




S.S. 38 - LOTTO 4: VARIANTE DI TIRANO DALLO SVINCOLO DI STAZZONA (COMPRESO) ALLO SVINCOLO DI LORETO (CON COLLEGAMENTO ALLA DOGANA DI POSCHIAVO)

S.S. 38 - LOTTO 4: NODO DI TIRANO - TRATTA "A" (SVINCOLO DI BIANZONE - SVINCOLO LA GANDA) E TRATTA "B" (SVINCOLO LA GANDA - CAMPONE IN TIRANO)

PROGETTO ESECUTIVO

 Ing. Renato Vaira (Ordine degli Ingg. di Torino e Provincia n° 4663 W)	 Ing. Valerio Bajetti Ordine degli Ingg. di Roma e provincia n° A-26211	ING. RENATO DEL PRETE  Ing. Renato Del Prete Ordine degli Ingg. di Bari e provincia n° 5073	 Arch. Nicoletta Frattini Ordine degli Arch. di Torino e provincia n° A-8433	 Ing. Gabriele Incecchi Ordine degli Ingg. di Roma e provincia n° A-12102
	 Società designata: GA&M	SETAC Srl Servizi & Engineering Trasporti Ambiente Costruzioni  Prof. Ing. Luigi Monterisi Ordine degli Ingg. di Bari e provincia n° 1771	 Ing. Gioacchino Angarano Ordine degli Ingg. di Bari e provincia n° 5970	DOTT. GEOL. DANILLO GALLO  Dott. Geol. Danilo Gallo Ordine dei Geologi della Regione Puglia n° 588

XΩVU... Dott. Ing. Giancarlo LUONGO	 Ing. Valerio BAJETTI	 Dott. Geol. Francesco AMANTIA SCUDERI	 Ing. Gaetano RANIERI
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	<b>D - PROGETTO STRADALE</b> <b>DC-2 - RICUCITURA VIA SVANDANA</b> ÜÖZΩP&VÜÆXÖÜÜÖŠQ				
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ÖUÖÖÄÜÜÖÖVVU ÜÜÜÖÖVVU    Š&ÄÜÜÖÈ    P&ÄÜÜÖÈ <b>T Q H G I</b> <b>Ò</b> <b>F Ì € F</b>	P-UT ÖÄÖÖ DC204 - S02PS00TRASZ01_A.dwg ÖUÖÖÖÖ ÖŠ&ÖÈ <b>Ü € G Ü Ü € € V Ü Æ Ü Z € F</b>	ÜÖXÖΩPÖ	ÜÖÖŠ&K  <b>F I G E E</b>
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Ô Ó Æ ÜÖXÈ	EMISSIONE ÖÖÜÖÜ&PÖ	ÖÖÖÜ&VÜÆFJ Ö&VÆ	ING. LUCREZIA POLI ÜÖÖ&VU	ING. FABRIZIO BAJETTI XÖÜ&Ö&VU	ING. VALERIO BAJETTI &ÜÜÜX&VU
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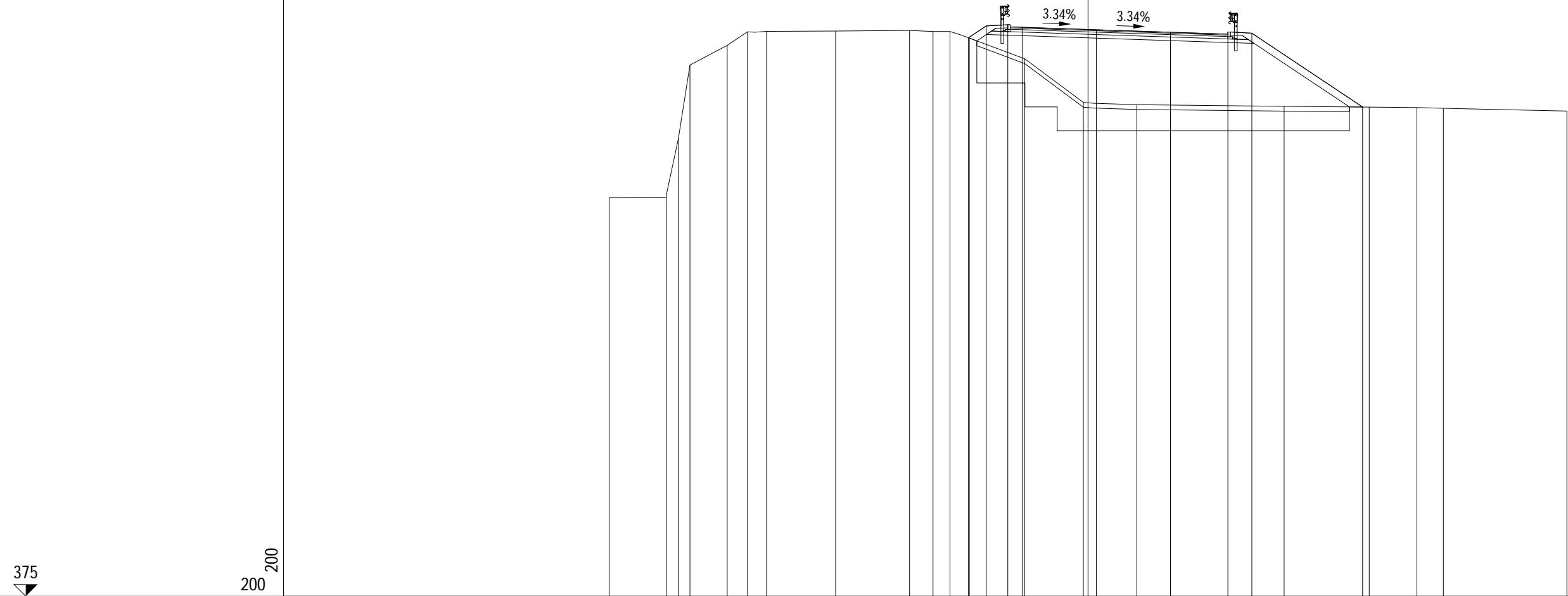


PROFILO ViaSvandana\_rev

SEZIONE 5

PROGRESSIVA 80.00

A RILEVATO	m <sup>2</sup>	30.05
AR ARIDO	m <sup>2</sup>	15.29
AS RILEVATO SCOTICO	m <sup>2</sup>	3.11
BO BONIFICA	m <sup>2</sup>	15.29
D BASE	m <sup>2</sup>	0.91
G FONDAZIONE	m <sup>2</sup>	1.63
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.16
SC SCOTICO	m <sup>2</sup>	3.11
V VEGETALE	m <sup>2</sup>	2.09
a USURA	m	9.09
c BINDER	m	9.09



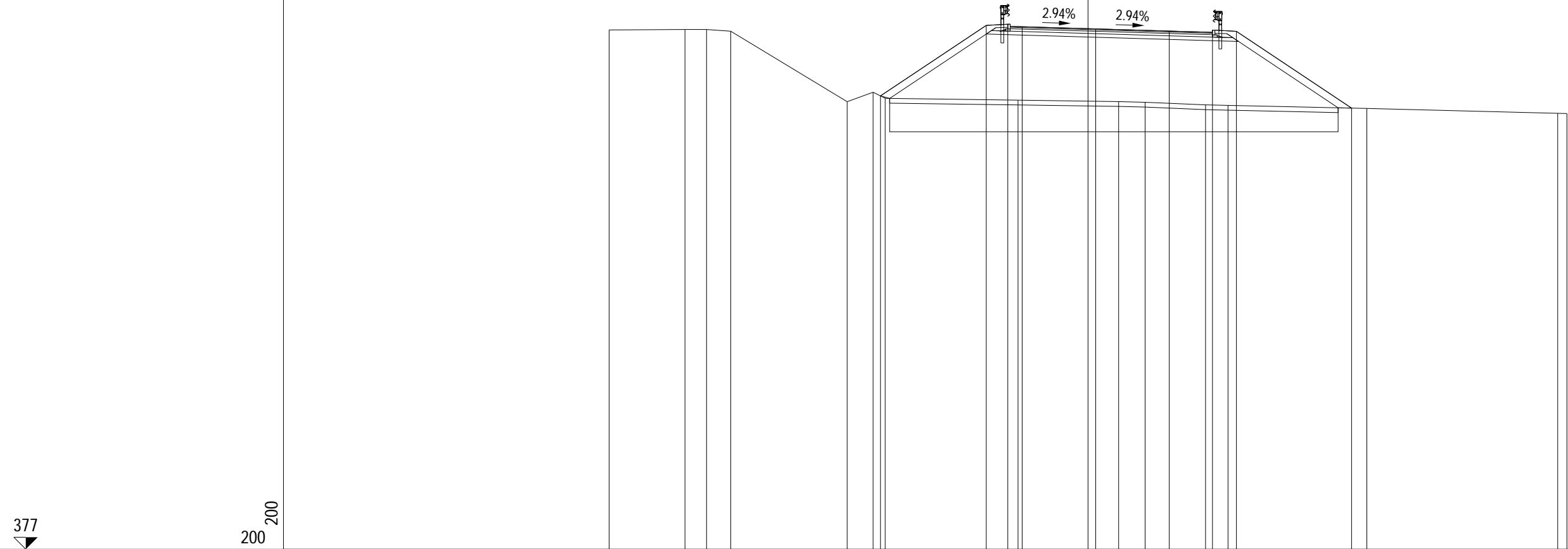
PROGRESSIVE TERRENO	-20.00	-17.61	-17.11	-16.62	-15.07	-14.22	-13.43	-10.54	-7.45	-6.47	-5.76	-4.96	-2.65	-0.19	2.04	8.19	11.74	13.74	14.84	20.00
PARZIALI TERRENO	2.39	0.50	0.49	1.55	0.85	0.79	2.89	3.09	0.98	0.71	0.80	2.31	2.46	2.23	6.15	3.55	2.00	1.10	5.16	
QUOTE TERRENO	391.65	391.65	394.11	397.18	398.00	398.57	398.59	398.60	398.63	398.58	398.58	398.31	397.44	395.62	395.53	395.46	395.43	395.41	395.38	395.26
PROGRESSIVE PROGETTO												-4.99	-4.25	-3.35	-2.75	0.35	3.44	5.84	6.84	11.47
PARZIALI PROGETTO												0.74	0.90	0.60	3.10	3.09	2.40	1.00	4.63	
QUOTE PROGETTO												398.32	398.82	398.87	398.76	398.66	398.55	398.56	398.51	395.43

PROFILO ViaSvandana\_rev

SEZIONE 6

PROGRESSIVA 100.00

A RILEVATO	m <sup>2</sup>	39.37
AR ARIDO	m <sup>2</sup>	19.14
AS RILEVATO SCOTICO	m <sup>2</sup>	3.75
BO BONIFICA	m <sup>2</sup>	19.14
D BASE	m <sup>2</sup>	0.85
G FONDAZIONE	m <sup>2</sup>	1.55
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.15
SC SCOTICO	m <sup>2</sup>	3.75
V VEGETALE	m <sup>2</sup>	3.49
a USURA	m	8.45
c BINDER	m	8.45



PROGRESSIVE TERRENO	-20.00	-16.83	-15.93	-14.92	-10.06	-8.98	-8.47	-2.92	1.28	2.38	4.91	5.85	11.64	19.62	20.00
PARZIALI TERRENO	3.17	0.90	1.01	4.86	1.08	0.51	5.55	4.20	1.10	2.53	0.94	5.79	7.98	0.38	
QUOTE TERRENO	398.69	398.71	398.71	398.64	395.69	396.09	395.84	395.76	395.70	395.67	395.56	395.54	395.41	395.21	395.20
PROGRESSIVE PROGETTO					-8.67	-4.25	-3.35	-2.75	0.32	3.39	5.20	6.20	11.01		
PARZIALI PROGETTO					4.42	0.90	0.60	3.07	3.07	1.81	1.00	4.81			
QUOTE PROGETTO					395.93	398.88	398.93	398.82	398.73	398.64	398.68	398.63	395.43		



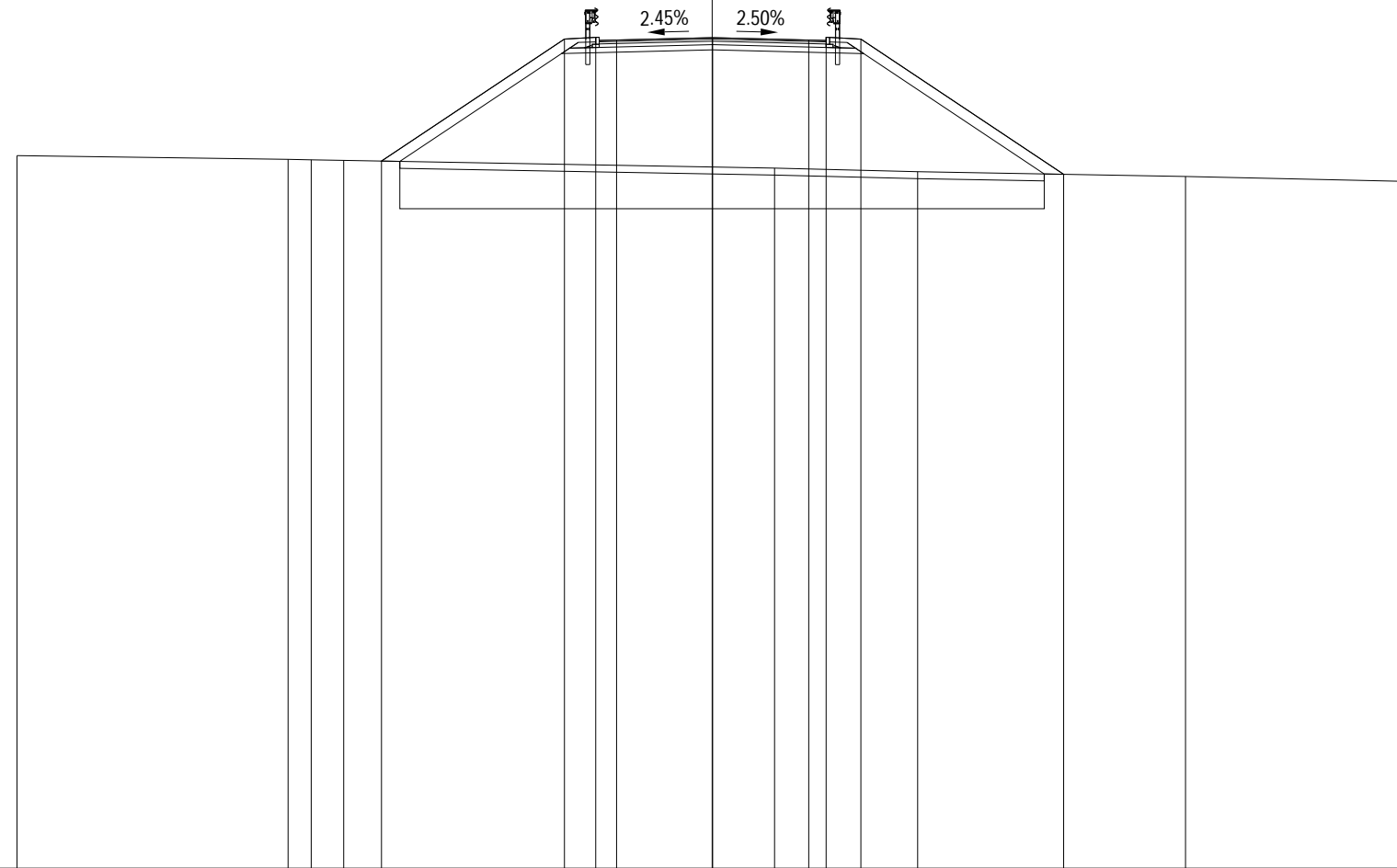


PROFILO ViaSvandana\_rev

SEZIONE 8

PROGRESSIVA 140.00

A RILEVATO	m <sup>2</sup>	45.00
AR ARIDO	m <sup>2</sup>	18.37
AS RILEVATO SCOTICO	m <sup>2</sup>	3.71
BO BONIFICA	m <sup>2</sup>	18.37
D BASE	m <sup>2</sup>	0.65
G FONDAZIONE	m <sup>2</sup>	1.26
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.18
SC SCOTICO	m <sup>2</sup>	3.71
V VEGETALE	m <sup>2</sup>	4.07
a USURA	m	6.53
c BINDER	m	6.53



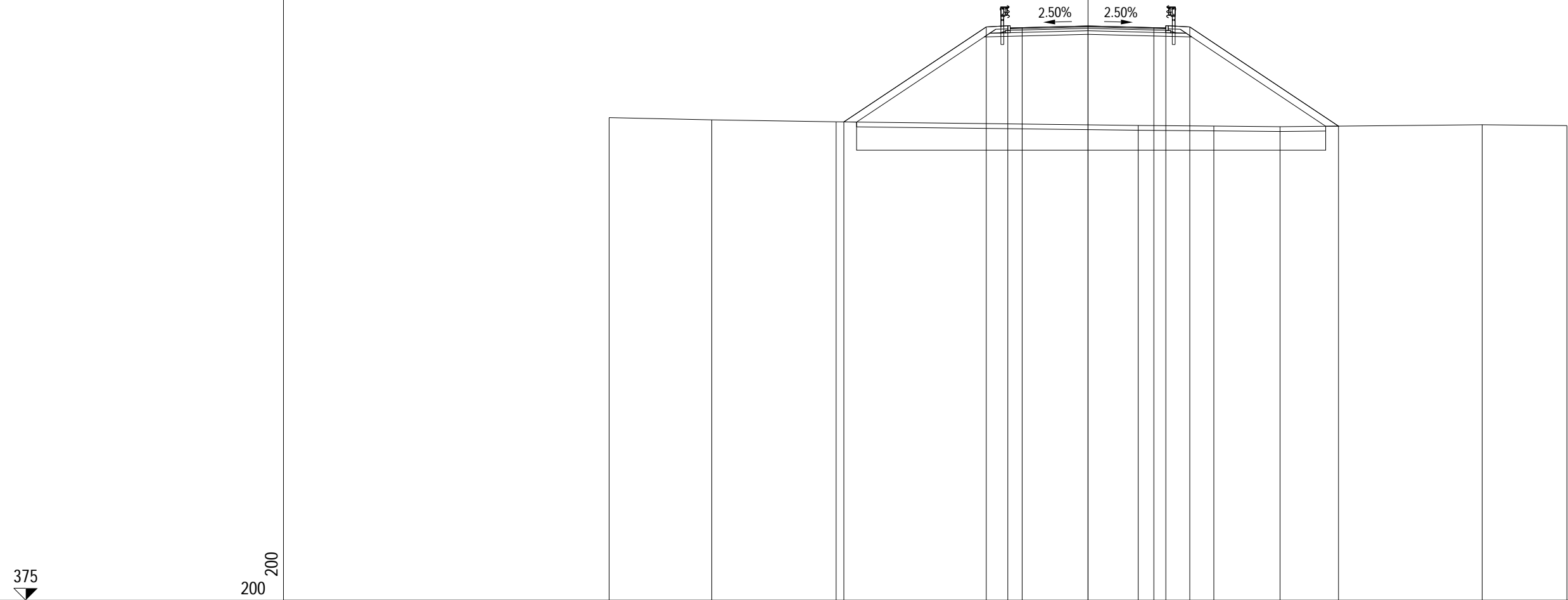
PROGRESSIVE TERRENO		-20.00		-12.20	-11.54	-10.60			1.79	5.91		13.62	20.00		
PARZIALI TERRENO			7.80	0.66	0.94		12.39		4.12	7.71		6.38			
QUOTE TERRENO		395.50		395.39	395.38	395.36			395.14	395.04		394.90	394.76		
PROGRESSIVE PROGETTO						-9.51		-4.25	-3.35	-2.75	0.01	2.78	3.28	4.28	10.11
PARZIALI PROGETTO							5.26	0.90	0.60	2.76	2.77	0.50	1.00	5.83	
QUOTE PROGETTO						395.34		398.85	398.90	398.83	398.89	398.82	398.90	398.85	394.96

PROFILO ViaSvandana\_rev

SEZIONE 9

PROGRESSIVA 160.00

A RILEVATO	m <sup>2</sup>	52.32
AR ARIDO	m <sup>2</sup>	16.85
AS RILEVATO SCOTICO	m <sup>2</sup>	3.92
BO BONIFICA	m <sup>2</sup>	16.85
D BASE	m <sup>2</sup>	0.66
G FONDAZIONE	m <sup>2</sup>	1.26
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.18
SC SCOTICO	m <sup>2</sup>	3.92
V VEGETALE	m <sup>2</sup>	4.55
a USURA	m	6.50
c BINDER	m	6.50



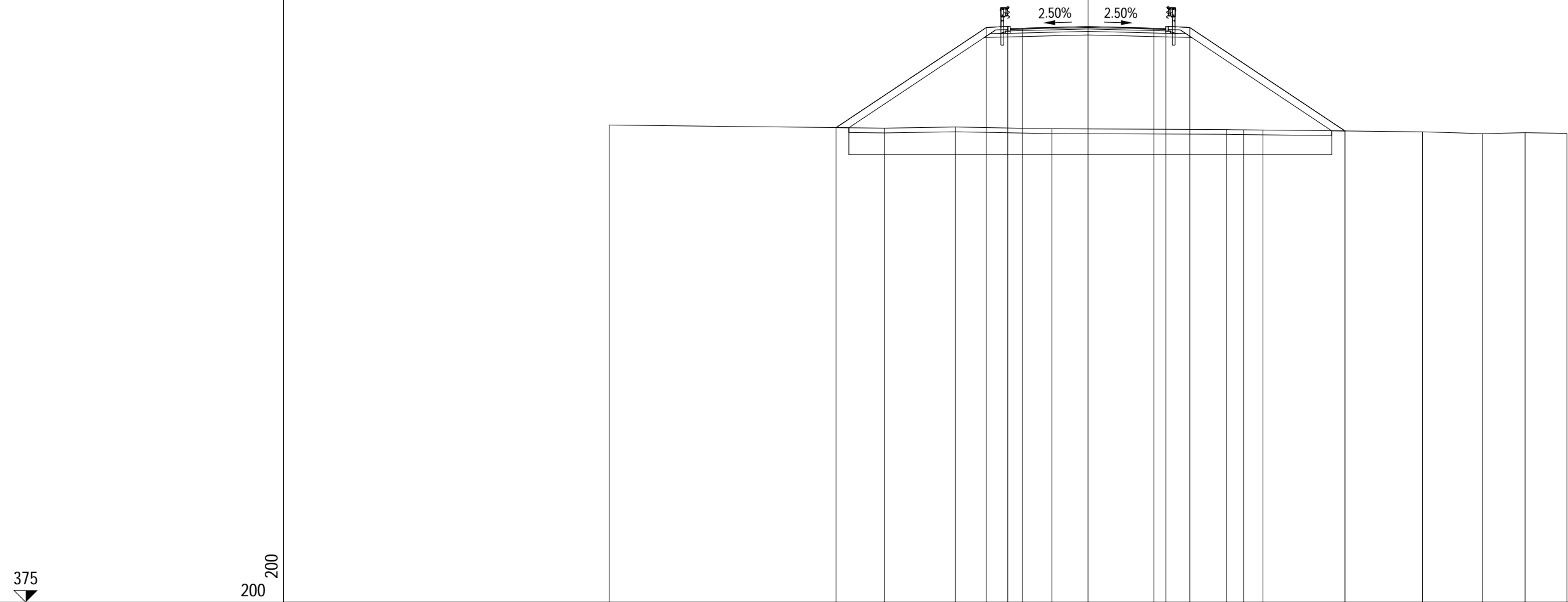
PROGRESSIVE TERRENO	-20.00	-15.71	-10.52		2.10	5.25	8.02		16.46	20.00				
PARZIALI TERRENO		4.29	5.19		12.62	3.15	2.77		8.44	3.54				
QUOTE TERRENO	395.15	395.05	394.97		394.82	394.79	394.77		394.85	394.81				
PROGRESSIVE PROGETTO			-10.20		-4.25	-3.35	-2.75		0.00	2.75	3.25	4.25		10.46
PARZIALI PROGETTO				5.95	0.90	0.60	2.75		2.75	0.50	1.00		6.21	
QUOTE PROGETTO			394.97		398.93	398.98	398.90		398.97	398.90	398.98	398.93		394.79

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SEZIONE 10

PROGRESSIVA 180.00

A RILEVATO	m <sup>2</sup>	55.29
AR ARIDO	m <sup>2</sup>	17.77
AS RILEVATO SCOTICO	m <sup>2</sup>	4.04
BO BONIFICA	m <sup>2</sup>	17.77
D BASE	m <sup>2</sup>	0.66
G FONDAZIONE	m <sup>2</sup>	1.24
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.18
SC SCOTICO	m <sup>2</sup>	4.04
V VEGETALE	m <sup>2</sup>	4.73
a USURA	m	6.50
c BINDER	m	6.50



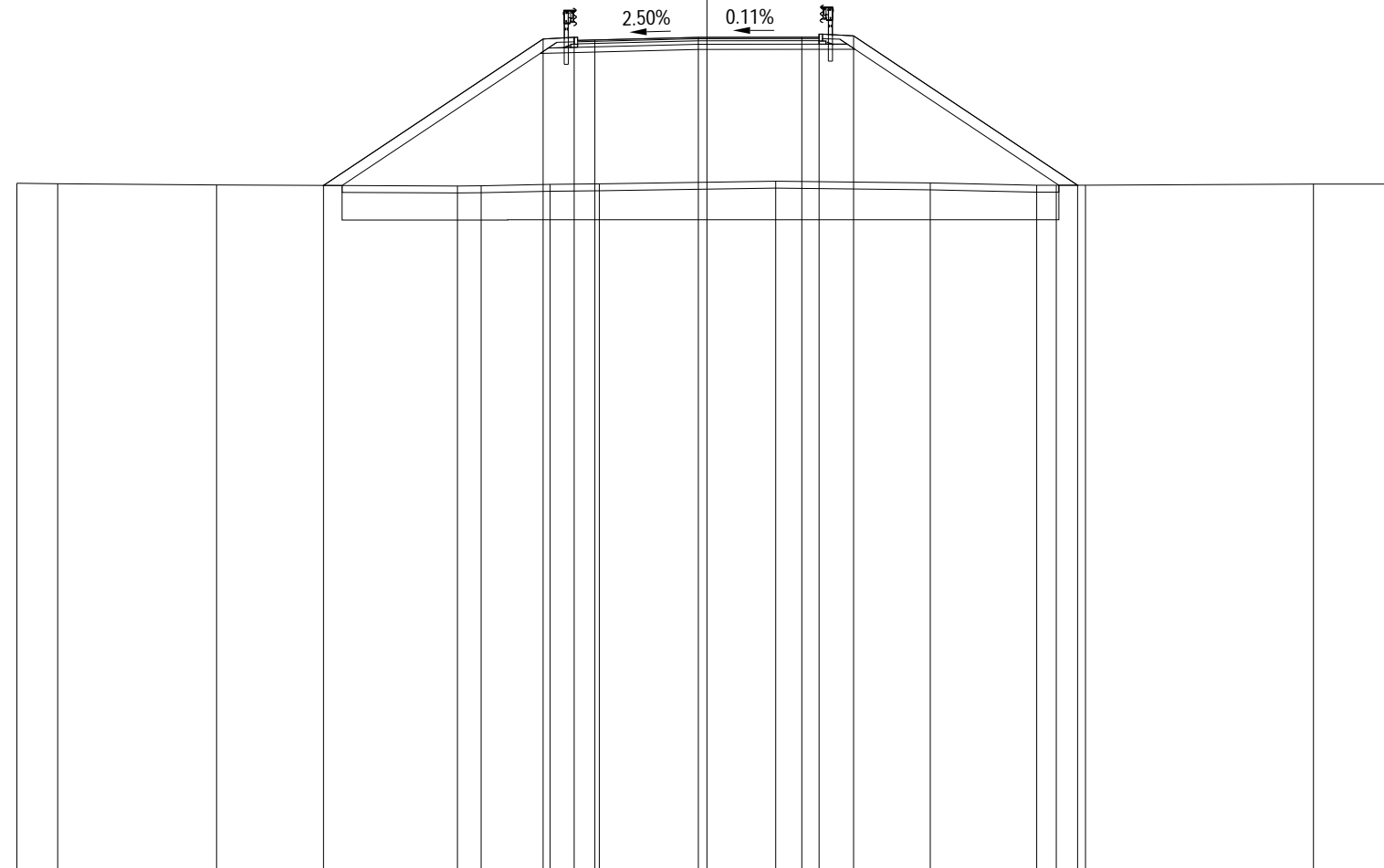
PROGRESSIVE TERRENO	-20.00	-8.50	-5.54	-1.51	5.78	6.50	7.31	13.97	16.47	18.25	20.00
PARZIALI TERRENO	11.50	2.96	4.03	7.29	0.72	0.81	6.66	2.50	1.78	1.75	
QUOTE TERRENO	394.94	394.81	394.86	394.78	394.75	394.74	394.73	394.65	394.58	394.62	394.59
PROGRESSIVE PROGETTO	-10.52	-4.25	-3.35	-2.75	0.00	2.75	3.25	4.25	10.73		
PARZIALI PROGETTO	6.27	0.90	0.60	2.75	2.75	0.50	1.00	6.48			
QUOTE PROGETTO	394.83	399.01	399.06	398.98	399.05	398.98	399.06	399.01	394.69		

PROFILO ViaSvandana\_rev

SEZIONE 11

PROGRESSIVA 200.00

A RILEVATO	m <sup>2</sup>	57.35
AR ARIDO	m <sup>2</sup>	17.45
AS RILEVATO SCOTICO	m <sup>2</sup>	4.19
BO BONIFICA	m <sup>2</sup>	17.45
D BASE	m <sup>2</sup>	0.70
G FONDAZIONE	m <sup>2</sup>	1.34
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.18
SC SCOTICO	m <sup>2</sup>	4.19
V VEGETALE	m <sup>2</sup>	4.75
a USURA	m	7.00
c BINDER	m	7.00



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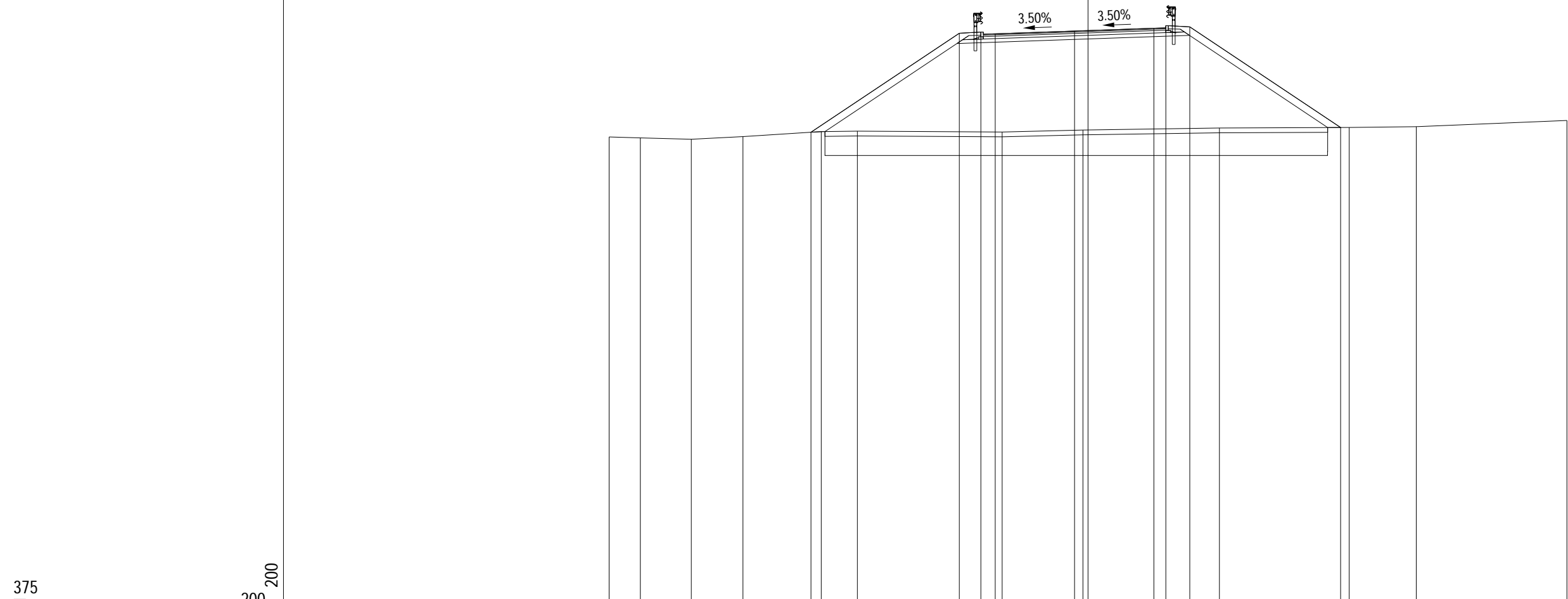
PROGRESSIVE TERRENO		-20.00	-18.82	-14.21		-7.23	-6.54	-4.55	-3.12		1.99		6.47	9.56	10.12	10.97		17.58	20.00
PARZIALI TERRENO		1.18	4.61	6.98	0.69	1.99	1.43	5.11	4.48	3.09	0.56	0.85	6.61	2.42					
QUOTE TERRENO		394.90	394.89	394.86	394.82	394.83	394.87	394.89	394.96	394.91	394.85	394.85	394.85	394.88	394.88				
PROGRESSIVE PROGETTO				-11.11			-4.75	-3.85	-3.25	-0.25	2.75	3.25	4.25	10.74					
PARZIALI PROGETTO			6.36	0.90	0.60	3.00	3.00	0.50	1.00	6.49									
QUOTE PROGETTO			394.84	399.08	399.13	399.06	399.13	399.14	399.23	399.18	394.85								

PROFILO ViaSvandana\_rev

SEZIONE 12

PROGRESSIVA 220.00

A RILEVATO	m <sup>2</sup>	58.18
AR ARIDO	m <sup>2</sup>	18.08
AS RILEVATO SCOTICO	m <sup>2</sup>	4.21
BO BONIFICA	m <sup>2</sup>	18.08
D BASE	m <sup>2</sup>	0.77
G FONDAZIONE	m <sup>2</sup>	1.42
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.17
SC SCOTICO	m <sup>2</sup>	4.21
V VEGETALE	m <sup>2</sup>	4.64
a USURA	m	7.62
c BINDER	m	7.62



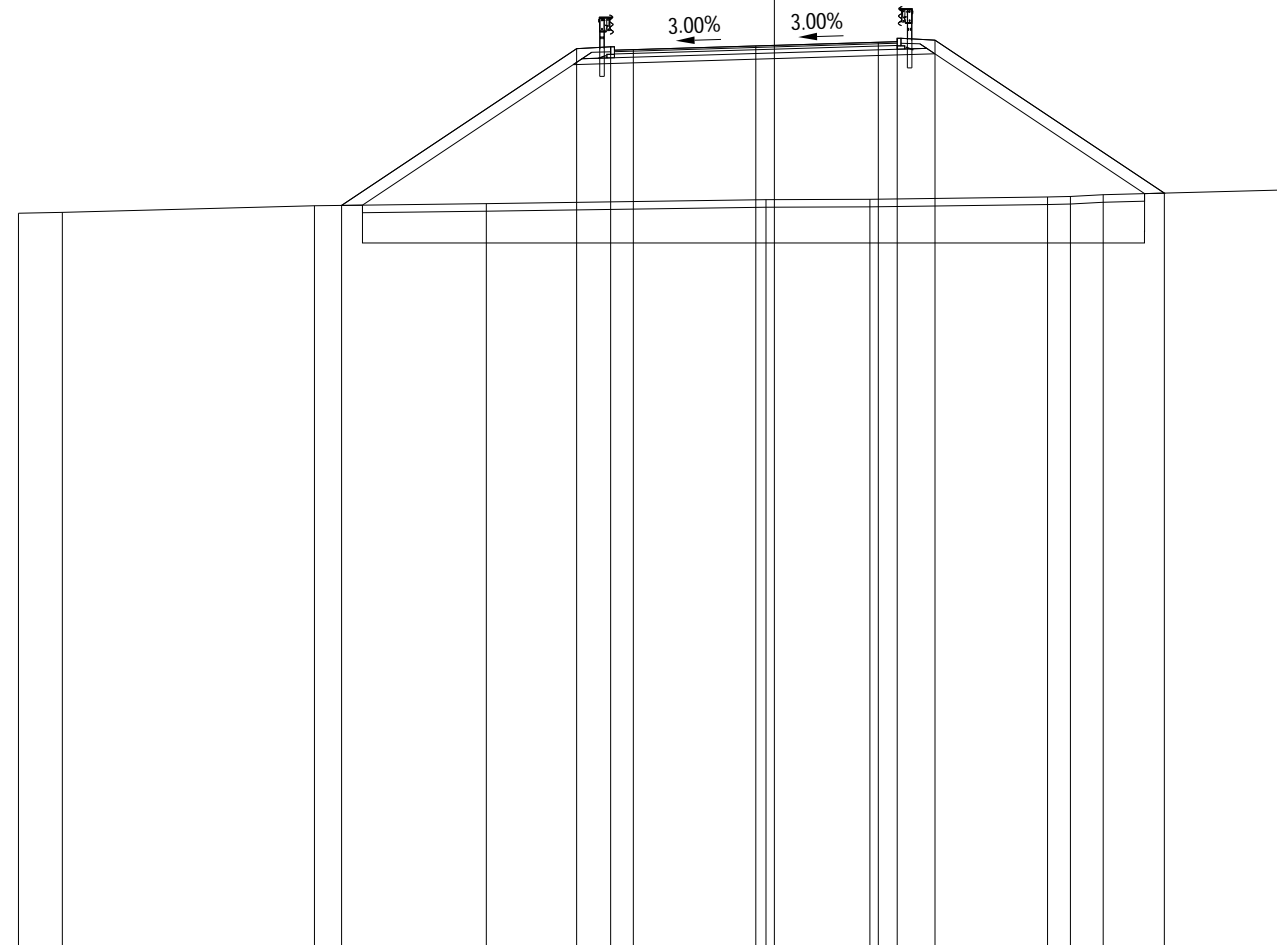
PROGRESSIVE TERRENO	-20.00	-18.70	-16.57	-14.41	-11.14	-9.63		-3.59	-0.21		5.49	10.91	13.71	20.00	
PARZIALI TERRENO	1.30	2.13	2.16	3.27	1.51	6.04		3.38	5.70	5.42	2.80	6.29			
QUOTE TERRENO	394.79	394.75	394.70	394.81	395.02	395.03		395.00	395.08	395.16	395.19	395.22	395.48		
PROGRESSIVE PROGETTO					-11.57			-5.37	-4.47	-3.87	-0.56	2.75	3.25	4.25	10.55
PARZIALI PROGETTO						6.20		0.90	0.60	3.31	3.31	0.50	1.00	6.30	
QUOTE PROGETTO					394.99			399.12	399.17	399.10	399.21	399.33	399.44	399.39	395.19

PROFILO ViaSvandana\_rev

SEZIONE 13

PROGRESSIVA 240.00

A RILEVATO	m <sup>2</sup>	56.52
AR ARIDO	m <sup>2</sup>	19.28
AS RILEVATO SCOTICO	m <sup>2</sup>	4.14
BO BONIFICA	m <sup>2</sup>	19.28
D BASE	m <sup>2</sup>	0.75
G FONDAZIONE	m <sup>2</sup>	1.38
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.17
SC SCOTICO	m <sup>2</sup>	4.14
V VEGETALE	m <sup>2</sup>	4.53
a USURA	m	7.48
c BINDER	m	7.48



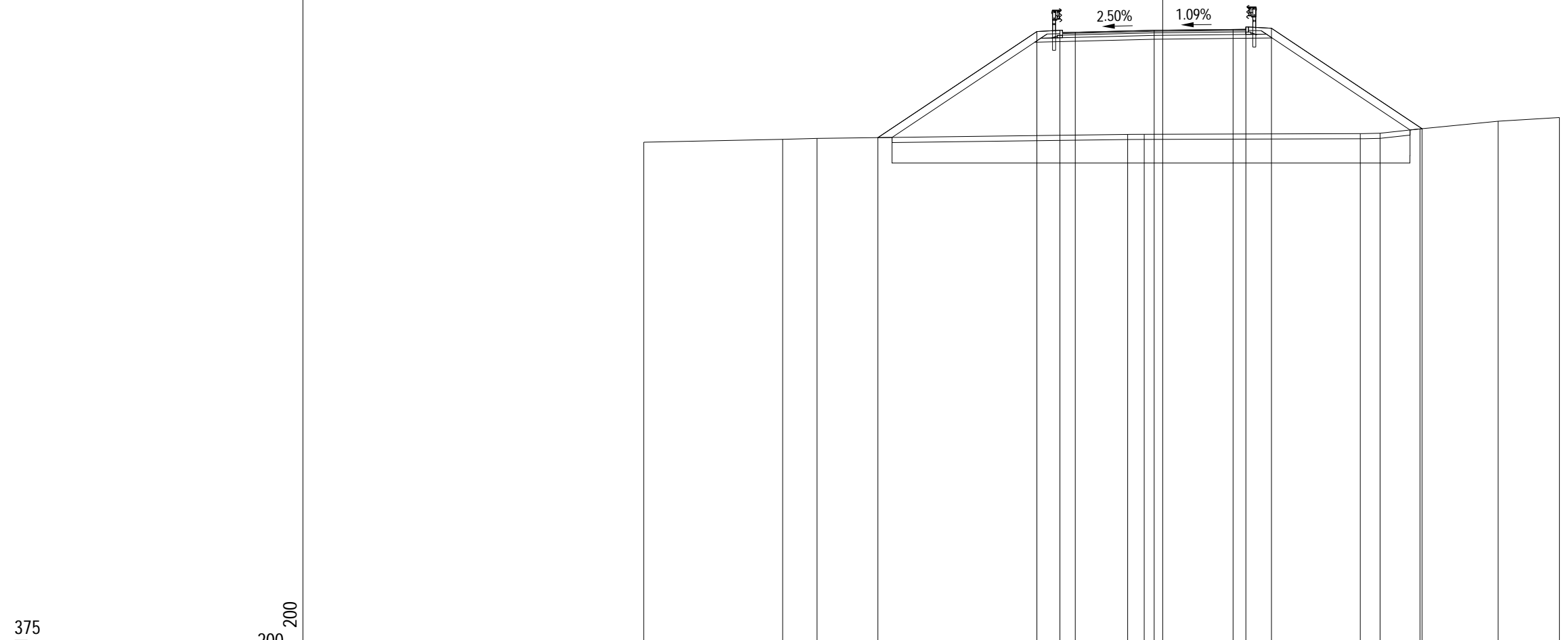
PROGRESSIVE TERRENO		-20.00	-18.84		-12.17		-7.62		-0.22		2.53		7.23	7.83	8.70		13.98
PARZIALI TERRENO		1.16		6.67		4.55		7.40		2.75		4.70	0.60	0.87		5.28	
QUOTE TERRENO		394.87	394.89		395.06		395.12		395.23		395.23		395.30	395.31	395.36		395.49
PROGRESSIVE PROGETTO					-11.45		-5.23		-0.49		2.75		3.25			10.32	
PARZIALI PROGETTO					6.22		0.90		3.24		3.24		0.50	1.00		6.07	
QUOTE PROGETTO					399.07		399.22		399.27		399.29		399.39	399.49		399.44	

PROFILO ViaSvandana\_rev

SEZIONE 14

PROGRESSIVA 248.07

A RILEVATO	m <sup>2</sup>	54.85
AR ARIDO	m <sup>2</sup>	18.35
AS RILEVATO SCOTICO	m <sup>2</sup>	4.05
BO BONIFICA	m <sup>2</sup>	18.35
D BASE	m <sup>2</sup>	0.72
G FONDAZIONE	m <sup>2</sup>	1.36
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.17
SC SCOTICO	m <sup>2</sup>	4.05
V VEGETALE	m <sup>2</sup>	4.47
a USURA	m	7.17
c BINDER	m	7.17



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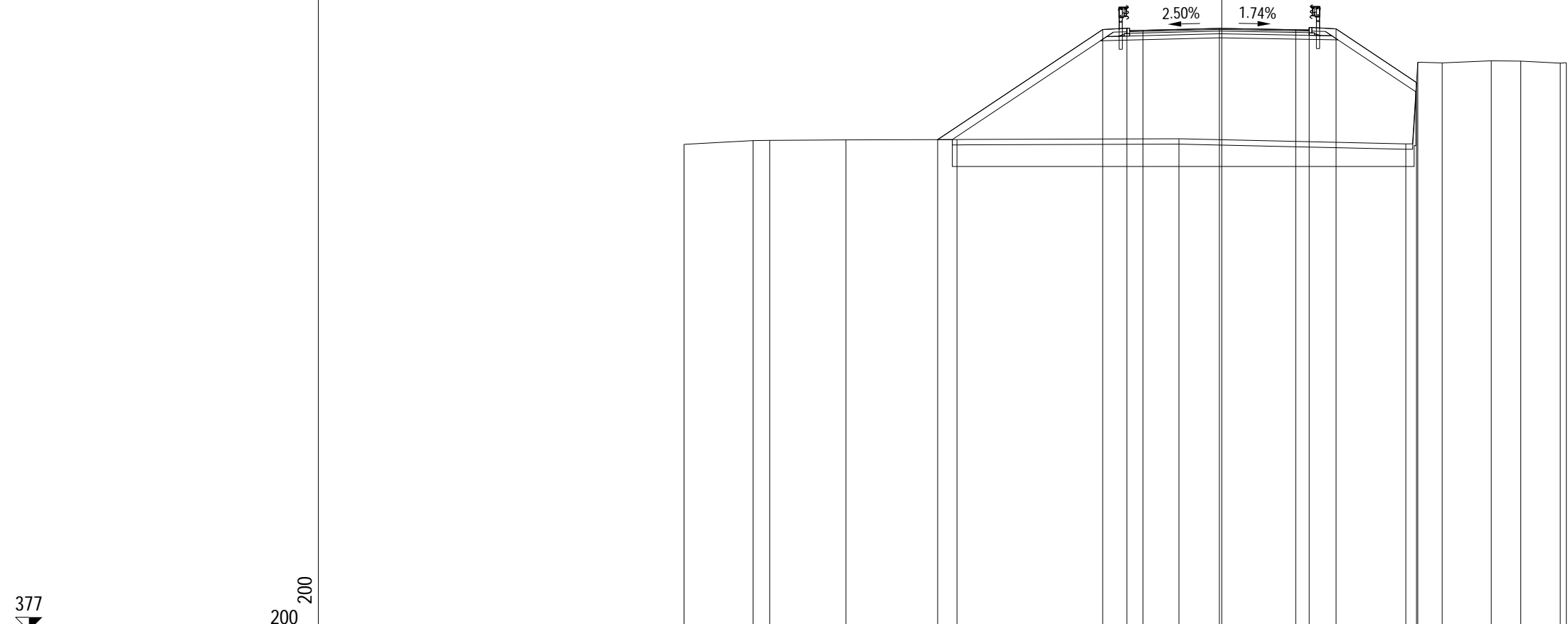
PROGRESSIVE TERRENO		-20.28		-14.85	-13.51			-1.37	-0.72			7.72	8.49	10.05	13.11	15.50
PARZIALI TERRENO			5.43	1.34		12.14		0.65		8.44		0.77	1.56	3.06	2.39	
QUOTE TERRENO		394.95		395.06	395.10			395.26	395.26			395.29	395.30	395.47	395.77	395.92
PROGRESSIVE PROGETTO					-11.13			-4.92	-4.02	-3.42		-0.33		2.75	3.25	4.25
PARZIALI PROGETTO						6.21		0.90	0.60		3.09		3.08	0.50	1.00	5.88
QUOTE PROGETTO					395.13			399.27	399.32	399.25		399.32		399.36	399.45	399.40
														395.46		

PROFILO ViaSvandana\_rev

SEZIONE 15

PROGRESSIVA 260.00

A RILEVATO	m <sup>2</sup>	51.40
AR ARIDO	m <sup>2</sup>	13.50
AS RILEVATO SCOTICO	m <sup>2</sup>	3.42
BO BONIFICA	m <sup>2</sup>	13.50
D BASE	m <sup>2</sup>	0.68
G FONDAZIONE	m <sup>2</sup>	1.29
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.18
SC SCOTICO	m <sup>2</sup>	3.42
V VEGETALE	m <sup>2</sup>	3.52
a USURA	m	6.68
c BINDER	m	6.68



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PROGRESSIVE TERRENO	-20.00	-17.43	-16.81	-13.98	-9.85	-1.59	6.84	7.29	8.20	10.02	11.12	12.59	12.81
PARZIALI TERRENO	2.57	0.62	2.83	4.13	8.26	8.43	0.45	0.91	1.82	1.10	1.47	0.22	
QUOTE TERRENO	395.08	395.22	395.22	395.24	395.26	395.29	395.09	398.13	398.11	398.18	398.17	398.10	398.11
PROGRESSIVE PROGETTO					-10.57	-4.43	-3.53	-2.93	-0.09	2.75	3.25	4.25	7.24
PARZIALI PROGETTO					6.14	0.90	0.60	2.84	2.84	0.50	1.00	2.99	
QUOTE PROGETTO					395.25	399.34	399.39	399.32	399.39	399.34	399.42	399.37	397.38

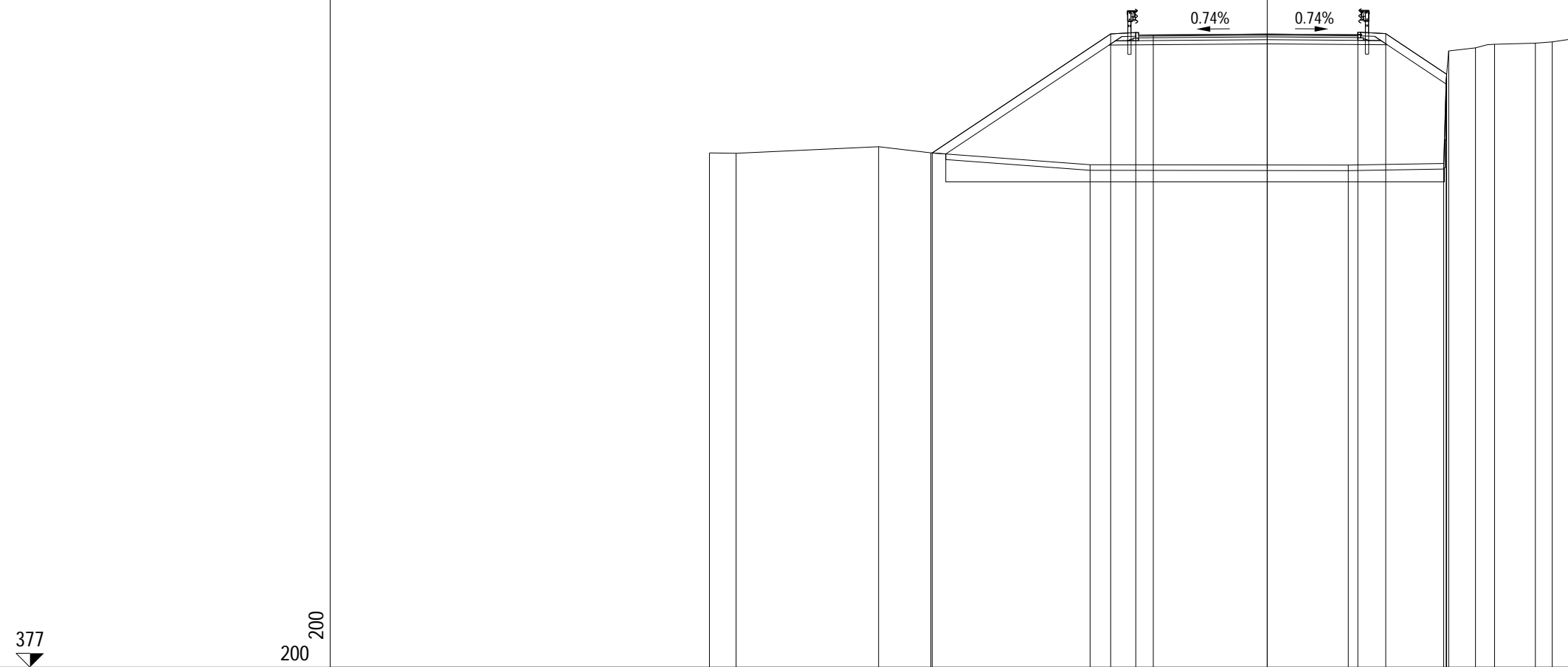


PROFILO ViaSvandana\_rev

SEZIONE 16

PROGRESSIVA 280.00

A RILEVATO	m <sup>2</sup>	63.22
AR ARIDO	m <sup>2</sup>	8.37
AS RILEVATO SCOTICO	m <sup>2</sup>	3.57
BO BONIFICA	m <sup>2</sup>	8.37
D BASE	m <sup>2</sup>	0.78
G FONDAZIONE	m <sup>2</sup>	1.47
H MIST. GRAN. COMPATTA	m <sup>2</sup>	0.17
SC SCOTICO	m <sup>2</sup>	3.57
V VEGETALE	m <sup>2</sup>	3.31
a USURA	m	8.16
c BINDER	m	7.86



PROGRESSIVE TERRENO	-20.00	-19.05	-13.93	-12.06	-6.35	2.91	6.33	6.42	6.51	7.47	8.15	9.62	10.22	11.10
PARZIALI TERRENO	0.95	5.12	1.87	5.71	9.26	3.42	0.09	0.09	0.96	0.68	1.47	0.60	0.88	
QUOTE TERRENO	395.44	395.42	395.66	395.44	395.01	395.00	395.06	398.06	399.09	399.20	399.33	399.37	399.42	399.55
PROGRESSIVE PROGETTO				-12.01	-5.61	0.00	3.25	4.25	6.43					
PARZIALI PROGETTO				6.40	0.90	4.09	3.40	0.85	2.18					
QUOTE PROGETTO				395.44	399.70	399.75	399.67	399.70	399.76	399.71	398.26			