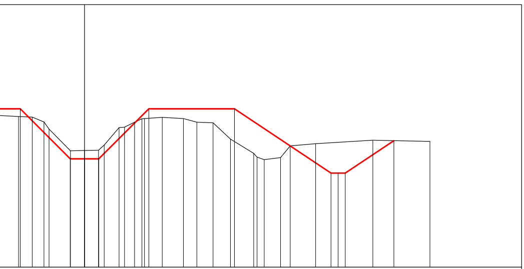
PROFILO AD. PEGA OVEST

SEZIONE 21

PROGRESSIVA 4027



QUOTE TERRENO	8.50	8.41	8.51	8.51	8.50	8.40	7.92	7.72	7.75	8.51	9.16	9.45	9.49
PROGRESSIVE TERRENO	−14.44	−12.88	−11.44	−9.76	−8.41	−7.51	−7.10	−6.70	−6.35	−5.48	−4.90	−4.39	−3.47
QUOTE PROGETTO	8.51	7.25	7.25	7.25	9.51								
PROGRESSIVE PROGETTO	−11.04	−9.15	−8.90	−8.65	−5.26								

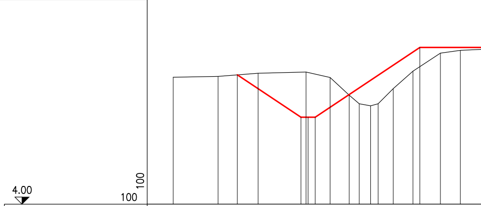


	9.28 9.26 9.09 8.84 8.08 8.09 8.10 8.28 8.89 8.91 9.08 9.20 9.21 9.25 9.21 9.08 9.06 8.49 7.99 7.86 7.77 7.84 8.25 8.33 8.45 8.41
	−2.31 −1.83 −1.42 −1.24 −0.49 0.00 0.49 0.69 1.21 1.40 1.75 2.01 2.10 2.72 3.46 3.93 4.50 5.11 5.92 6.04 6.29 6.86 7.20 8.09 10.09 12.09
	9.55 7.80 7.80 7.80 9.55 9.55 7.30 7.30 7.30 8.44
	−2.25 −0.50 0.00 0.50 2.25 5.25 8.62 8.87 9.12 10.83

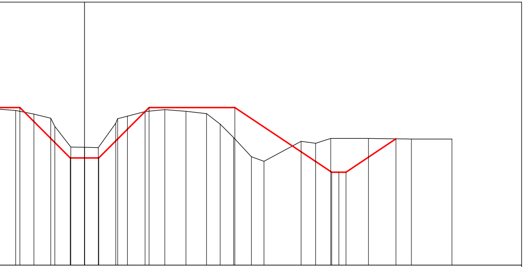
PROFILO AD. PEGA OVEST

SEZIONE 22

PROGRESSIVA 4196



QUOTE TERRENO	8.44 8.47 8.58 8.62 8.43 7.81 7.51 7.44 7.51 8.04 8.65 9.28 9.38
PROGRESSIVE TERRENO	−13.89 −12.32 −10.92 −9.24 −8.40 −7.73 −7.38 −6.98 −6.72 −6.19 −5.50 −4.54 −3.84
QUOTE PROGETTO	8.52 7.04 7.04 7.04 9.48
PROGRESSIVE PROGETTO	−11.64 −9.42 −9.17 −8.92 −5.26

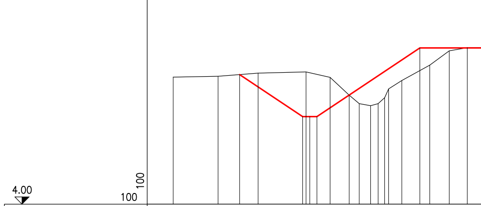


	9.41 9.28 9.14 8.85 8.13 8.12 8.11 8.96 9.12 9.21 9.37 9.44 9.38 9.30 8.93 8.46 7.79 7.63 8.33 8.26 8.43 8.43 8.41 8.41
	−2.41 −1.77 −1.18 −1.04 −0.48 0.00 0.48 1.09 1.16 1.50 2.12 2.81 3.55 4.27 4.75 5.22 5.84 6.28 7.58 8.09 8.62 9.94 11.44 12.86
	9.51 7.75 7.75 7.75 9.51 9.51 7.25 7.25 7.25 8.42
	−2.26 −0.50 0.00 0.50 2.26 5.26 8.65 8.90 9.15 10.90

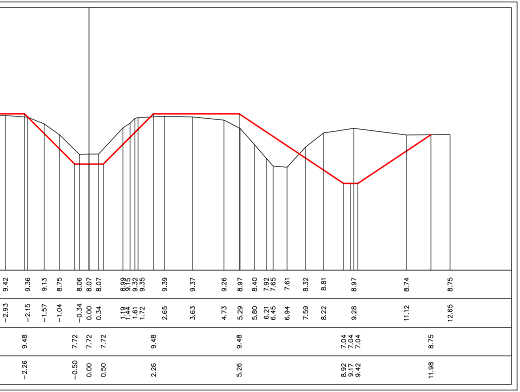
PROFILO AD. PEGA OVEST

SEZIONE 23

PROGRESSIVA 4283



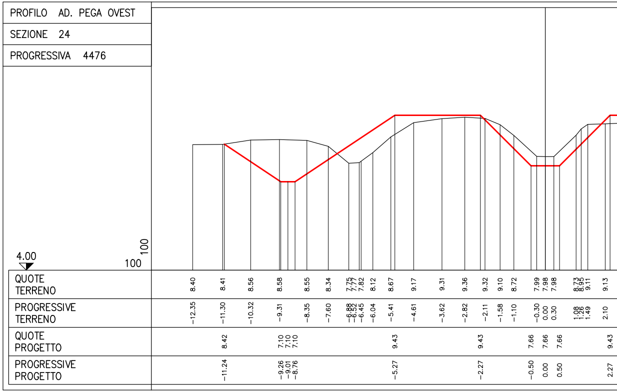
QUOTE TERRENO	8.44 8.47 8.58 8.62 8.43 7.81 7.51 7.44 7.51 7.72 8.03 8.32 8.86 9.36 9.47
PROGRESSIVE TERRENO	−13.89 −12.32 −10.92 −9.24 −8.40 −7.73 −7.38 −6.98 −6.72 −6.49 −6.35 −5.89 −4.91 −4.23 −3.60
QUOTE PROGETTO	8.53 7.06 7.06 7.06 9.46
PROGRESSIVE PROGETTO	−11.56 −9.36 −9.11 −8.86 −5.26

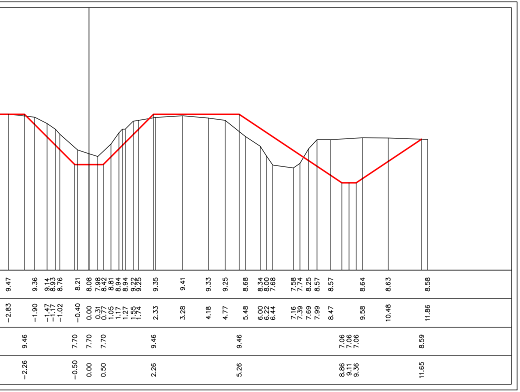

9.42 9.36 9.13 8.75 8.06 8.07 8.07 8.99 9.15 9.32 9.35 9.39 9.37 9.26 8.97 8.40 7.92 7.65 7.61 8.32 8.81 8.97 8.74 8.75
-2.93 -2.15 -1.57 -1.04 -0.34 0.00 0.34 1.19 1.44 1.61 1.72 2.65 3.63 4.73 5.29 5.80 6.21 6.45 6.94 7.59 8.22 9.28 11.12 12.65
9.48 7.72 7.72 7.72 9.48 9.48 7.04 7.04 7.04 8.75
-2.26 -0.50 0.00 0.50 2.26 5.26 8.92 9.17 9.42 11.98

PROFILO AD. PEGA OVEST

SEZIONE 24

PROGRESSIVA 4476

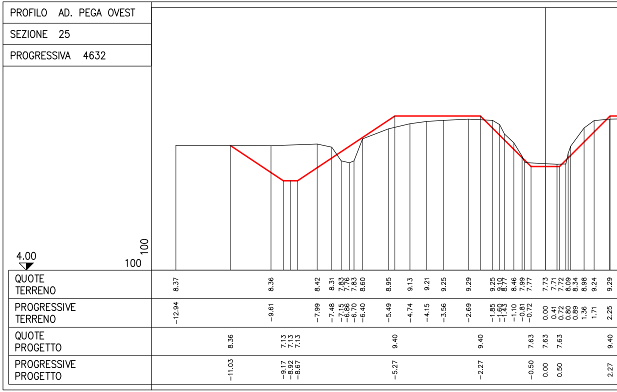

4.00
100
100
QUOTE TERRENO
8.40 8.41 8.56 8.58 8.55 8.34 7.75 7.77 7.82 8.12 8.67 9.17 9.31 9.36 9.32 9.10 8.72 7.99 7.98 7.98 8.73 8.95 9.11 9.13
PROGRESSIVE TERRENO
-12.35 -11.30 -10.32 -9.31 -8.35 -7.60 -6.88 -6.52 -6.45 -6.04 -5.41 -4.61 -3.62 -2.82 -2.11 -1.58 -1.10 -0.30 0.00 0.30 1.08 1.26 1.49 2.10
QUOTE PROGETTO
8.42 7.10 7.10 7.10 9.43 9.43 7.66 7.66 7.66 9.43
PROGRESSIVE PROGETTO
-11.24 -9.26 -9.01 -8.76 -5.27 -2.27 -0.50 0.00 0.50 2.27

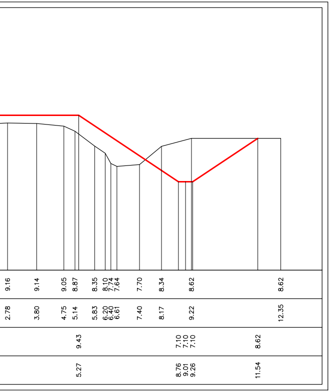

9.47 9.36 9.14 8.93 8.76 8.21 8.08 7.98 8.42 8.81 8.94 8.94 9.22 9.25 9.35 9.41 9.33 9.25 8.68 8.34 8.00 7.68 7.58 7.74 8.25 8.57 8.57 8.64 8.63 8.58
-2.83 -1.90 -1.47 -1.17 -1.02 -0.40 0.00 0.31 0.77 1.05 1.17 1.27 1.55 1.74 2.33 3.28 4.18 4.77 5.48 6.00 6.22 6.44 7.16 7.39 7.69 7.99 8.47 9.58 10.48 11.86
9.46 7.70 7.70 7.70 9.46 9.46 7.06 7.06 7.06 8.59
-2.26 -0.50 0.00 0.50 2.26 5.26 8.86 9.11 9.36 11.65

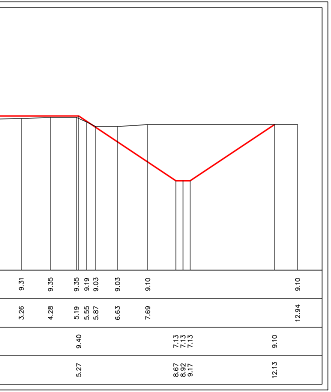
PROFILO AD. PEGA OVEST

SEZIONE 25

PROGRESSIVA 4632


4.00
100
100
QUOTE TERRENO
8.37 8.36 8.42 8.31 7.83 7.76 7.83 8.60 8.95 9.13 9.21 9.25 9.29 9.25 9.10 8.77 8.46 7.99 7.77 7.73 7.71 7.72 8.09 8.34 8.98 9.24 9.29
PROGRESSIVE TERRENO
-12.94 -9.61 -7.99 -7.48 -7.15 -6.86 -6.70 -6.40 -5.49 -4.74 -4.15 -3.56 -2.69 -1.85 -1.60 -1.43 -1.10 -0.81 -0.72 0.00 0.41 0.72 0.80 0.89 1.36 1.71 2.25
QUOTE PROGETTO
8.36 7.13 7.13 7.13 9.40 9.40 7.63 7.63 7.63 9.40
PROGRESSIVE PROGETTO
-11.03 -9.17 -8.92 -8.67 -5.27 -2.27 -0.50 0.00 0.50 2.27


9.16
9.14
9.05
8.87
8.35
8.10
7.74
7.64
7.70
8.34
8.62
8.62
2.78
3.80
4.75
5.14
5.83
6.20
6.40
6.61
7.40
8.17
9.22
12.35
9.43
7.10
7.10
7.10
8.62
5.27
8.76
9.01
9.26
11.54

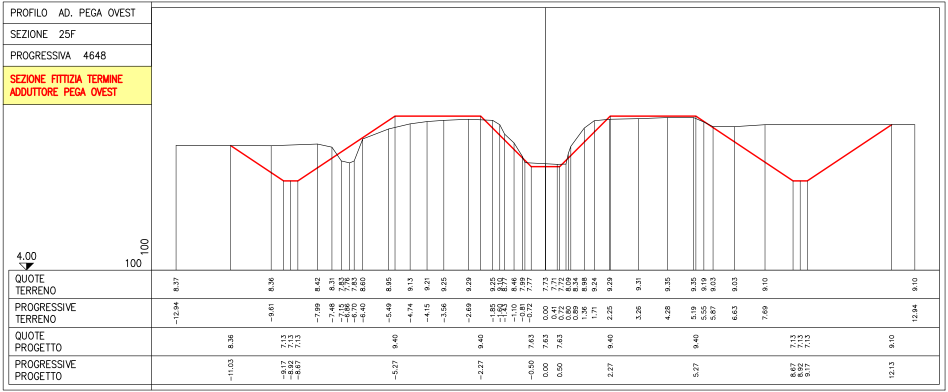

9.31
9.35
9.35
9.19
9.03
9.03
9.10
9.10
3.26
4.28
5.19
5.55
5.87
6.63
7.69
12.94
9.40
7.13
7.13
7.13
9.10
5.27
8.67
8.92
9.17
12.13

PROFILO AD. PEGA OVEST

SEZIONE 25F

PROGRESSIVA 4648

SEZIONE FITTIZIA TERMINE
ADDUTTORE PEGA OVEST


4.00
100
100
QUOTE TERRENO
8.37
8.36
8.42
8.31
7.83
7.76
7.83
8.60
8.95
9.13
9.21
9.25
9.29
9.25
9.10
8.77
8.46
7.99
7.77
7.73
7.71
7.72
8.09
8.34
8.98
9.24
9.29
9.31
9.35
9.35
9.19
9.03
9.03
9.10
9.10
PROGRESSIVE TERRENO
−12.94
−9.61
−7.99
−7.48
−7.15
−6.86
−6.70
−6.40
−5.49
−4.74
−4.15
−3.56
−2.69
−1.85
−1.60
−1.43
−1.10
−0.81
−0.72
0.00
0.41
0.72
0.80
0.89
1.36
1.71
2.25
3.26
4.28
5.19
5.55
5.87
6.63
7.69
12.94
QUOTE PROGETTO
8.36
7.13
7.13
7.13
9.40
9.40
7.63
7.63
7.63
9.40
9.40
7.13
7.13
7.13
9.10
PROGRESSIVE PROGETTO
−11.03
−9.17
−8.92
−8.67
−5.27
−2.27
−0.50
0.00
0.50
2.27
5.27
8.67
8.92
9.17
12.13