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

SCAVO TRATTO COLLETTORE AA

PROGETTO ESECUTIVO

Provincia di Ferrara
Comuni di Codigoro, Jolanda di Savoia e Fiscaglia

Ripristino dell'officiosità idraulica del Collettore AA dal ponte Nuvolè all'impianto idrovoro di Codigoro

ELABORATI GRAFICI

SEZIONI TRASVERSALI DALLA 48 ALLA 57F

Data:	Elab.:	**3.5**

IL PROGETTISTA
(Dott. Ing. Marco Volpin)

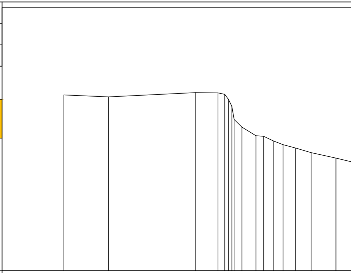
ORDINE DEGLI INGEGNERI DELLA PROVINCIA - ROVIGO -
Dott. Ing. VOLPIN MARCO
ALBO N.762

IL RESPONSABILE DEL PROCEDIMENTO
(Geom. Marco Ardizzoni)

Elab.: Carlo Mazzanti	Data dis.: Maggio 2019	Pos. arch.: 1801	File: 1801CAA2-03M-E

PROFILO COLLETTORE AA
SEZIONE 48
PROGRESSIVA 15301
DISTANZA DALLA SEZIONE PRECEDENTE: 267

Raccordo tra 2° e 3° tronco (larghezza di scavo 17 metri)



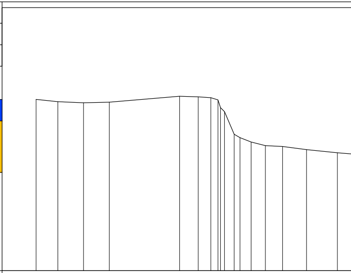
1.00
100
100

QUOTE TERRENO	7.15	7.08	7.23	7.22	7.17	6.99	6.75	6.29	6.02	5.72	5.70	5.54	5.41	5.29	5.13	4.94
PROGRESSIVE TERRENO	−21.34	−19.78	−16.74	−15.95	−15.71	−15.58	−15.46	−15.38	−15.11	−14.62	−14.35	−14.01	−13.67	−13.23	−12.69	−11.82
QUOTE PROGETTO																
PROGRESSIVE PROGETTO																

PROFILO COLLETTORE AA
SEZIONE 49
PROGRESSIVA 15646
DISTANZA DALLA SEZIONE PRECEDENTE: 345

ORIGINE 3° TRONCO

SEZIONE FITTIZIA:
Origine tronco con larghezza di scavo 18 metri



1.00
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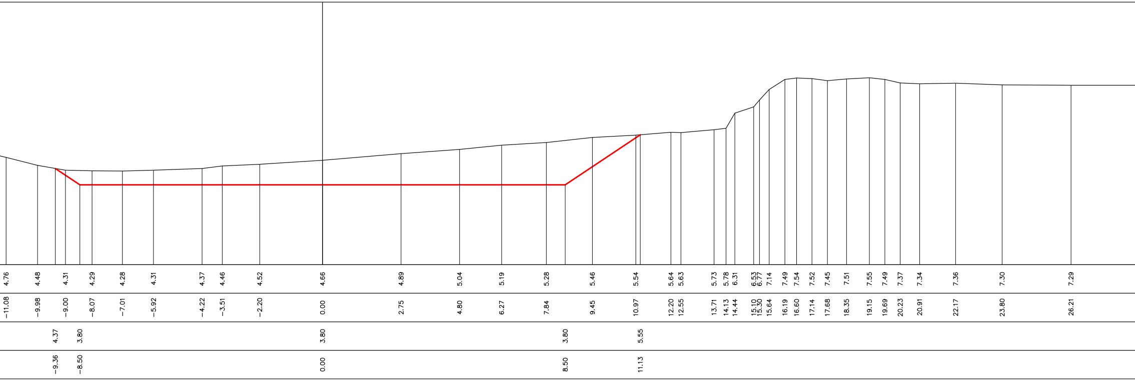
QUOTE TERRENO	6.99	6.91	6.87	6.89	7.10	7.08	7.05	6.97	6.70	6.56	5.77	5.65	5.50	5.37	5.34	5.23	5.12
PROGRESSIVE TERRENO	−22.31	−21.55	−20.65	−19.75	−17.29	−16.64	−16.20	−15.95	−15.86	−15.72	−15.38	−15.18	−14.79	−14.29	−13.69	−12.85	−11.77
QUOTE PROGETTO																	
PROGRESSIVE PROGETTO																	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4.31
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4.52
4.66
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5.04
5.19
5.28
5.46
5.54
5.64
5.63
5.73
5.78
6.31
6.53
6.77
7.14
7.49
7.54
7.52
7.45
7.51
7.55
7.49
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7.34
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7.30
7.29
−11.08
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−9.00
−8.07
−7.01
−5.92
−4.22
−3.51
−2.20
0.00
2.75
4.80
6.27
7.84
9.45
10.97
12.20
12.55
13.71
14.13
14.44
15.10
15.30
15.64
16.19
16.60
17.14
17.68
18.35
19.15
19.69
20.23
20.91
22.17
23.80
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3.80
3.80
3.80
5.55
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−8.50
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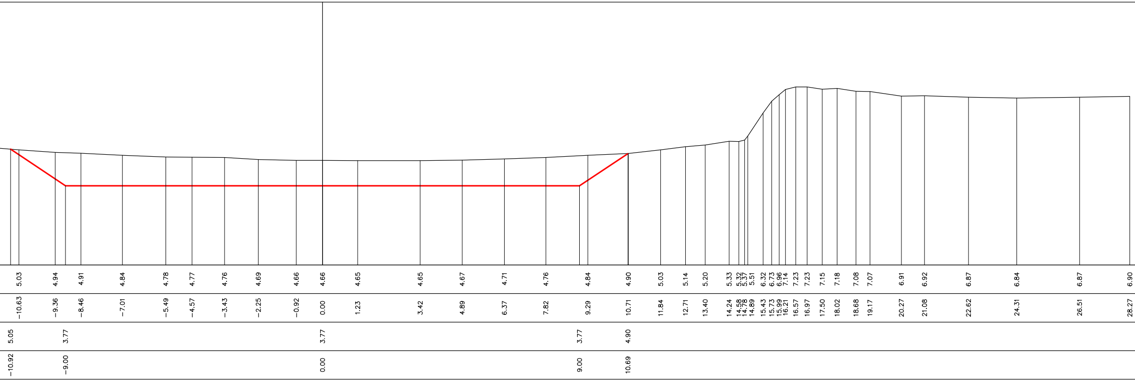
8.50
11.13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4.84
4.78
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4.76
4.69
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4.66
4.65
4.65
4.67
4.71
4.76
4.84
4.90
5.03
5.14
5.20
5.33
5.32
5.37
5.51
6.32
6.73
6.96
7.14
7.23
7.23
7.15
7.18
7.08
7.07
6.91
6.92
6.87
6.84
6.87
6.90
−10.63
−9.36
−8.46
−7.01
−5.49
−4.57
−3.43
−2.25
−0.92
0.00
1.23
3.42
4.89
6.37
7.82
9.29
10.71
11.84
12.71
13.40
14.24
14.58
14.78
14.89
15.43
15.73
15.99
16.21
16.57
16.97
17.50
18.02
18.68
19.17
20.27
21.08
22.62
24.31
26.51
28.27
5.05
3.77
3.77
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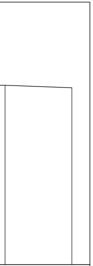
−9.00
0.00
9.00
10.69



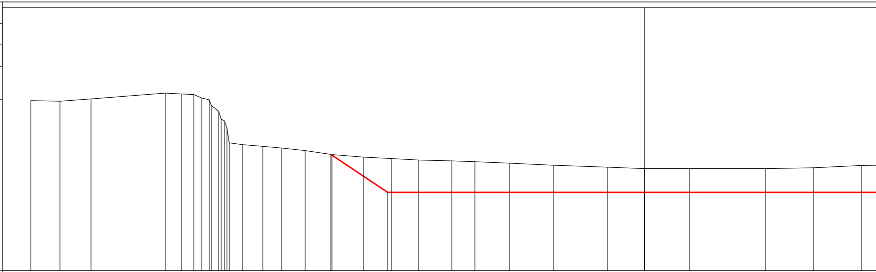
QUOTE TERRENO	7.29	7.20
PROGRESSIVE TERRENO	28.63	30.97
QUOTE PROGETTO		
PROGRESSIVE PROGETTO		

PROFILO COLLETTORE AA

SEZIONE 50

PROGRESSIVA 15948

DISTANZA DALLA SEZIONE PRECEDENTE: 302



QUOTE TERRENO	6.95	6.93	7.01	7.21	7.18	7.16	7.04	6.98	6.78	6.58	6.30	6.24	5.97	5.47	5.41	5.35	5.29	5.20	5.06	4.97	4.92	4.87	4.84	4.81	4.76	4.69	4.62	4.57	4.57	4.57	4.60	4.68
PROGRESSIVE TERRENO	-21.50	-20.48	-19.39	-16.79	-16.22	-15.79	-15.51	-15.25	-15.18	-14.92	-14.83	-14.71	-14.63	-14.55	-14.08	-13.37	-12.71	-11.89	-10.95	-9.84	-8.86	-7.92	-6.75	-5.94	-4.73	-3.20	-1.30	0.00	1.58	4.23	5.92	7.59
QUOTE PROGETTO																			5.07		3.74							3.74				
PROGRESSIVE PROGETTO																			-10.99		-9.00							0.00				

PROFILO COLLETTORE AA

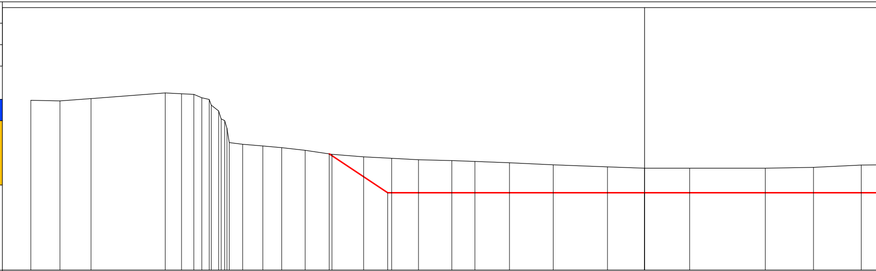
SEZIONE 50F

PROGRESSIVA 16237

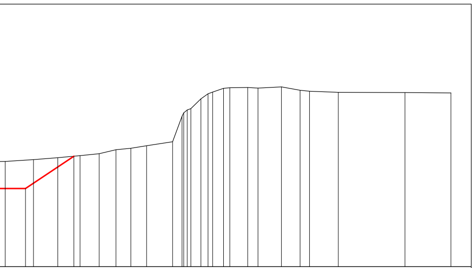
DISTANZA DALLA SEZIONE PRECEDENTE: 289

TERMINE 3° TRONCO

SEZIONE FITTIZIA:
Termine tronco con larghezza di scavo 18 metri
(Rizzolo a monte Ponte Eurovo)



QUOTE TERRENO	6.95	6.93	7.01	7.21	7.18	7.16	7.04	6.98	6.78	6.58	6.30	6.24	5.97	5.47	5.41	5.35	5.29	5.20	5.06	4.97	4.92	4.87	4.84	4.81	4.76	4.69	4.62	4.57	4.57	4.57	4.60	4.68
PROGRESSIVE TERRENO	-21.50	-20.48	-19.39	-16.79	-16.22	-15.79	-15.51	-15.25	-15.18	-14.92	-14.83	-14.71	-14.63	-14.55	-14.08	-13.37	-12.71	-11.89	-10.95	-9.84	-8.86	-7.92	-6.75	-5.94	-4.73	-3.20	-1.30	0.00	1.58	4.23	5.92	7.59
QUOTE PROGETTO																			5.07		3.71							3.71				
PROGRESSIVE PROGETTO																			-11.05		-9.00							0.00				



4.69	4.75	4.82	4.89	4.96	5.10	5.15	5.24	5.38	6.27	6.39	6.49	6.54	6.88	7.06	7.12	7.25	7.27	7.28	7.26	7.30	7.18	7.15	7.11	7.10	7.09
8.29	9.28	10.13	10.91	11.58	12.17	12.69	13.24	14.15	14.48	14.54	14.66	14.79	15.14	15.39	15.55	15.93	16.15	16.78	17.14	17.96	18.61	18.94	19.95	22.28	23.89

3.74	4.87
9.00	10.70

PROFILO COLLETTORE AA

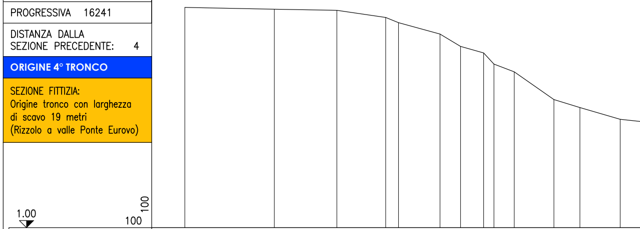
SEZIONE 51F

PROGRESSIVA 16241

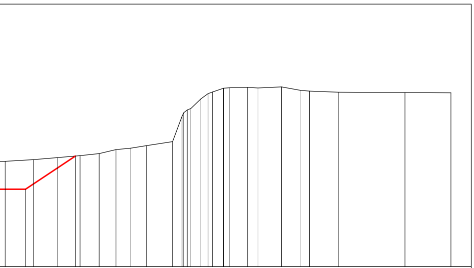
DISTANZA DALLA SEZIONE PRECEDENTE: 4

ORIGINE 4° TRONCO

SEZIONE FITTIZIA:
Origine tronco con larghezza di scavo 19 metri
(Rizzolo a valle Ponte Eurovo)



QUOTE TERRENO	8.70	8.64	8.60	8.35	8.17	7.77	7.34	7.11	6.72	6.45	5.48	5.20	4.79
PROGRESSIVE TERRENO	−28.34	−25.21	−23.02	−21.31	−20.86	−19.41	−18.69	−17.88	−17.52	−16.81	−15.42	−14.51	−13.10
QUOTE PROGETTO													
PROGRESSIVE PROGETTO													



4.69	4.75	4.82	4.89	4.96	5.10	5.15	5.24	5.38	6.27	6.39	6.49	6.54	6.88	7.06	7.12	7.25	7.27	7.28	7.26	7.30	7.18	7.15	7.11	7.10	7.09
8.29	9.28	10.13	10.91	11.58	12.17	12.69	13.24	14.15	14.48	14.54	14.66	14.79	15.14	15.39	15.55	15.93	16.15	16.78	17.14	17.96	18.61	18.94	19.95	22.28	23.89

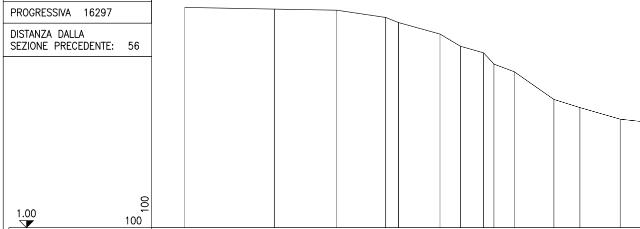
3.71	4.88
9.00	10.75

PROFILO COLLETTORE AA

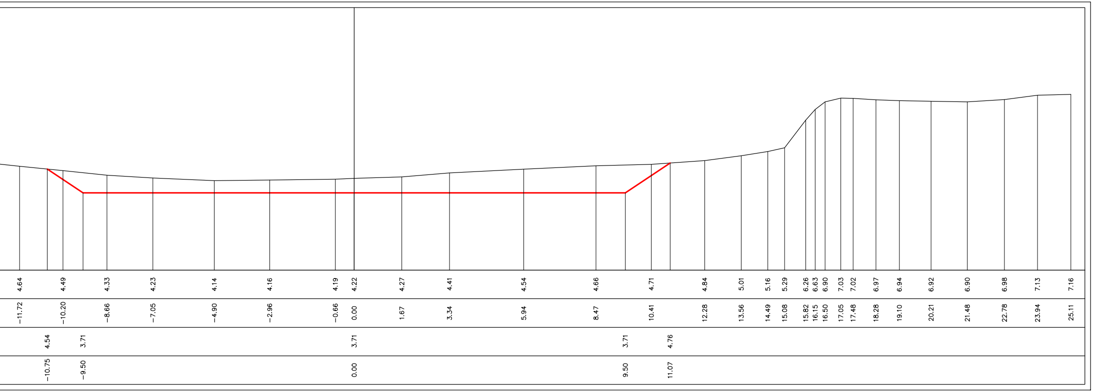
SEZIONE 51

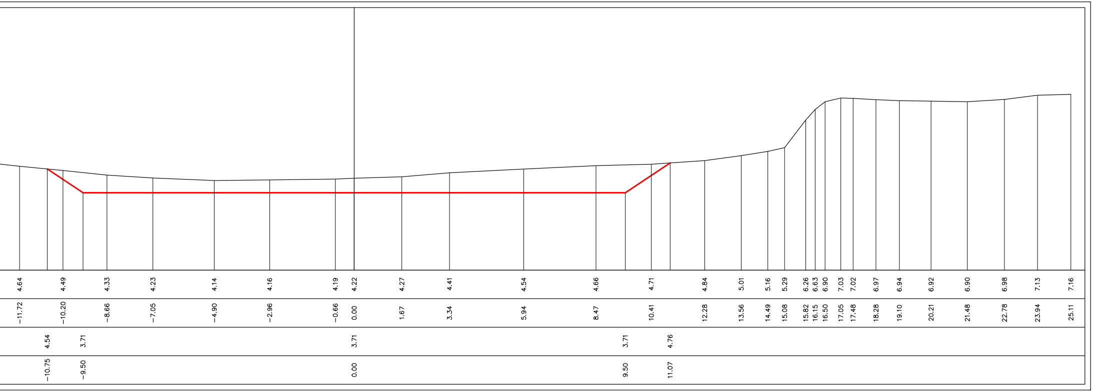
PROGRESSIVA 16297

DISTANZA DALLA SEZIONE PRECEDENTE: 56



QUOTE TERRENO	8.70	8.64	8.60	8.35	8.17	7.77	7.34	7.11	6.72	6.45	5.48	5.20	4.79
PROGRESSIVE TERRENO	−28.34	−25.21	−23.02	−21.31	−20.86	−19.41	−18.69	−17.88	−17.52	−16.81	−15.42	−14.51	−13.10
QUOTE PROGETTO													
PROGRESSIVE PROGETTO													


4.64
4.49
4.33
4.23
4.14
4.16
4.19
4.22
4.27
4.41
4.54
4.66
4.71
4.84
5.01
5.16
5.29
6.26
6.63
6.90
7.03
7.02
6.97
6.94
6.92
6.90
6.98
7.13
7.16
−11.72
−10.20
−8.66
−7.05
−4.90
−2.96
−0.66
0.00
1.67
3.34
5.94
8.47
10.41
12.28
13.56
14.49
15.08
15.82
16.15
16.50
17.05
17.48
18.28
19.10
20.21
21.48
22.78
23.94
25.11
4.54
3.71
3.71
3.71
4.76
−10.75
−9.50
0.00
9.50
11.07



4.64
4.49
4.33
4.23
4.14
4.16
4.19
4.22
4.27
4.41
4.54
4.66
4.71
4.84
5.01
5.16
5.29
6.26
6.63
6.90
7.03
7.02
6.97
6.94
6.92
6.90
6.98
7.13
7.16
−11.72
−10.20
−8.66
−7.05
−4.90
−2.96
−0.66
0.00
1.67
3.34
5.94
8.47
10.41
12.28
13.56
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15.08
15.82
16.15
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21.48
22.78
23.94
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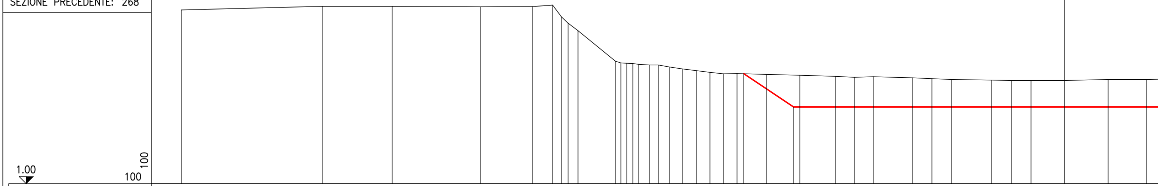
4.54
3.71
3.71
3.71
4.76
−10.75
−9.50
0.00
9.50
11.07

PROFILO COLLETTORE AA

SEZIONE 52

PROGRESSIVA 16565

DISTANZA DALLA SEZIONE PRECEDENTE: 268



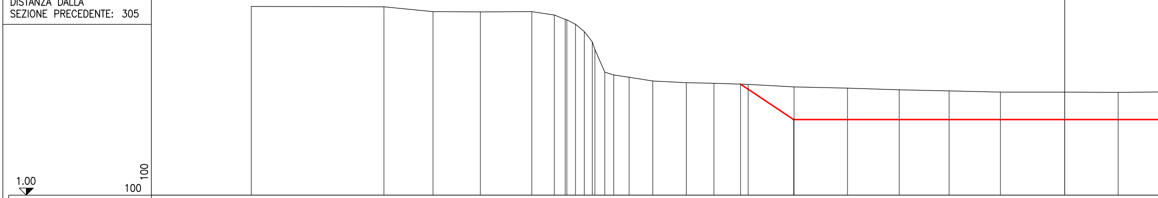
QUOTE TERRENO	7.07	7.20	7.20	7.18	7.19	7.24	6.83	6.61	6.35	5.28	5.22	5.21	5.20	5.17	5.15	5.15	5.08	5.01	4.95	4.89	4.84	4.85		4.82		4.79	4.75	4.72	4.74	4.70	4.67	4.64	4.62	4.61	4.61	4.61	4.64	4.64
PROGRESSIVE TERRENO	−30.95	−25.99	−23.56	−20.46	−18.64	−17.94	−17.63	−17.40	−17.05	−15.74	−15.55	−15.34	−15.13	−14.92	−14.55	−14.24	−13.84	−13.38	−12.90	−12.43	−11.96	−11.48		−10.44		−9.28	−8.03	−7.37	−6.71	−5.34	−4.65	−3.96	−2.56	−1.87	−1.18	0.00	1.52	2.87
QUOTE PROGETTO																							4.84		3.68											3.68		
PROGRESSIVE PROGETTO																							−11.24		−9.50											0.00		

PROFILO COLLETTORE AA

SEZIONE 53

PROGRESSIVA 16870

DISTANZA DALLA SEZIONE PRECEDENTE: 305



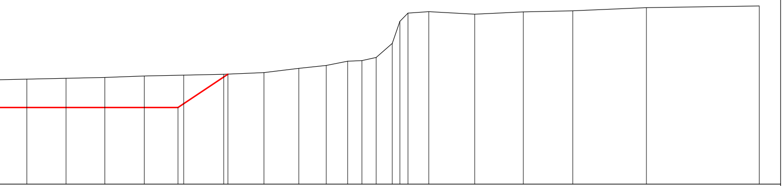
QUOTE TERRENO	7.61	7.60	7.43	7.42	7.43	7.31	7.16	7.14	6.99	6.73	6.37	6.10	5.31	5.21	5.13	5.00	4.94	4.92		4.88		4.79	4.75	4.69	4.65	4.61	4.61	4.60
PROGRESSIVE TERRENO	−28.50	−23.85	−22.13	−20.47	−18.67	−17.88	−17.50	−17.44	−17.14	−16.83	−16.55	−16.46	−16.11	−15.80	−15.26	−14.43	−13.26	−12.29		−11.09		−9.48	−7.61	−5.80	−4.05	−2.25	0.00	1.87
QUOTE PROGETTO																			4.89		3.65						3.65	
PROGRESSIVE PROGETTO																			−11.36		−9.50						0.00	

PROFILO COLLETTORE AA

SEZIONE 54

PROGRESSIVA 17178

DISTANZA DALLA
SEZIONE PRECEDENTE: 308



1.00

100

100

PROGRESSIVE TERRENO	QUOTE TERRENO
4.21	4.67
5.58	4.70
6.94	4.73
8.32	4.78
9.70	4.81
11.10	4.84
12.51	4.90
13.73	5.05
14.69	5.15
15.44	5.30
15.94	5.32
16.44	5.43
17.00	5.92
17.27	6.69
17.55	6.98
18.28	7.03
19.89	6.94
21.59	7.02
23.32	7.06
25.90	7.17
29.85	7.23

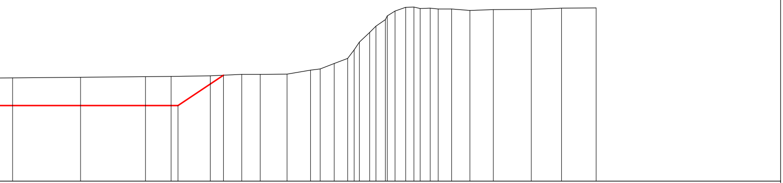
PROGRESSIVE PROGETTO	QUOTE PROGETTO
9.50	3.68
11.25	4.85

PROFILO COLLETTORE AA

SEZIONE 55F

PROGRESSIVA 17418

DISTANZA DALLA
SEZIONE PRECEDENTE: 240



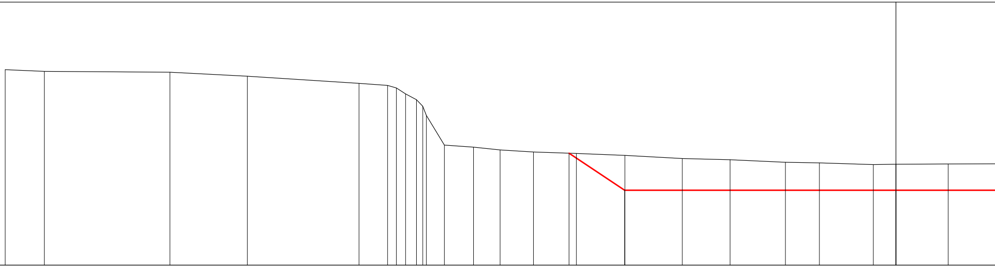
1.00

100

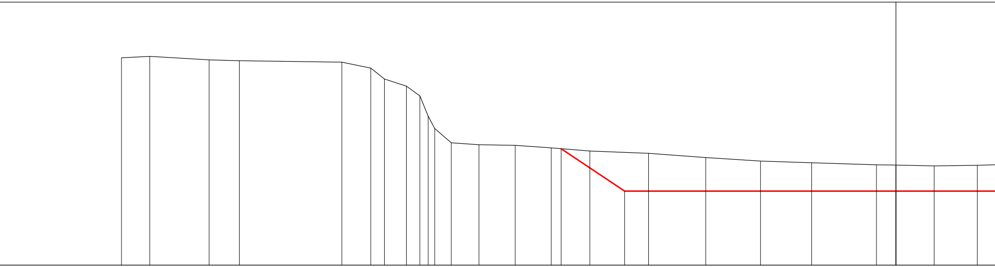
100

PROGRESSIVE TERRENO	QUOTE TERRENO
3.71	4.62
6.09	4.64
8.36	4.66
9.26	4.67
10.63	4.69
11.73	4.74
12.38	4.74
13.32	4.75
14.14	4.89
14.48	4.93
14.97	5.12
15.44	5.30
15.67	5.60
15.85	5.87
16.21	6.21
16.43	6.43
16.76	6.66
16.83	6.79
17.10	6.96
17.47	7.09
17.76	7.10
17.98	7.05
18.33	7.06
18.61	7.03
19.08	7.03
19.72	6.98
20.54	7.01
21.87	7.02
22.93	7.06
24.14	7.07

PROGRESSIVE PROGETTO	QUOTE PROGETTO
9.50	3.65
11.09	4.71



7.84	7.78	7.75	7.61	7.36	7.29	7.20	6.99	6.79	6.56	6.24	5.20	5.13	5.03	4.96		4.91	4.84	4.73	4.69	4.60	4.58	4.52	4.53	4.54
−31.19	−29.82	−25.42	−22.71	−18.80	−17.80	−17.49	−17.17	−16.79	−16.57	−16.44	−15.81	−14.79	−13.86	−12.69		−11.19	−9.49	−7.48	−5.81	−3.87	−2.68	−0.79	0.00	1.83
															4.92		3.62						3.62	
															−11.45		−9.50						0.00	



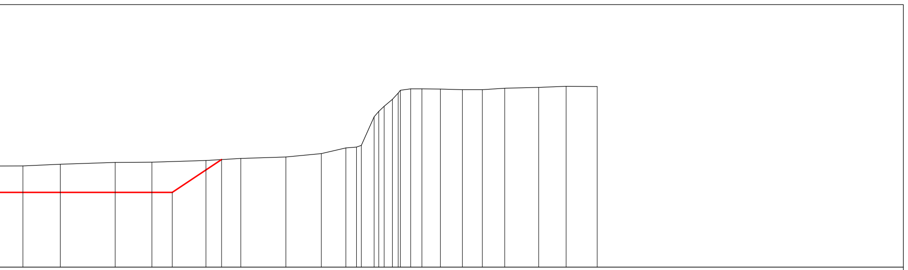
8.25	8.30	8.18	8.15	8.10	7.89	7.51	7.26	6.92	6.21	5.78	5.28	5.21	5.19	5.10		4.99		4.91	4.76	4.64	4.58	4.51	4.50	4.47	4.49
−27.12	−26.13	−24.05	−22.99	−19.40	−18.39	−17.91	−17.14	−16.67	−16.38	−16.15	−15.57	−14.60	−13.33	−12.07		−10.72		−8.66	−6.66	−4.74	−2.95	−0.68	0.00	1.34	2.85
															5.07		3.59						3.59		
															−11.72		−9.50						0.00		

PROFILO COLLETTORE AA

SEZIONE 55

PROGRESSIVA 17469

DISTANZA DALLA SEZIONE PRECEDENTE: 51



PROGRESSIVE TERRENO	QUOTE TERRENO
4.27	4.55
5.58	4.61
7.50	4.67
8.79	4.68
10.68	4.74
11.90	4.81
13.48	4.86
14.72	4.98
15.58	5.18
15.95	5.21
16.12	5.27
16.57	6.27
16.73	6.46
16.92	6.64
17.21	6.88
17.41	7.10
17.49	7.20
17.85	7.25
18.24	7.25
18.89	7.24
19.66	7.22
20.36	7.22
21.14	7.27
22.33	7.30
23.29	7.34
24.38	7.33

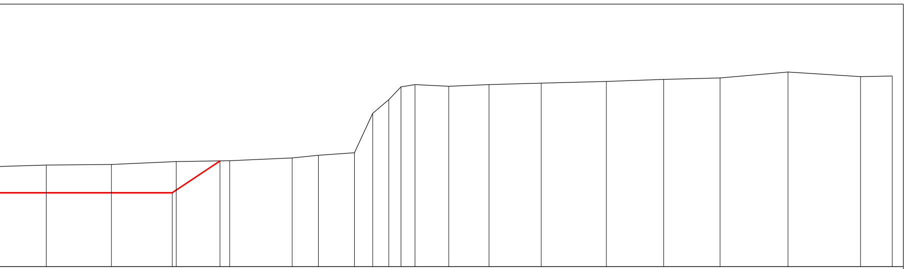
PROGRESSIVE PROGETTO	QUOTE PROGETTO
9.50	3.62
11.23	4.77

PROFILO COLLETTORE AA

SEZIONE 56F

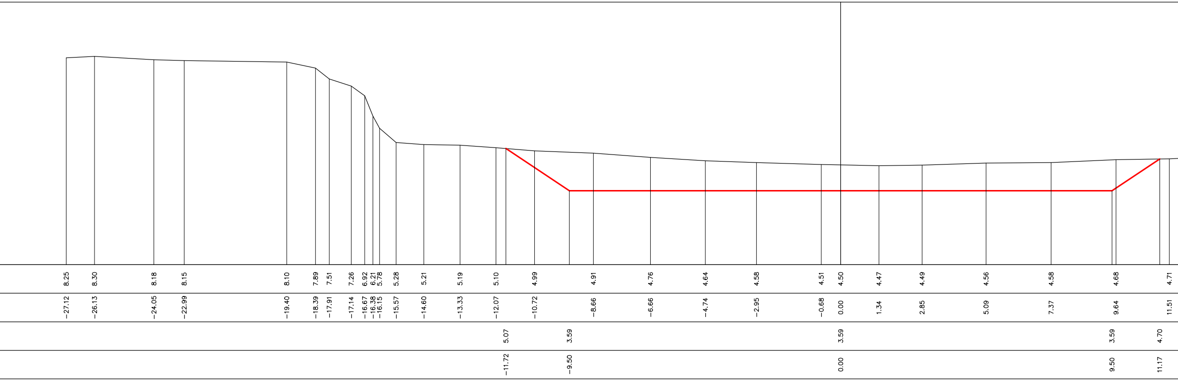
PROGRESSIVA 17667

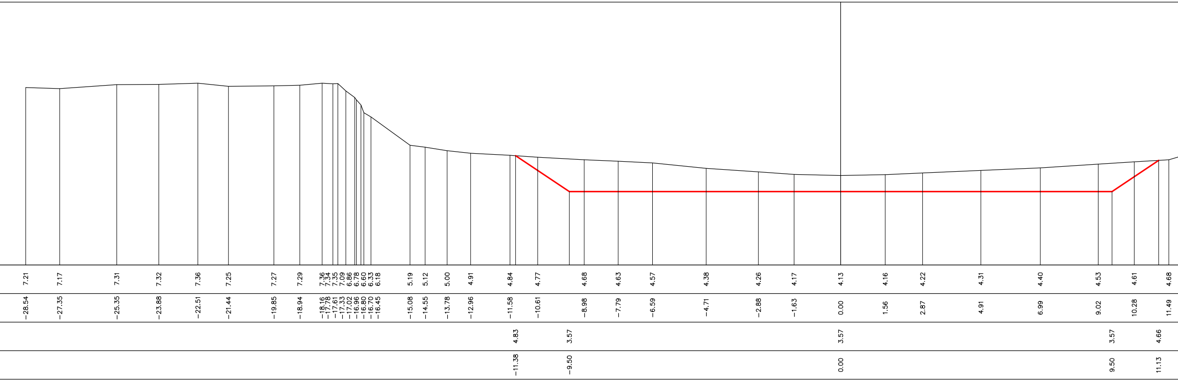
DISTANZA DALLA SEZIONE PRECEDENTE: 198



PROGRESSIVE TERRENO	QUOTE TERRENO
5.09	4.56
7.37	4.58
9.64	4.68
11.51	4.71
13.70	4.81
14.62	4.90
15.88	4.99
16.52	6.37
17.08	6.85
17.51	7.30
18.00	7.38
19.18	7.32
20.59	7.38
22.42	7.43
24.70	7.49
26.71	7.56
28.68	7.61
31.06	7.82
33.60	7.66
34.71	7.68

PROGRESSIVE PROGETTO	QUOTE PROGETTO
9.50	3.59
11.17	4.70


8.25
8.30
8.18
8.15
8.10
7.89
7.51
7.26
6.92
6.21
5.78
5.28
5.21
5.19
5.10
4.99
4.91
4.76
4.64
4.58
4.51
4.50
4.47
4.49
4.56
4.58
4.68
4.71
−27.12
−26.13
−24.05
−22.99
−19.40
−18.39
−17.91
−17.14
−16.67
−16.38
−16.15
−15.57
−14.60
−13.33
−12.07
−10.72
−8.66
−6.66
−4.74
−2.95
−0.68
0.00
1.34
2.85
5.09
7.37
9.64
11.51
5.07
3.59
3.59
3.59
4.70
−11.72
−9.50
0.00
9.50
11.17


7.21
7.17
7.31
7.32
7.36
7.25
7.27
7.29
7.36
7.34
7.35
7.09
6.86
6.78
6.60
6.33
6.18
5.19
5.12
5.00
4.91
4.84
4.77
4.68
4.63
4.57
4.38
4.26
4.17
4.13
4.16
4.22
4.31
4.40
4.53
4.61
4.68
−28.54
−27.35
−25.35
−23.88
−22.51
−21.44
−19.85
−18.94
−18.16
−17.78
−17.61
−17.33
−17.02
−16.96
−16.80
−16.70
−16.45
−15.08
−14.55
−13.78
−12.96
−11.58
−10.61
−8.98
−7.79
−6.59
−4.71
−2.88
−1.63
0.00
1.56
2.87
4.91
6.99
9.02
10.28
11.49
4.83
3.57
3.57
3.57
4.66
−11.38
−9.50
0.00
9.50
11.13

PROFILO COLLETTORE AA

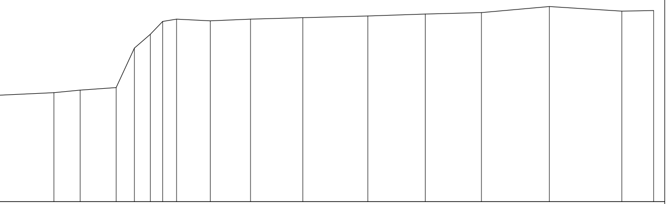
SEZIONE 56

PROGRESSIVA 17675

DISTANZA DALLA
SEZIONE PRECEDENTE: 8

TERMINE 4° TRONCO

Termine tronco con larghezza
di scavo 19 metri



1.00 100 100

QUOTE TERRENO	4.81	4.90	4.99	6.37	6.85	7.30	7.38	7.32	7.38	7.43	7.49	7.56	7.61	7.82	7.66	7.68
PROGRESSIVE TERRENO	13.70	14.62	15.88	16.52	17.08	17.51	18.00	19.18	20.59	22.42	24.70	26.71	28.68	31.06	33.60	34.71
QUOTE PROGETTO																
PROGRESSIVE PROGETTO																

PROFILO COLLETTORE AA

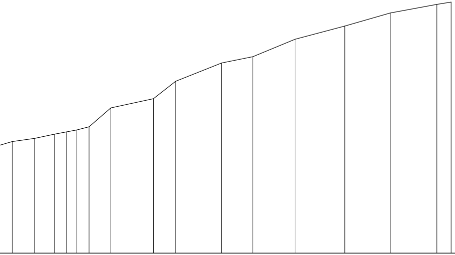
SEZIONE 57F

PROGRESSIVA 17975

DISTANZA DALLA
SEZIONE PRECEDENTE: 300

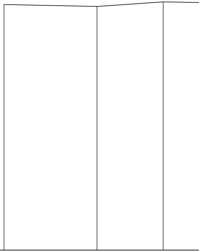
ORIGINE 5° TRONCO

SEZIONE FITTIZIA:
Termine tratto da scavare
(Lo scavo del tratto rimanente
è previsto in altro procedimento)

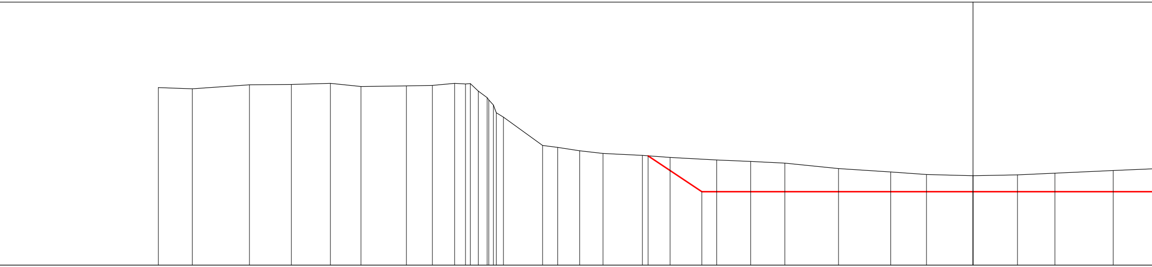


1.00 100 100

QUOTE TERRENO	4.90	5.01	5.16	5.24	5.31	5.42	6.08	6.40	7.01	7.65	7.87	8.48	8.94	9.40	9.70	9.78
PROGRESSIVE TERRENO	12.24	13.02	13.72	14.14	14.50	14.93	15.69	17.18	17.96	19.57	20.66	22.14	23.88	25.47	27.10	27.60
QUOTE PROGETTO																
PROGRESSIVE PROGETTO																

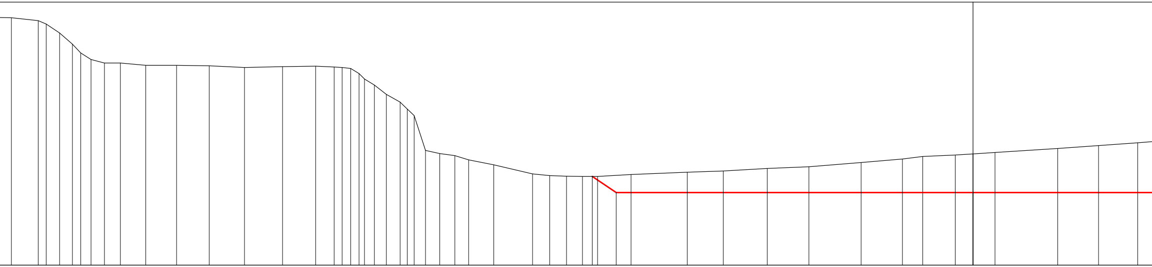


QUOTE TERRENO	9.59	9.52	9.68
PROGRESSIVE TERRENO	-40.90	-37.65	-35.34



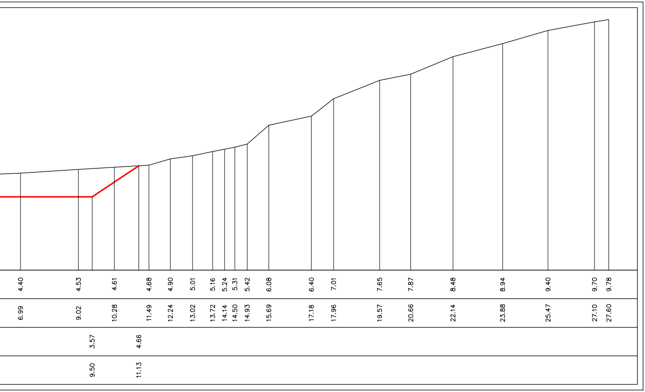
7.21	−28.54
7.17	−27.35
7.31	−25.35
7.32	−23.88
7.36	−22.51
7.25	−21.44
7.27	−19.85
7.29	−18.94
7.36	−18.16
7.34	−17.78
7.35	−17.61
7.09	−17.33
6.86	−17.02
6.78	−16.96
6.60	−16.80
6.33	−16.70
6.18	−16.45
5.19	−15.08
5.12	−14.55
5.00	−13.78
4.91	−12.96
4.84	−11.58
4.77	−10.61
4.68	−8.98
4.63	−7.79
4.57	−6.59
4.38	−4.71
4.26	−2.88
4.17	−1.63
4.13	0.00
4.16	1.56
4.22	2.87
4.31	4.91

4.83	−11.38
3.57	−9.50
3.57	0.00



9.65	−33.69
9.55	−32.75
9.43	−32.47
9.12	−32.00
8.73	−31.55
8.42	−31.26
8.19	−30.90
8.07	−30.43
8.07	−29.87
7.99	−28.98
7.99	−27.90
7.97	−26.76
7.91	−25.52
7.94	−24.19
7.96	−23.03
7.93	−22.38
7.91	−22.10
7.88	−21.80
7.70	−21.51
7.51	−21.32
7.30	−20.97
6.97	−20.55
6.70	−20.07
6.46	−19.82
6.23	−19.58
5.01	−19.18
4.90	−18.68
4.83	−18.15
4.68	−17.67
4.51	−16.79
4.19	−15.43
4.13	−14.83
4.11	−14.24
4.10	−13.68
4.10	−13.15
4.17	−11.98
4.25	−10.01
4.29	−8.75
4.38	−7.21
4.44	−5.75
4.59	−3.92
4.71	−2.47
4.80	−1.76
4.85	−0.62
4.89	0.00
4.94	0.77
5.08	2.97
5.18	4.40
5.28	5.77

4.10	−13.34
3.54	−12.50
3.54	0.00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9.02
10.28
11.49
12.24
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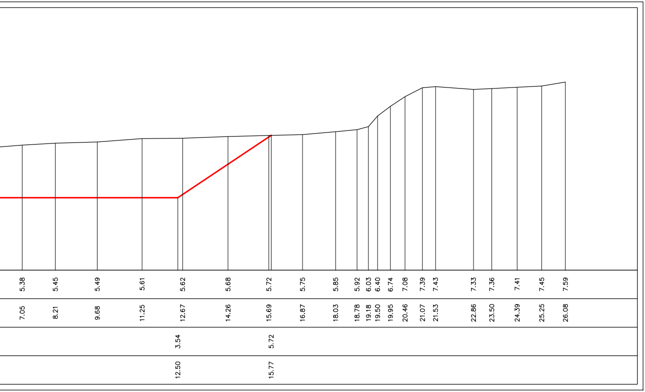
11.13


5.38
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5.49
5.61
5.62
5.68
5.72
5.75
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5.92
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6.40
6.74
7.08
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7.36
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