

S.S. 67 "Tosco Romagnola"
Lavori di adeguamento della S.S. 67 nel tratto tra la
località S.Francesco in Comune di Pelago e l'abitato di
Dicomano.

Variante di Rufina (FI) – LOTTI 2A e 2B

PROGETTO DEFINITIVO

cod. FI462

PROGETTAZIONE:
RAGGRUPPAMENTO
TEMPORANEO PROGETTISTI

MANDATARIA:

MANDANTI:



sinergo



IL RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI
SPECIALISTICHE:

Ing. Riccardo Formichi – Società Pro Iter Srl
Ordine Ingegneri Provincia di Milano n. 18045

IL GEOLOGO:

Geol. Massimo Mezzanzanica – Società Pro Iter Srl
Ordine Geologi della Lombardia n. 762

IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:

Ing. Massimo Mangini – Società Erre.Vi.A Srl
Ordine Ingegneri Provincia di Varese n. 1502

VISTO: IL RESP. DEL PROCEDIMENTO:

Ing. Francesco Pisani

PROTOCOLLO:

DATA:

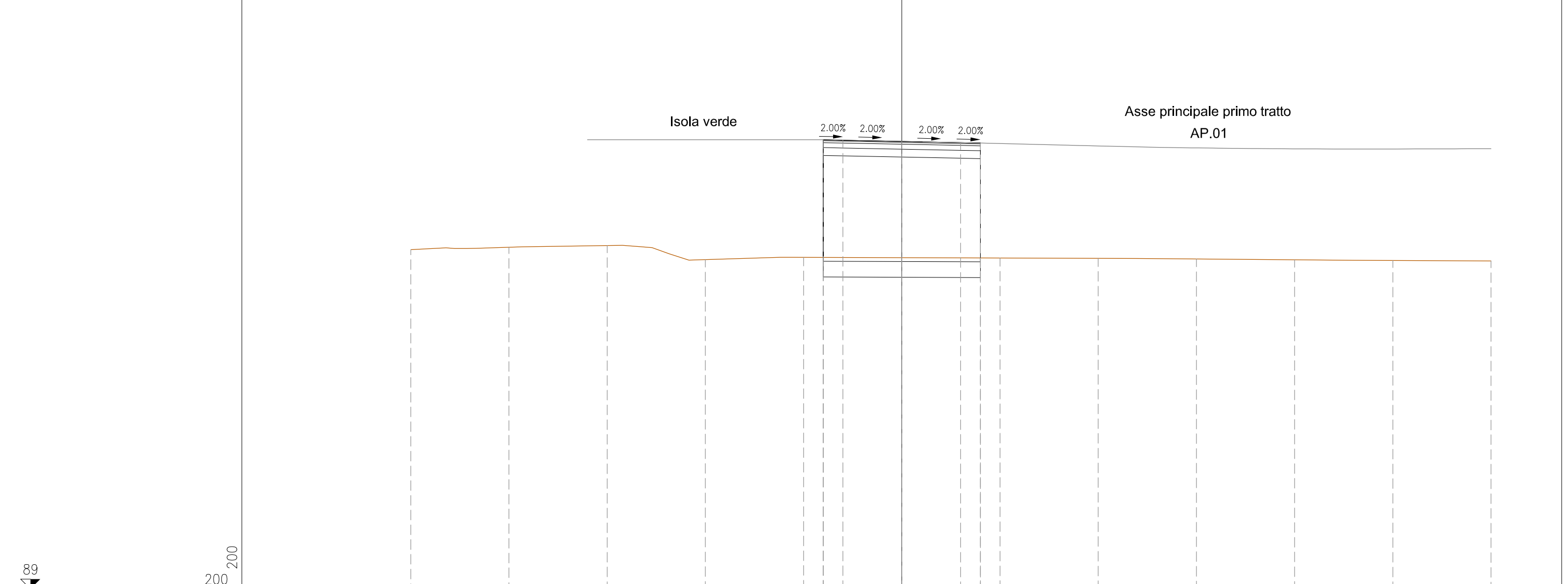


**ROTATORIA 1 SS67 Masseto e rami di raccordo SS67
PROGETTO STRADALE
ROTATORIA 1 SS67 Masseto: PROGETTO STRADALE/TRACCIAMENTI
Sezioni trasversali**

CODICE PROGETTO		NOME FILE		REVISIONE	SCALA
PROGETTO	LIV. PROG.	V01-SV01-TRA-SZ01-A.pdf			
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D					
C					
B					
A	EMISSIONE	10/2023	Ing. Procopio	Ing. Luppi	Ing. Formichi
REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO

ROTATORIA 1

PROFILO Rot.1		
SEZIONE R1-1		
PROGRESSIVA 0.00		
BA BASE	m ²	2.00
BI BINDER	m ²	0.80
BO BONIFICA	m ²	6.40
RI RILEVATO	m ²	41.00
U USURA	m ²	0.40
g GEOTESSUTO	m	8.00
sc SCOTICO	m	8.00



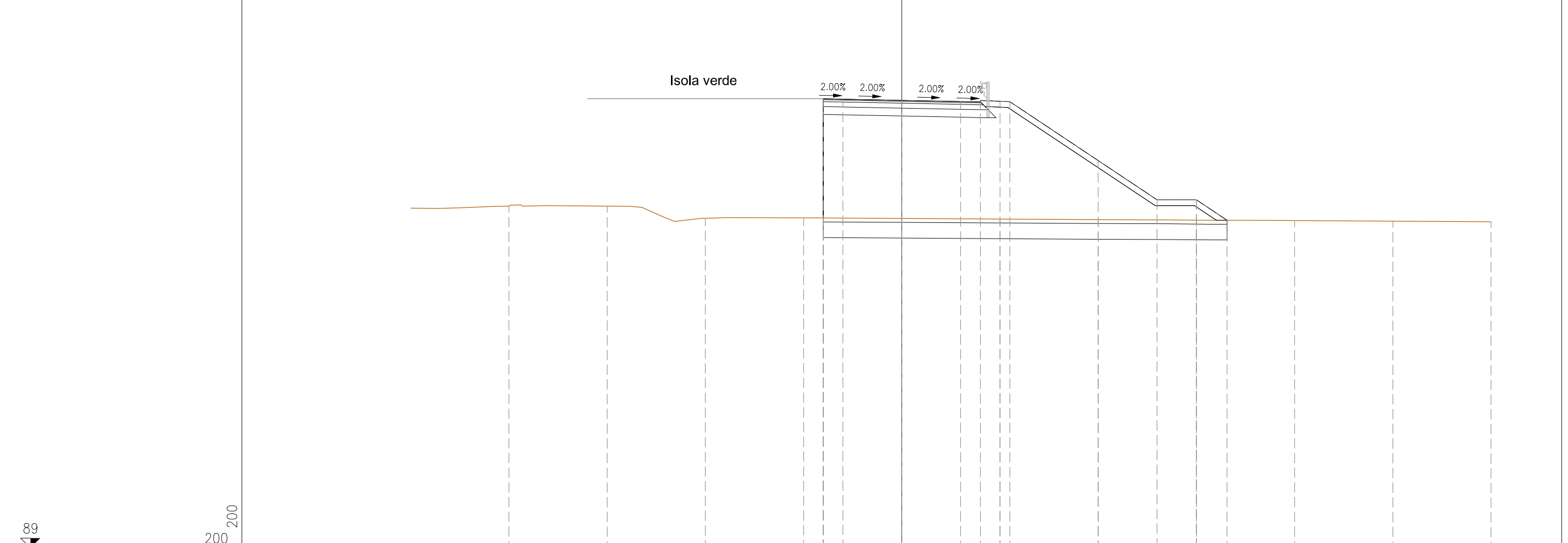
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	106.27	106.40	106.48	105.77	105.89	105.87	105.85	105.83	105.80	105.76	105.72	105.70
PROGRESSIVE PROGETTO					-4.00	0.00	3.00					
PARZIALI PROGETTO					1.00	3.00	1.00					
QUOTE PROGETTO					111.87	111.79	111.73	111.71				

PROFILO Rot.1

SEZIONE R1-2

PROGRESSIVA 20.00

BA BASE	m ²	2.07
BI BINDER	m ²	0.81
BO BONIFICA	m ²	16.44
RI RILEVATO	m ²	75.25
SV SCAVO	m ²	20.55
U USURA	m ²	0.40
VG VEGETALE	m ²	4.23
e SEMINA	m	14.38
g GEOTESSUTO	m	20.56
sc SCOTICO	m	20.56



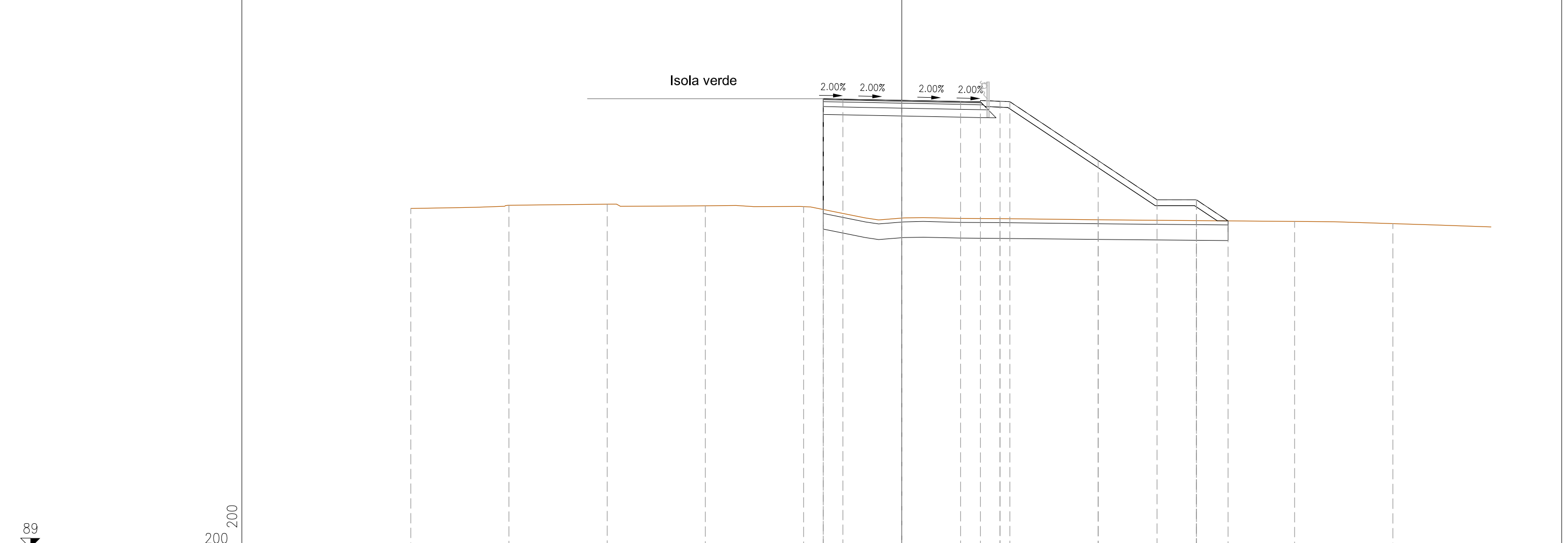
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00				
QUOTE TERRENO	106.42	106.40	105.78	105.80	105.77	105.74	105.71	105.69	105.66	105.63	105.61				
PROGRESSIVE PROGETTO				-4.00	-4.00	-3.00	0.00	3.00	4.00	5.00	5.50	10.00	13.00	15.00	16.56
PARZIALI PROGETTO				1.00	3.00		3.00	5.00	1.00	1.50	5.00	7.50	5.00	2.00	1.56
QUOTE PROGETTO				105.80	111.87	111.85	111.79	111.73	111.71	111.74	111.72	108.72	106.72	106.72	105.68

PROFILO Rot.1

SEZIONE R1-3

PROGRESSIVA 40.00

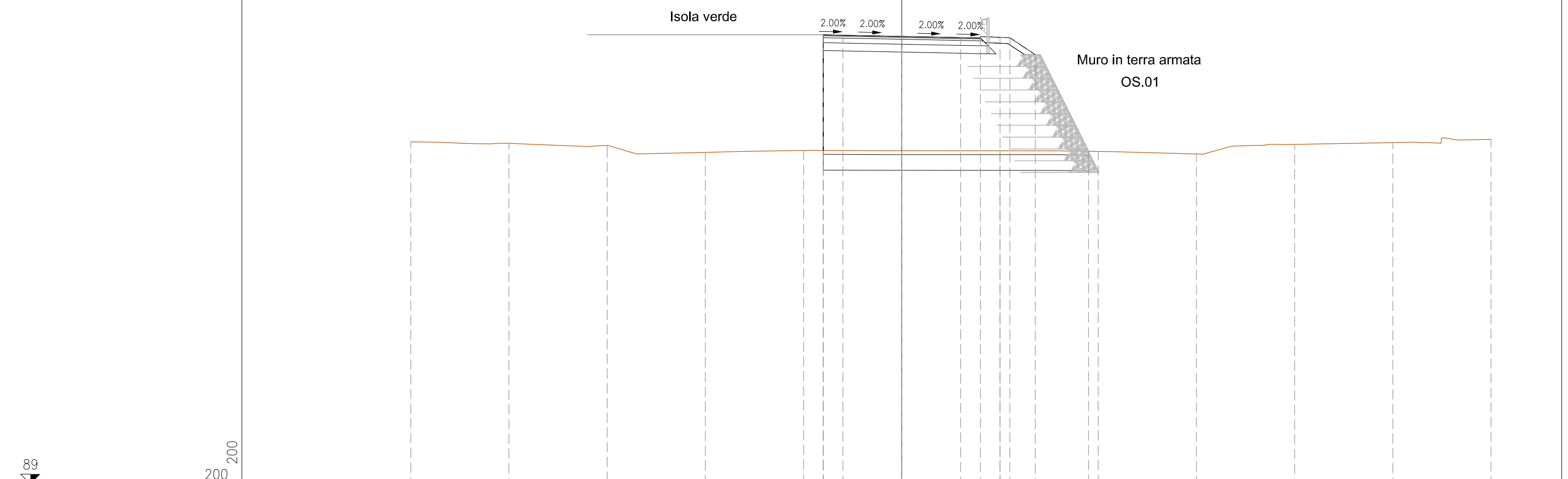
BA BASE	m ²	2.07
BI BINDER	m ²	0.81
BO BONIFICA	m ²	16.49
RI RILEVATO	m ²	74.84
SV SCAVO	m ²	20.63
U USURA	m ²	0.40
VG VEGETALE	m ²	4.26
e SEMINA	m	14.44
g GEOTESSUTO	m	20.66
sc SCOTICO	m	20.66



PROGRESSIVE TERRENO	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00					
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00					
QUOTE TERRENO	106.28	106.45	106.50	106.42	106.38	105.79	105.76	105.70	105.66	105.62	105.51					
PROGRESSIVE PROGETTO					-4.00	0.00	3.00	4.00	5.00	10.00	13.00	15.00	16.61			
PARZIALI PROGETTO					1.00	3.00	3.00	5.00	1.00	1.50	5.00	7.50	5.00	2.00	1.61	
QUOTE PROGETTO					106.23	111.87	111.85	111.79	111.73	111.71	111.74	111.72	108.72	106.72	106.72	105.65

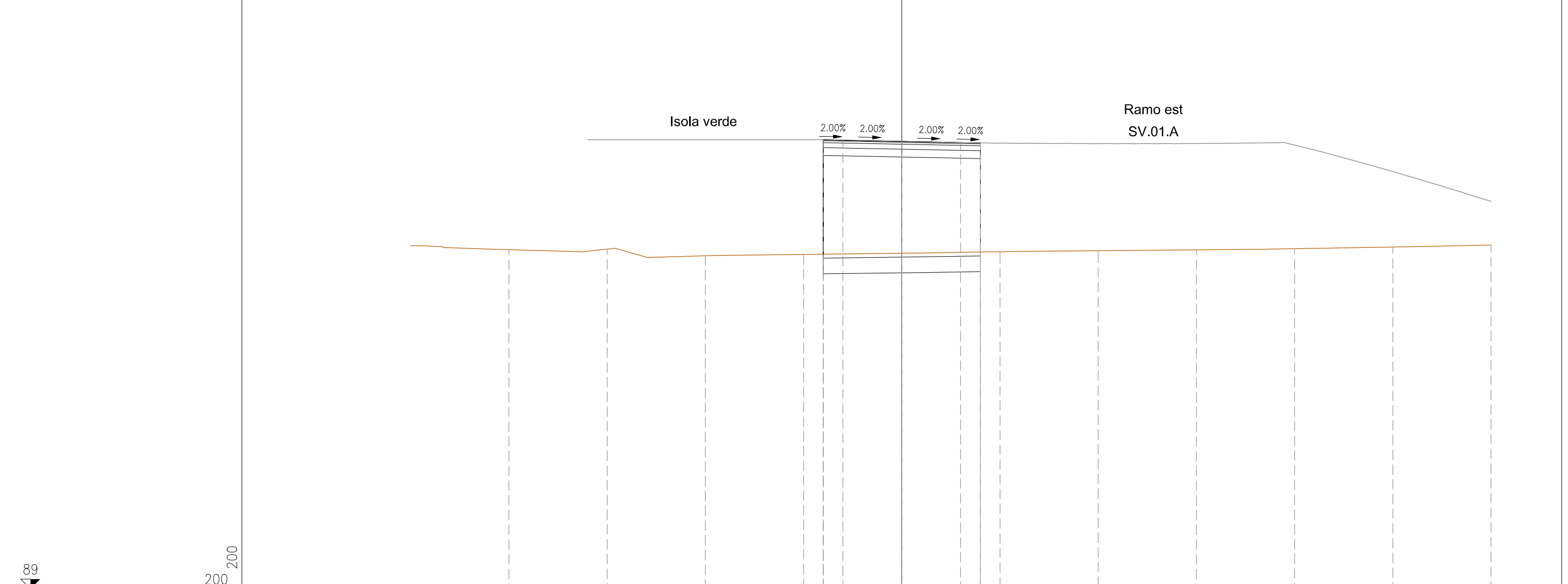
PROFILO Rot.1
 SEZIONE R1-5
 PROGRESSIVA 80.00

BA BASE	m ²	2.07
BI BINDER	m ²	0.81
BO BONIFICA	m ²	10.81
RI RILEVATO	m ²	61.82
SV SCAVO	m ²	13.51
U USURA	m ²	0.40
VG VEGETALE	m ²	0.79
e SEMINA	m	3.06
g GEOTESSUTO	m	13.51
sc SCOTICO	m	13.51
ta TERRA ARMATA	m	5.74



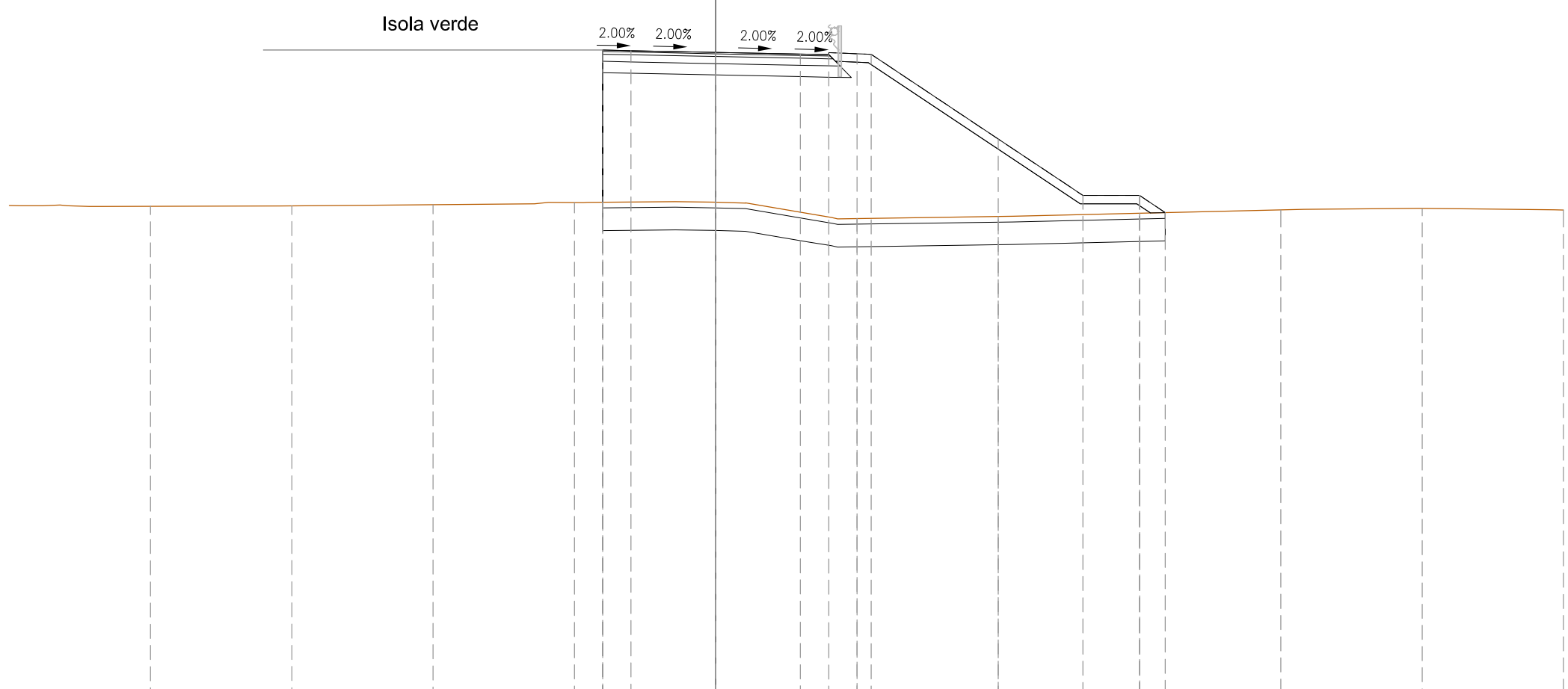
PROGRESSIVE TERRENO	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	106.42	106.35	106.24	105.89	105.98	105.97	105.97	105.93	105.80	106.29	106.38	106.54
PROGRESSIVE PROGETTO					-4.00	0.00	3.00	4.00	5.00	6.80	9.51	
PARZIALI PROGETTO					1.00	3.00	3.00	5.00	1.00	1.50	1.30	2.71
QUOTE PROGETTO					105.98	111.79	111.73	111.71	111.74	110.85	105.94	

PROFILO Rot.1		
SEZIONE R1-6		
PROGRESSIVA 100.00		
BA BASE	m ²	2.00
BI BINDER	m ²	0.80
BO BONIFICA	m ²	6.40
RI RILEVATO	m ²	39.13
U USURA	m ²	0.40
g GEOTESSUTO	m	8.00
sc SCOTICO	m	8.00



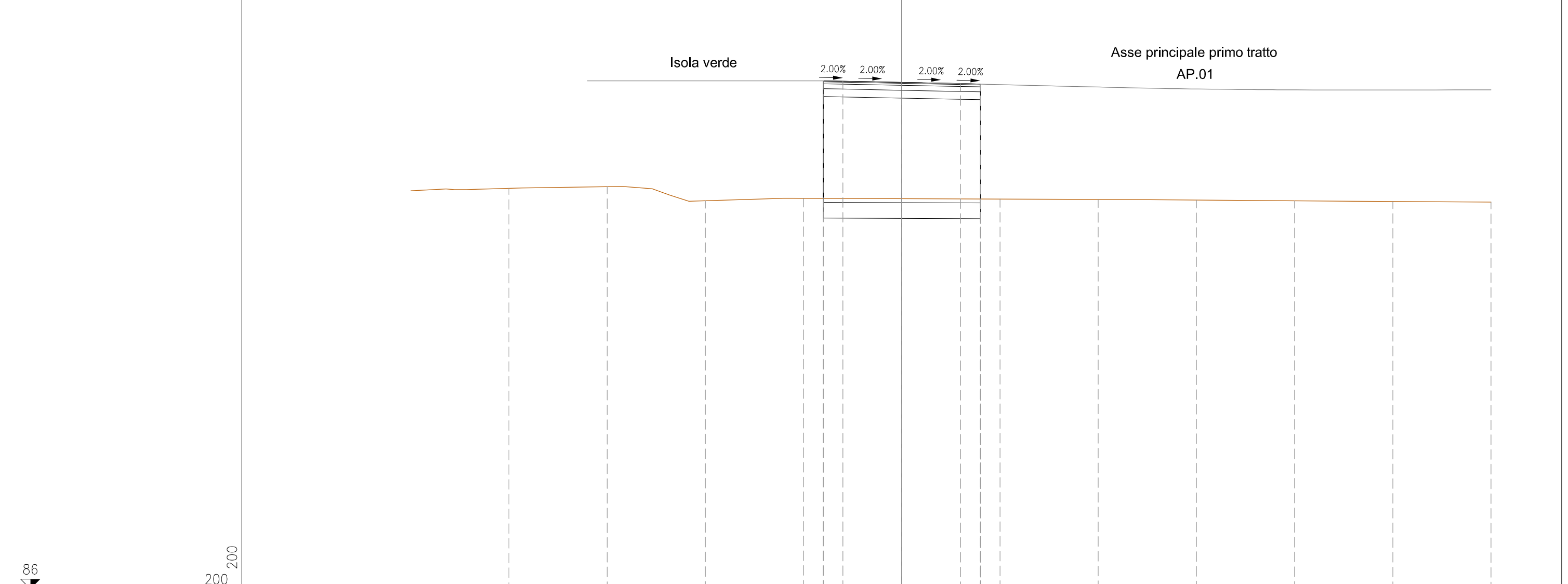
PROGRESSIVE TERRENO	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	106.27	106.31	105.96	106.03	106.09	106.17	106.22	106.26	106.32	106.41	106.51
PROGRESSIVE PROGETTO				-4.00	0.00	3.00					
PARZIALI PROGETTO				1.00	3.00	1.00					
QUOTE PROGETTO				106.05	111.79	111.73					
				111.87		111.71					
				111.85		106.15					

PROFILO Rot.1		
SEZIONE R1-7		
PROGRESSIVA 120.00		
BA BASE	m ²	2.07
BI BINDER	m ²	0.81
BO BONIFICA	m ²	15.93
RI RILEVATO	m ²	67.18
SV SCAVO	m ²	19.52
U USURA	m ²	0.40
VG VEGETALE	m ²	4.01
e SEMINA	m	13.61
g GEOTESSUTO	m	19.95
sc SCOTICO	m	19.95



PROGRESSIVE TERRENO	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00				
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00				
QUOTE TERRENO	106.34	106.35	106.39	106.47	106.48	105.91	105.98	106.09	106.21	106.26	106.21				
PROGRESSIVE PROGETTO				-4.00	-4.00	-3.00	0.00	3.00	4.00	5.00	5.50	10.00	13.00	15.00	15.91
PARZIALI PROGETTO				1.00	3.00	3.00	5.00	1.00	1.50	5.00	7.50	5.00	2.00	0.91	
QUOTE PROGETTO				106.48	111.87	111.85	111.79	111.73	111.71	111.74	111.72	108.72	106.72	106.72	106.11

PROFILO Rot.1		
SEZIONE R1-8		
PROGRESSIVA 138.22		
BA BASE	m ²	2.00
BI BINDER	m ²	0.80
BO BONIFICA	m ²	6.40
RI RILEVATO	m ²	41.00
U USURA	m ²	0.40
g GEOTESSUTO	m	8.00
sc SCOTICO	m	8.00



PROGRESSIVE TERRENO	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	106.40	106.48	105.77	105.89	105.87	105.85	105.83	105.80	105.76	105.72	105.70
PROGRESSIVE PROGETTO				-4.00	0.00	3.00	4.00				
PARZIALI PROGETTO				1.00	3.00	3.00	1.00				
QUOTE PROGETTO				105.88	111.79	111.73	105.85				

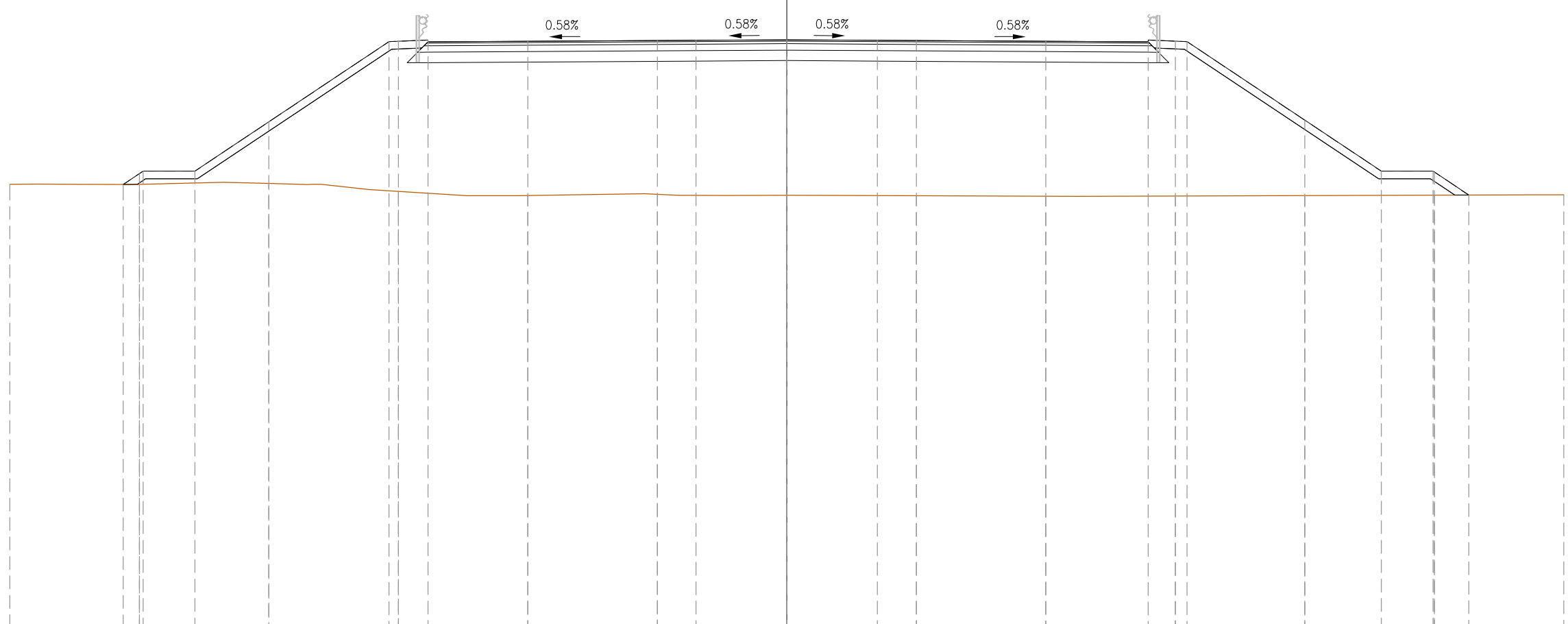
RAMO OVEST

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-1

PROGRESSIVA 22.00

ROTATORIA 1
SV.01.D



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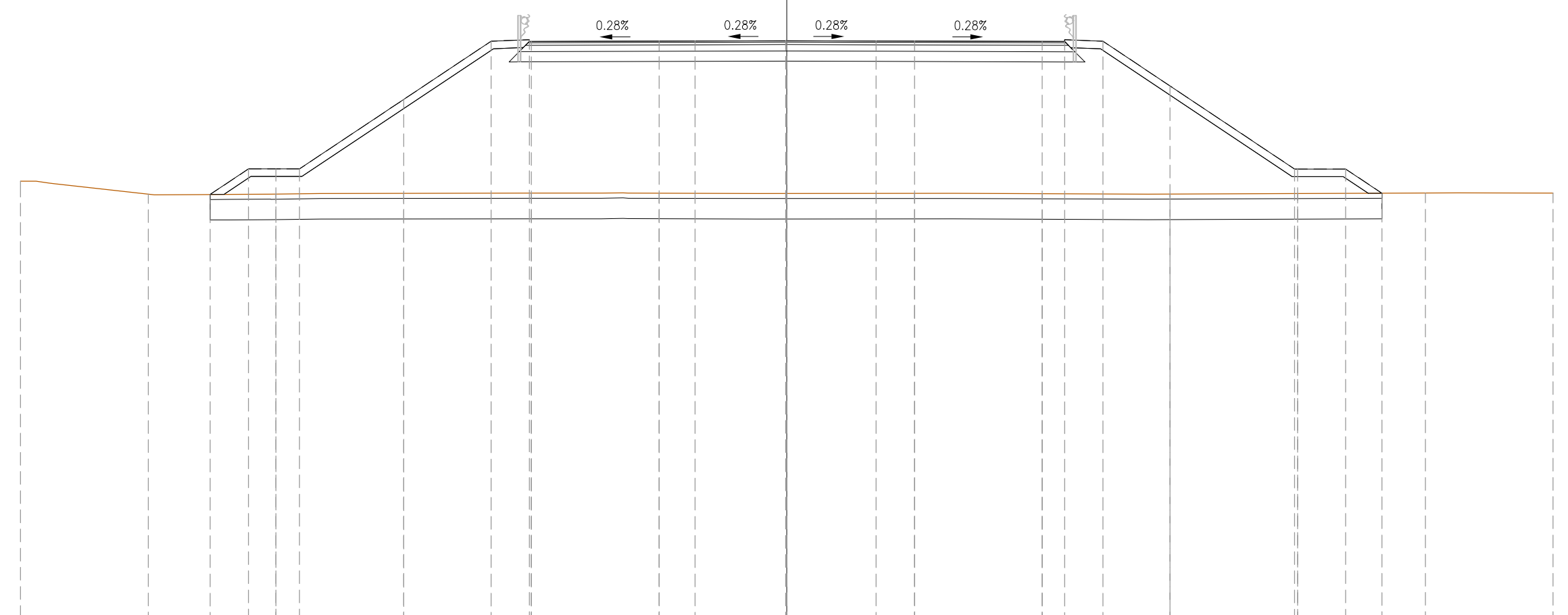
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00							
QUOTE TERRENO	106.22	106.22	106.25	105.94	105.78	105.83	105.79	105.77	105.75	105.76	105.78	105.80	105.81							
PROGRESSIVE PROGETTO		-25.62	-22.86	-20.00	-15.38	-13.86	-10.00	-5.00	-3.51	0.00	3.50	5.00	10.00	13.95	15.00	15.45	20.00	22.95	24.95	26.33
PARZIALI PROGETTO		0.76	2.00	5.00	7.50	5.00	1.50	5.00	10.35	5.00	5.00	5.00	5.00	5.00	5.00	7.50	5.00	2.00	1.38	
QUOTE PROGETTO	106.21	106.92	106.72	108.62	111.73	111.78	111.73	111.76	111.77	111.79	111.77	111.76	111.73	111.71	111.74	111.72	108.69	106.72	106.69	105.80

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-2

PROGRESSIVA 25.00

BA BASE	m ²	5.37
BI BINDER	m ²	2.12
BO BONIFICA	m ²	36.72
RI RILEVATO	m ²	174.40
SV SCAVO	m ²	46.56
U USURA	m ²	1.04
VG VEGETALE	m ²	8.30
e SEMINA	m	28.53
g GEOTESSUTO	m	45.88
sc SCOTICO	m	45.88



89

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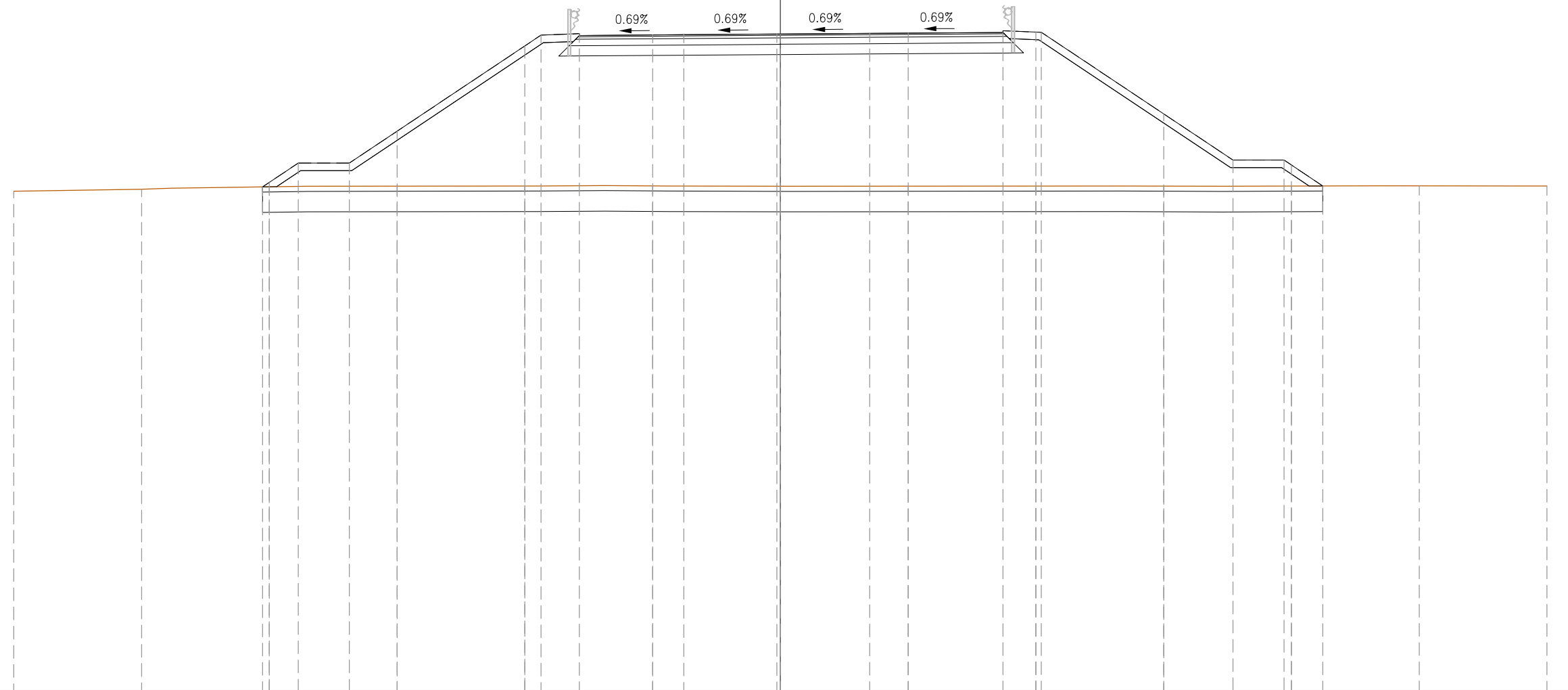
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00							
QUOTE TERRENO	106.23	105.73	105.73	105.76	105.76	105.76	105.75	105.76	105.75	105.73	105.75	105.77	105.77							
PROGRESSIVE PROGETTO		-22.58	-21.08	-20.00	-19.08	-15.00	-11.58	-10.00	-5.00	-3.59	0.00	3.50	5.00	10.00	10.88	12.38	15.00	20.00	21.88	23.30
PARZIALI PROGETTO			1.50	2.00	5.00	7.50	5.00	1.50	5.00	5.00	3.50	5.00	7.50	5.00	2.00	1.42				
QUOTE PROGETTO		105.71	106.71	106.71	106.71	109.43	111.71	111.70	111.72	111.72	111.73	111.72	111.72	111.70	111.70	111.71	109.96	106.71	106.71	105.76

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-3

PROGRESSIVA 28.31

BA BASE	m ²	4.28
BI BINDER	m ²	1.59
BO BONIFICA	m ²	33.19
RI RILEVATO	m ²	151.43
SV SCAVO	m ²	42.07
U USURA	m ²	0.83
VG VEGETALE	m ²	8.25
e SEMINA	m	28.51
g GEOTESSUTO	m	41.49
sc SCOTICO	m	41.49



86

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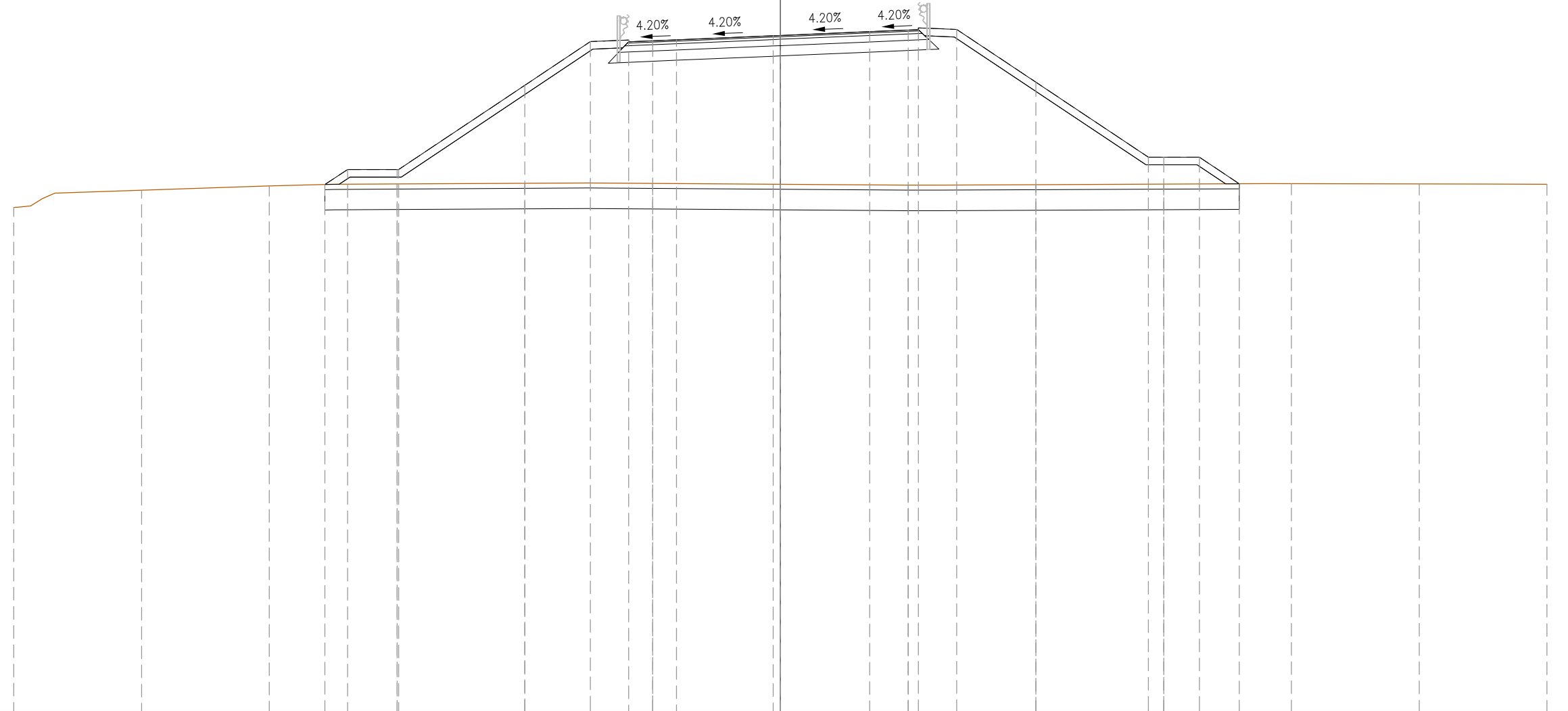
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00							
QUOTE TERRENO	105.52	105.60	105.69	105.72	105.72	105.73	105.71	105.72	105.72	105.72	105.72	105.73	105.72							
PROGRESSIVE PROGETTO			-20.00	-18.87	-16.87	-15.00	-10.00	-9.37	-7.87	-5.00	-3.78	0.00	3.50	5.00	8.71	10.99	15.00	17.71	20.00	21.23
PARZIALI PROGETTO			1.39	2.00	7.50	1.50	5.00	4.09	5.00	3.64	5.00	5.21	5.00	1.50	5.00	7.50	5.00	2.00	1.52	
QUOTE PROGETTO			106.68	106.62	106.62	107.86	111.20	111.62	111.68	111.63	111.64	111.66	111.69	111.70	111.72	111.73	108.54	106.73	106.53	105.72

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-4

PROGRESSIVA 40.00

BA BASE	m ²	2.97
BI BINDER	m ²	1.22
BO BONIFICA	m ²	28.63
RI RILEVATO	m ²	119.43
SV SCAVO	m ²	35.69
U USURA	m ²	0.57
VG VEGETALE	m ²	8.14
e SEMINA	m	27.96
g GEOTESSUTO	m	35.78
sc SCOTICO	m	35.78



85

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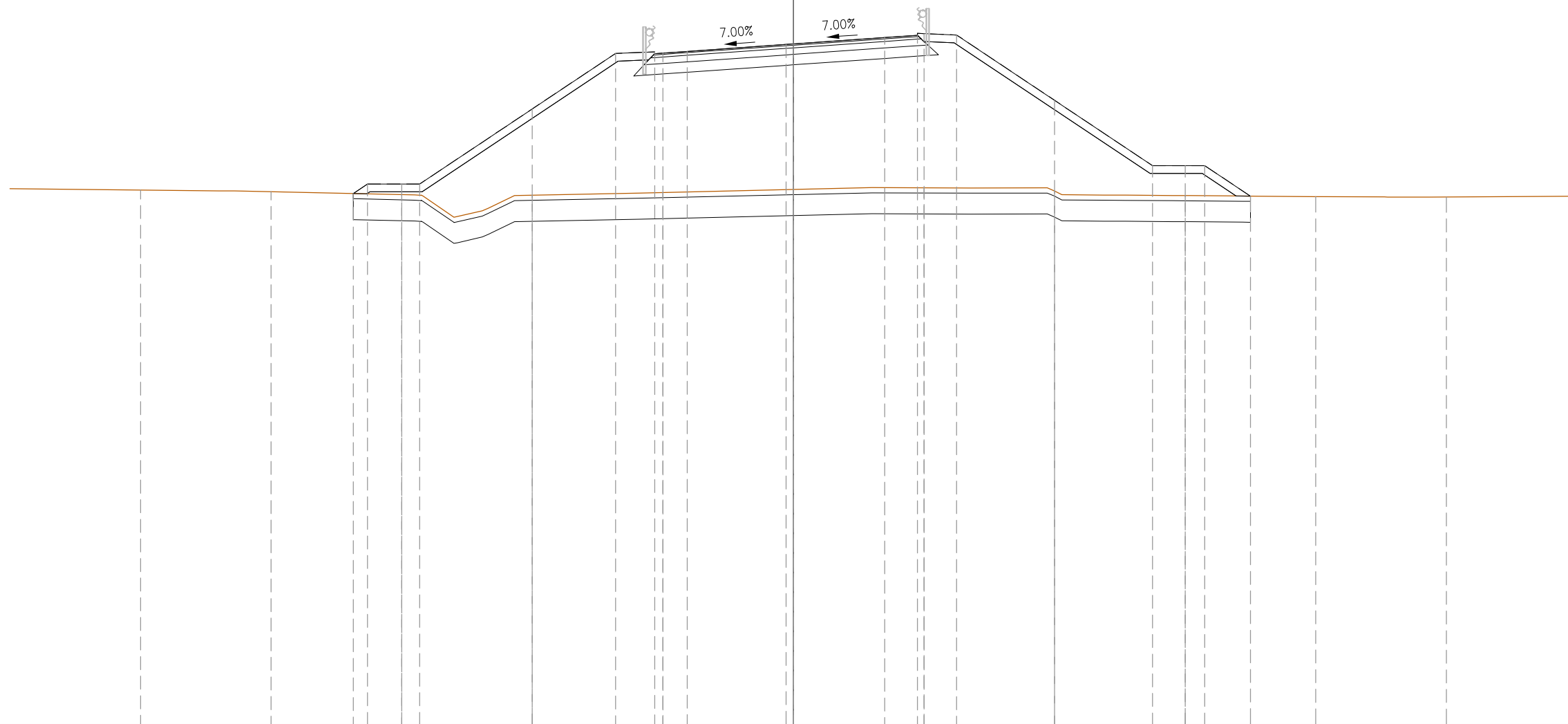
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00									
QUOTE TERRENO	104.70	105.38	105.54	105.62	105.65	105.65	105.61	105.58	105.60	105.62	105.63	105.63	105.61									
PROGRESSIVE PROGETTO				-14.99	-10.00	-7.43	-5.93	-5.00	-4.06	0.00	3.50	5.00	5.40	6.90	10.00	14.40	15.00	16.40	17.96			
PARZIALI PROGETTO				0.89	2.00	5.00	7.50	5.00	1.50	1.87	5.00	3.785	1.90	1.50	5.00	7.50	5.00	2.00	1.56			
QUOTE PROGETTO				105.60	106.19	106.19	106.19	109.48	111.19	111.25	111.22	111.26	111.43	111.58	111.64	111.66	111.67	109.60	106.67	106.67	106.67	105.63

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-5

PROGRESSIVA 60.00

BA BASE	m ²	2.66
BI BINDER	m ²	1.06
BO BONIFICA	m ²	27.44
RI RILEVATO	m ²	109.90
SV SCAVO	m ²	35.96
U USURA	m ²	0.47
VG VEGETALE	m ²	8.02
e SEMINA	m	27.77
g GEOTESSUTO	m	34.82
sc SCOTICO	m	34.82



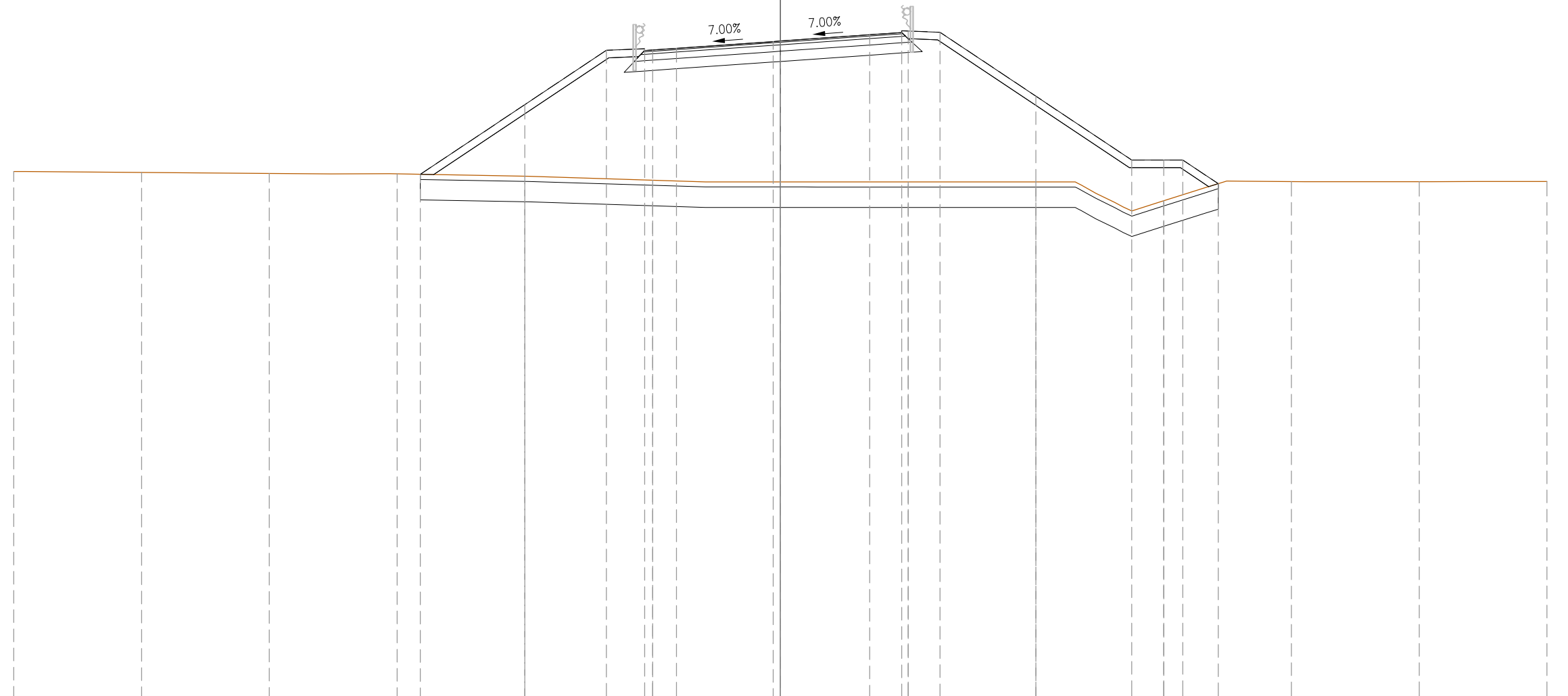
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00							
QUOTE TERRENO	105.44	105.38	105.27	105.25	105.35	105.46	105.53	105.41	105.23	105.19	105.17	105.21							
PROGRESSIVE PROGETTO			-16.85	-10.00	-6.81	-5.31	-4.06	0.00	3.50	6.25	10.00	13.75	15.00	15.75	17.50				
PARZIALI PROGETTO			0.54	2.00	5.00	7.50	5.00	1.50	1.25	5.00	3.785.00	1.25	1.50	5.00	7.50	5.00	2.00	1.75	
QUOTE PROGETTO			105.31	105.67	105.67	105.67	108.54	110.67	110.68	110.75	111.03	111.28	111.36	111.37	108.87	106.37	106.37	106.37	105.21

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-6

PROGRESSIVA 80.00

BA BASE	m ²	2.66
BI BINDER	m ²	1.02
BO BONIFICA	m ²	24.99
RI RILEVATO	m ²	104.72
SV SCAVO	m ²	26.29
U USURA	m ²	0.51
VG VEGETALE	m ²	7.04
e SEMINA	m	24.42
g GEOTESSUTO	m	31.65
sc SCOTICO	m	31.65



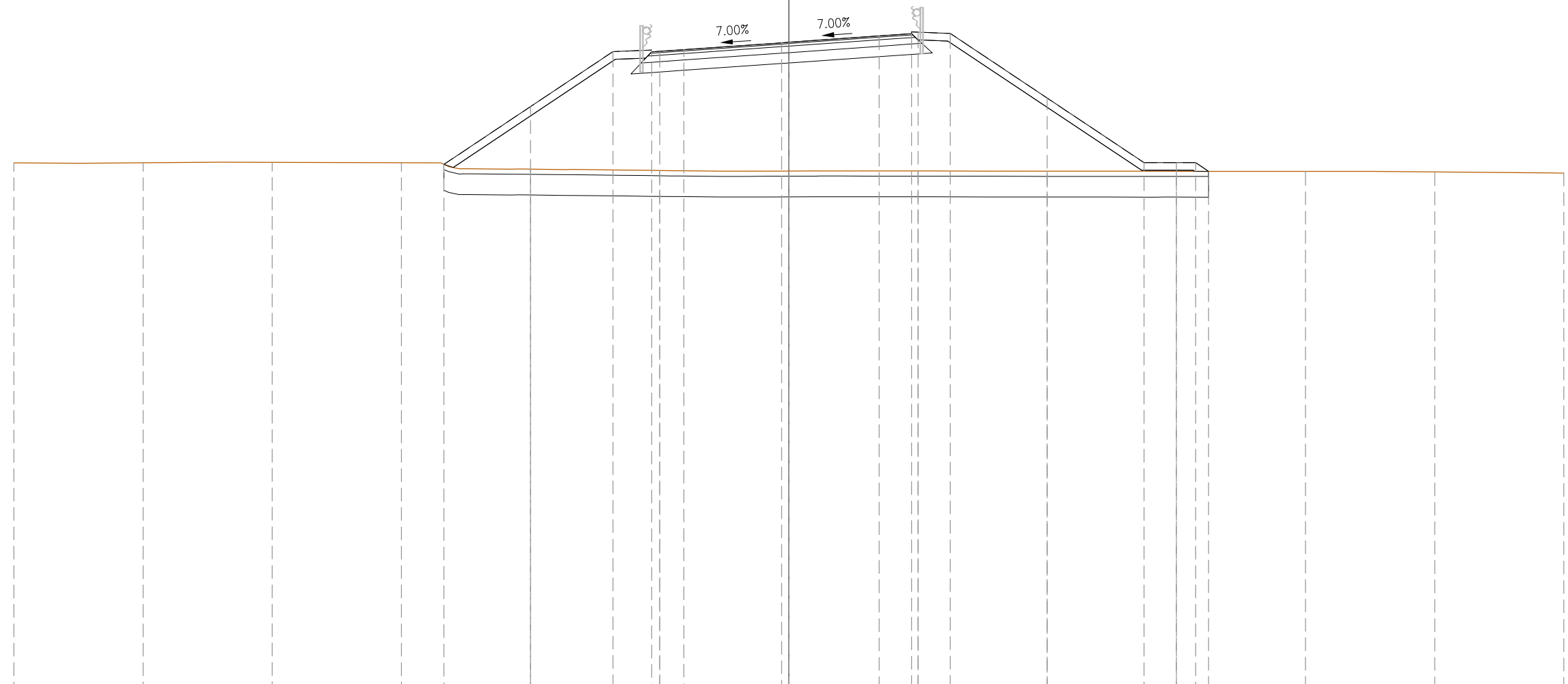
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00				
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00				
QUOTE TERRENO	105.53	105.49	105.45	105.43	105.34	105.19	105.12	105.12	105.12	104.38	105.13	105.13	105.14				
PROGRESSIVE PROGETTO				-14.09	-10.00	-6.81	-5.31	-4.06	-0.28	3.50	4.75	6.25	10.00	13.75	15.00	15.75	17.13
PARZIALI PROGETTO					7.28	5.00	1.50	1.25	5.08	3.785.00	1.25	1.50	5.00	7.50	5.00	2.00	1.38
QUOTE PROGETTO				105.42	108.14	110.27	110.28	110.35	110.63	110.88	111.02	110.97	108.47	105.97	105.97	105.97	105.05

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-7

PROGRESSIVA 100.00

BA BASE	m ²	2.65
BI BINDER	m ²	1.00
BO BONIFICA	m ²	23.67
RI RILEVATO	m ²	87.02
SV SCAVO	m ²	27.59
U USURA	m ²	0.53
VG VEGETALE	m ²	6.47
e SEMINA	m	22.47
g GEOTESSUTO	m	29.63
sc SCOTICO	m	29.63



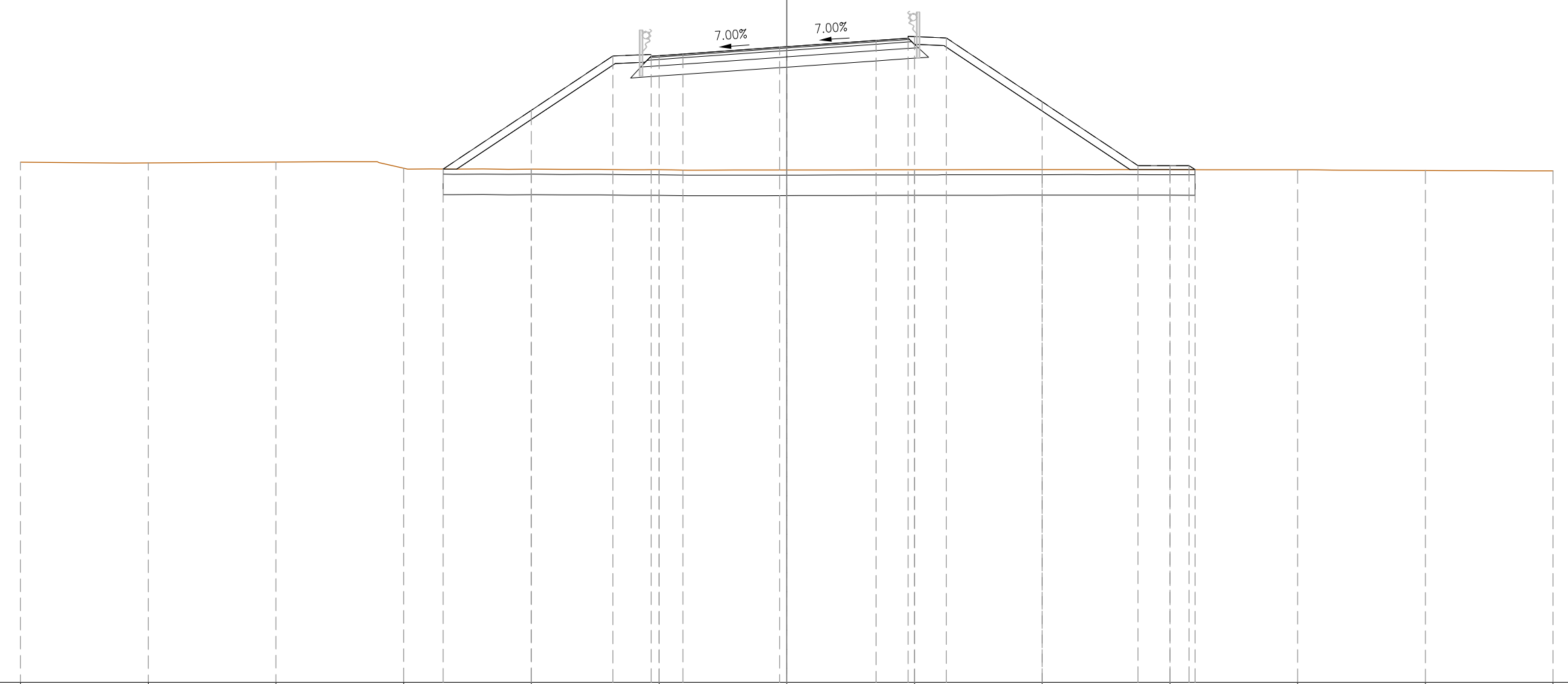
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00				
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00				
QUOTE TERRENO	105.41	105.41	105.42	105.41	105.16	105.11	105.09	105.09	105.09	105.08	105.08	105.05	105.01				
PROGRESSIVE PROGETTO				-13.35	-10.00	-6.81	-5.31	-4.06	-0.28	3.50	4.75	6.25	10.00	13.75	15.00	15.75	16.25
PARZIALI PROGETTO					6.54	5.00	1.50	1.25	5.308	3.785.00	1.25	1.50	5.00	7.50	5.00	2.00	0.50
QUOTE PROGETTO				105.35	107.58	109.71	109.72	109.79	110.07	110.31	110.46	110.41	107.91	105.41	105.41	105.41	105.08

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-8

PROGRESSIVA 104.75

BA BASE	m ²	2.65
BI BINDER	m ²	1.00
BO BONIFICA	m ²	23.53
RI RILEVATO	m ²	82.98
SV SCAVO	m ²	29.19
U USURA	m ²	0.52
VG VEGETALE	m ²	6.17
e SEMINA	m	22.27
g GEOTESSUTO	m	29.44
sc SCOTICO	m	29.44



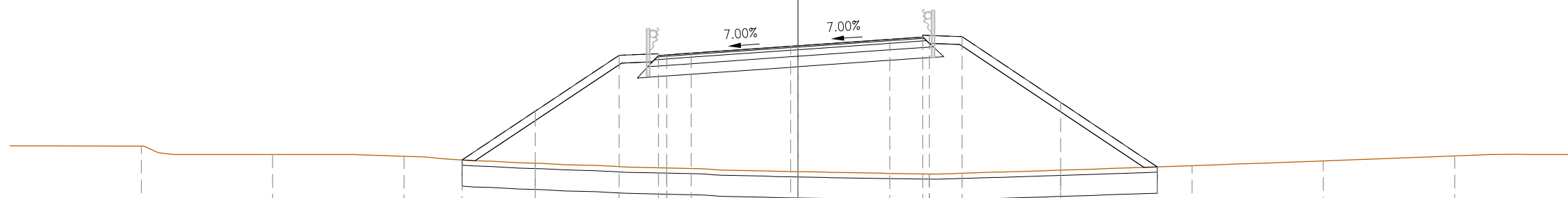
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00				
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00				
QUOTE TERRENO	105.35	105.33	105.36	105.12	105.09	105.06	105.05	105.06	105.07	105.07	105.06	105.03	105.01				
PROGRESSIVE PROGETTO				-13.46	-10.00	-6.81	-5.31	-4.06	-0.28	3.50	4.76	6.25	10.00	13.75	15.00	15.75	15.98
PARZIALI PROGETTO					6.65	5.00	1.50	1.25	5.08	3.785.00	1.25	1.50	5.00	7.50	5.00	2.00	0.23
QUOTE PROGETTO				105.09	107.39	109.52	109.58	109.59	109.88	110.12	110.27	110.22	107.72	105.22	105.22	105.07	

PROFILO Rot.1 – Ramo Ovest

SEZIONE R1.0-9

PROGRESSIVA 120.00

BA BASE	m ²	2.70
BI BINDER	m ²	1.02
BO BONIFICA	m ²	21.16
RI RILEVATO	m ²	79.95
SV SCAVO	m ²	21.08
U USURA	m ²	0.47
VG VEGETALE	m ²	5.48
e SEMINA	m	19.11
g GEOTESSUTO	m	26.47
sc SCOTICO	m	26.47



85

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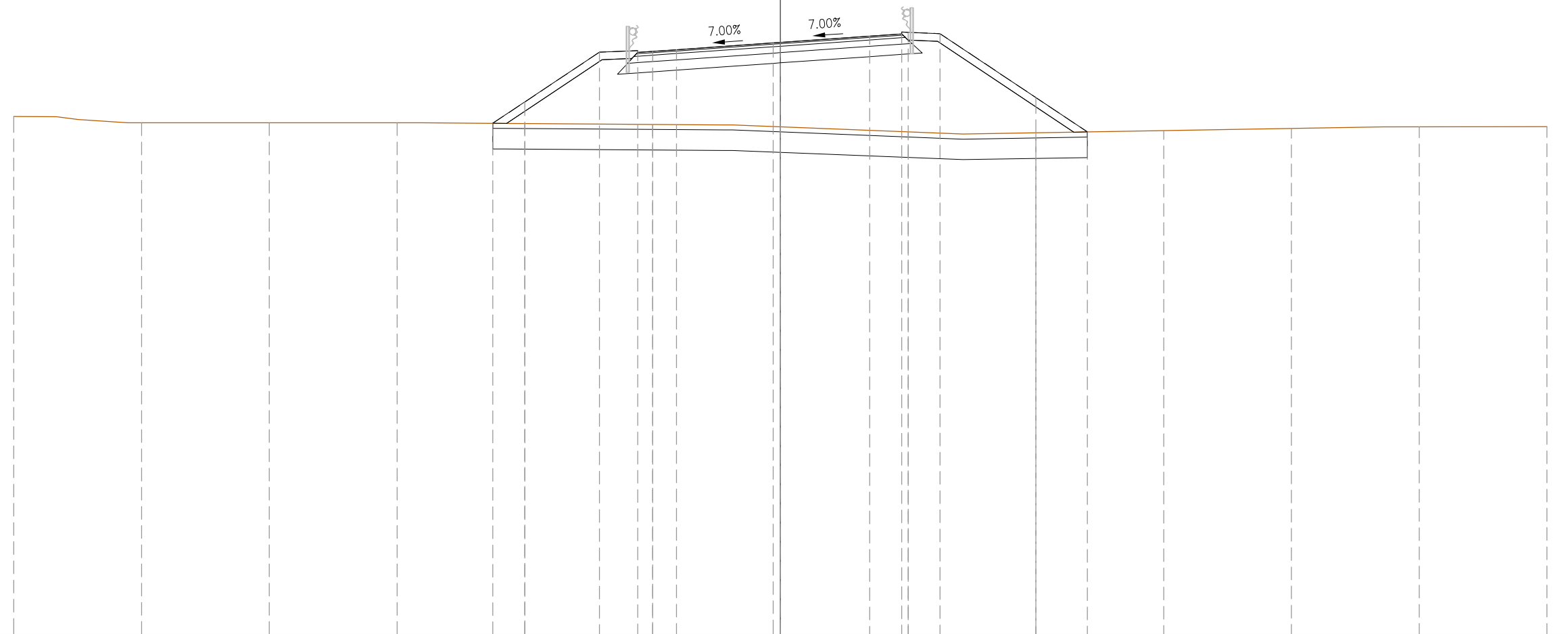
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	105.32	105.00	104.93	104.67	104.49	104.35	104.26	104.41	104.58	104.76	104.95		
PROGRESSIVE PROGETTO			-12.79	-10.00	-6.81	-5.31	-4.06	-0.28	3.50	4.75	6.25	10.00	13.68
PARZIALI PROGETTO				5.98	5.00	1.50	1.25	5.08	3.785.00	1.25	1.50	5.00	7.43
QUOTE PROGETTO			104.80	106.66	108.78	108.84	108.86	109.12	109.39	109.47	109.48	106.98	104.53

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-10

PROGRESSIVA 140.00

BA BASE	m ²	2.77
BI BINDER	m ²	1.02
BO BONIFICA	m ²	18.61
RI RILEVATO	m ²	47.99
SV SCAVO	m ²	22.85
U USURA	m ²	0.50
VG VEGETALE	m ²	4.21
e SEMINA	m	14.94
g GEOTESSUTO	m	23.28
sc SCOTICO	m	23.28



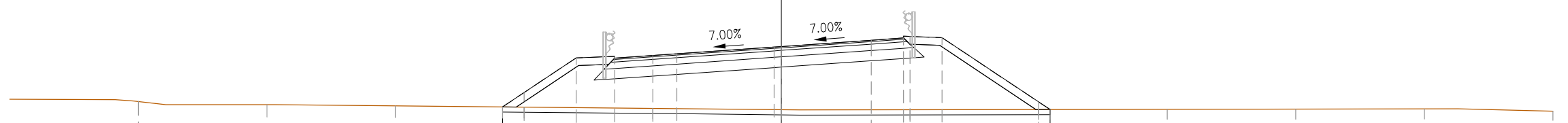
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00			
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
QUOTE TERRENO	105.24	105.00	105.00	105.00	104.97	104.94	104.84	104.64	104.61	104.69	104.78	104.84	104.85			
PROGRESSIVE PROGETTO					-11.25	-10.00	-7.08	-5.58	-5.00	-4.06	-0.28	3.50	4.75	6.25	10.00	12.02
PARZIALI PROGETTO					4.17	5.00	1.50	1.52	5.00	3.78	5.00	5.77				
QUOTE PROGETTO					104.98	105.81	107.76	107.82	107.79	107.86	108.12	108.39	108.43	108.48	105.98	104.64

PROFILO Rot.1 – Ramo Ovest

SEZIONE R1.0-11

PROGRESSIVA 160.00

BA BASE	m ²	2.95
BI BINDER	m ²	1.11
BO BONIFICA	m ²	17.02
RI RILEVATO	m ²	29.75
SV SCAVO	m ²	20.62
U USURA	m ²	0.61
VG VEGETALE	m ²	3.18
e SEMINA	m	11.47
g GEOTESSUTO	m	21.28
sc SCOTICO	m	21.28



85

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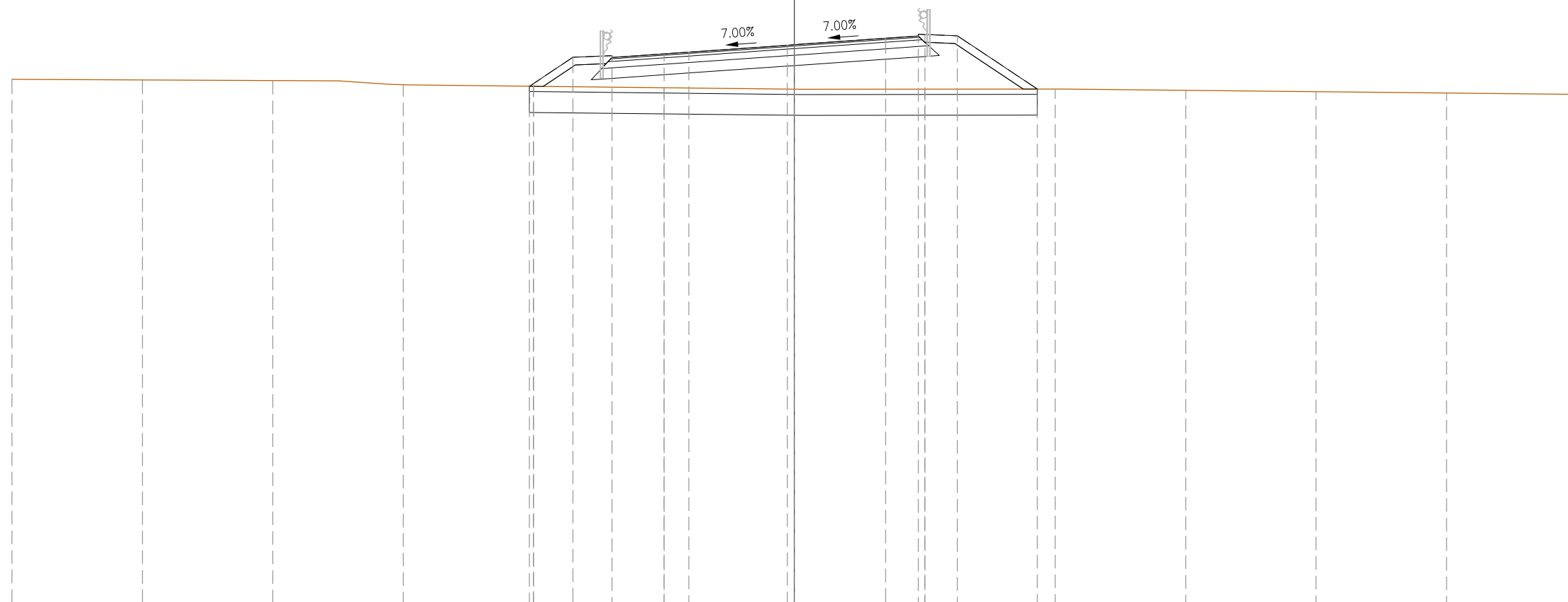
PROGRESSIVE TERRENO	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00			
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
QUOTE TERRENO	105.08	104.96	104.91	104.86	104.81	104.76	104.76	104.77	104.78	104.78	104.79	104.70			
PROGRESSIVE PROGETTO				-10.84	-10.00	-7.98	-6.48	-5.00	-4.06	-0.28	3.50	4.75	6.25	10.00	10.44
PARZIALI PROGETTO				2.86	5.000	2.42	5.078	3.785.00	1.25	1.50	5.004.19				
QUOTE PROGETTO				104.87	105.43	106.78	106.84	106.87	106.94	107.22	107.47	107.55	107.56	105.06	104.77

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-12

PROGRESSIVA 181.20

BA BASE	m ²	3.07
BI BINDER	m ²	1.22
BO BONIFICA	m ²	15.59
RI RILEVATO	m ²	15.44
SV SCAVO	m ²	18.87
U USURA	m ²	0.56
VG VEGETALE	m ²	2.35
e SEMINA	m	8.69
g GEOTESSUTO	m	19.47
sc SCOTICO	m	19.47



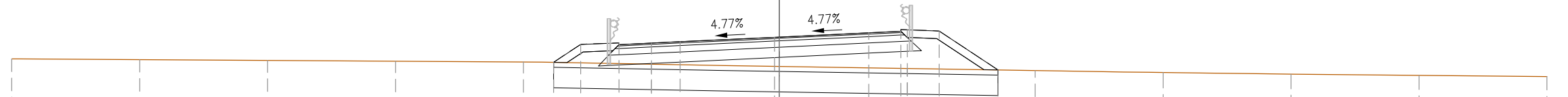
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
QUOTE TERRENO	105.09	105.07	105.05	104.88	104.82	104.77	104.71	104.72	104.72	104.67	104.62	104.57	104.52	
PROGRESSIVE PROGETTO					-18.06	-8.49	-6.99	-5.00	-4.04	-0.07	3.50	4.06	6.25	9.31
PARZIALI PROGETTO					1.67	15.00	2.95	5.97	3.775.00	1.25	1.50	3.06		
QUOTE PROGETTO					104.82	105.94	106.00	106.07	106.14	106.42	106.67	106.75	106.76	104.72

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-13

PROGRESSIVA 200.00

BA BASE	m ²	2.84
BI BINDER	m ²	1.19
BO BONIFICA	m ²	13.90
RI RILEVATO	m ²	6.43
SV SCAVO	m ²	17.34
U USURA	m ²	0.55
VG VEGETALE	m ²	1.87
e SEMINA	m	7.02
g GEOTESSUTO	m	17.37
sc SCOTICO	m	17.37



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PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
QUOTE TERRENO	105.00	104.97	104.94	104.91	104.88	104.80	104.71	104.62	104.54	104.47	104.40	104.35	104.31	
PROGRESSIVE PROGETTO					-8.82	-7.77	-6.27	-5.00	-3.88	0.00	3.50	4.75	6.25	8.55
PARZIALI PROGETTO					1.05	1.50	2.39	5.00	3.695.00	1.25	1.50	2.30		
QUOTE PROGETTO					104.87	105.57	105.63	105.62	105.68	105.88	106.03	106.09	106.10	104.57

PROFILO Rot.1 – Ramo Ovest

SEZIONE R1.0-14

PROGRESSIVA 220.00

BA BASE	m ²	2.62
BI BINDER	m ²	0.93
BO BONIFICA	m ²	8.88
RI RILEVATO	m ²	1.04
SV SCAVO	m ²	13.84
U USURA	m ²	0.49
VG VEGETALE	m ²	1.40
cp COMPATTAZIONE	m	10.04
e SEMINA	m	5.52
g GEOTESSUTO	m	14.79
sc SCOTICO	m	14.79



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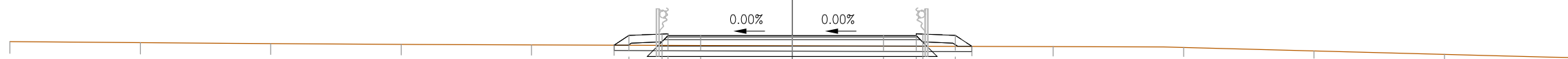
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	104.92	104.89	104.86	104.83	104.81	104.79	104.77	104.71	104.62	104.53	104.45	104.36		
PROGRESSIVE PROGETTO						-7.22	-6.44	-5.99	-3.69	0.00	3.50	4.75	6.25	7.57
PARZIALI PROGETTO						0.78	1.50	1.25	5.00	5.99	3.65	1.25	1.50	1.32
QUOTE PROGETTO						104.79	105.31	105.37	105.33	105.42	105.50	105.53	105.54	104.67

PROFILO Rot.1 – Ramo Ovest

SEZIONE R1.0-15

PROGRESSIVA 240.18

BA BASE	m ²	2.52
BI BINDER	m ²	0.95
RI RILEVATO	m ²	0.29
SV SCAVO	m ²	2.29
U USURA	m ²	0.50
VG VEGETALE	m ²	1.09
cp COMPATTAZIONE	m	11.12
e SEMINA	m	4.44
g GEOTESSUTO	m	11.12



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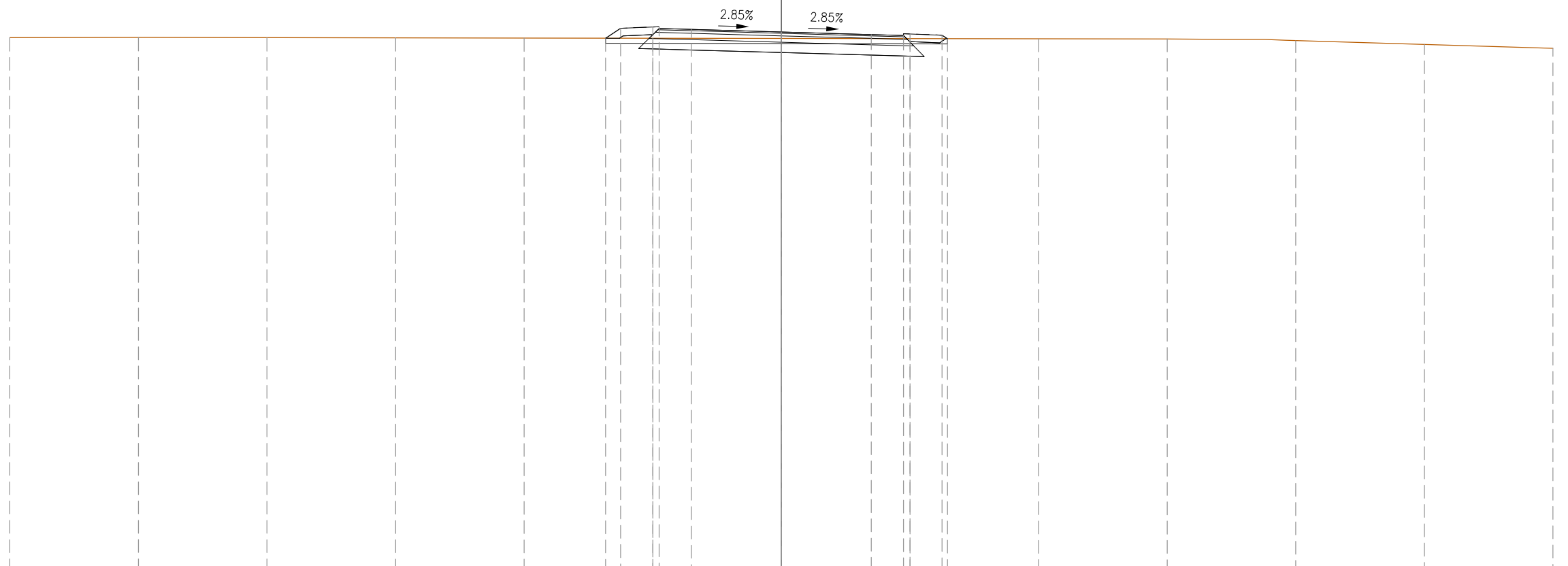
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
QUOTE TERRENO	104.91	104.87	104.83	104.80	104.78	104.77	104.75	104.73	104.72	104.69	104.55	104.42	104.30	
PROGRESSIVE PROGETTO						-6.83	-6.27	-5.99	-3.52	-0.00	3.50	4.06	6.25	6.88
PARZIALI PROGETTO						0.56	1.50	1.25	5.00	5.1	3.5	1.25	1.50	0.63
QUOTE PROGETTO						104.77	105.15	105.20	105.14	105.14	105.14	105.20	105.15	104.73

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-16

PROGRESSIVA 260.00

BA BASE	m ²	2.51
BI BINDER	m ²	0.97
RI RILEVATO	m ²	0.12
SV SCAVO	m ²	3.71
U USURA	m ²	0.48
VG VEGETALE	m ²	0.97
cp COMPATTAZIONE	m	11.10
e SEMINA	m	3.95
g GEOTESSUTO	m	11.10



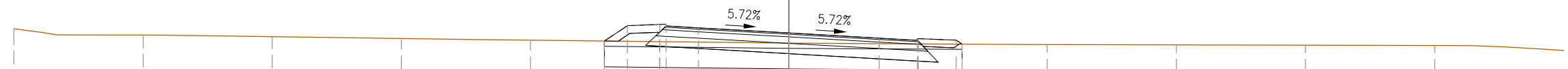
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
QUOTE TERRENO	104.80	104.80	104.80	104.79	104.78	104.77	104.76	104.76	104.75	104.74	104.68	104.53	104.38	
PROGRESSIVE PROGETTO						-6.83	-6.25	-5.99	-3.50	0.00	3.50	4.75	6.25	6.46
PARZIALI PROGETTO						0.58	1.50	1.25	5.00	3.50	1.25	1.50	0.21	
QUOTE PROGETTO						104.77	105.16	105.22	105.12	105.02	104.92	104.88	104.89	104.75

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-17

PROGRESSIVA 280.00

BA BASE	m ²	2.58
BI BINDER	m ²	0.99
RI RILEVATO	m ²	0.39
SV SCAVO	m ²	13.29
U USURA	m ²	0.50
VG VEGETALE	m ²	1.10
cp COMPATTAZIONE	m	11.35
e SEMINA	m	4.34
g GEOTESSUTO	m	13.85



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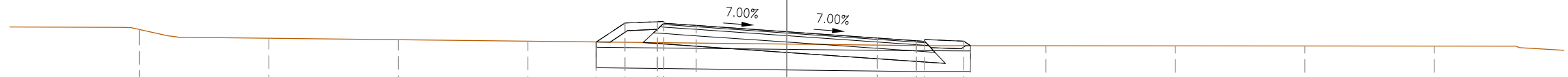
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	105.22	104.97	104.91	104.84	104.78	104.72	104.66	104.64	104.61	104.60	104.59	104.57		
PROGRESSIVE PROGETTO						-7.14	-6.25	-5.99	-3.50	0.00	3.50	6.98	6.48	6.71
PARZIALI PROGETTO						0.89	1.50	1.25	5.00	5.00	3.50	1.48	1.50	0.23
QUOTE PROGETTO						104.75	105.34	105.38	105.26	105.06	104.86	104.84	104.78	104.63

PROFILO Rot.1 – Ramo Ovest

SEZIONE R1.0-18

PROGRESSIVA 288.93

BA BASE	m ²	2.65
BI BINDER	m ²	1.03
RI RILEVATO	m ²	0.58
SV SCAVO	m ²	13.35
U USURA	m ²	0.50
VG VEGETALE	m ²	1.18
cp COMPATTAZIONE	m	11.71
e SEMINA	m	4.65
g GEOTESSUTO	m	14.45



85

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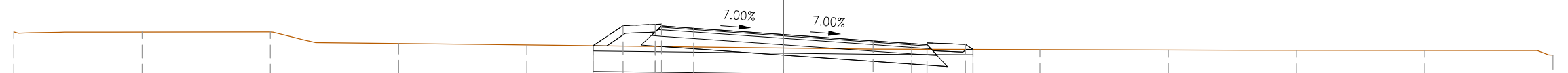
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	105.19	104.85	104.79	104.73	104.68	104.62	104.56	104.56	104.55	104.55	104.55		
PROGRESSIVE PROGETTO					-7.36	-6.25	-5.99	-3.50	0.00	3.50	5.99	6.82	7.09
PARZIALI PROGETTO					1.11	1.50	1.25	5.00	5.00	3.50	1.82	1.50	0.27
QUOTE PROGETTO					104.70	105.44	105.39	105.35	105.10	104.86	104.75	104.74	104.56

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-19

PROGRESSIVA 300.00

BA BASE	m ²	2.67
BI BINDER	m ²	1.08
RI RILEVATO	m ²	0.65
SV SCAVO	m ²	13.27
U USURA	m ²	0.55
VG VEGETALE	m ²	1.22
cp COMPATTAZIONE	m	11.15
e SEMINA	m	4.77
g GEOTESSUTO	m	14.81



85

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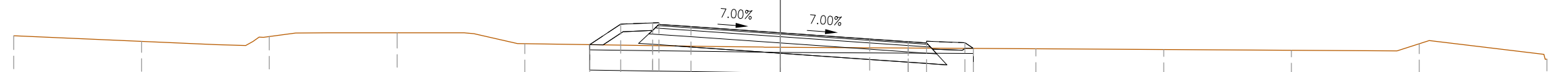
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	105.25	105.25	105.25	104.81	104.75	104.69	104.63	104.58	104.57	104.55	104.54	104.54	104.36		
PROGRESSIVE PROGETTO						-7.42	-6.25	-5.99	-3.50	0.00	3.50	5.00	5.59	7.09	7.39
PARZIALI PROGETTO						1.17	1.50	1.25	5.00	3.50	2.09	1.50	0.30		
QUOTE PROGETTO						104.72	105.50	105.58	105.40	105.16	104.91	104.81	104.77	104.78	104.58

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-20

PROGRESSIVA 319.45

BA BASE	m ²	2.82
BI BINDER	m ²	1.07
RI RILEVATO	m ²	0.72
SV SCAVO	m ²	13.28
U USURA	m ²	0.52
VG VEGETALE	m ²	1.23
cp COMPATTAZIONE	m	10.68
e SEMINA	m	4.86
g GEOTESSUTO	m	15.01



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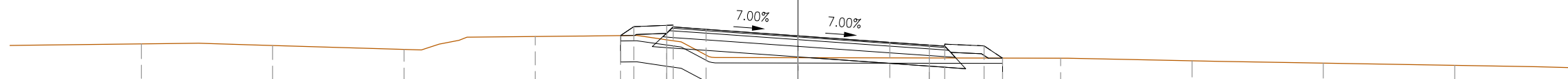
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00		
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	105.08	104.87	105.06	105.20	104.77	104.70	104.64	104.61	104.58	104.55	104.52	104.77	104.16		
PROGRESSIVE PROGETTO						-7.46	-6.25	-5.99	-3.50	0.00	3.50	5.00	5.72	7.22	7.55
PARZIALI PROGETTO						1.21	1.50	1.25	5.00	3.50	2.22	1.50	0.33		
QUOTE PROGETTO						104.74	105.55	105.89	105.45	105.20	104.96	104.85	104.80	104.81	104.59

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-21

PROGRESSIVA 340.00

BA BASE	m ²	2.77
BI BINDER	m ²	1.05
RI RILEVATO	m ²	0.91
SV SCAVO	m ²	8.11
U USURA	m ²	0.52
VG VEGETALE	m ²	1.09
cp COMPATTAZIONE	m	5.89
e SEMINA	m	4.45
g GEOTESSUTO	m	14.69



84

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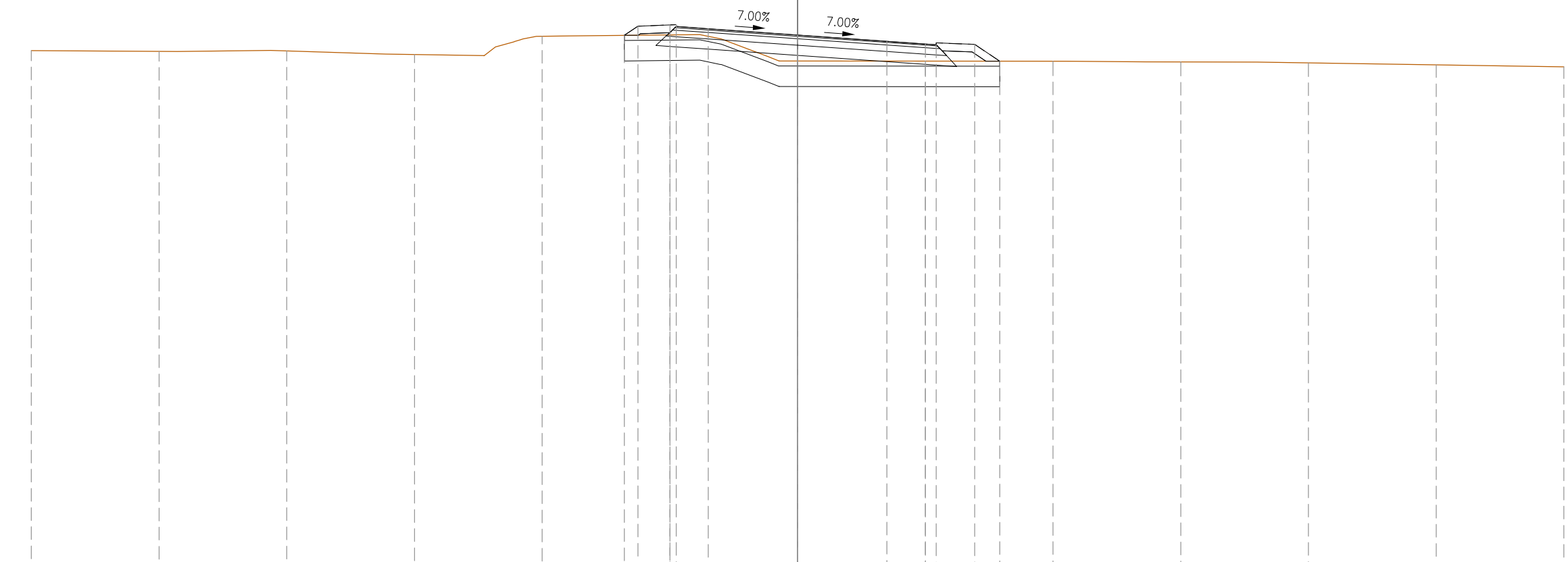
PROGRESSIVE TERRENO	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	104.87	104.80	104.66	105.14	105.02	104.34	104.33	104.32	104.22	104.14	104.06
PROGRESSIVE PROGETTO					-6.76 -6.25	0.00	3.50	5.00	7.08		
PARZIALI PROGETTO					0.51	1.50	1.25	5.00	3.50	2.08	1.50
QUOTE PROGETTO					105.18 105.52	105.17	104.93	104.82 104.78	104.79 104.32		

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-22

PROGRESSIVA 349.96

BA BASE	m ²	2.68
BI BINDER	m ²	1.01
RI RILEVATO	m ²	1.21
SV SCAVO	m ²	10.01
U USURA	m ²	0.54
VG VEGETALE	m ²	1.20
e SEMINA	m	4.83
g GEOTESSUTO	m	14.88



84

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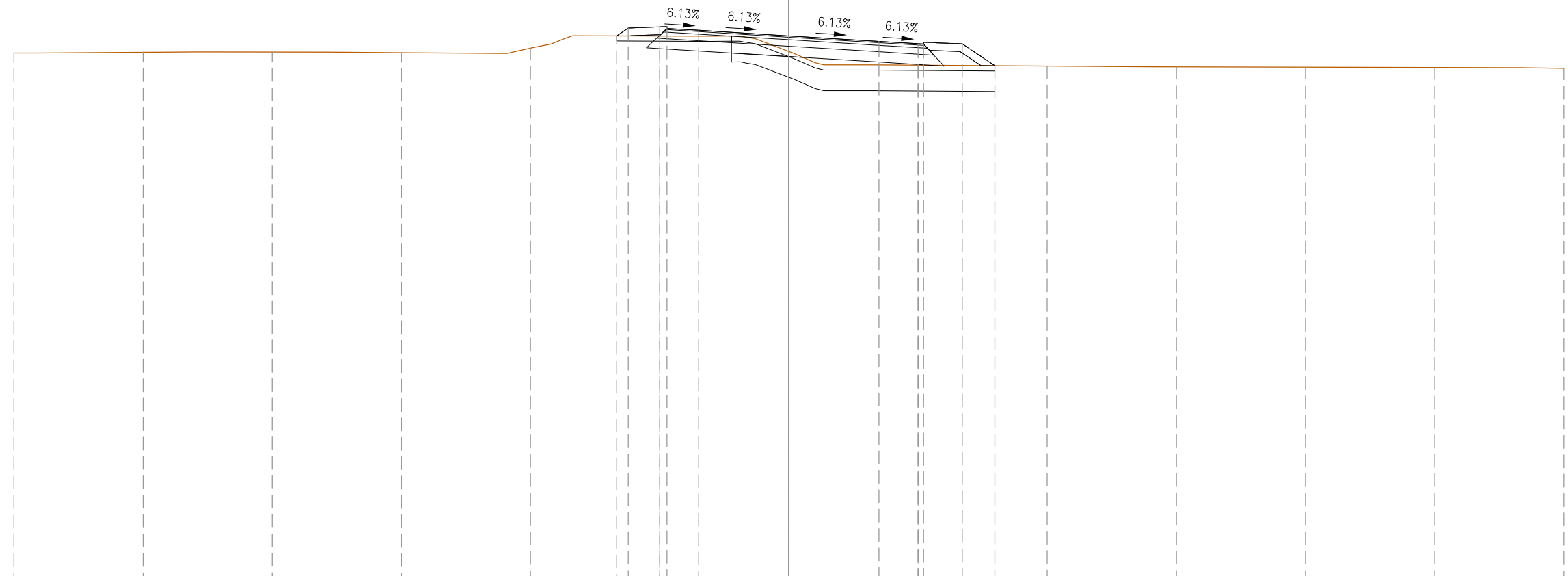
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00		
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	104.54	104.51	104.53	104.39	105.11	105.16	104.14	104.13	104.13	104.10	104.06	103.98	103.90		
PROGRESSIVE PROGETTO						-6.79	-6.25	-5.99	-3.50	0.00	3.50	5.00	5.43	6.93	7.91
PARZIALI PROGETTO						0.54	1.50	1.25	5.00	3.50	1.93	1.50	0.98		
QUOTE PROGETTO						105.14	105.50	105.55	105.40	105.16	104.91	104.81	104.78	104.79	104.13

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-23

PROGRESSIVA 360.00

BA BASE	m ²	2.66
BI BINDER	m ²	1.01
DE DEMOLIZIONI	m ²	0.89
RI RILEVATO	m ²	1.32
SV SCAVO	m ²	1.72
U USURA	m ²	0.50
VG VEGETALE	m ²	1.28
cp COMPATTAZIONE	m	6.08
e SEMINA	m	5.06
g GEOTESSUTO	m	10.40



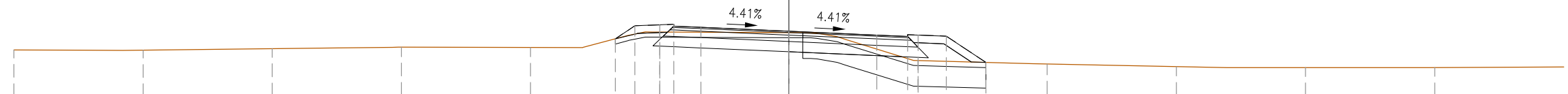
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
QUOTE TERRENO	104.48	104.51	104.52	104.49	104.66	105.13	104.53	104.01	103.97	103.94	103.93	103.92	103.88	
PROGRESSIVE PROGETTO						-6.67	-6.22	-5.99	-3.49	0.00	3.49	5.99	6.71	7.98
PARZIALI PROGETTO						0.45	1.50	1.23	5.00	3.49	1.72	1.50	1.27	
QUOTE PROGETTO						105.14	105.44	105.48	105.35	105.14	104.92	104.82	104.83	103.99

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-24

PROGRESSIVA 380.00

BA BASE	m ²	2.40
BI BINDER	m ²	0.93
DE DEMOLIZIONI	m ²	1.47
RI RILEVATO	m ²	1.02
SV SCAVO	m ²	3.69
U USURA	m ²	0.45
VG VEGETALE	m ²	1.43
cp COMPATTAZIONE	m	9.64
e SEMINA	m	5.74
g GEOTESSUTO	m	7.24



84

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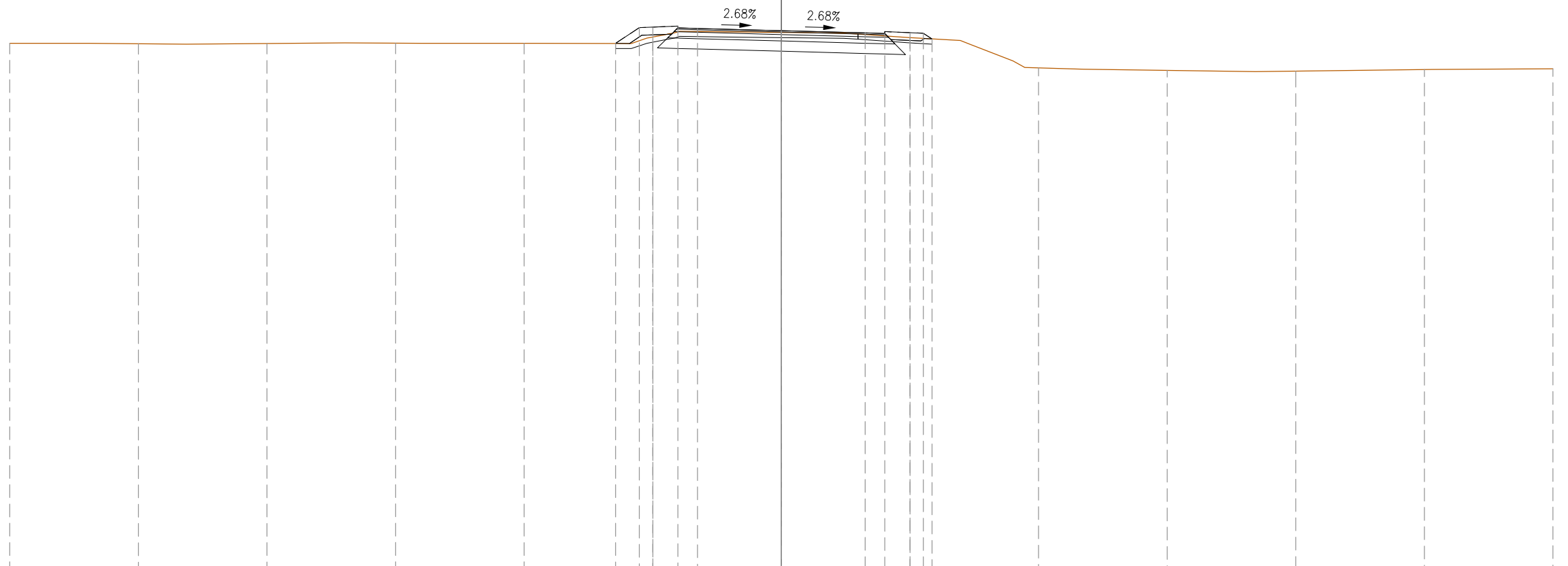
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	104.38	104.37	104.42	104.48	104.47	105.07	105.05	103.97	103.83	103.72	103.69	103.69
PROGRESSIVE PROGETTO						-6.71	0.00	3.40	4.60	6.10	7.63	
PARZIALI PROGETTO						0.75	1.50	1.20	1.50	1.53		
QUOTE PROGETTO						104.81	105.10	104.95	104.90	104.91	103.89	

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-25

PROGRESSIVA 400.00

BA BASE	m ²	2.15
BI BINDER	m ²	0.83
DE DEMOLIZIONI	m ²	1.89
RI RILEVATO	m ²	0.12
SV SCAVO	m ²	5.34
U USURA	m ²	0.41
VG VEGETALE	m ²	1.13
cp COMPATTAZIONE	m	9.64
e SEMINA	m	4.51
g GEOTESSUTO	m	2.89



84

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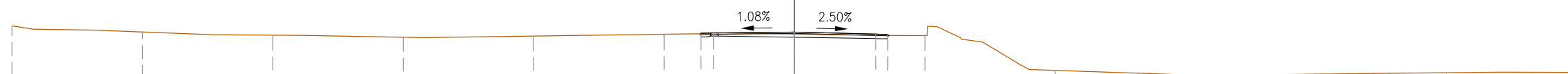
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00			
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
QUOTE TERRENO	104.58	104.56	104.57	104.58	104.58	104.82	105.00	104.79	103.62	103.52	103.50	103.56	103.58			
PROGRESSIVE PROGETTO						-6.44	-5.52	-5.00	-4.02	-3.26	0.00	3.26	4.02	5.00	5.32	5.86
PARZIALI PROGETTO						0.92	1.50	0.76	5.003.26		3.265.00	0.76	1.50	0.34		
QUOTE PROGETTO						104.57	105.19	105.21	105.25	105.16	105.07	104.98	104.96	104.89	104.75	

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-26

PROGRESSIVA 420.00

FR FRESATURA m² 0.85
 I IMBOTTITURA BINDER m² 0.81
 U USURA m² 0.37



84

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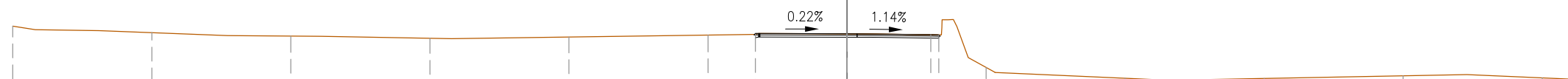
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	105.27	105.04	104.92	104.84	104.88	104.95	104.96	104.90	103.57	103.40	103.43	103.48	103.48
PROGRESSIVE PROGETTO							0.00	3.11					
PARZIALI PROGETTO							3.11	3.11					
QUOTE PROGETTO						104.97	105.00	104.96	104.94	104.90			

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-27

PROGRESSIVA 440.00

FR FRESATURA m² 0.79
 I IMBOTTITURA BINDER m² 0.47
 U USURA m² 0.33



84

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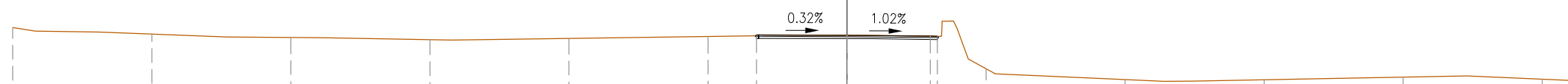
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00
PARZIALI TERRENO	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	105.27	105.04	104.92	104.84	104.88	104.95	104.99	103.79	103.41	103.40	103.49	103.42
PROGRESSIVE PROGETTO						-3.30	0.00	3.02	3.30			
PARZIALI PROGETTO						3.30	3.02	0.28				
QUOTE PROGETTO						104.98	105.00	104.96	104.96			

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-28

PROGRESSIVA 452.10

FR FRESATURA m² 0.77
 I IMBOTTITURA BINDER m² 0.42
 U USURA m² 0.34



84

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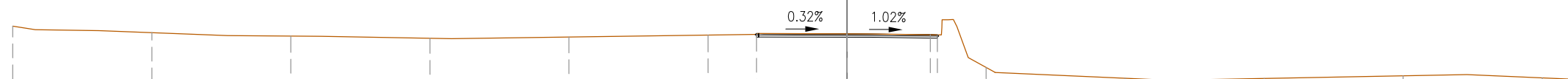
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00
PARZIALI TERRENO	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	105.27	105.04	104.92	104.84	104.88	104.95	104.99	103.79	103.41	103.40	103.49	103.42
PROGRESSIVE PROGETTO						-3.25	0.00	3.00	3.25			
PARZIALI PROGETTO						3.25	3.00	0.25				
QUOTE PROGETTO						104.99	104.99	104.96	104.96			

PROFILO Rot.1 - Ramo Ovest

SEZIONE R1.0-29

PROGRESSIVA 455.08

FR FRESATURA m² 0.77
 I IMBOTTITURA BINDER m² 0.43
 U USURA m² 0.34



84

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PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00
PARZIALI TERRENO	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	105.27	105.04	104.92	104.84	104.88	104.95	104.99	103.79	103.41	103.40	103.49	103.42
PROGRESSIVE PROGETTO						-3.25	0.00	3.00	3.25			
PARZIALI PROGETTO						3.25	3.00	0.25				
QUOTE PROGETTO						104.99	104.99	104.96	104.96			

RAMO EST

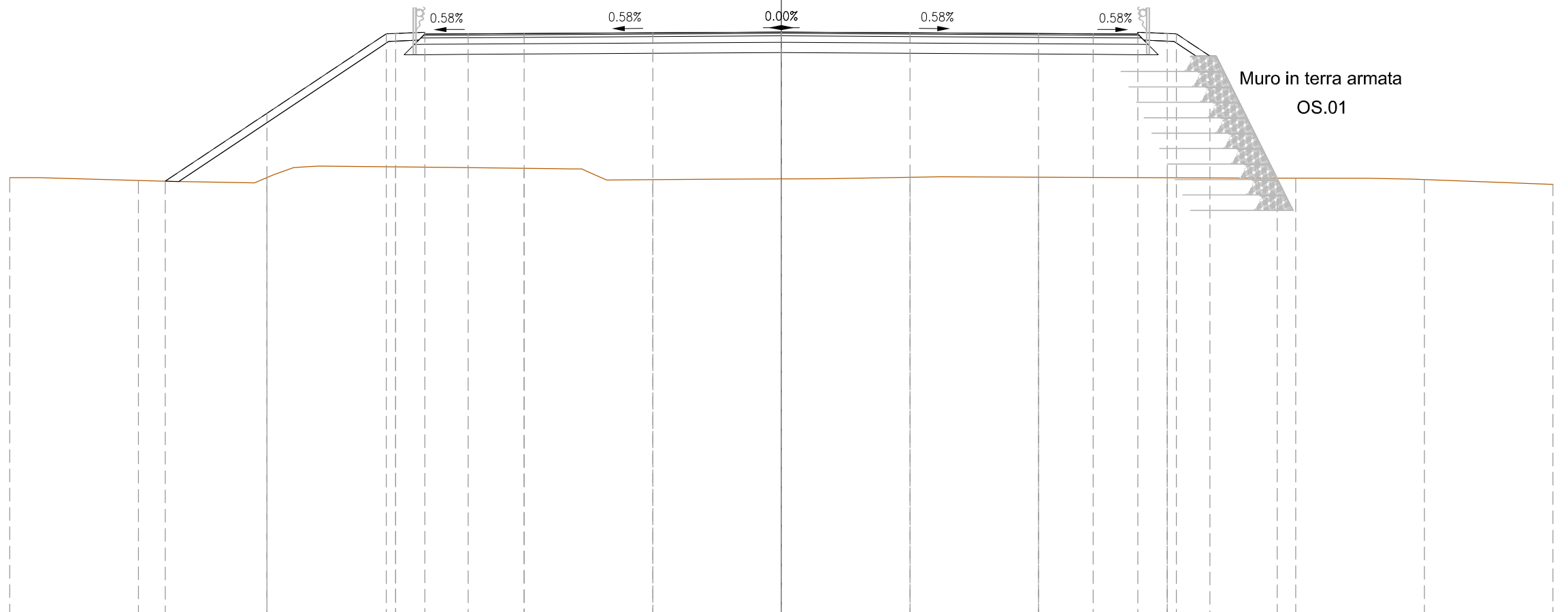
PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-1

PROGRESSIVA 22.00

ROTATORIA 1
SV.01.D

Muro in terra armata
OS.01



89

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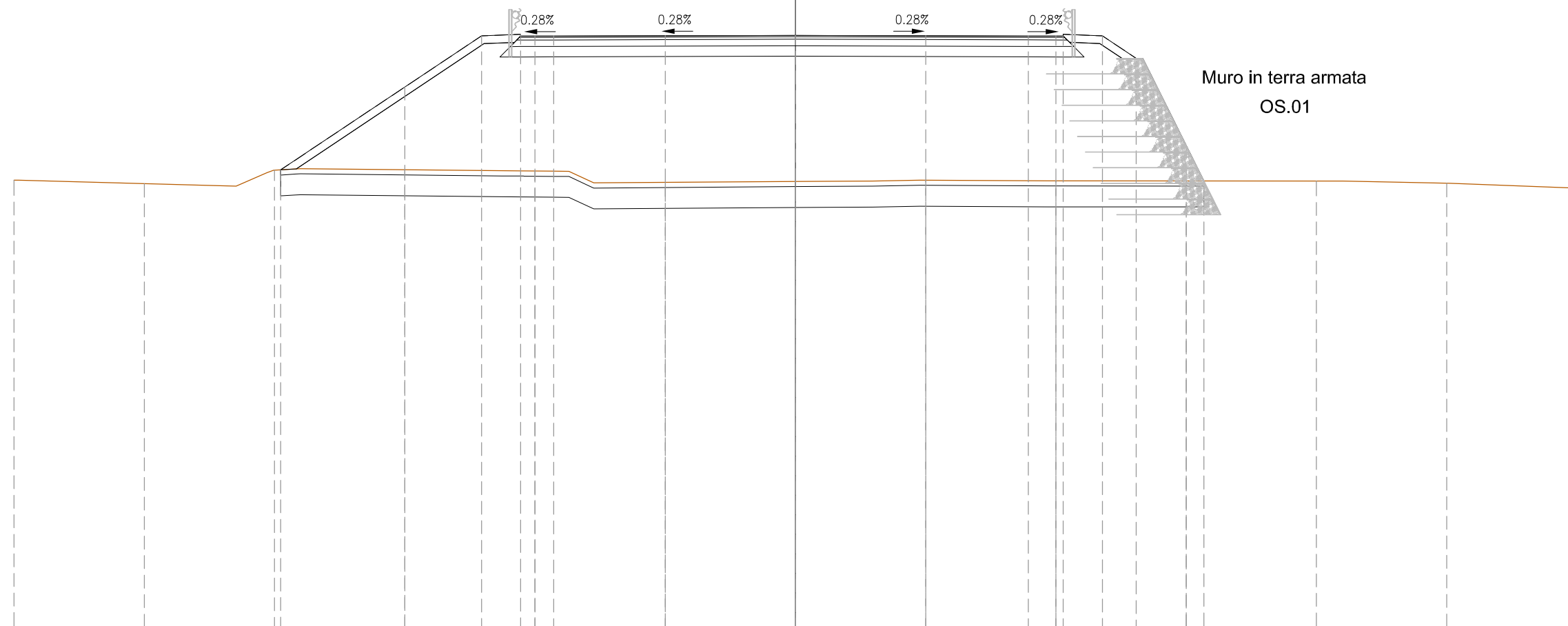
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00			
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
QUOTE TERRENO	106.13	106.02	106.13	106.55	106.50	106.05	106.08	106.15	106.15	106.13	106.11	106.05	105.86			
PROGRESSIVE PROGETTO		-23.95	-20.00	-15.38	-13.86	-12.18	-10.00	-5.00	0.00	5.00	10.00	12.12	13.86	15.00	16.66	19.28
PARZIALI PROGETTO			8.59	5.00	1.50	1.68	5.00	12.18	5.00	5.00	12.12	5.00	0.074	1.50	1.30	2.62
QUOTE PROGETTO		105.99	108.63	111.73	111.78	111.72	111.73	111.76	111.79	111.76	111.73	111.72	111.71	111.72	110.85	106.11

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-2

PROGRESSIVA 25.00

BA BASE	m ²	5.35
BI BINDER	m ²	2.11
BO BONIFICA	m ²	28.36
RI RILEVATO	m ²	143.45
SV SCAVO	m ²	35.44
U USURA	m ²	1.04
VG VEGETALE	m ²	3.93
e SEMINA	m	13.83
g GEOTESSUTO	m	35.54
sc SCOTICO	m	35.54
ta TERRA ARMATA	m	5.55



89

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PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00				
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00				
QUOTE TERRENO	106.17	106.04	106.56	106.58	106.53	106.09	106.13	106.17	106.15	106.15	106.14	106.06	105.87				
PROGRESSIVE PROGETTO			-19.76	-15.00	-12.05	-10.55	-10.00	-9.28	-5.00	0.00	5.00	8.94	10.98	11.78	13.08	15.00	15.68
PARZIALI PROGETTO				7.71	5.00	1.50	1.27	5.00	9.28	5.00	5.00	8.94	5.00	1.34	1.50	5.00	2.60
QUOTE PROGETTO			106.57	109.74	111.71	111.77	111.70	111.70	111.72	111.73	111.72	111.70	111.76	111.71	110.84	107.51	106.15

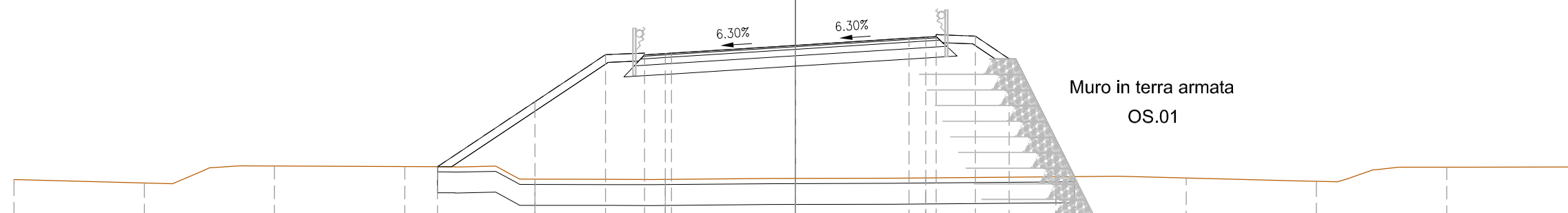
Muro in terra armata
OS.01

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-3

PROGRESSIVA 40.00

BA BASE	m ²	2.94
BI BINDER	m ²	1.12
BO BONIFICA	m ²	19.56
RI RILEVATO	m ²	87.87
SV SCAVO	m ²	24.45
U USURA	m ²	0.57
VG VEGETALE	m ²	3.45
e SEMINA	m	12.31
g GEOTESSUTO	m	24.58
sc SCOTICO	m	24.58
ta TERRA ARMATA	m	5.42



86

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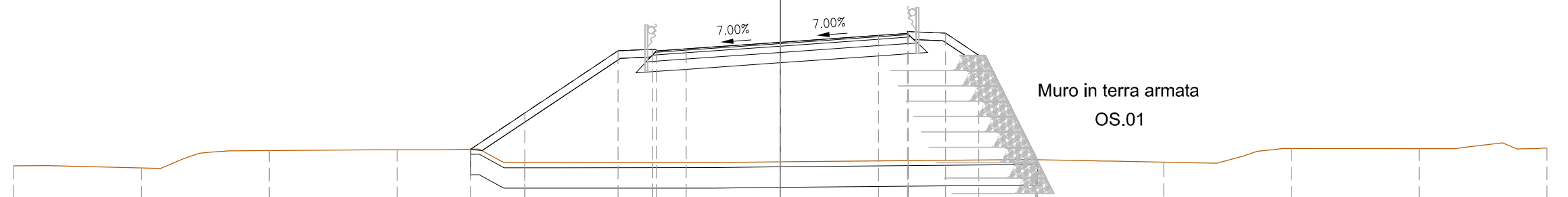
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00		
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	106.24	106.10	106.76	106.74	106.25	106.25	106.28	106.30	106.35	106.30	106.17	106.71	106.72		
PROGRESSIVE PROGETTO				-13.74	-10.00	-7.29	-5.79	-5.98	0.00	4.36	5.00	6.90	8.20	10.00	10.71
PARZIALI PROGETTO					6.45	5.00	1.50	1.03	5.00	4.50	1.04	1.50	5.00	2.51	
QUOTE PROGETTO				106.73	109.23	111.03	111.09	111.05	111.39	111.66	111.70	111.74	110.87	107.78	106.35

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-4

PROGRESSIVA 49.37

BA BASE	m ²	2.59
BI BINDER	m ²	1.02
BO BONIFICA	m ²	17.74
RI RILEVATO	m ²	72.96
SV SCAVO	m ²	22.18
U USURA	m ²	0.48
VG VEGETALE	m ²	3.25
e SEMINA	m	11.50
g GEOTESSUTO	m	22.31
sc SCOTICO	m	22.31
ta TERRA ARMATA	m	4.97



87

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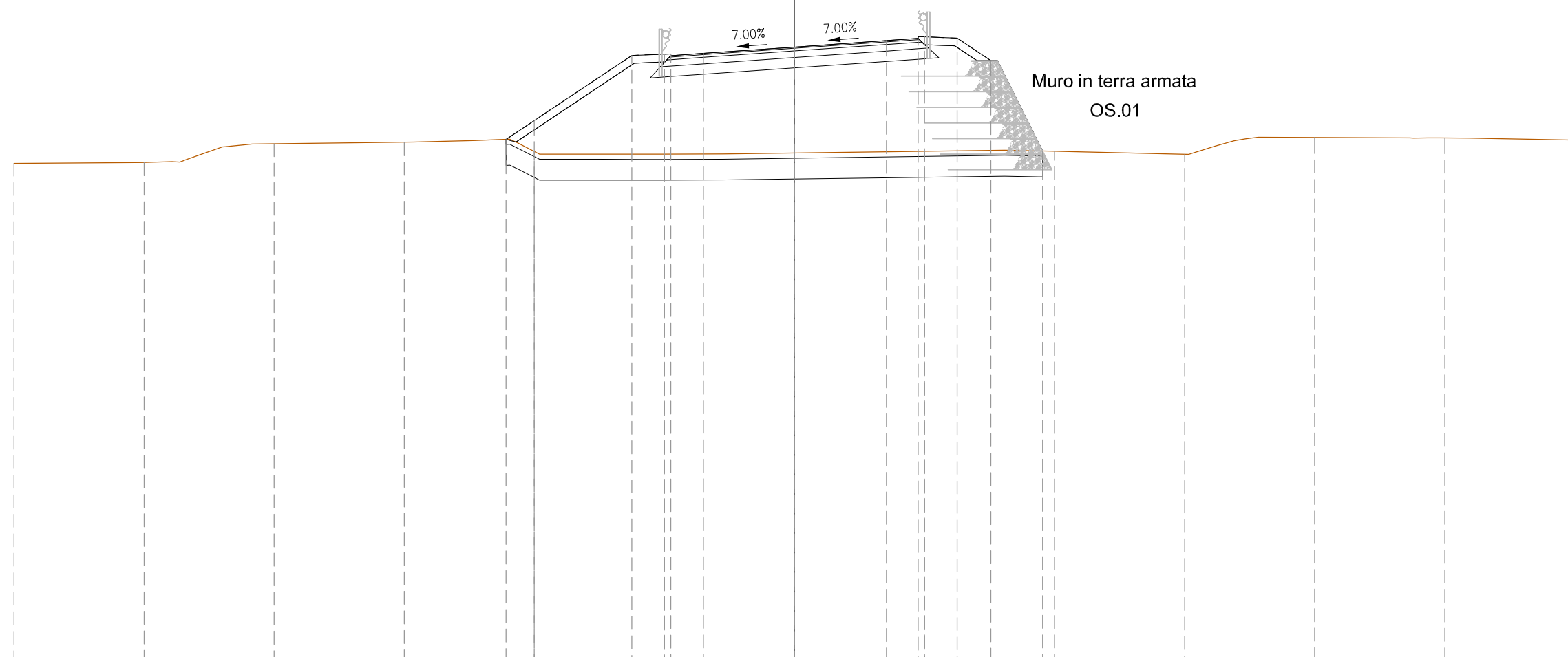
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00		
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	106.27	106.19	106.87	106.90	106.40	106.40	106.43	106.48	106.51	106.41	106.95	106.94	106.97		
PROGRESSIVE PROGETTO					-12.13	-10.00	-6.35	-5.88	-3.68	0.00	3.84	6.90	6.47	7.77	10.06
PARZIALI PROGETTO						5.78	5.00	1.50	1.17	5.00.68	3.88.00	1.13	1.50	1.50	2.28
QUOTE PROGETTO					106.92	108.34	110.77	110.83	110.84	111.10	111.37	111.52	111.46	110.59	106.62

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-5

PROGRESSIVA 60.00

BA BASE	m ²	2.51
BI BINDER	m ²	0.98
BO BONIFICA	m ²	16.48
RI RILEVATO	m ²	58.97
SV SCAVO	m ²	20.63
U USURA	m ²	0.48
VG VEGETALE	m ²	2.90
e SEMINA	m	10.37
g GEOTESSUTO	m	20.76
sc SCOTICO	m	20.76
ta TERRA ARMATA	m	4.34



87

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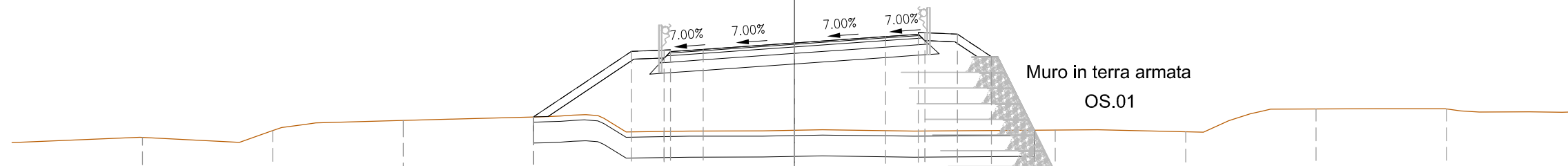
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00		
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00		
QUOTE TERRENO	106.23	106.26	106.98	107.05	106.69	106.58	106.63	106.70	106.70	106.58	107.23	107.21	107.13		
PROGRESSIVE PROGETTO					-11.09	-10.00	-6.25	-5.99	-3.50	0.00	3.54	4.76	6.26	7.56	9.54
PARZIALI PROGETTO						4.84	5.00	1.50	1.25	5.00	3.54	1.22	1.50	1.30	1.98
QUOTE PROGETTO					107.16	107.88	110.38	110.43	110.46	110.71	110.95	111.06	111.05	110.18	106.71

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-6

PROGRESSIVA 72.59

BA BASE	m ²	2.51
BI BINDER	m ²	0.97
BO BONIFICA	m ²	15.38
RI RILEVATO	m ²	43.27
SV SCAVO	m ²	19.21
U USURA	m ²	0.48
VG VEGETALE	m ²	2.50
e SEMINA	m	9.08
g GEOTESSUTO	m	19.38
sc SCOTICO	m	19.38
ta TERRA ARMATA	m	3.69



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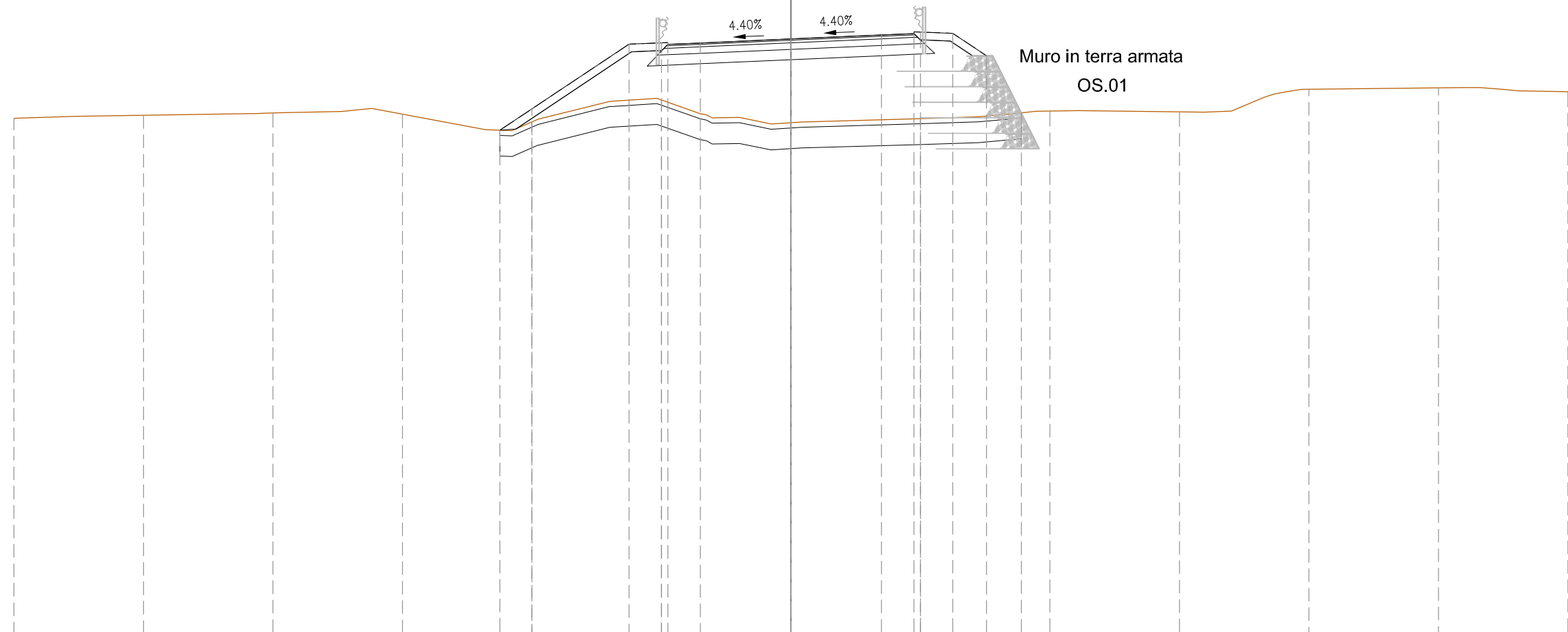
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PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
QUOTE TERRENO	106.60	106.86	107.24	107.38	106.83	106.87	106.85	106.88	106.82	107.69	107.69	107.57	
PROGRESSIVE PROGETTO				-10.00	-6.25	-5.99	-3.50	0.00	3.50	4.75	6.25	7.55	9.20
PARZIALI PROGETTO					3.76.00	1.50	1.25	5.00.50	3.50.00	1.25	1.50	1.30	1.65
QUOTE PROGETTO				107.38	109.89	109.85	109.96	110.21	110.45	110.60	110.55	109.68	106.87

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-7

PROGRESSIVA 80.00

BA BASE	m ²	2.54
BI BINDER	m ²	0.97
BO BONIFICA	m ²	16.11
RI RILEVATO	m ²	36.81
SV SCAVO	m ²	20.13
U USURA	m ²	0.48
VG VEGETALE	m ²	2.89
e SEMINA	m	10.55
g GEOTESSUTO	m	20.47
sc SCOTICO	m	20.47
ta TERRA ARMATA	m	3.29



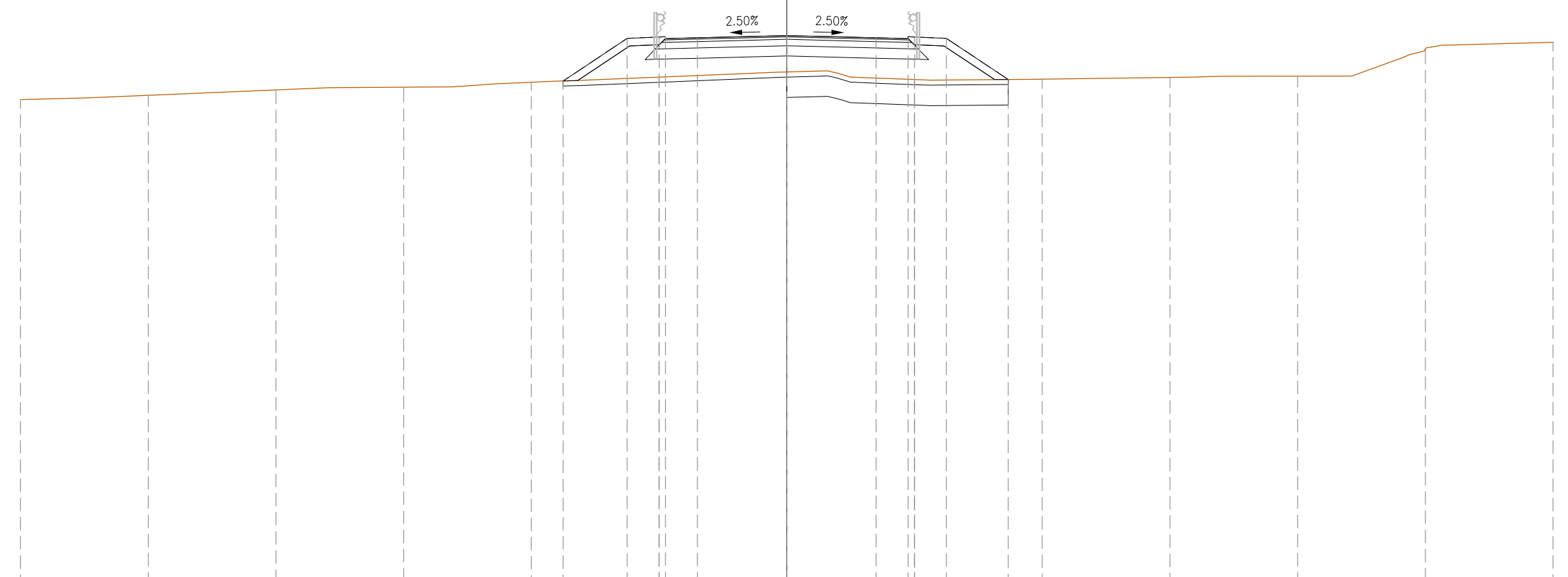
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00			
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00			
QUOTE TERRENO	106.89	107.01	107.09	107.05	106.75	107.60	106.72	106.88	107.17	107.14	108.02	108.06	107.92			
PROGRESSIVE PROGETTO					-11.23	-10.00	-6.25	-5.99	-3.50	0.00	3.50	4.75	6.25	7.55	8.90	
PARZIALI PROGETTO						4.98	5.00	1.50	1.25	5.00	3.50	5.00	1.25	1.50	1.30	1.35
QUOTE PROGETTO					106.43	107.25	109.75	108.89	109.80	109.95	110.11	110.22	110.17	109.30	107.10	

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-8

PROGRESSIVA 99.64

BA BASE	m ²	2.50
BI BINDER	m ²	0.96
BO BONIFICA	m ²	6.96
DE DEMOLIZIONI	m ²	1.75
RI RILEVATO	m ²	12.12
U USURA	m ²	0.50
VG VEGETALE	m ²	2.42
e SEMINA	m	8.92
g GEOTESSUTO	m	8.70
sc SCOTICO	m	8.70



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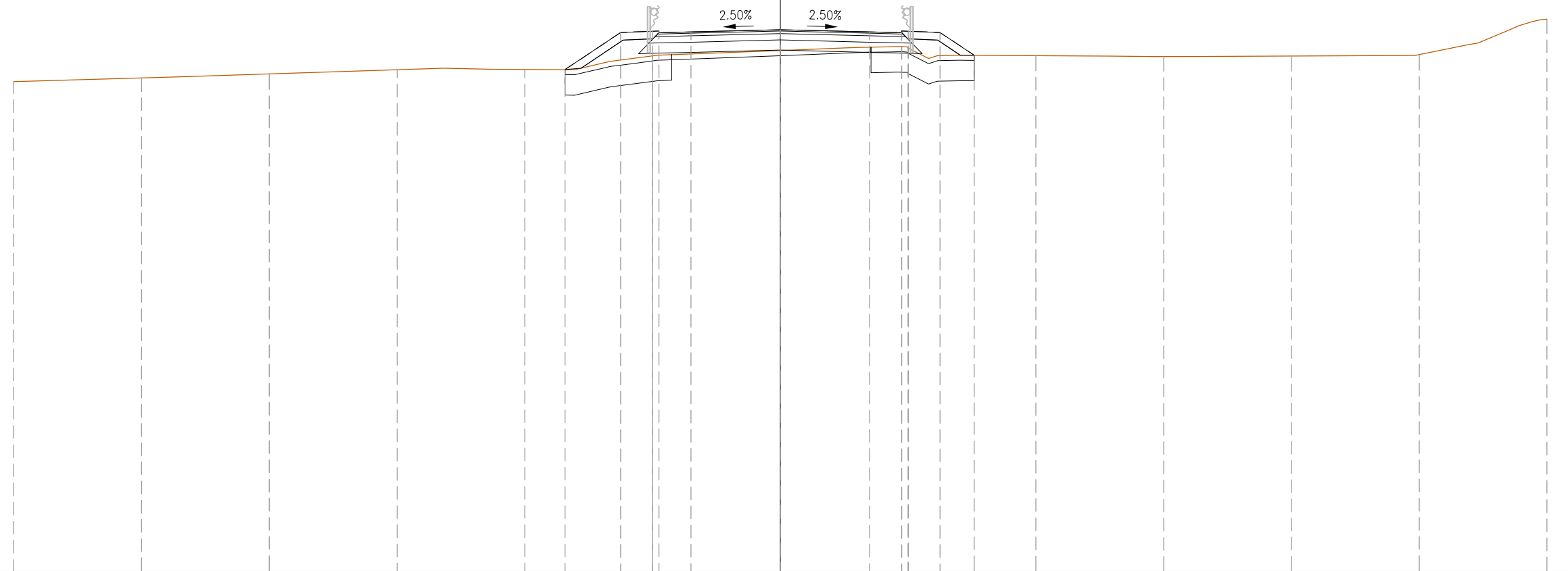
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
QUOTE TERRENO	106.94	107.11	107.32	107.43	107.62	107.82	108.02	107.73	107.74	107.81	107.86	108.94	109.18	
PROGRESSIVE PROGETTO						-8.75	-6.25	-5.99	-3.50	0.00	3.50	4.75	6.25	8.67
PARZIALI PROGETTO						2.50	1.50	1.25	5.00	3.50	1.25	1.50	2.42	
QUOTE PROGETTO						107.67	109.34	109.38	109.36	109.45	109.36	109.39	109.34	107.73

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-9

PROGRESSIVA 120.00

BA BASE	m ²	2.50
BI BINDER	m ²	0.96
DE DEMOLIZIONI	m ²	1.56
RI RILEVATO	m ²	2.37
SV SCAVO	m ²	0.34
U USURA	m ²	0.50
VG VEGETALE	m ²	1.88
e SEMINA	m	7.23
g GEOTESSUTO	m	8.41



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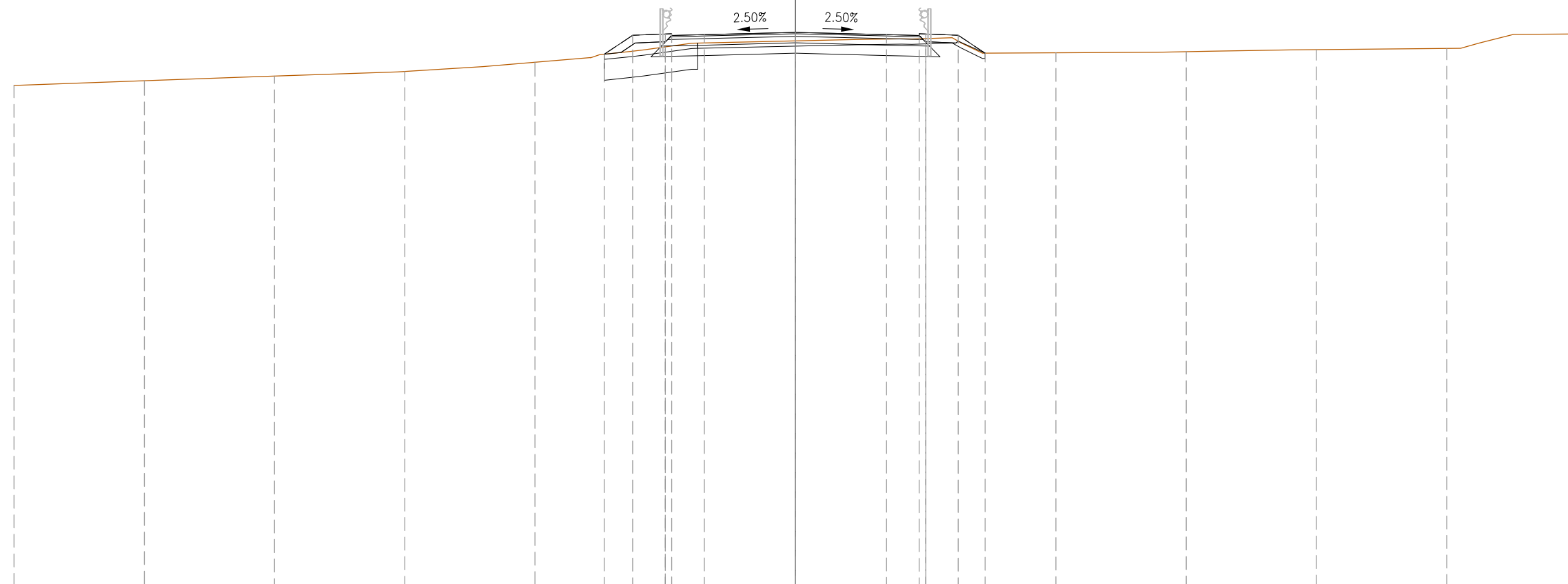
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
QUOTE TERRENO	107.17	107.32	107.48	107.64	107.65	108.18	108.39	108.49	108.19	108.15	108.17	108.23	109.61	
PROGRESSIVE PROGETTO						-8.43	-6.25	-5.99	-3.50	0.00	3.50	4.76	6.25	7.59
PARZIALI PROGETTO						2.18	1.50	1.25	5.00	3.50	1.25	1.50	1.34	
QUOTE PROGETTO						107.64	109.09	108.15	109.12	109.20	109.12	109.08	109.09	108.20

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-10

PROGRESSIVA 140.00

BA	BASE	m ²	2.50
BI	BINDER	m ²	0.96
DE	DEMOLIZIONI	m ²	2.22
RI	RILEVATO	m ²	0.34
SV	SCAVO	m ²	5.04
U	USURA	m ²	0.50
VG	VEGETALE	m ²	1.25
e	SEMINA	m	5.55
g	GEOTESSUTO	m	3.62



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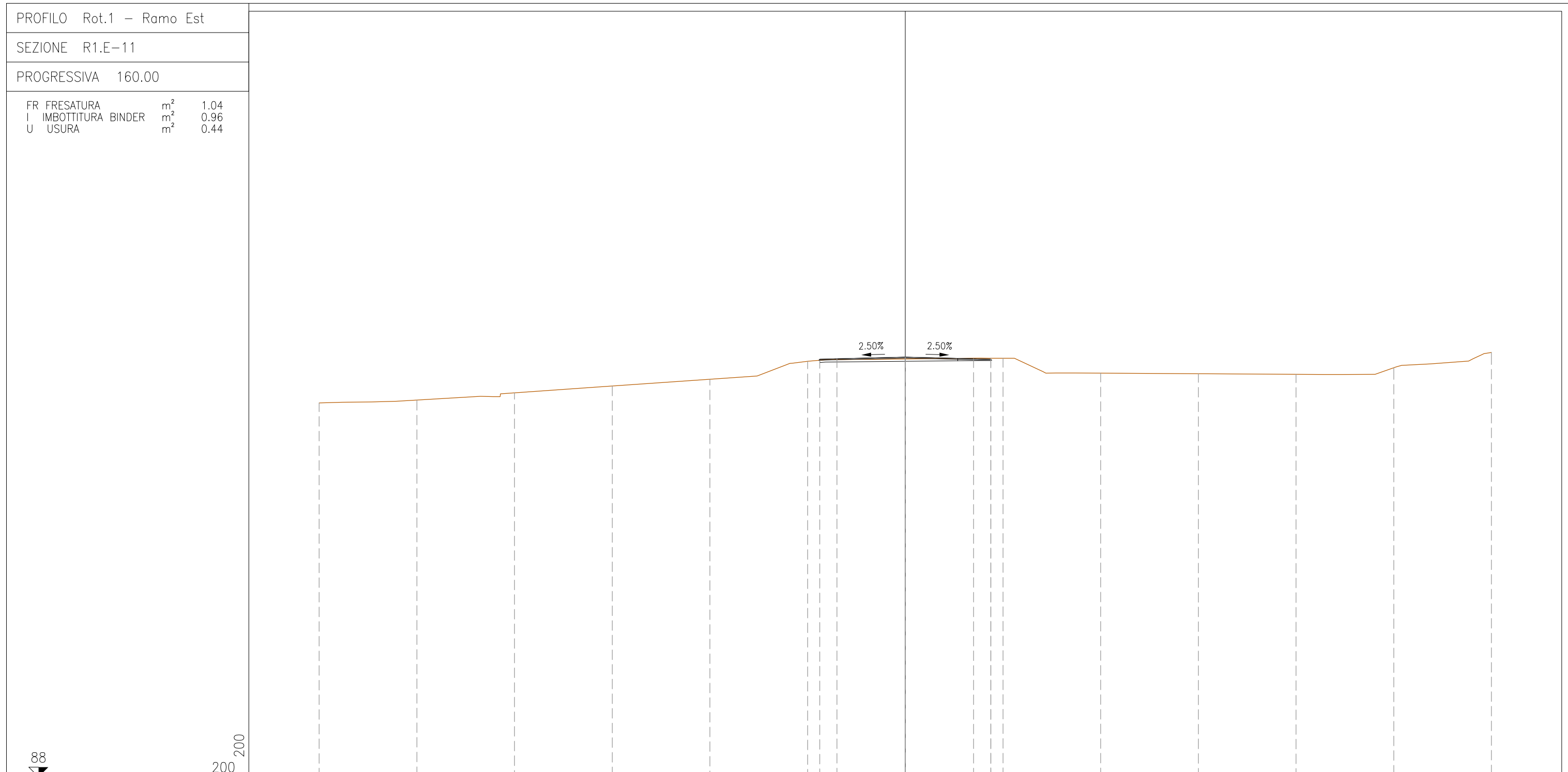
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00	
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
QUOTE TERRENO	107.19	107.37	107.55	107.73	108.08	108.67	108.90	108.99	108.45	108.49	108.57	108.61	109.17	
PROGRESSIVE PROGETTO						-7.34	-6.25	-5.99	-3.50	0.00	3.50	4.75	6.25	7.28
PARZIALI PROGETTO						1.09	1.50	1.25	5.00	5.00	3.50	1.25	1.50	1.03
QUOTE PROGETTO						108.39	109.12	108.16	109.14	109.23	109.14	109.17	109.12	108.43

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-11

PROGRESSIVA 160.00

FR FRESATURA	m ²	1.04
I IMBOTTITURA BINDER	m ²	0.96
U USURA	m ²	0.44



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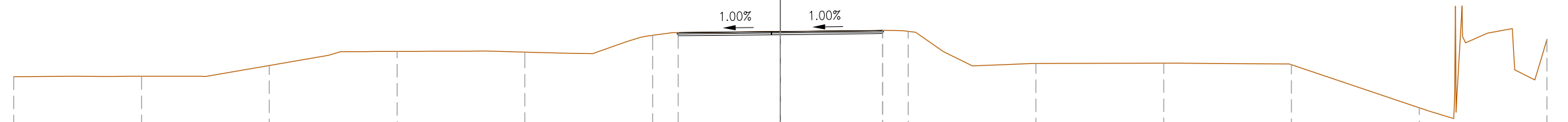
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	107.15	107.29	107.66	108.01	108.36	109.27	109.40	109.43	108.67	108.64	108.61	108.94	109.73
PROGRESSIVE PROGETTO						-4.38	0.00	3.50					
PARZIALI PROGETTO						0.88	3.50	3.50					
QUOTE PROGETTO						109.33	109.40	109.49	109.40	109.38	109.44		

PROFILO Rot.1 - Ramo Est

SEZIONE R1.E-12

PROGRESSIVA 180.00

FR FRESATURA	m ²	0.97
I IMBOTTITURA BINDER	m ²	0.56
U USURA	m ²	0.42



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PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
QUOTE TERRENO	108.02	108.03	108.46	109.01	108.98	109.64	109.79	109.79	108.54	108.55	108.49	106.80	109.48
PROGRESSIVE PROGETTO						-4.00	0.00	4.00					
PARZIALI PROGETTO							8.00						
QUOTE PROGETTO						109.75	109.79	109.83	109.84				

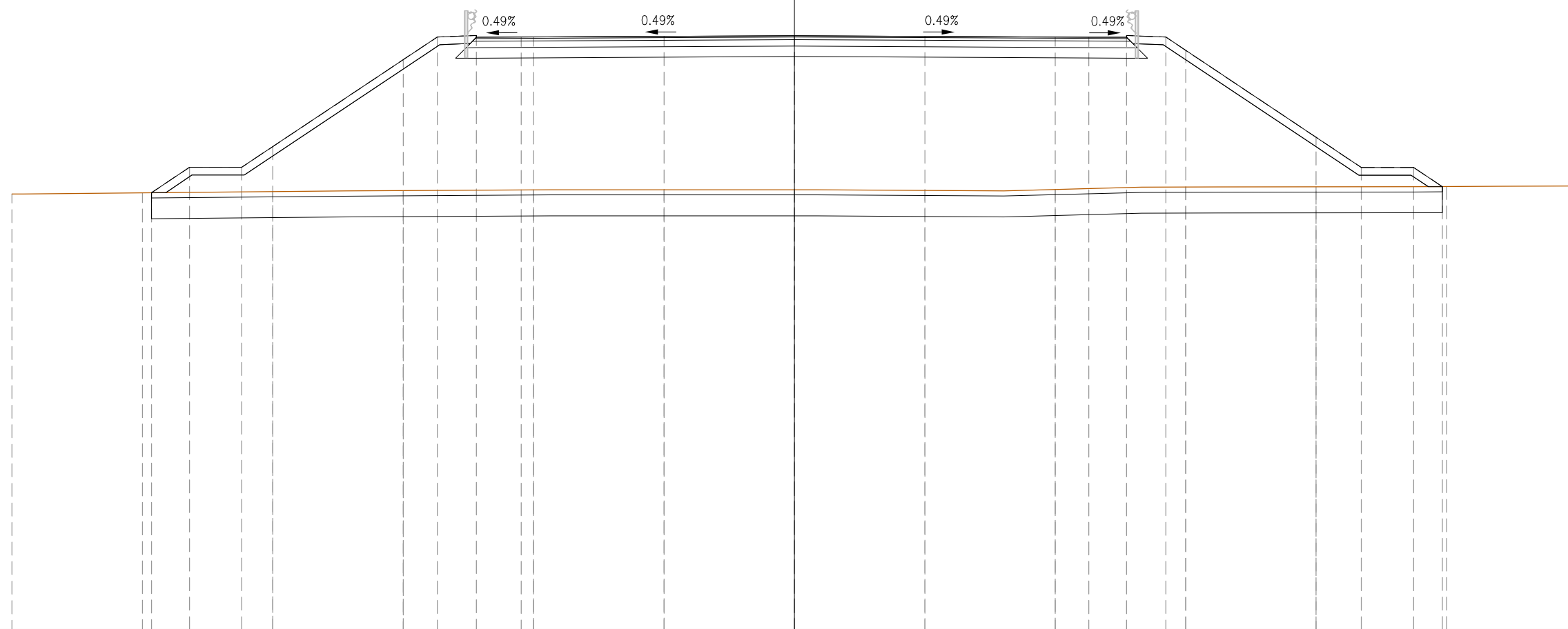
RAMO RACCORDO A.P.

PROFILO Rufina - Tratto 1

SEZIONE 2

PROGRESSIVA 23.00

BA BASE	m ²	6.36
BI BINDER	m ²	2.51
BO BONIFICA	m ²	39.59
MG MISTO GRANULARE	m ²	10.49
RI RILEVATO	m ²	189.78
SV SCAVO	m ²	49.84
U USURA	m ²	1.23
VG VEGETALE	m ²	8.23
e SEMINA	m	28.10
g GEOTESSUTO	m	49.49
sc SCOTICO	m	49.49



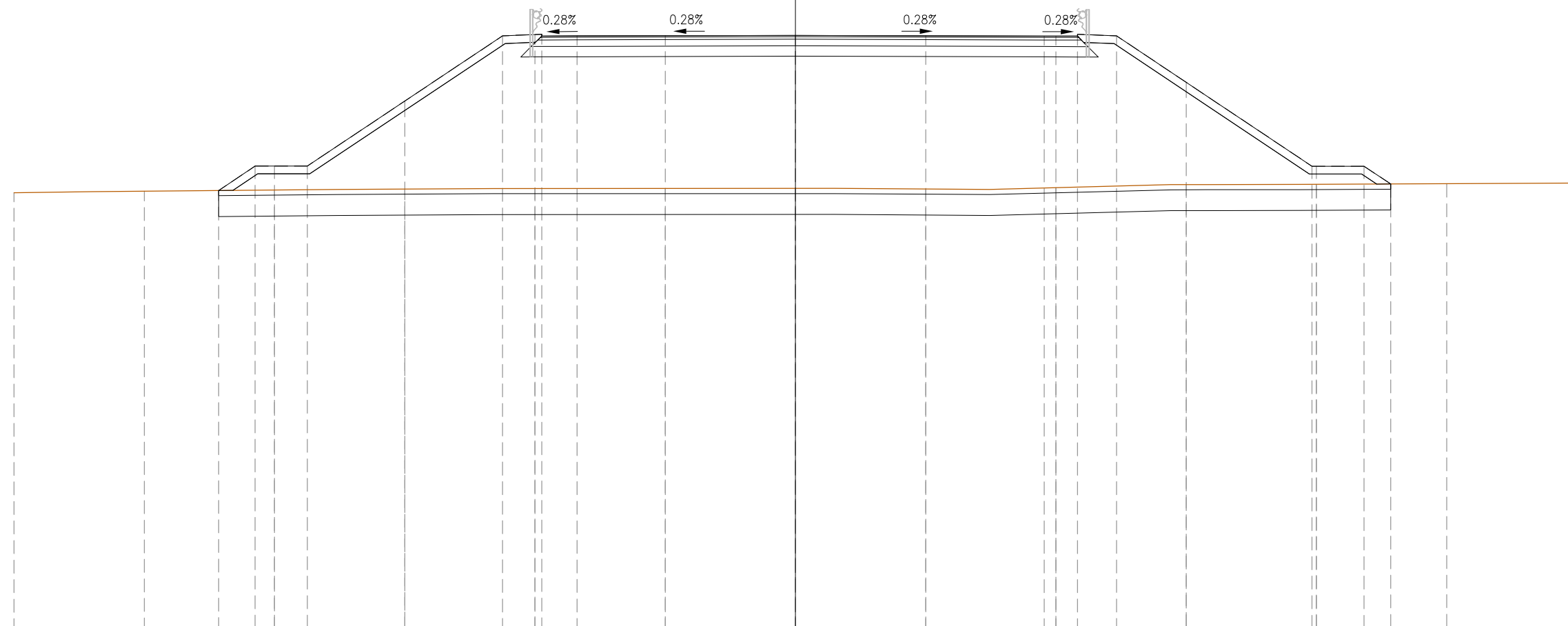
PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00									
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00									
QUOTE TERRENO	105.70	105.75	105.79	105.83	105.86	105.86	105.86	105.84	105.87	105.96	105.97	105.98	106.05									
PROGRESSIVE PROGETTO		-24.65	-23.19	-21.19	-20.00	-15.00	-13.69	-12.19	-10.47	-10.00	-5.00	0.00	5.00	10.00	11.29	12.74	14.24	15.00	20.00	21.74	23.74	24.84
PARZIALI PROGETTO			1.46	2.00	5.00		1.50	1.72		5.00	10.47	5.00		5.00	11.29	5.00		5.00	5.00		2.00	1.10
QUOTE PROGETTO		105.75	106.72	106.72	107.51	110.85	111.72	111.78	111.72	111.72	111.75	111.77	111.75	111.72	111.71	111.71	111.72	111.21	107.87	106.72	106.72	105.98

PROFILO Rufina - Tratto 1

SEZIONE 3

PROGRESSIVA 25.00

BA BASE	m ²	5.28
BI BINDER	m ²	2.08
BO BONIFICA	m ²	35.99
MG MISTO GRANULARE	m ²	8.70
RI RILEVATO	m ²	166.61
SV SCAVO	m ²	43.99
U USURA	m ²	1.01
VG VEGETALE	m ²	8.09
e SEMINA	m	27.93
g GEOTESSUTO	m	44.99
sc SCOTICO	m	44.99



PROGRESSIVE TERRENO	-30.00	-25.00	-20.00	-15.00	-10.00	-5.00	0.00	5.00	10.00	15.00	20.00	25.00	30.00										
PARZIALI TERRENO		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00										
QUOTE TERRENO	105.69	105.75	105.80	105.84	105.85	105.86	105.86	105.84	105.89	106.00	106.01	106.04	106.06										
PROGRESSIVE PROGETTO		-22.14	-20.74	-18.74	-15.00	-11.24	-9.00	-8.39	-5.00	0.00	5.00	9.55	10.00	10.83	12.33	15.00	18.86	21.83	22.85				
PARZIALI PROGETTO			1.40	2.00	5.00	7.50	5.00	1.50	1.35	5.00	8.39	5.00	5.00	9.55	5.00	1.28	1.50	5.00	7.50	5.00	2.00	1.02	
QUOTE PROGETTO		105.78	106.71	106.71	106.71	109.21	111.71	111.79	111.71	111.72	111.73	111.72	111.70	111.70	111.71	109.93	106.71	106.71	106.03				