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 1F alla 11

Codifica:
8.1.2

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

Progetto adduttori:
Dott. Ing. 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

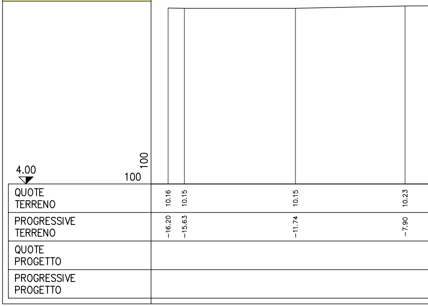
Il Responsabile del Procedimento
Geom. Marco Ardizzoni

Indagini geologiche:
Dott. Geol. Antonio Mucchi

Coordinamento sicurezza:
INGEGNERE LIVIA BURINI
www.dinamostudioferrara.it
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 1F
PROGRESSIVA 0.00
SEZIONE FITTIZIA ALL'ORIGINE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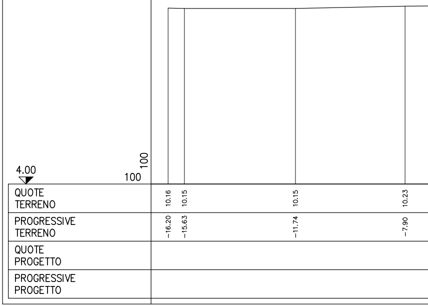
QUOTE TERRENO
10.16
10.15
10.15
10.23
PROGRESSIVE TERRENO
-16.20
-15.63
-11.74
-7.90
QUOTE PROGETTO
PROGRESSIVE PROGETTO

PROFILO AD. PEGA EST
SEZIONE 1
PROGRESSIVA 76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QUOTE TERRENO
10.16
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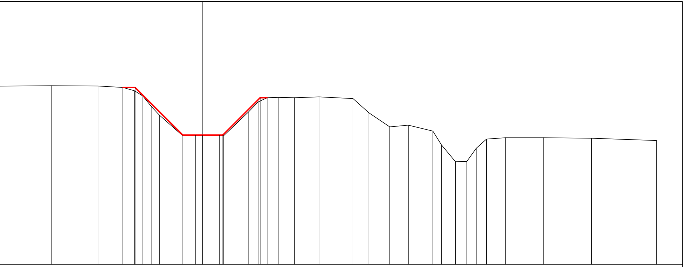
PROGRESSIVE TERRENO
-16.20
-15.63
-11.74
-7.90
QUOTE PROGETTO
PROGRESSIVE PROGETTO

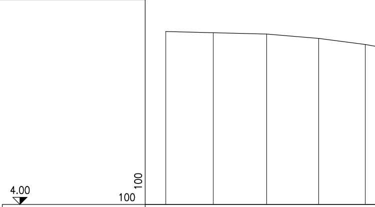


10.25	10.24	10.19	10.07	9.89	9.53	9.22	8.52	8.52	8.52	8.52	8.50	9.32	9.68	9.83	9.84	9.83	9.86	9.80	9.30	8.81	8.87	8.66	8.18	7.59	7.60	8.06	8.38	8.43	8.43	8.41	8.33
−5.31	−3.67	−2.80	−2.39	−2.10	−1.81	−1.52	−0.73	−0.25	0.00	0.58	0.73	1.59	1.94	2.25	2.64	3.21	4.07	5.26	5.82	6.55	7.20	8.06	8.36	8.85	9.25	9.58	9.94	10.60	11.94	13.62	15.89
		10.19	10.19				8.52		8.52		8.52		9.83	9.83																	
		−2.80	−2.37				−0.70		0.00		0.70		2.01	2.25																	

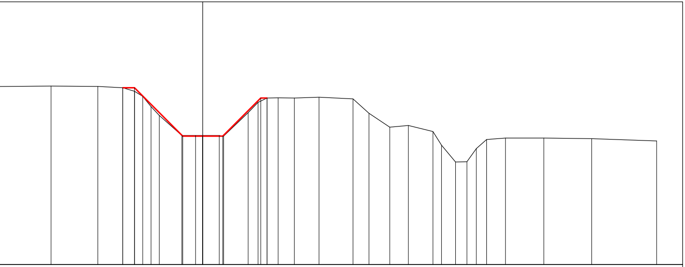
PROFILO AD. PEGA EST

SEZIONE 2

PROGRESSIVA 1088



QUOTE TERRENO	10.04	10.00	9.95	9.80	9.59
PROGRESSIVE TERRENO	−18.78	−17.12	−15.25	−13.43	−11.80
QUOTE PROGETTO					
PROGRESSIVE PROGETTO					

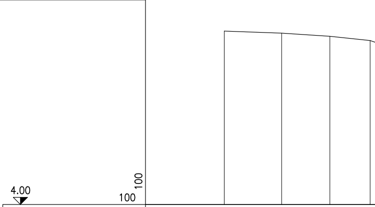


10.25	10.24	10.19	10.07	9.89	9.53	9.22	8.52	8.52	8.52	8.52	8.50	9.32	9.68	9.83	9.84	9.83	9.86	9.80	9.30	8.81	8.87	8.66	8.18	7.59	7.60	8.06	8.38	8.43	8.43	8.41	8.33
−5.31	−3.67	−2.80	−2.39	−2.10	−1.81	−1.52	−0.73	−0.25	0.00	0.58	0.73	1.59	1.94	2.25	2.64	3.21	4.07	5.26	5.82	6.55	7.20	8.06	8.36	8.85	9.25	9.58	9.94	10.60	11.94	13.62	15.89
		10.19	10.19				8.50		8.50		8.50		9.83	9.83																	
		−2.80	−2.39				−0.70		0.00		0.70		2.03	2.25																	

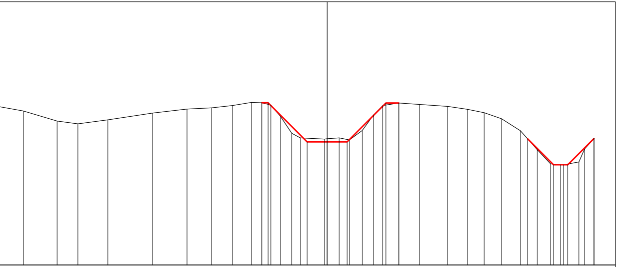
PROFILO AD. PEGA EST

SEZIONE 3

PROGRESSIVA 2136



QUOTE TERRENO	10.06	9.99	9.88	9.73
PROGRESSIVE TERRENO	−16.74	−14.73	−13.04	−11.63
QUOTE PROGETTO				
PROGRESSIVE PROGETTO				



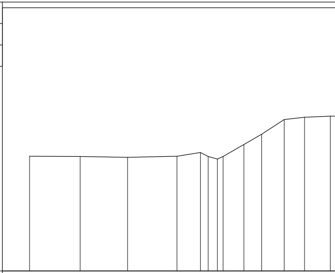
9.38	−10.64
9.03	−9.46
8.93	−8.73
9.07	−7.68
9.31	−6.11
9.45	−4.91
9.49	−4.05
9.57	−3.32
9.68	−2.65
9.67	−2.29
9.59	−1.97
9.18	−1.63
8.60	−1.24
8.44	−0.94
8.40	−0.09
8.41	0.00
8.44	0.42
8.37	0.78
8.70	1.23
9.25	1.63
9.57	1.95
9.66	2.51
9.61	3.24
9.54	4.22
9.44	4.91
9.32	5.50
9.11	6.11
8.69	6.77
8.03	7.36
7.53	7.83
7.50	8.28
7.60	8.82
8.05	9.02
8.42	9.35

9.67	−2.29
9.67	−2.07
8.30	−0.70
8.30	0.00
8.30	0.70
9.66	2.06
9.66	2.51
8.41	7.02
7.50	7.93
7.50	8.18
7.50	8.43
8.42	9.35

PROFILO AD. PEGA EST

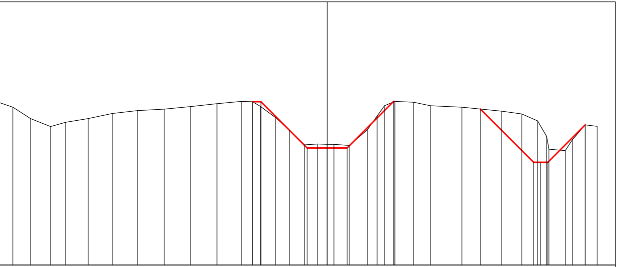
SEZIONE 4

PROGRESSIVA 2519



QUOTE TERRENO	PROGRESSIVE TERRENO
8.01	−14.05
8.00	−12.28
7.97	−10.62
8.01	−8.89
8.14	−8.07
8.00	−7.80
7.91	−7.48
8.00	−7.28
8.42	−6.55
8.78	−5.93
9.29	−5.14
9.37	−4.43
9.41	−3.53

QUOTE PROGETTO	PROGRESSIVE PROGETTO



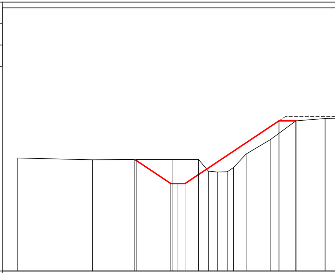
9.52	−11.01
9.12	−10.39
8.84	−9.69
8.99	−9.17
9.12	−8.37
9.30	−7.53
9.40	−6.64
9.45	−5.71
9.54	−4.79
9.64	−3.86
9.72	−3.00
9.71	−2.61
9.55	−2.34
9.15	−1.80
8.71	−1.32
8.20	−0.79
8.23	−0.33
8.22	0.00
8.22	0.24
8.18	0.77
8.73	1.41
9.21	1.75
9.57	2.01
9.72	2.37
9.69	3.03
9.57	3.62
9.52	4.72
9.38	6.12
9.28	6.82
9.04	7.37
8.50	7.69
8.05	7.77
8.00	8.34
8.38	8.59
8.90	9.04
8.85	9.46

9.71	−2.61
9.71	−2.32
8.09	−0.70
8.09	0.00
8.09	0.70
9.72	2.33
9.72	2.37
9.46	5.36
7.59	7.23
7.59	7.48
7.59	7.73
8.90	9.04

PROFILO AD. PEGA EST

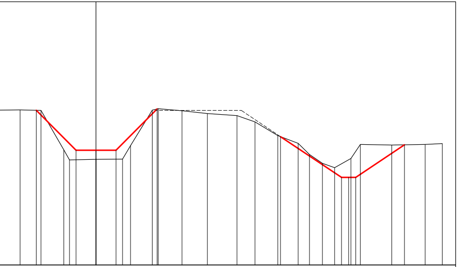
SEZIONE 5

PROGRESSIVA 2548



QUOTE TERRENO	PROGRESSIVE TERRENO
7.95	−14.47
7.89	−11.85
7.90	−10.32
7.90	−9.06
7.90	−8.14
7.49	−7.79
7.46	−7.48
7.47	−7.13
7.62	−6.91
8.09	−6.47
8.59	−5.63
9.25	−4.73
9.33	−3.71

QUOTE PROGETTO	PROGRESSIVE PROGETTO
7.90	−10.37
7.06	−9.11
7.06	−8.86
7.06	−8.61
9.25	−5.32
9.25	−4.73

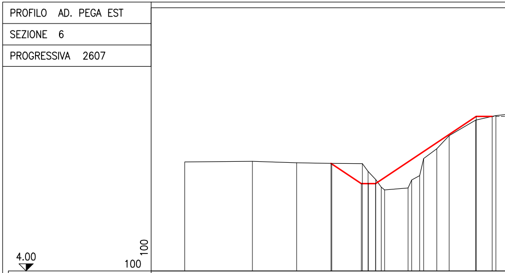


	9.42 9.40 8.02 7.67 7.69 7.70 8.17 9.41 9.46 9.39 9.29 9.22 9.00 8.52 8.25 7.86 7.55 7.40 7.72 8.21 8.19 8.21 8.24
	−2.66 −1.93 −1.13 −0.93 0.00 0.93 1.21 1.97 2.18 3.01 3.90 4.94 5.57 6.37 7.08 7.48 7.93 8.36 8.93 9.26 10.36 11.53 12.13
	9.40 8.01 8.01 8.01 9.45 8.48 7.06 7.06 7.06 8.20
	−2.09 −0.70 0.00 0.70 2.14 6.46 8.60 8.85 9.10 10.81

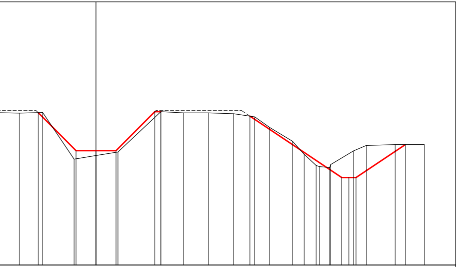
PROFILO AD. PEGA EST

SEZIONE 6

PROGRESSIVA 2607



QUOTE TERRENO	7.81 7.83 7.78 7.76 7.75 7.48 7.19 6.93 6.83 6.90 7.18 7.33 7.93 8.27 8.73 9.27 9.43
PROGRESSIVE TERRENO	−15.32 −12.95 −11.40 −10.17 −9.10 −8.90 −8.63 −8.44 −8.32 −7.50 −7.37 −7.09 −6.95 −6.49 −6.06 −5.13 −4.42
QUOTE PROGETTO	7.76 7.05 7.05 7.05 9.40 9.40
PROGRESSIVE PROGETTO	−10.20 −9.13 −8.88 −8.63 −5.11 −4.55

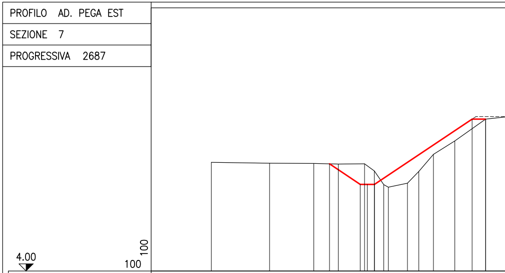


	9.31 9.33 7.70 7.83 7.95 9.36 9.32 9.32 9.29 9.18 8.81 8.33 7.87 7.48 7.44 7.41 7.51 7.99 8.18 8.21 8.21
	−2.69 −1.87 −0.77 0.00 0.77 2.27 3.07 3.94 4.82 5.56 6.08 6.88 7.29 7.71 7.83 8.19 8.22 9.02 9.47 10.48 11.50
	9.33 8.00 8.00 8.00 9.36 9.36 9.20 7.06 7.06 7.06 8.21
	−2.03 −0.70 0.00 0.70 2.06 2.27 5.39 8.61 8.86 9.11 10.84

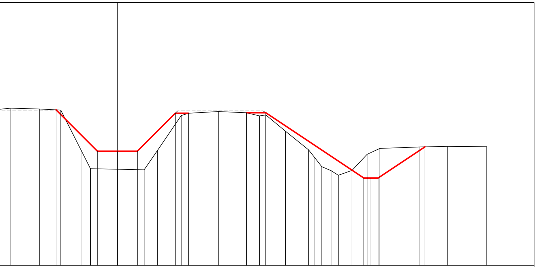
PROFILO AD. PEGA EST

SEZIONE 7

PROGRESSIVA 2687



QUOTE TERRENO	7.80 7.77 7.76 7.74 7.75 7.50 7.02 6.93 7.07 7.48 8.08 8.55 9.31
PROGRESSIVE TERRENO	−14.39 −12.35 −10.80 −9.94 −9.02 −8.68 −8.35 −8.19 −7.52 −7.12 −6.61 −5.86 −4.78
QUOTE PROGETTO	7.75 7.03 7.03 7.03 9.31 9.31
PROGRESSIVE PROGETTO	−10.25 −9.17 −8.92 −8.67 −5.26 −4.78



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9.44 · 7.99 · 7.99 · 7.99 · 9.32 · 9.32 · 9.34 · 9.34 · 7.05 · 7.05 · 7.05 · 8.14
−2.15 · −0.70 · 0.00 · 0.70 · 2.03 · 2.50 · 4.52 · 5.20 · 8.63 · 8.88 · 9.13 · 10.78

PROFILO AD. PEGA EST

SEZIONE 8

PROGRESSIVA 2764

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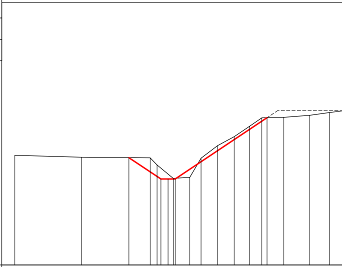
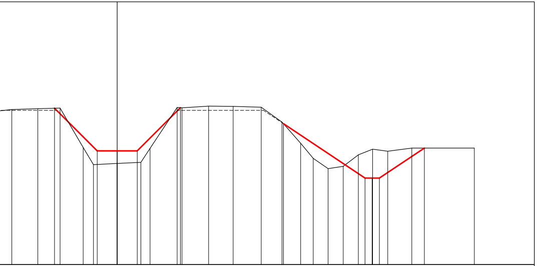
100

100



QUOTE TERRENO	7.84 · 7.77 · 7.75 · 7.50 · 7.03 · 7.07 · 7.74 · 8.18 · 8.49 · 8.86 · 9.15 · 9.17 · 9.24 · 9.34
PROGRESSIVE TERRENO	−14.34 · −12.01 · −9.60 · −9.36 · −8.79 · −8.21 · −7.82 · −7.24 · −6.66 · −6.11 · −5.69 · −4.92 · −4.01 · −3.31
QUOTE PROGETTO	7.76 · 7.01 · 7.01 · 7.01 · 9.15
PROGRESSIVE PROGETTO	−10.34 · −9.22 · −8.97 · −8.72 · −5.51



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−3.69 · −2.78 · −2.00 · −1.19 · −0.83 · 0.00 · 0.83 · 1.15 · 2.10 · 2.27 · 3.20 · 4.06 · 5.04 · 5.77 · 6.42 · 6.86 · 7.38 · 7.91 · 8.44 · 8.94 · 9.47 · 10.31 · 12.50
9.47 · 7.98 · 7.98 · 7.98 · 9.49 · 8.93 · 7.03 · 7.03 · 7.03 · 8.08
−2.19 · −0.70 · 0.00 · 0.70 · 2.21 · 5.82 · 8.67 · 8.92 · 9.17 · 10.75

PROFILO AD. PEGA EST

SEZIONE 8F

PROGRESSIVA 2788.40

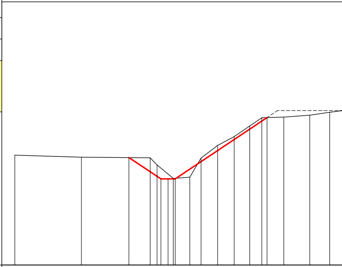
SEZIONE FITTIZIA A MONTE DEL PONTE 1

TERMINE 1° TRONCO

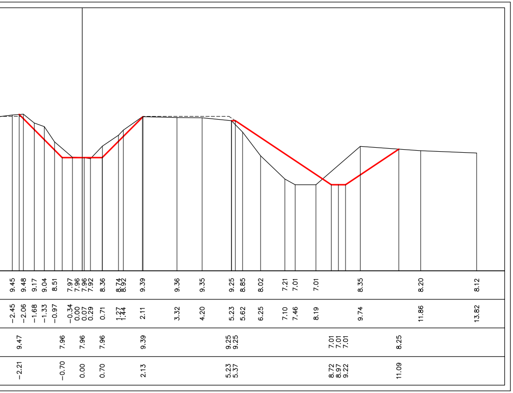
4.00

100

100



QUOTE TERRENO	7.84 · 7.77 · 7.75 · 7.50 · 7.03 · 7.07 · 7.74 · 8.18 · 8.49 · 8.86 · 9.15 · 9.17 · 9.24 · 9.34
PROGRESSIVE TERRENO	−14.34 · −12.01 · −9.60 · −9.36 · −8.79 · −8.21 · −7.82 · −7.24 · −6.66 · −6.11 · −5.69 · −4.92 · −4.01 · −3.31
QUOTE PROGETTO	7.76 · 7.01 · 7.01 · 7.01 · 9.15
PROGRESSIVE PROGETTO	−10.34 · −9.23 · −8.98 · −8.73 · −5.51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7.96
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8.36
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8.92
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7.21
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7.01
8.35
8.20
8.12
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−2.06
−1.68
−1.33
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0.07
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1.44
2.11
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4.20
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7.96
7.96
9.39
9.25
9.25
7.01
7.01
7.01
8.25
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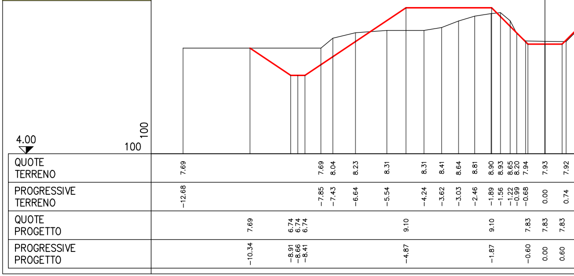
8.72
8.97
9.22
11.09

PROFILO AD. PEGA EST

SEZIONE 9F

PROGRESSIVA 2799.60

SEZIONE FITTIZIA A VALLE
DEL PONTE 1
ORIGINE 2° TRONCO


4.00
100
100
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7.69
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8.31
8.31
8.41
8.64
8.81
8.90
8.93
8.65
8.20
7.94
7.93
7.92
PROGRESSIVE TERRENO
−12.68
−7.85
−7.43
−6.64
−5.54
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−3.62
−3.03
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0.00
0.74
QUOTE PROGETTO
7.69
6.74
6.74
6.74
9.10
9.10
7.83
7.83
7.83
PROGRESSIVE PROGETTO
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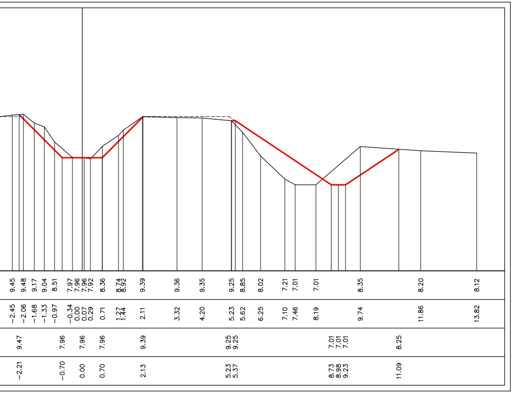
0.60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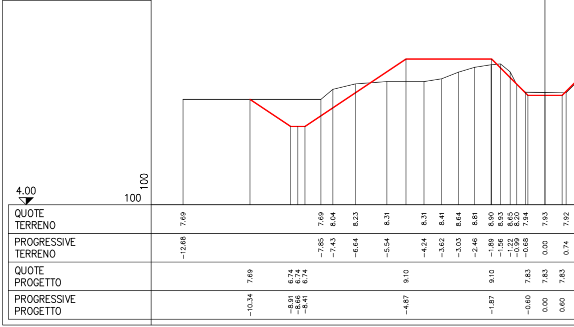
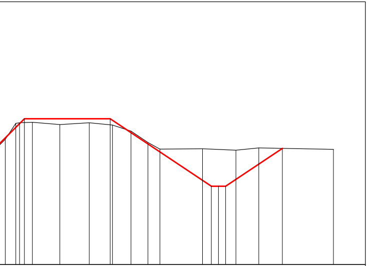
−0.34
0.00
0.07
0.29
0.71
1.27
1.44
2.11
3.32
4.20
5.23
5.62
6.25
7.10
7.46
8.19
9.74
11.86
13.82
9.47
7.96
7.96
7.96
9.39
9.25
9.25
7.01
7.01
7.01
8.25
−2.21
−0.70
0.00
0.70
2.13
5.23
5.37
8.73
8.98
9.23
11.09

PROFILO AD. PEGA EST

SEZIONE 9

PROGRESSIVA 2806


4.00
100
100
QUOTE TERRENO
7.69
7.69
8.04
8.23
8.31
8.31
8.41
8.64
8.81
8.90
8.93
8.65
8.20
7.94
7.93
7.92
PROGRESSIVE TERRENO
−12.68
−7.85
−7.43
−6.64
−5.54
−4.24
−3.62
−3.03
−2.46
−1.89
−1.56
−1.22
−0.99
−0.68
0.00
0.74
QUOTE PROGETTO
7.69
6.74
6.74
6.74
9.10
9.10
7.83
7.83
7.83
PROGRESSIVE PROGETTO
−10.34
−8.91
−8.66
−8.41
−4.87
−1.87
−0.60
0.00
0.60



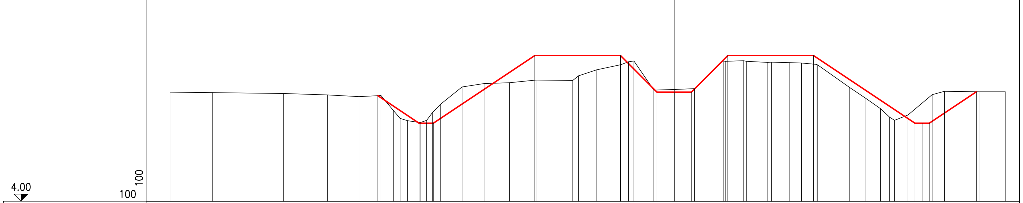
QUOTE TERRENO	PROGRESSIVE TERRENO
8.38	1.20
8.94	1.57
8.96	1.70
8.98	2.15
8.90	3.11
8.96	4.14
8.88	4.95
8.67	5.60
8.27	6.19
8.04	6.61
8.05	8.10
8.00	9.27
8.08	10.07
8.03	12.68

QUOTE PROGETTO	PROGRESSIVE PROGETTO
9.10	1.87
9.10	4.87
6.74	8.41
6.74	8.66
6.74	8.91
8.06	10.90

PROFILO AD. PEGA EST

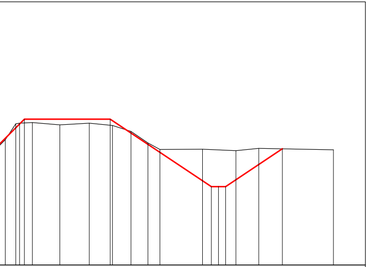
SEZIONE 10

PROGRESSIVA 2852



QUOTE TERRENO	PROGRESSIVE TERRENO
7.82	−17.66
7.80	−16.18
7.77	−13.69
7.72	−12.14
7.66	−11.04
7.70	−10.27
7.18	−9.84
6.90	−9.60
6.82	−9.34
6.75	−8.90
6.83	−8.67
7.10	−8.47
7.40	−8.18
8.00	−7.43
8.12	−6.66
8.15	−5.77
8.24	−4.84
8.23	−3.55
8.39	−3.35
8.60	−2.71
8.78	−1.87
8.88	−1.60
8.91	−1.41
7.89	−0.71
7.91	0.00
7.94	0.71
8.91	1.72
8.90	1.79
8.92	2.42
8.90	2.54
8.86	3.28
8.87	3.41
8.85	4.05
8.84	4.46
8.79	4.97
8.77	5.03
7.98	6.15
7.60	6.72
7.24	7.23
6.94	7.55
6.83	7.72
7.02	8.19
7.73	9.04
7.85	9.47
7.83	10.68
7.83	11.60

QUOTE PROGETTO	PROGRESSIVE PROGETTO
7.69	−10.38
6.73	−8.93
6.73	−8.68
6.73	−8.43
9.10	−4.88
9.10	−1.88
7.82	−0.60
7.82	0.00
7.82	0.60
9.10	1.88
9.10	4.88
6.73	8.43
6.73	8.68
6.73	8.93
7.83	10.59



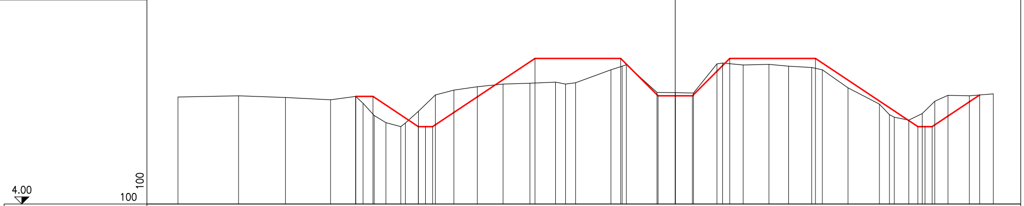
QUOTE TERRENO	PROGRESSIVE TERRENO
8.38	1.20
8.94	1.57
8.96	1.70
8.98	2.15
8.90	3.11
8.96	4.14
8.88	4.95
8.67	5.60
8.27	6.19
8.04	6.61
8.05	8.10
8.00	9.27
8.08	10.07
8.03	12.68

QUOTE PROGETTO	PROGRESSIVE PROGETTO
9.10	1.87
9.10	4.87
6.74	8.41
6.74	8.66
6.74	8.91
8.06	10.90

PROFILO AD. PEGA EST

SEZIONE 11

PROGRESSIVA 2972



QUOTE TERRENO	PROGRESSIVE TERRENO
7.75	−17.41
7.79	−15.29
7.73	−13.65
7.65	−12.07
7.77	−11.19
7.53	−10.93
7.10	−10.54
6.85	−10.13
6.71	−9.61
6.84	−9.45
7.25	−8.99
7.82	−8.40
7.99	−7.75
8.11	−6.93
8.20	−6.03
8.23	−5.09
8.27	−4.19
8.20	−3.84
8.25	−3.49
8.70	−2.25
8.83	−1.86
8.88	−1.71
7.91	−0.64
7.90	0.00
7.89	0.64
8.91	1.46
8.94	1.66
8.87	2.38
8.89	3.28
8.83	3.97
8.78	4.78
8.70	5.15
8.07	6.05
7.50	7.15
7.13	7.50
7.04	7.67
6.94	8.18
7.17	8.65
7.60	9.09
7.81	9.55
7.79	10.30
7.86	11.14

QUOTE PROGETTO	PROGRESSIVE PROGETTO
7.77	−11.19
7.77	−10.58
6.71	−8.99
6.71	−8.74
6.71	−8.49
9.10	−4.91
9.10	−1.91
7.79	−0.60
7.79	0.00
7.79	0.60
9.10	1.91
9.10	4.91
6.71	8.49
6.71	8.74
6.71	8.99
7.82	10.66

1502VP−8.1.X−E1 1=0.1