


PONTE SULLO STRETTO DI MESSINA



PROGETTO DEFINITIVO

EUROLINK S.C.p.A.

IMPREGILO S.p.A. (MANDATARIA)
 SOCIETÀ ITALIANA PER CONDOTTE D'ACQUA S.p.A. (MANDANTE)
 COOPERATIVA MURATORI E CEMENTISTI - C.M.C. DI RAVENNA SOC. COOP. A.R.L. (MANDANTE)
 SACYR S.A.U. (MANDANTE)
 ISHIKAWAJIMA - HARIMA HEAVY INDUSTRIES CO. LTD (MANDANTE)
 A.C.I. S.C.P.A. - CONSORZIO STABILE (MANDANTE)

<p>IL PROGETTISTA</p> <p>Dott. Ing. E. Pagani Ordine Ingegneri Milano n° 15408</p> 	<p>IL CONTRAENTE GENERALE</p> <p>Project Manager (Ing. P.P. Marcheselli)</p>	<p>STRETTO DI MESSINA Direttore Generale e RUP Validazione (Ing. G. Fiammenghi)</p>	<p>STRETTO DI MESSINA Amministratore Delegato (Dott. P. Ciucci)</p>
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<p><i>Unità Funzionale</i> OPERA DI ATTRAVERSAMENTO</p> <p><i>Tipo di sistema</i> CANTIERI</p> <p><i>Raggruppamento di opere/attività</i> ITINERARI</p> <p><i>Opera - tratto d'opera - parte d'opera</i> NUOVI ITINERARI – NI.31.</p> <p><i>Titolo del documento</i> P-CN1 – QUADERNO DELLE SEZIONI PCN1.E</p>	<p>CZ0123_F0</p>
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CODICE	C	G	0	0	0	0	P	W	A	D	P	C	Z	C	2	N	I	3	1	0	0	0	0	5	F	0
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REV	DATA	DESCRIZIONE	REDATTO	VERIFICATO	APPROVATO
F0	20/06/2011	EMISSIONE FINALE	PUGLIESE	FARINA	PAGANI

PROFILO P-CN1.E

SEZIONE 1.PCN1.E

PROGRESSIVA 0.00

Spancamento
 A1 7.13 mq.
 A2 0.17 mq.
 Totale: 7.30 mq.
 Fondazione
 E1 3.20 mq.
 Usura
 a1 8.00 ml.

Area di scambio (100,00 m slm)

2.00%

2.00%

2.00%

2.00%

91

100
100

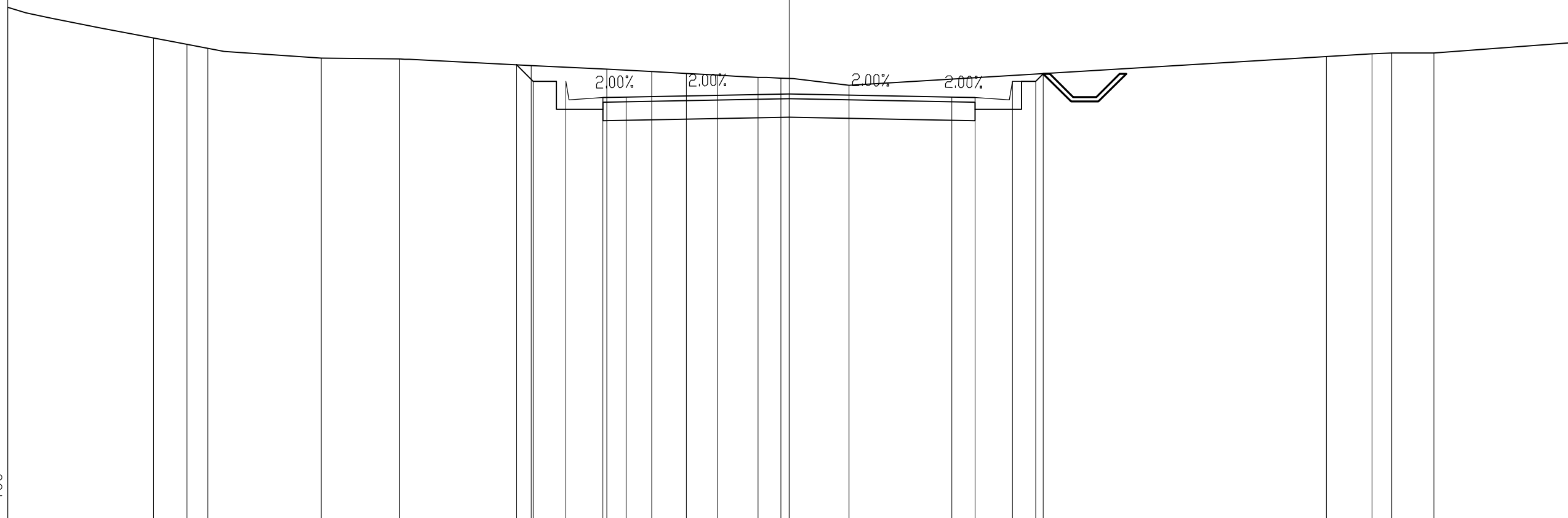
PROGRESSIVE TERRENO	-16.80	-8.78	-6.16	-5.00	0.00	0.00	1.92	2.44	8.39	10.54	13.88	14.80	16.76
PARZIALI TERRENO	8.02	2.62	6.16	0.00	1.92	0.52	5.95	2.15	3.34	0.92	1.96	0.04	
QUOTE TERRENO	101.07	100.81	100.74	100.00	100.00	100.56	100.50	100.65	100.95	101.02	101.20	101.20	101.34
PROGRESSIVE PROGETTO			-5.90	-5.50	-4.80	-4.00	-3.50	0.00	3.50	4.00	4.80	5.30	5.85
PARZIALI PROGETTO			0.40	0.70	0.80	0.50	3.50	3.50	0.50	0.80	0.50	0.55	
QUOTE PROGETTO			100.00	100.27	100.27	99.92	99.93	100.00	99.93	99.92	100.27	100.27	100.82

PROFILO P-CN1.E

SEZIONE 2.PCN1.E

PROGRESSIVA 20.00

Sterro
C1 9.02 mq.
Fondazione
E1 3.20 mq.
Usura
a1 8.00 ml.



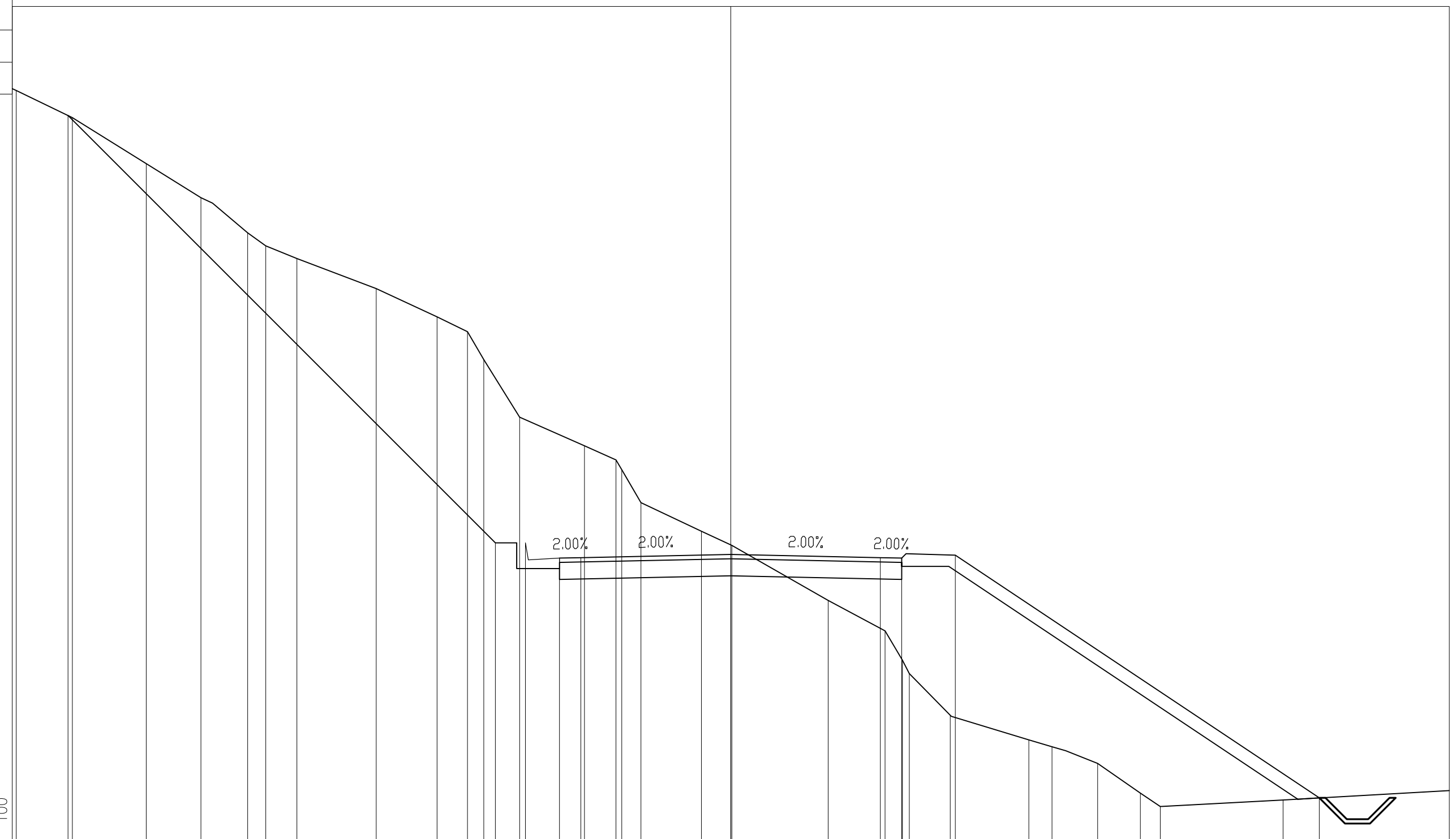
PROGRESSIVE TERRENO	-16.80	-13.67	-12.95	-12.50	-10.06	-8.37	-5.54	-3.92	-2.96	-2.21	-1.54	-0.67	-0.18	1.29	11.56	12.53	12.96	13.87
PARZIALI TERRENO	3.13	0.72	0.45	2.44	1.69	2.83	1.62	0.96	0.75	0.67	0.87	0.49	1.47	10.27	0.97	0.43	0.91	2.93
QUOTE TERRENO	102.12	101.46	101.32	101.23	101.02	101.00	100.86	100.78	100.73	100.70	100.66	100.61	100.59	100.44	101.05	101.12	101.13	101.13
PROGRESSIVE PROGETTO							-5.86	-5.50	-4.80	-4.00	-3.50	0.00	3.50	4.00	4.80	5.30	5.47	
PARZIALI PROGETTO							0.36	0.70	0.80	0.50	3.50	3.50	0.50	0.80	0.50	0.17		
QUOTE PROGETTO							100.88	100.52	100.52	100.17	100.18	100.25	100.18	100.17	100.52	100.52	100.69	

PROFILO P-CN1.E

SEZIONE 6.PCN1.E

PROGRESSIVA 100.00

Rilevato
 B1 22.18 mq.
 Sterro
 C1 34.34 mq.
 Vegetale
 D1 3.33 mq.
 Fondazione
 E1 3.20 mq.
 Usura
 a1 8.00 ml.



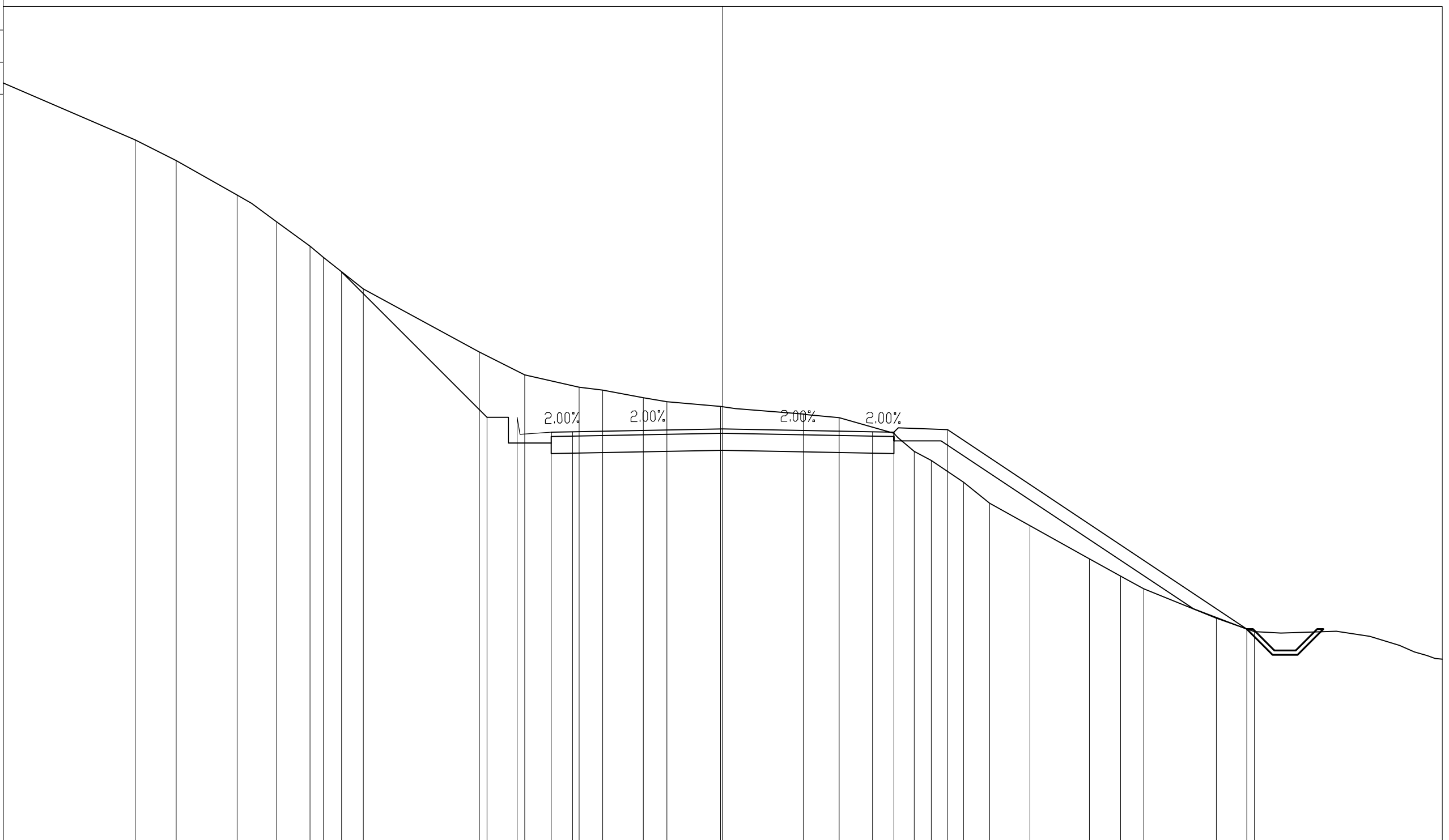
99

100
 100

PROGRESSIVE TERRENO	-16.70	-15.39	-13.67	-12.38	-11.30	-10.87	-10.14	-8.29	-6.86	-6.16	-5.77	-4.93	-3.42	-2.69	-2.55	-2.10	-0.68	0.03	2.28	3.61	4.02	4.18	5.13	6.97	7.51	8.58	9.58	10.04	12.92	13.76
PARZIALI TERRENO	1.41	1.72	1.29	1.08	0.43	0.73	1.85	1.43	0.70	0.39	0.84	1.51	0.73	0.14	0.45	1.42	0.71	2.25	1.33	0.41	0.16	0.95	1.84	0.54	1.07	1.00	0.46	2.88	3.88	
QUOTE TERRENO	116.64	116.00	114.93	114.13	113.31	113.00	112.71	112.00	111.35	111.00	110.34	109.00	108.33	108.00	107.77	107.00	106.33	106.00	104.72	104.00	103.31	103.00	102.03	101.46	101.29	100.90	100.21	99.89	100.05	100.09
PROGRESSIVE PROGETTO		-15.50							-5.50	-4.80	-4.00	-3.50				0.00				3.50	4.00	5.25							13.76	
PARZIALI PROGETTO					10.00				0.70	0.80	0.50		3.50			3.50				0.50	1.25					8.51				
QUOTE PROGETTO	116.05							106.05	105.70	105.71		105.78								105.71	105.70	105.77								

PROFILO P-CN1.E
 SEZIONE 7.PCN1.E
 PROGRESSIVA 120.00

Rilevato
 B1 3.00 mq.
 Sterro C1 13.02 mq.
 Vegetale D1 2.65 mq.
 Fondazione E1 3.20 mq.
 Usura a1 8.00 ml.



PROGRESSIVE TERRENO	115.80	114.72	114.76	113.34	110.41	9.64	9.32	8.39	5.68	4.62	3.35	2.80	1.85	1.30	0.05	1.88	2.72	4.00	4.47	4.87	5.63	6.24	7.17	8.57	9.29	9.83	11.52	12.41
PARZIALI TERRENO	3.08	0.96	1.42	0.93	0.77	0.32	0.93	2.71	1.06	1.27	0.55	0.95	0.55	1.25	1.93	0.84	1.28	0.47	0.40	0.76	0.61	0.93	1.40	0.72	0.54	1.69	0.89	
QUOTE TERRENO	115.82	114.48	114.00	113.20	112.57	112.00	111.74	111.00	109.53	109.00	108.71	108.64	108.47	108.37	108.26	108.08	108.00	107.64	107.21	107.00	106.49	106.00	105.48	104.71	104.30	104.00	103.31	103.00
PROGRESSIVE PROGETTO							8.90		5.50	4.80	4.00	3.50		0.00				3.50	4.00		5.25						12.24	
PARZIALI PROGETTO							3.40		0.70	0.80	0.50		3.50		3.50			0.50	1.25					6.99				
QUOTE PROGETTO							111.40		108.01	108.01	107.66	107.67		107.74				107.67	107.66		107.72						103.06	

PROFILO P-CN1.E

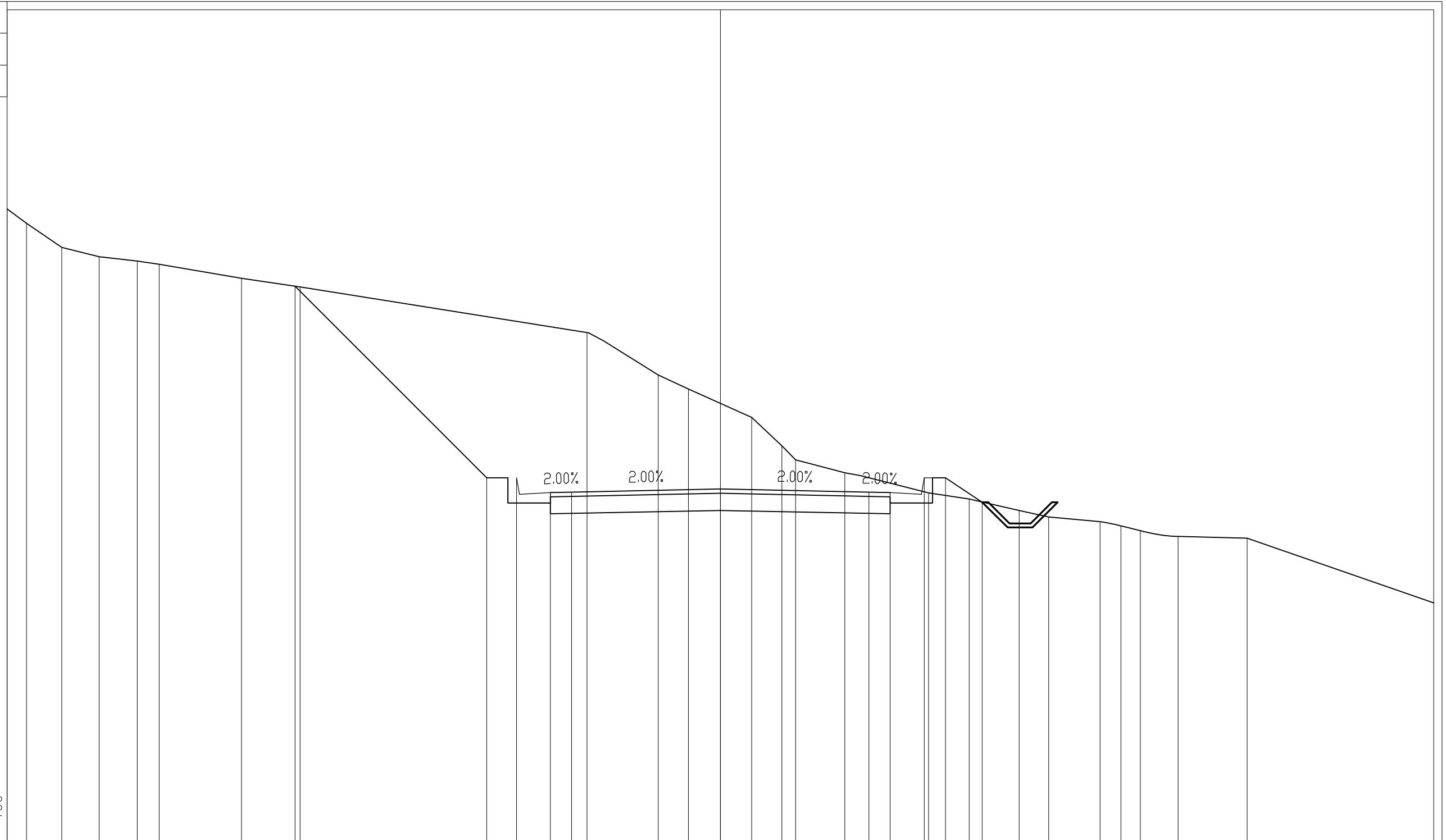
SEZIONE 8.PCN1.E

PROGRESSIVA 140.00

Rilevato
 B1 0.29 mq.
 Sterro
 C1 34.88 mq.
 Fondazione
 E1 3.20 mq.
 Usura
 a1 8.00 ml.

100
 100

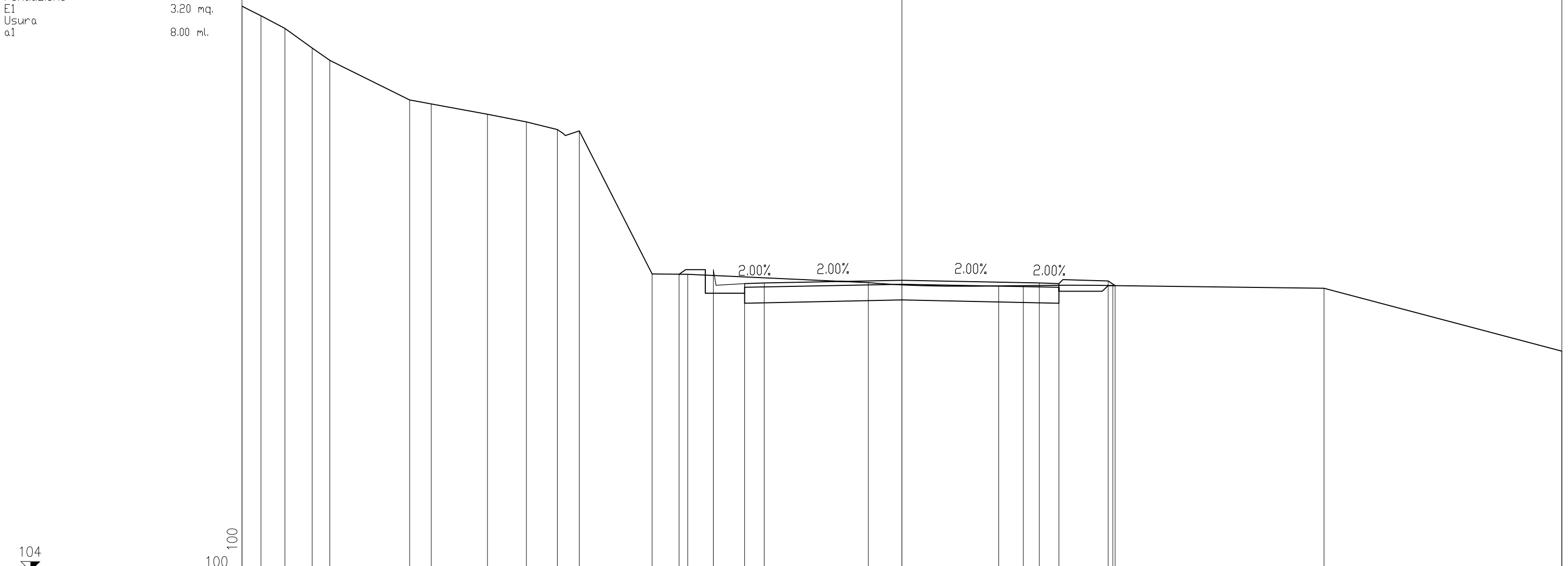
102



PROGRESSIVE TERRENO	146.86	146.34	145.51	144.63	143.73	143.22	141.27	139.90	138.14	137.46	136.75	135.74	134.45	133.77	132.93	131.49	130.86	129.74	128.73	127.94	127.43	126.89	126.19	125.40	
PARZIALI TERRENO	0.46	0.83	0.88	0.90	0.51	1.95	1.37	6.76	1.68	0.71	1.49	0.71	0.32	1.16	1.98	0.95	1.18	0.69	1.21	0.49	0.46	0.20	0.69	1.62	4.40
QUOTE TERRENO	116.91	116.57	116.00	115.79	115.68	115.61	115.28	115.07	114.00	113.00	112.66	112.00	111.33	111.00	110.69	110.22	110.07	109.80	109.65	109.54	109.44	109.33	109.19	109.16	
PROGRESSIVE PROGETTO							110.01		110.50	110.80	110.40	110.30	110.00		110.30	110.50	110.80	110.00	110.17						
PARZIALI PROGETTO							4.51		0.70	0.80	0.50	3.50		3.50	0.50	0.80	0.50	0.87							
QUOTE PROGETTO							115.09		110.56	110.58	110.23	110.24	110.31		110.24	110.23	110.58	110.58	110.00						

PROFILO P-CN1.E
 SEZIONE 9.PCN1.E
 PROGRESSIVA 160.00

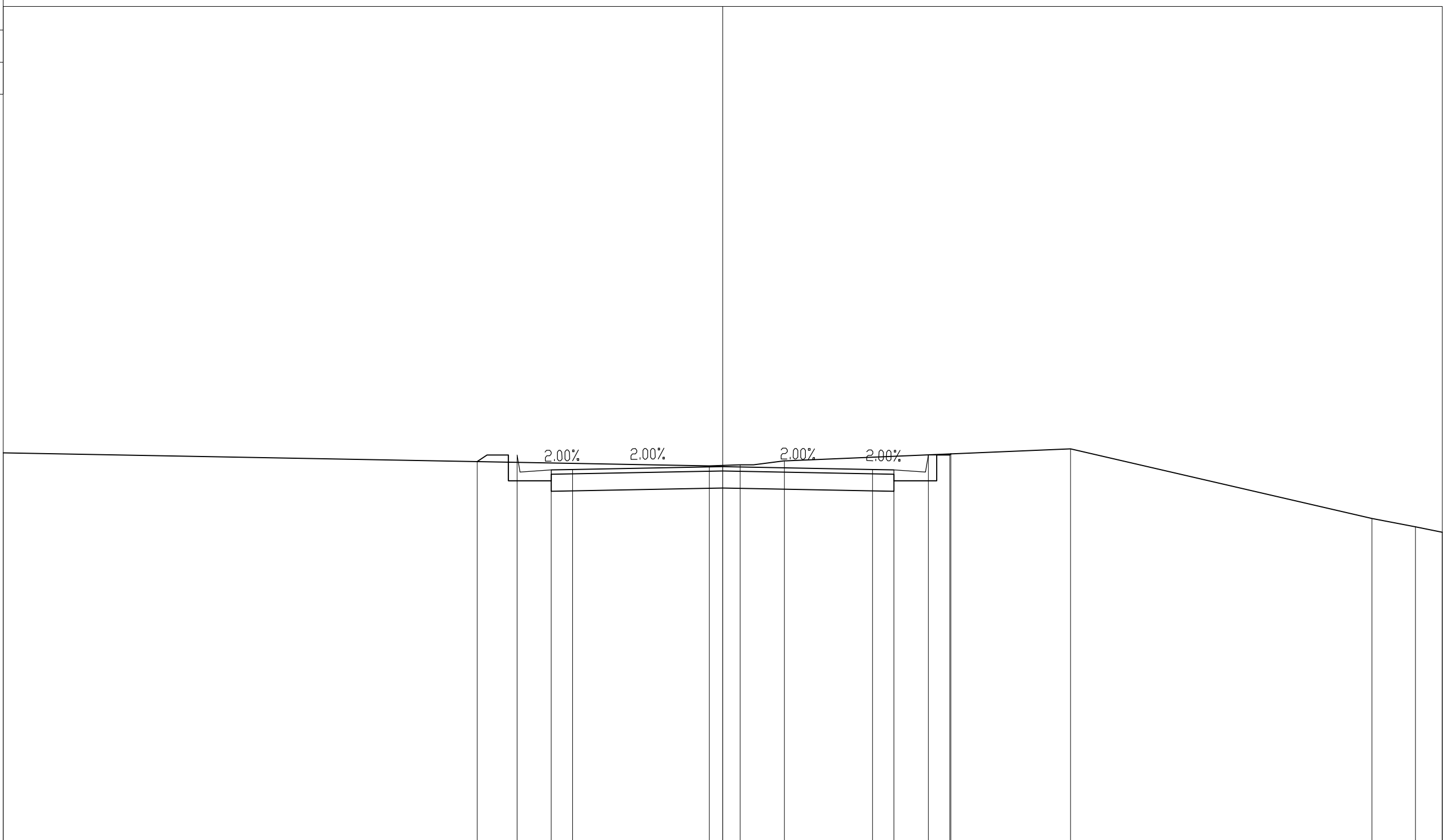
Rilevato
 B1 0.07 mq.
 Sterro C1 4.41 mq.
 Vegetale D1 0.35 mq.
 Fondazione E1 3.20 mq.
 Usura a1 8.00 ml.



PROGRESSIVE TERRENO	116.38	118.14	117.82	117.32	117.00	116.00	115.90	115.63	115.44	115.24	115.21	111.57	111.56	111.35	111.26	111.27	111.27	111.21	109.60	
PARZIALI TERRENO	0.49	0.60	0.70	0.44	2.04	0.55	1.43	0.99	0.79	0.56	1.85	0.91	4.60	3.31	0.63	2.28	5.37	10.74	6.06	
QUOTE TERRENO	116.38	118.14	117.82	117.32	117.00	116.00	115.90	115.63	115.44	115.24	115.21	111.57	111.56	111.35	111.26	111.27	111.27	111.21	109.60	
PROGRESSIVE PROGETTO												-5.67	-4.80	-4.00	-3.50	0.00	3.50	4.00	5.25	5.43
PARZIALI PROGETTO												0.87	0.80	0.50	3.50	3.50	0.50	1.25	0.18	0.18
QUOTE PROGETTO												111.56	111.67	111.33	111.34	111.41	111.34	111.33	111.39	111.27

PROFILO P-CN1.E
 SEZIONE 10.PCN1.E
 PROGRESSIVA 180.00

Rilevato
 B1 0.10 mq.
 Sterro
 C1 6.15 mq.
 Fondazione
 E1 3.20 mq.
 Usura
 a1 8.00 ml.

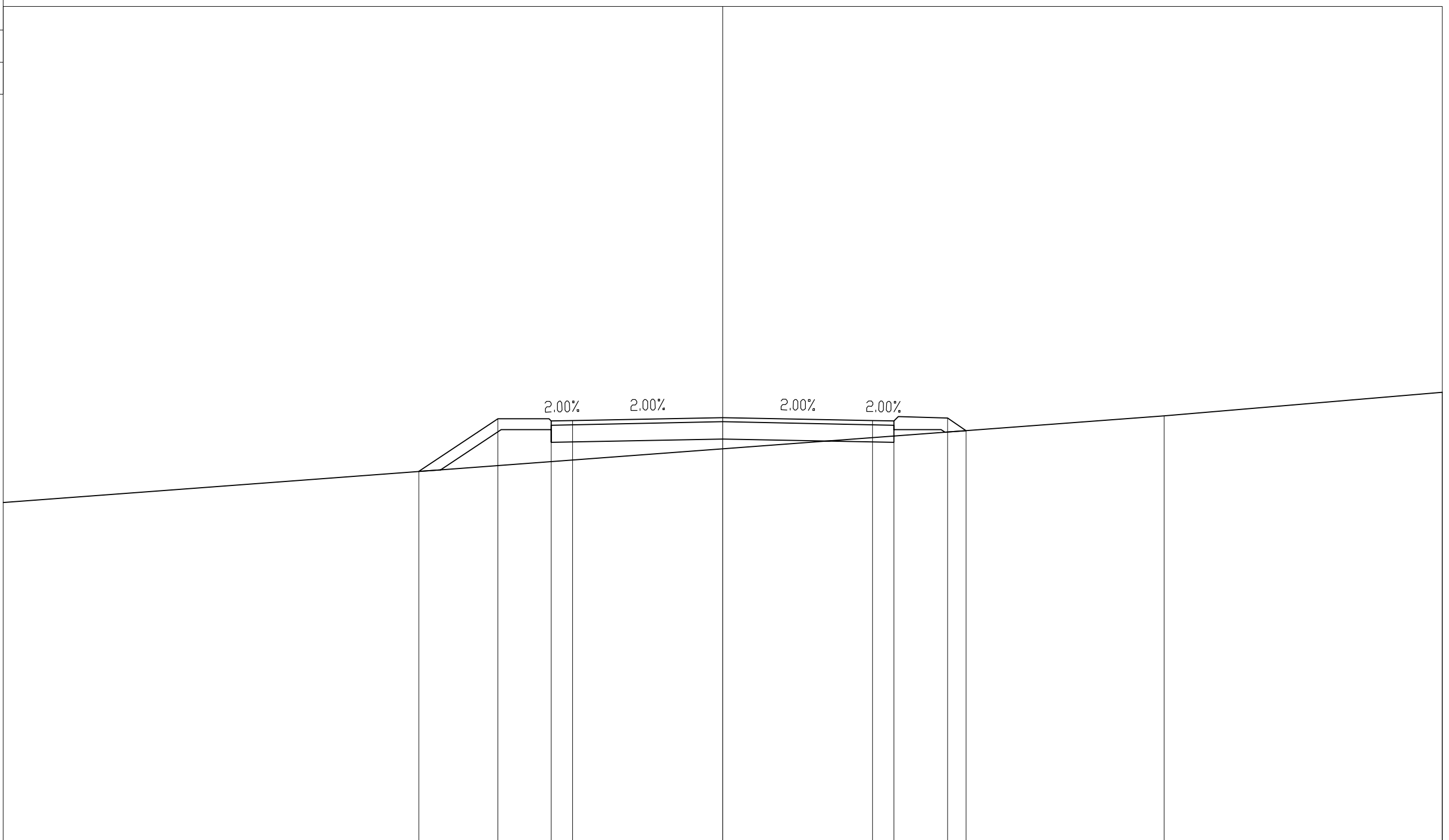


104
 100
 100

PROGRESSIVE TERRENO						0.31	0.41	1.44		8.12		15.15	16.18	16.80
PARZIALI TERRENO		16.49				0.72	1.03		6.68		7.03		1.03	0.62
QUOTE TERRENO	113.18					112.87	112.89	112.99		113.27		111.64	111.44	111.32
PROGRESSIVE PROGETTO			-5.73	-4.80	-4.00	-3.50	0.00		3.50	4.00	4.80	5.30	5.33	
PARZIALI PROGETTO			0.93	0.80	0.50	3.50		3.50	0.50	0.80	0.50	0.03		
QUOTE PROGETTO			112.97	113.12	112.77	112.78	112.85		112.78	112.77	113.12	113.12	113.15	

PROFILO P-CN1.E
 SEZIONE 12.PCN1.E
 PROGRESSIVA 201.23

Rilevato
 B1 3.14 mq.
 B2 0.12 mq.
 Totale: 3.26 mq.
 Sterro
 C1 0.12 mq.
 Vegetale
 D1 0.44 mq.
 D2 0.80 mq.
 Totale: 1.24 mq.
 Fondazione
 E1 3.20 mq.
 Usura
 a1 8.00 ml.



PROGRESSIVE TERRENO										10.31	16.80
PARZIALI TERRENO											6.49
QUOTE TERRENO										115.04	115.59
PROGRESSIVE PROGETTO		-7.10	-5.25	-4.00	-3.50	0.00		3.50	4.00	5.25	5.69
PARZIALI PROGETTO		1.85	1.25	0.50	3.50	3.50	0.50	1.25	0.44		
QUOTE PROGETTO	113.74	114.97	114.92	114.93	115.00		114.93	114.92	114.99	114.69	