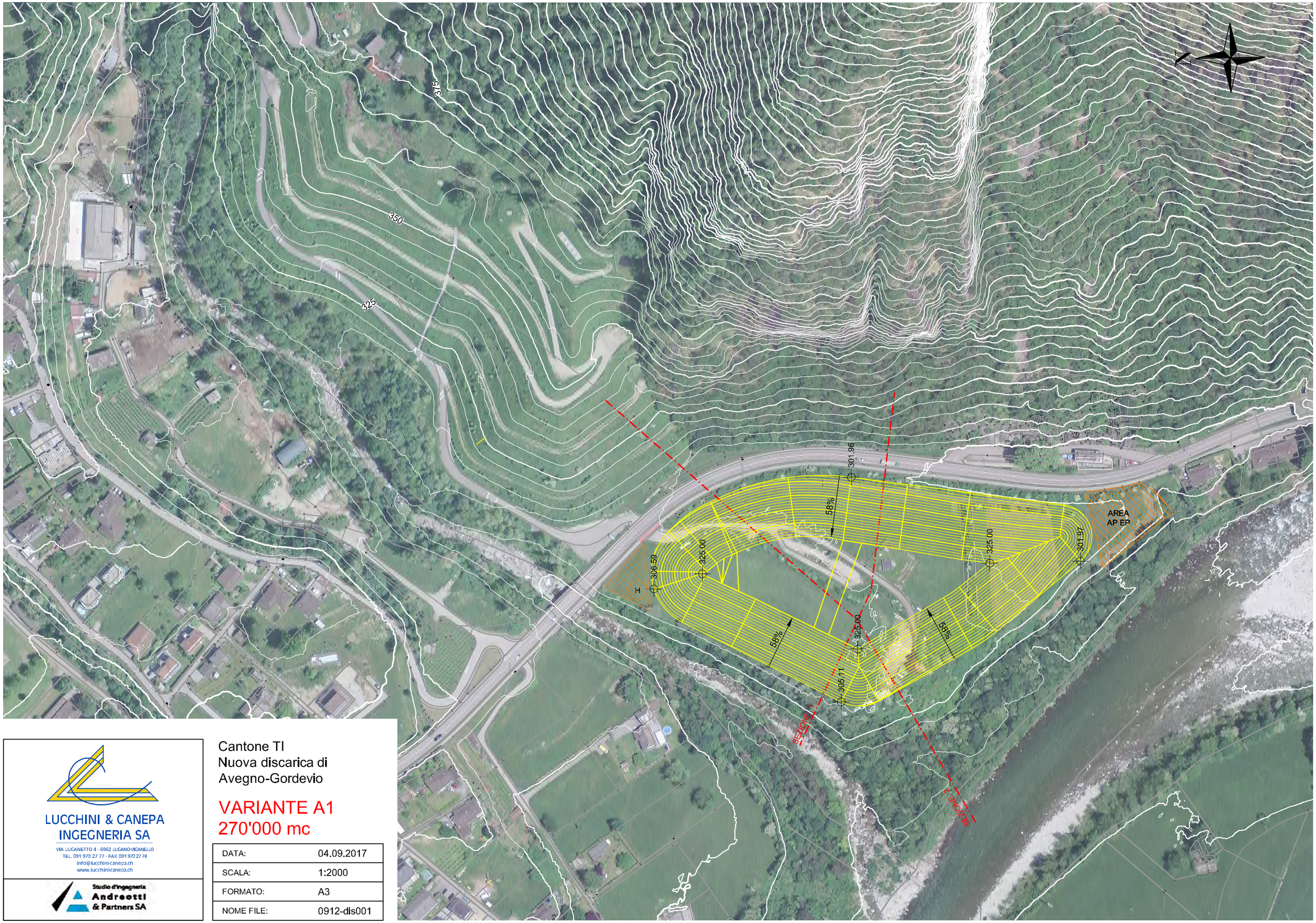
ALLEGATO 1 – VARIANTE A1

PLANIMETRIA 1:2’000

SEZIONI 1:100

VISTE PROSPETTICHE



LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 · 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 · FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

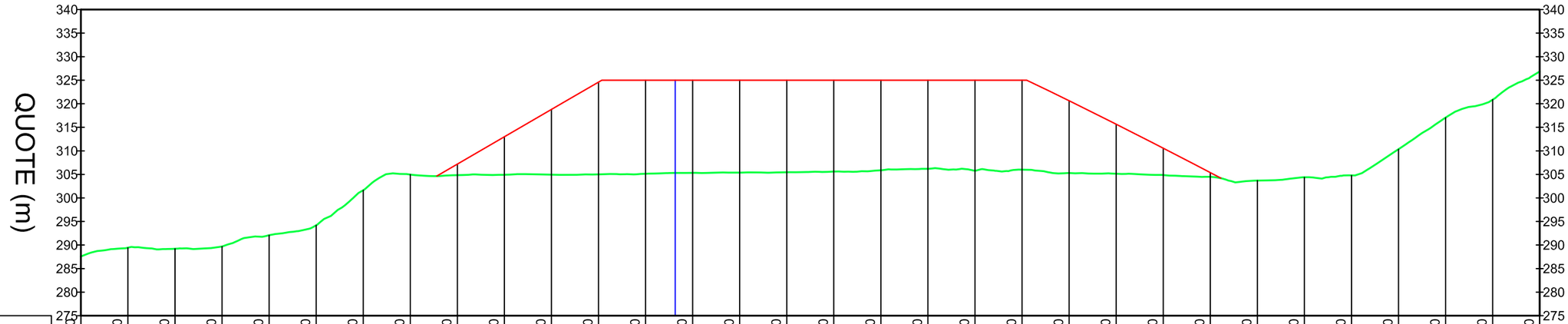
Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE A1
270'000 mc

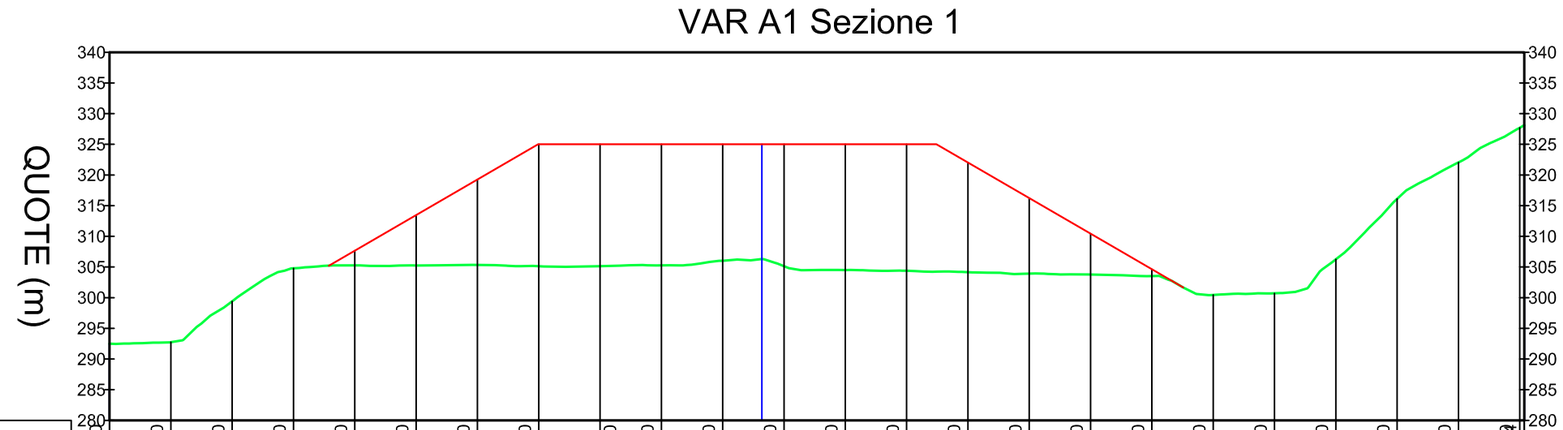
DATA:	04.09.2017
SCALA:	1:2000
FORMATO:	A3
NOME FILE:	0912-dis001

VAR A1 Sezione 2



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+020.00	287.57	
0+030.00	289.44	
0+040.00	289.22	
0+050.00	289.68	
0+060.00	292.09	
0+070.00	294.19	
0+080.00	301.63	
0+090.00	304.97	
0+100.00	304.83	307.19
0+110.00	304.93	312.99
0+120.00	304.91	318.80
0+130.00	305.03	324.60
0+140.00	305.14	325.00
0+150.00	305.33	325.00
0+160.00	305.38	325.00
0+170.00	305.47	325.00
0+180.00	305.61	325.00
0+190.00	305.87	325.00
0+200.00	306.18	325.00
0+210.00	305.76	325.00
0+220.00	306.02	325.00
0+230.00	305.30	320.63
0+240.00	305.15	315.65
0+250.00	304.86	310.56
0+260.00	304.48	305.38
0+270.00	303.70	
0+280.00	304.38	
0+290.00	304.79	
0+300.00	310.34	
0+310.00	317.05	
0+320.00	320.87	
0+330.00	326.83	

VAR A1 Sezione 1



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+000.00	292.51	
0+010.00	292.75	
0+020.00	299.41	
0+030.00	304.79	
0+040.00	305.26	307.66
0+050.00	305.25	313.46
0+060.00	305.34	319.26
0+070.00	305.16	325.00
		325.00
0+080.00	305.11	
0+090.00	305.25	325.00
0+100.00	306.00	325.00
0+110.00	305.13	325.00
0+120.00	304.50	325.00
0+130.00	304.38	325.00
0+140.00	304.16	322.02
0+150.00	303.91	316.22
0+160.00	303.77	310.43
0+170.00	303.52	304.63
0+180.00	300.45	
0+190.00	300.72	
0+200.00	306.26	
0+210.00	316.10	
0+220.00	322.04	
0+230.00	327.70	
0+240.00	328.94	

LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 • 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 • FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

Studio d'ingegneria Andreotti & Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE A1
Sezioni

DATA:	21.08.2017
SCALA:	1:1000
FORMATO:	A3
NOME FILE:	0912-dis001

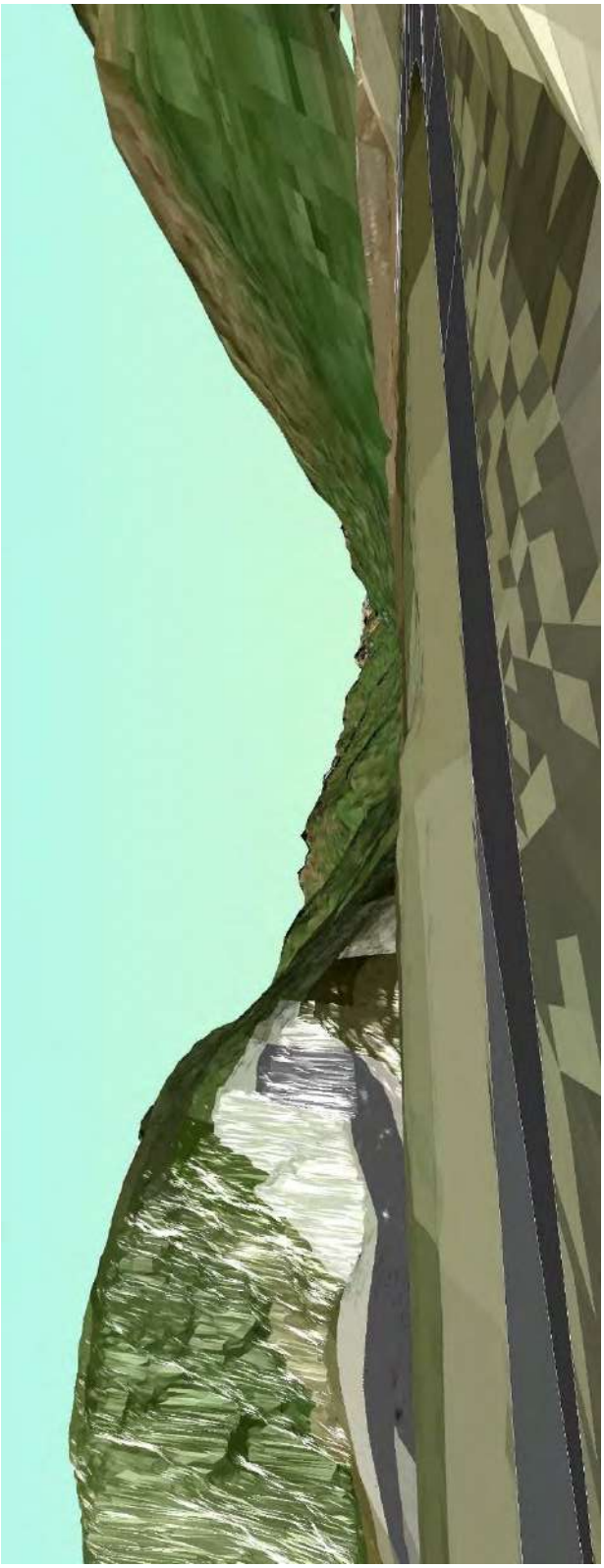


Figura 41: Simulazione vista attuale dai Grotti di Aurigeno

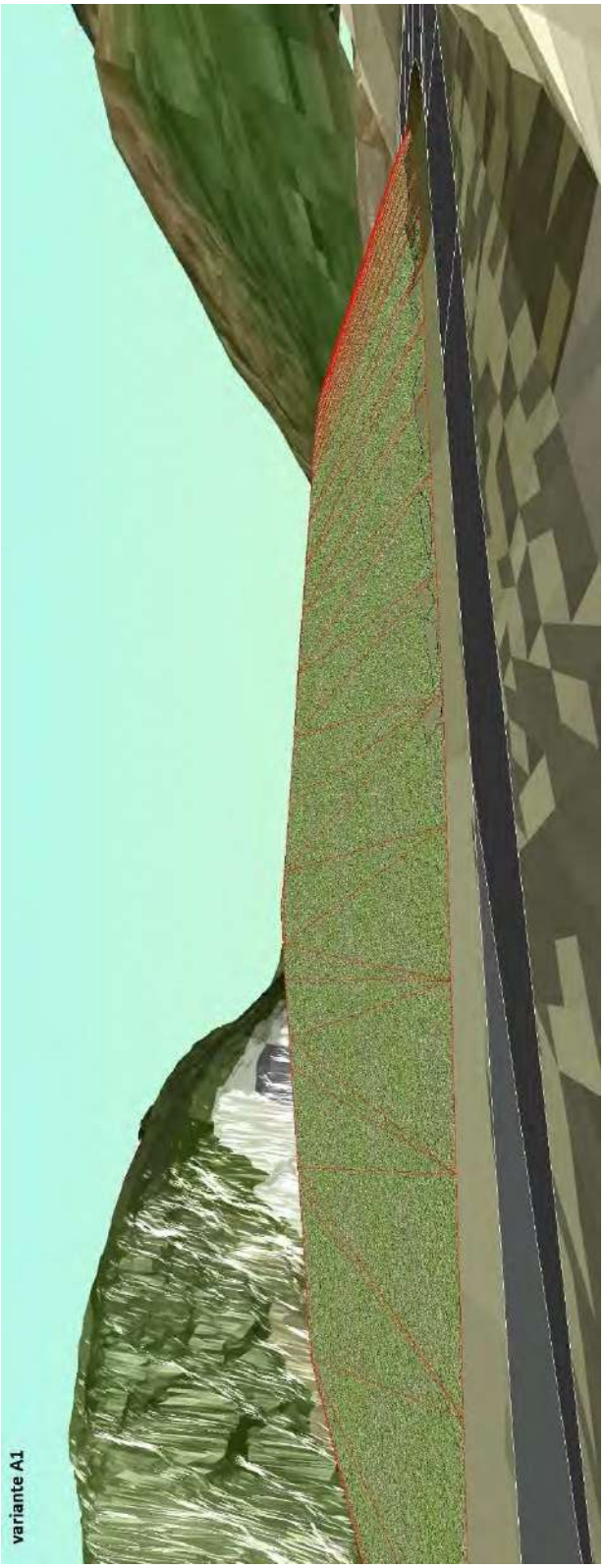


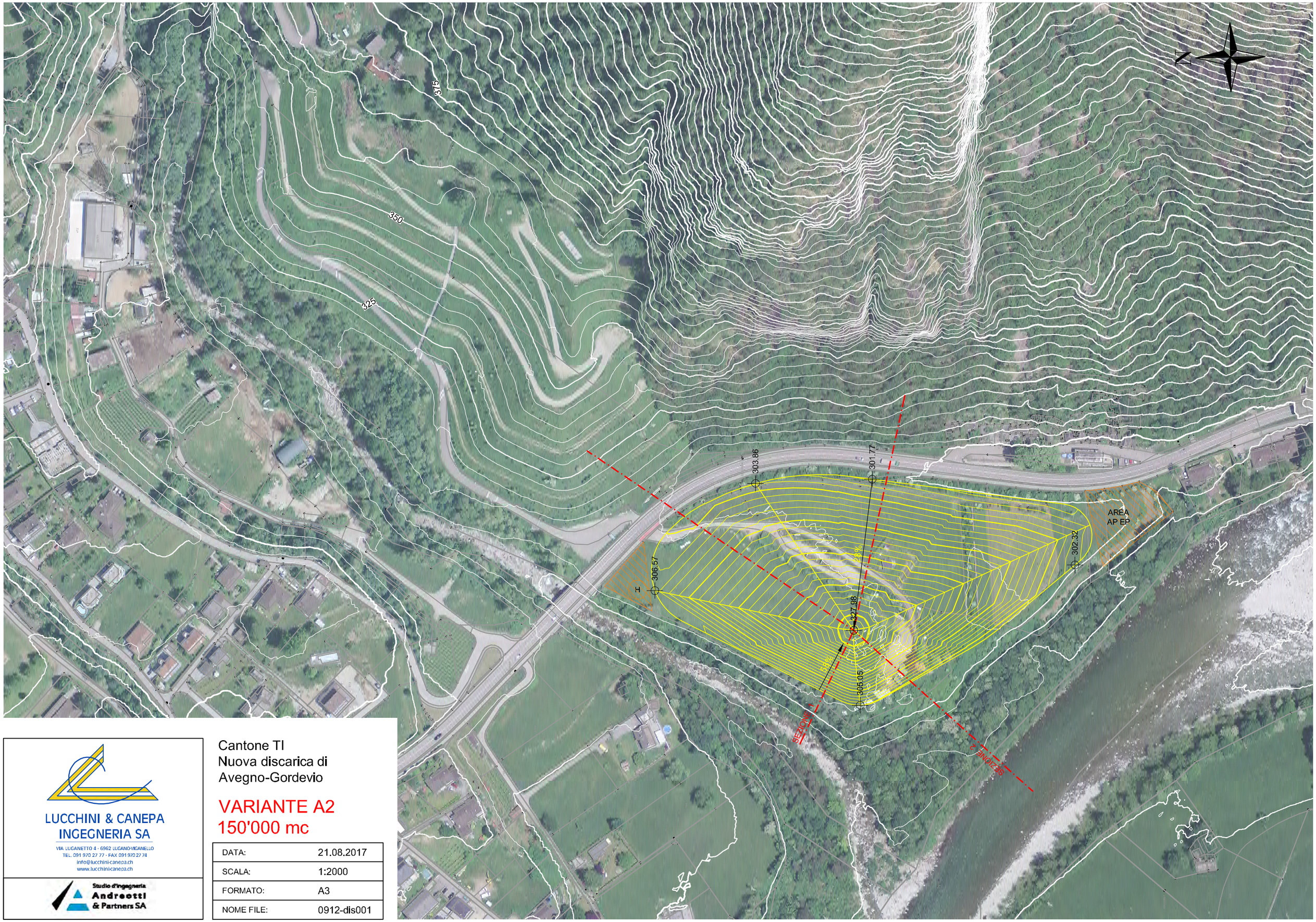
Figura 42: Variante A1, simulazione vista dai Grotti di Aurigeno

ALLEGATO 2 – VARIANTE A2

PLANIMETRIA 1:2’000

SEZIONI 1:100

VISTE PROSPETTICHE



LUCCHINI & CANEPA
INGEGNERIA SA

VIA LUGANETTO 4 - 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 - FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

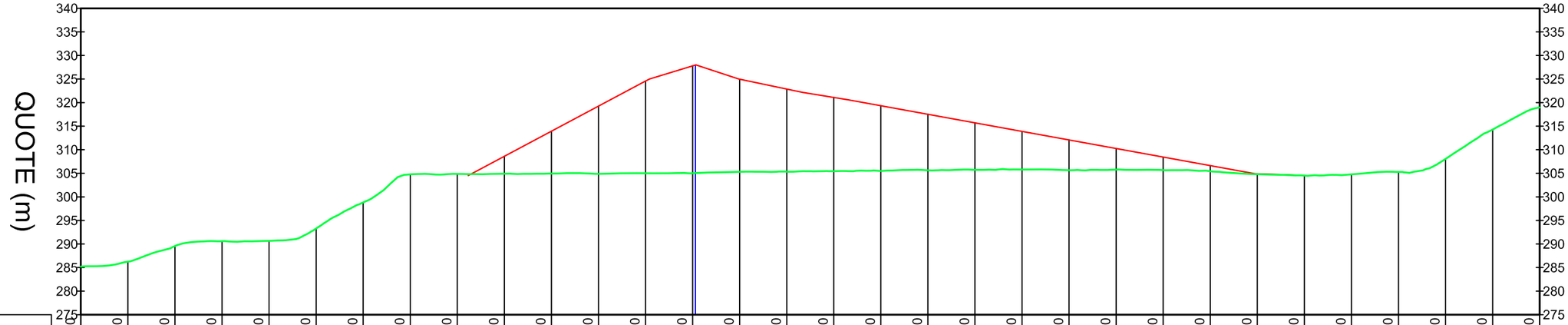
Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE A2
150'000 mc

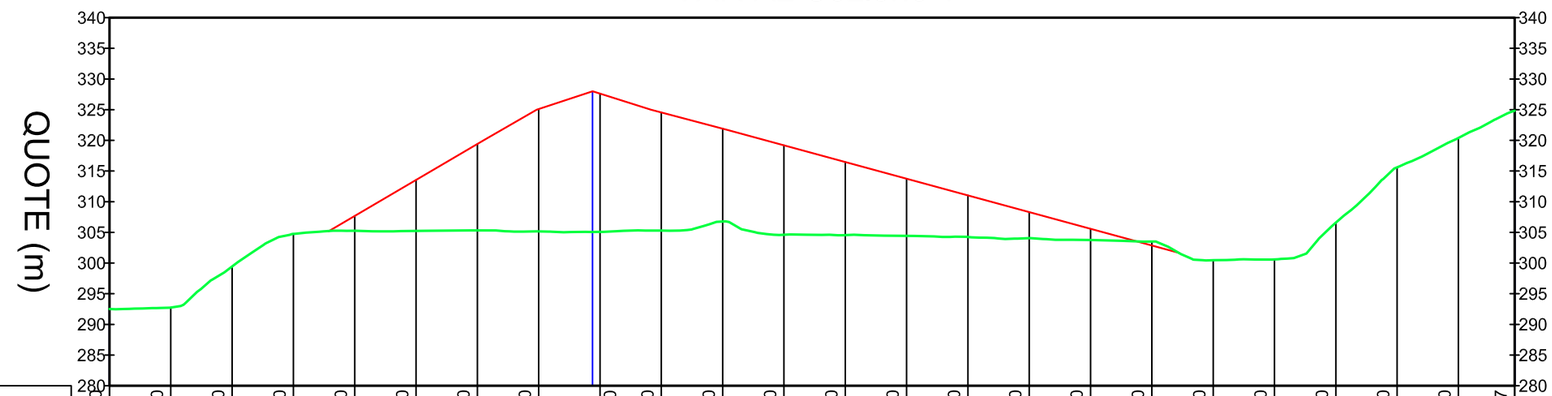
DATA:	21.08.2017
SCALA:	1:2000
FORMATO:	A3
NOME FILE:	0912-dis001

VAR A2 Sezione 2



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+020.00	285.20	
0+030.00	286.25	
0+040.00	289.56	
0+050.00	290.60	
0+060.00	290.68	
0+070.00	293.28	
0+080.00	298.81	
0+090.00	304.77	
0+100.00	304.87	
0+110.00	304.90	308.61
0+120.00	304.95	313.93
0+130.00	304.88	319.25
0+140.00	305.02	324.57
0+150.00	305.01	327.79
0+160.00	305.30	324.95
0+170.00	305.35	322.87
0+180.00	305.44	321.09
0+190.00	305.50	319.33
0+200.00	305.63	317.51
0+210.00	305.74	315.70
0+220.00	305.82	313.88
0+230.00	305.66	312.07
0+240.00	305.79	310.25
0+250.00	305.66	308.44
0+260.00	305.42	306.62
0+270.00	304.80	304.88
0+280.00	304.51	
0+290.00	304.77	
0+300.00	305.28	
0+310.00	308.05	
0+320.00	314.27	
0+330.00	318.96	

VAR A2 Sezione 1



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+000.00	292.51	
0+010.00	292.74	
0+020.00	299.44	
0+030.00	304.76	
0+040.00	305.26	307.69
0+050.00	305.26	313.55
0+060.00	305.32	319.41
0+070.00	305.16	325.11
0+080.00	305.08	327.63
0+090.00	305.30	324.55
0+100.00	306.76	321.91
0+110.00	304.61	319.19
0+120.00	304.56	316.47
0+130.00	304.44	313.74
0+140.00	304.26	311.02
0+150.00	304.06	308.30
0+160.00	303.77	305.58
0+170.00	303.51	302.85
0+180.00	300.46	
0+190.00	300.60	
0+200.00	306.59	
0+210.00	315.60	
0+220.00	320.38	
0+229.17	324.84	

LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 - 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 - FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE A2
Sezioni

DATA:	21.08.2017
SCALA:	1:1000
FORMATO:	A3
NOME FILE:	0912-dis001

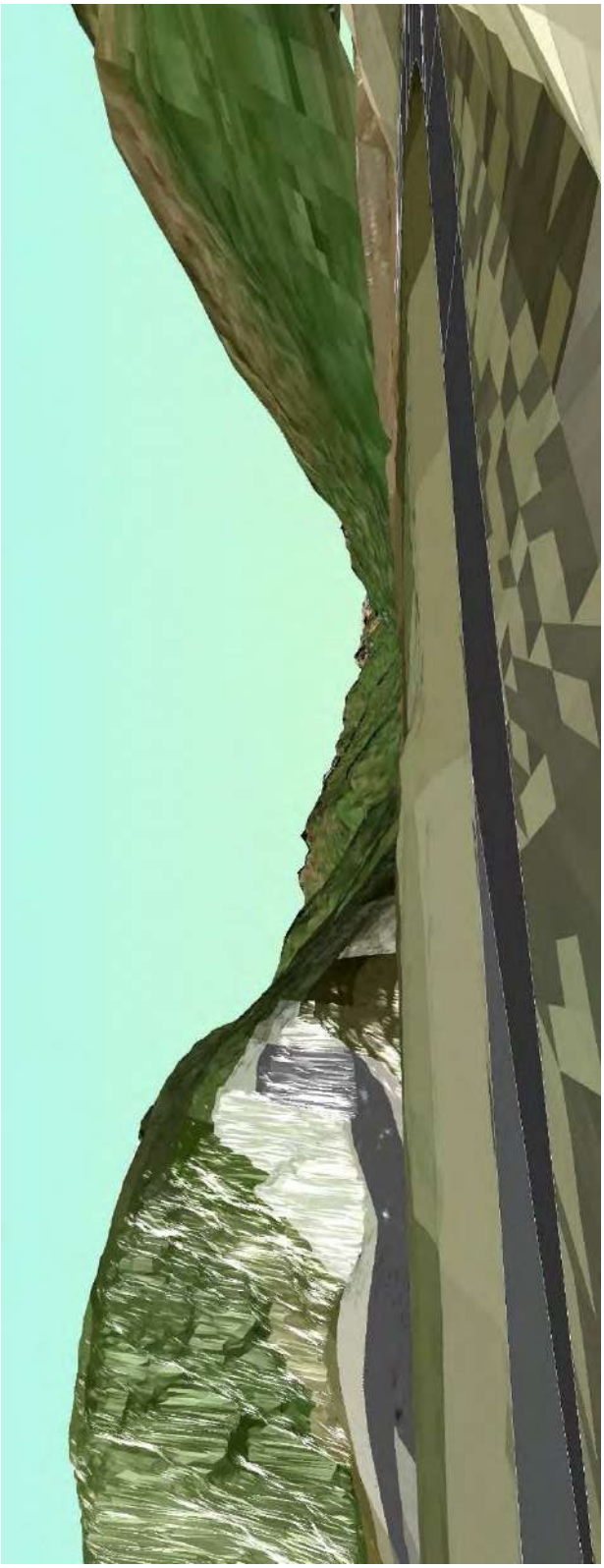


Figura 43: Simulazione vista attuale dai Grotti di Aurigeno

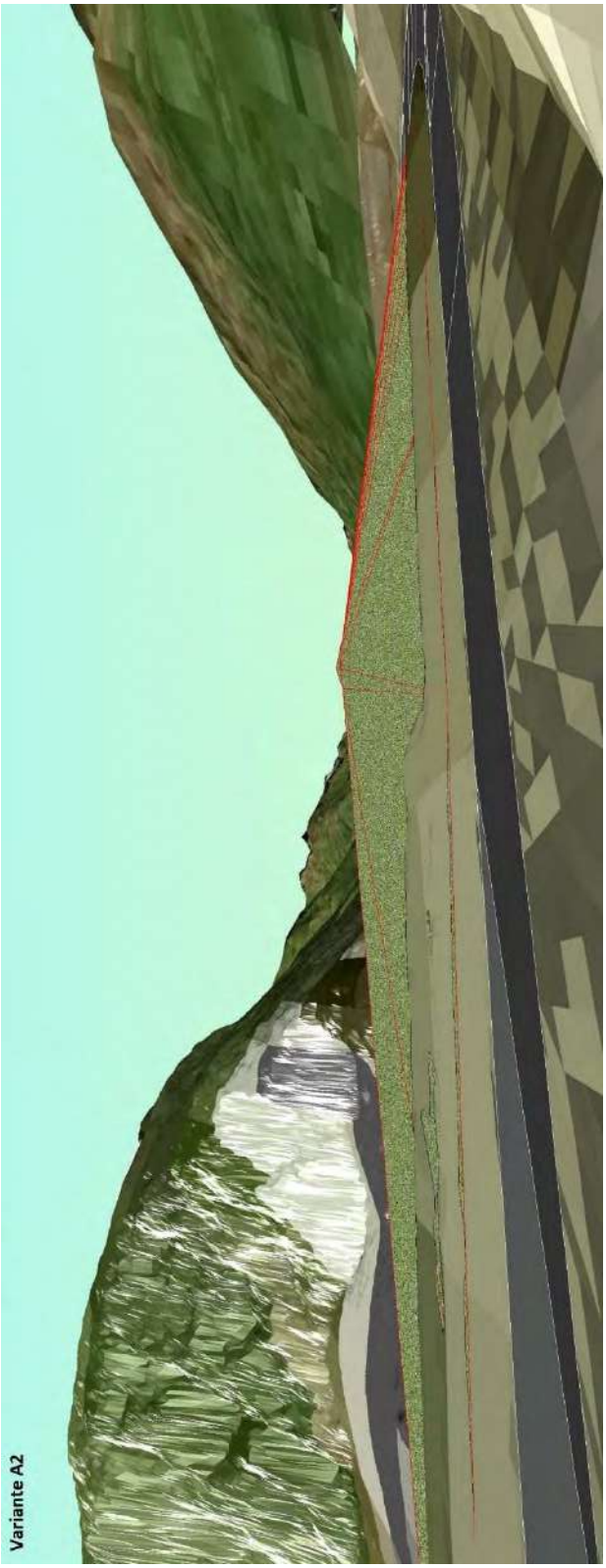


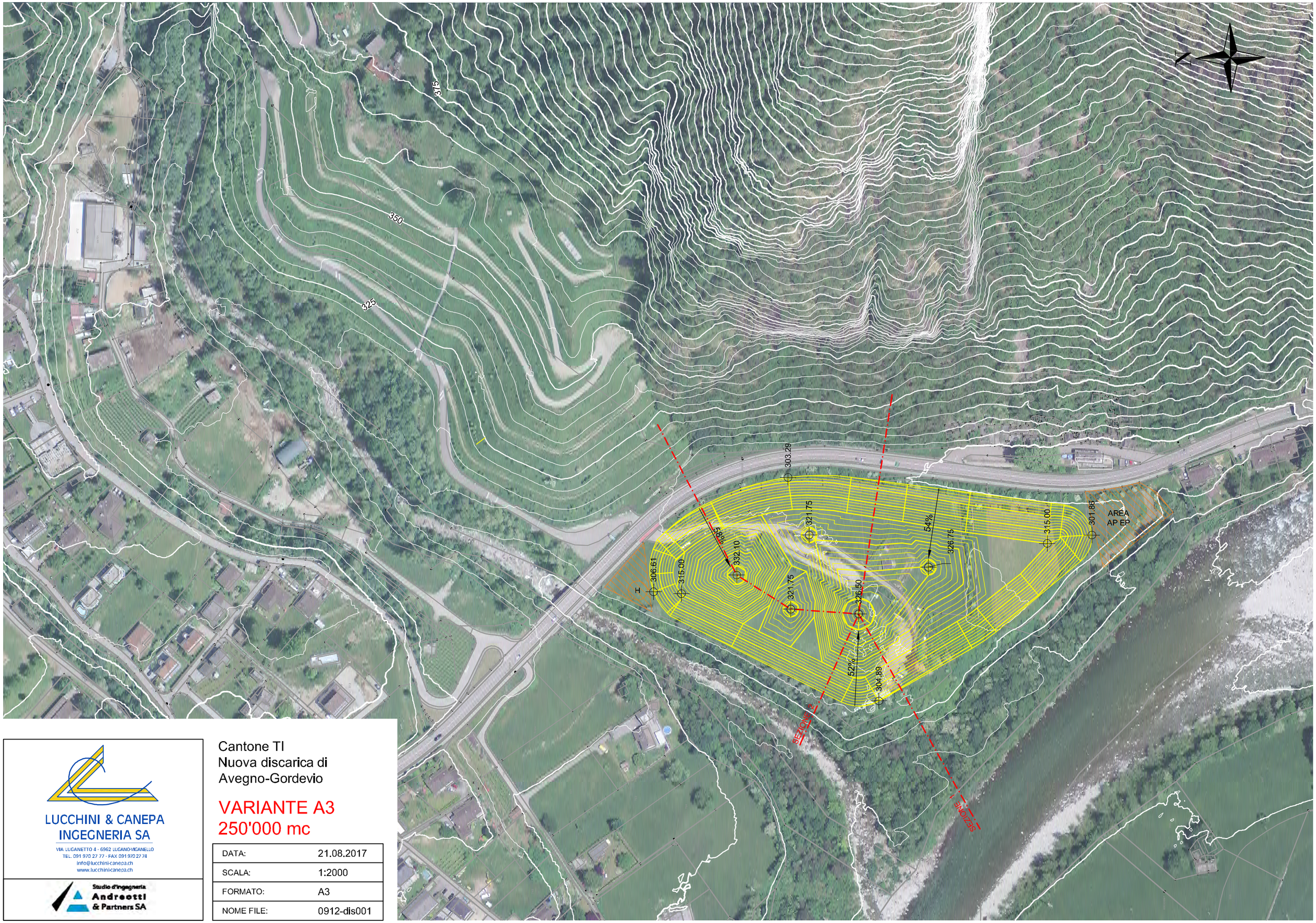
Figura 44: Variante A2, simulazione vista dai Grotti di Aurigeno

ALLEGATO 3 – VARIANTE A3

PLANIMETRIA 1:2’000

SEZIONI 1:100

VISTE PROSPETTICHE



LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 · 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 · FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

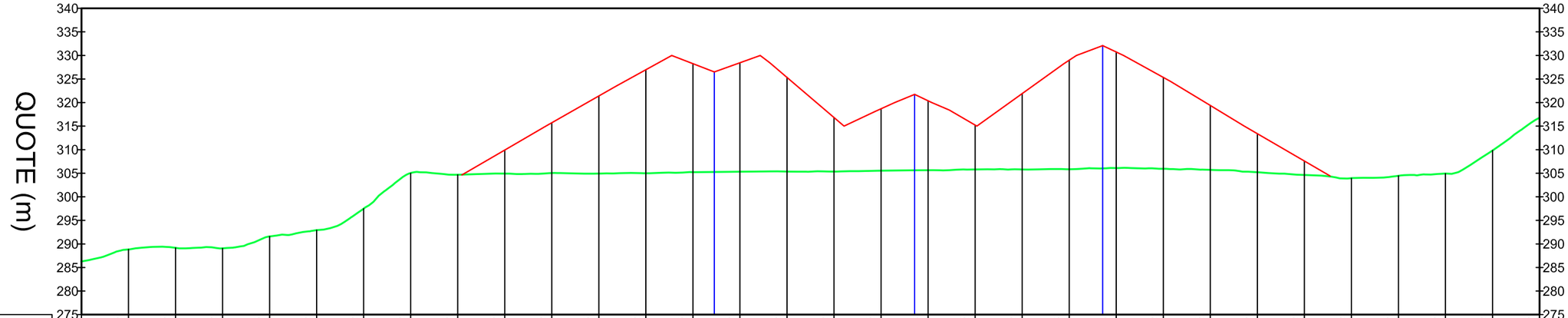
Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE A3
250'000 mc

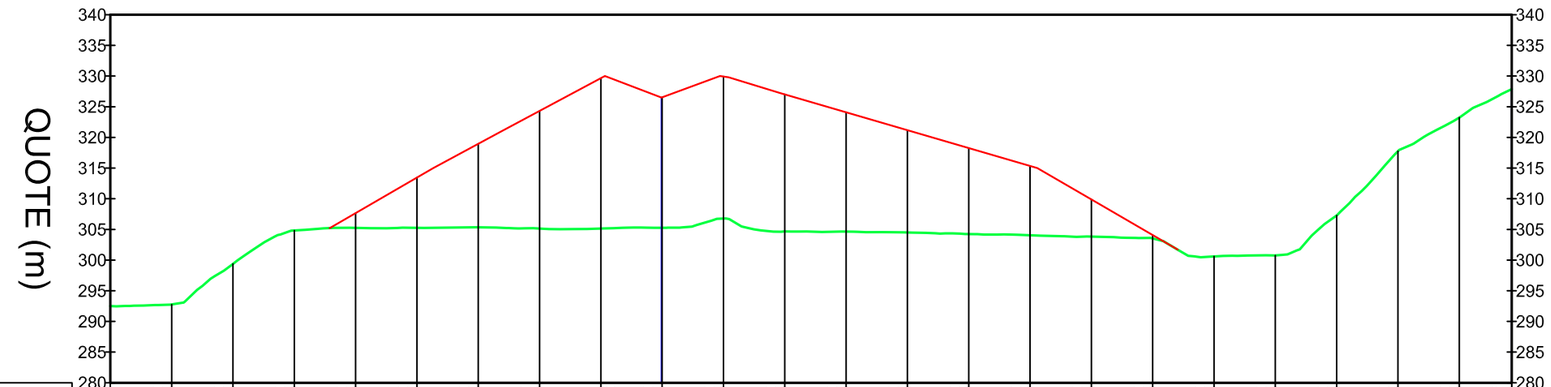
DATA:	21.08.2017
SCALA:	1:2000
FORMATO:	A3
NOME FILE:	0912-dis001

VAR A3 Sezione 1



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+020.00	286.28	
0+030.00	288.85	
0+040.00	289.16	
0+050.00	289.07	
0+060.00	291.58	
0+070.00	292.93	
0+080.00	297.49	
0+090.00	305.01	
0+100.00	304.69	
0+110.00	304.94	309.93
0+120.00	305.03	315.71
0+130.00	304.93	321.40
0+140.00	305.00	326.97
0+150.00	305.24	328.26
0+160.00	305.31	328.45
0+170.00	305.36	325.35
0+180.00	305.37	316.82
0+190.00	305.54	318.68
0+200.00	305.63	320.37
0+210.00	305.81	315.21
0+220.00	305.81	321.91
0+230.00	305.84	329.00
0+240.00	306.10	330.74
0+250.00	305.95	325.35
0+260.00	305.72	319.39
0+270.00	305.24	313.39
0+280.00	304.63	307.59
0+290.00	303.94	
0+300.00	304.46	
0+310.00	304.93	
0+320.00	309.84	
0+330.00	316.78	

VAR A3 Sezione 2



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+000.00	292.51	
0+010.00	292.76	
0+020.00	299.38	
0+030.00	304.82	
0+040.00	305.25	307.65
0+050.00	305.25	313.45
0+060.00	305.34	318.96
0+070.00	305.14	324.32
		329.65
0+080.00	305.14	
0+090.00	305.27	326.54
0+100.00	306.77	329.91
0+110.00	304.66	327.02
0+120.00	304.65	324.10
0+130.00	304.50	321.18
0+140.00	304.25	318.26
0+150.00	304.04	315.34
0+160.00	303.84	309.88
0+170.00	303.53	304.08
0+180.00	300.60	
0+190.00	300.76	
0+200.00	307.27	
0+210.00	317.75	
0+220.00	323.23	
0+228.56	327.87	

LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 • 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 • FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE A3
Sezioni

DATA:	21.08.2017
SCALA:	1:1000
FORMATO:	A3
NOME FILE:	0912-dis001

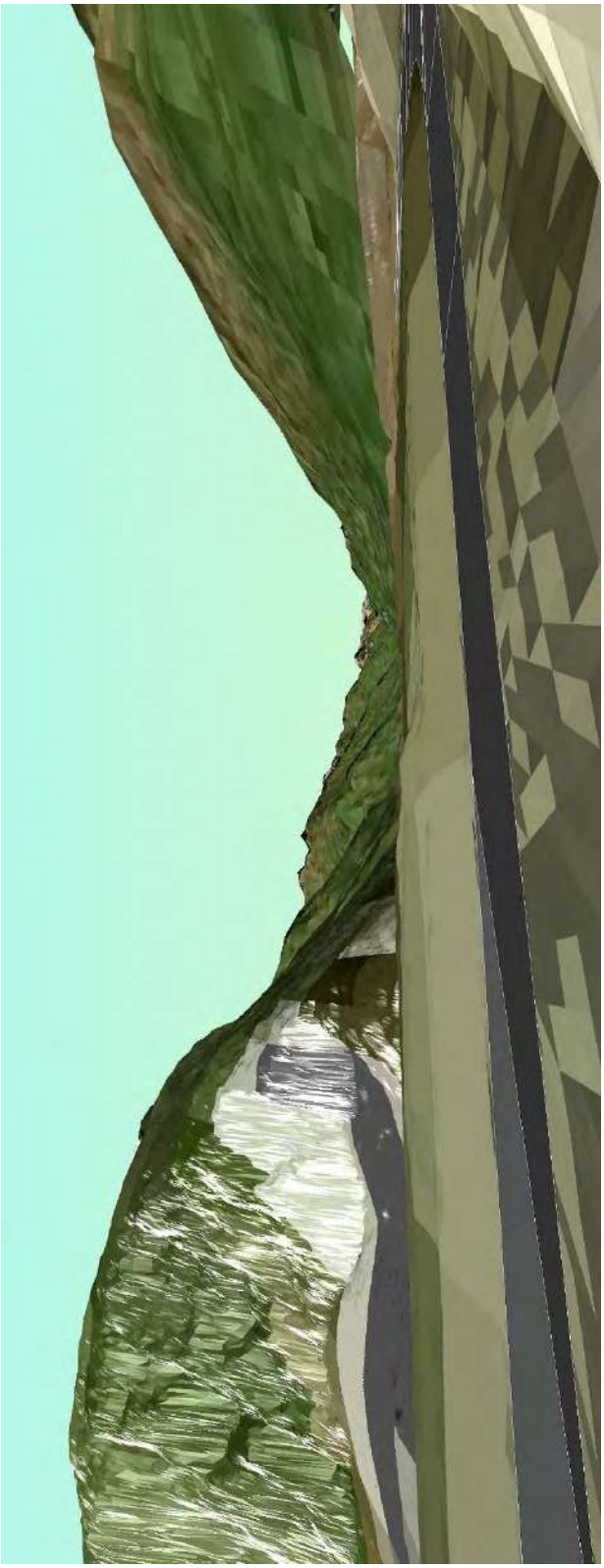


Figura 45: Simulazione vista attuale dai Grotti di Aurigeno

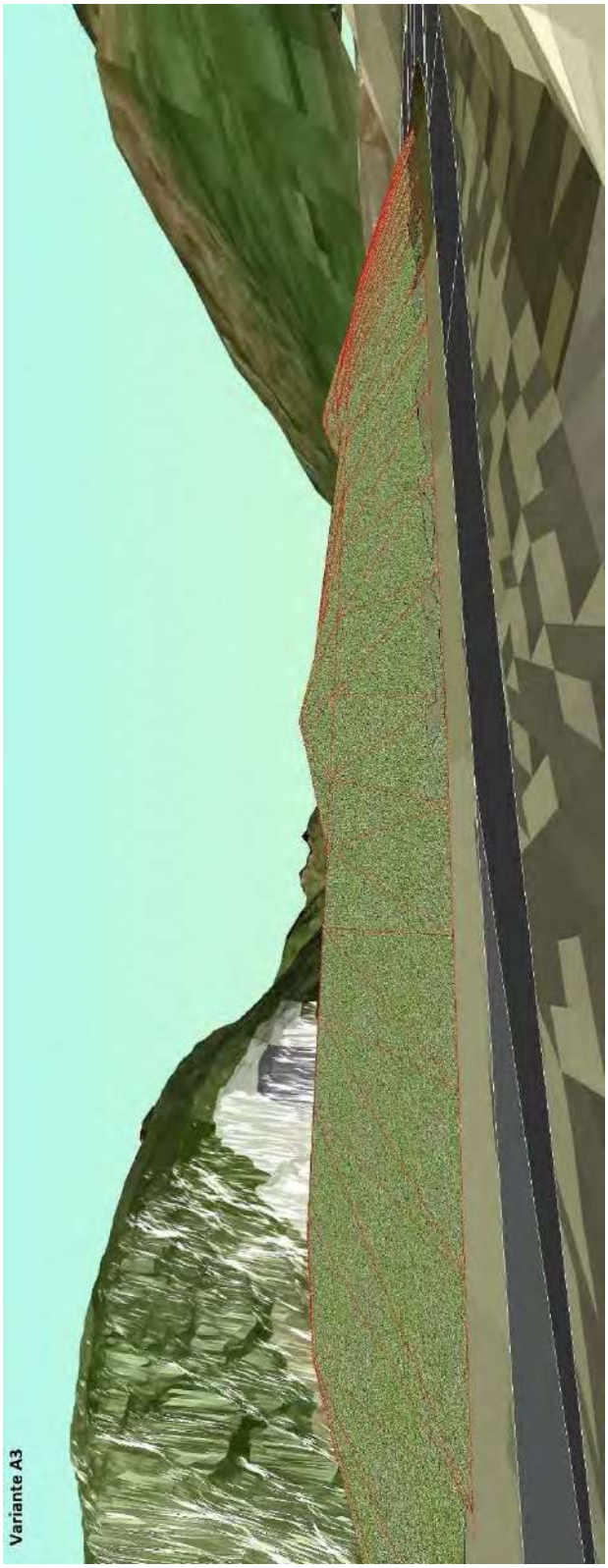


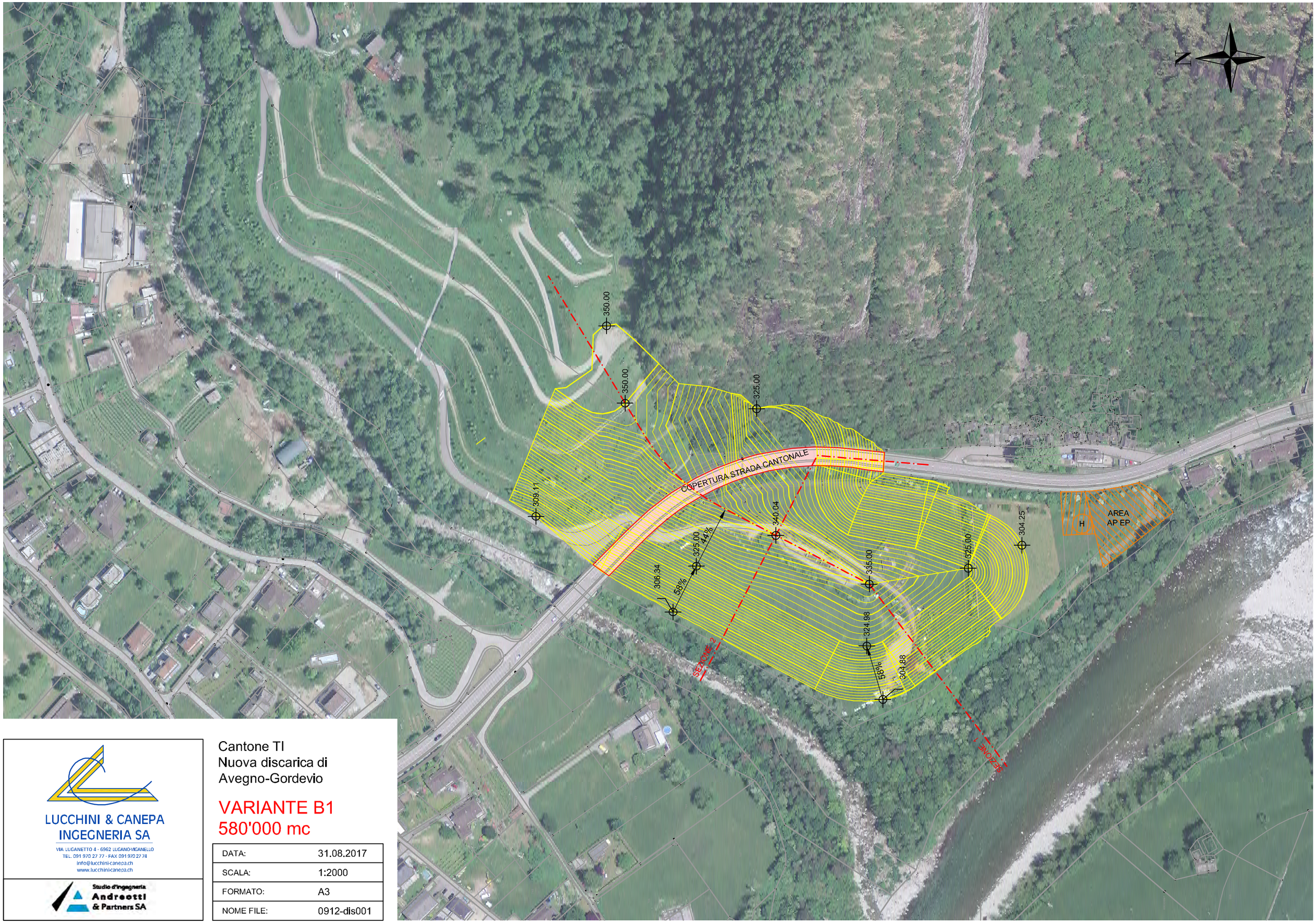
Figura 46: Variante A3, simulazione vista dai Grotti di Aurigeno

ALLEGATO 4 – VARIANTE B1

PLANIMETRIA 1:2’000

SEZIONI 1:100

VISTE PROSPETTICHE



LUCCHINI & CANEPA
INGEGNERIA SA

VIA LUGANETTO 4 - 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 - FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

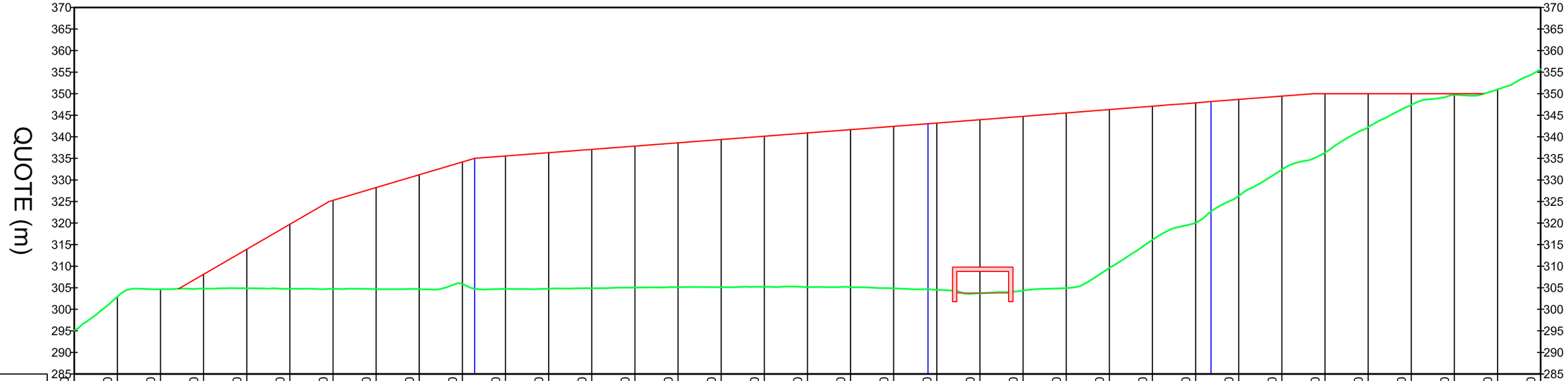
Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE B1
580'000 mc

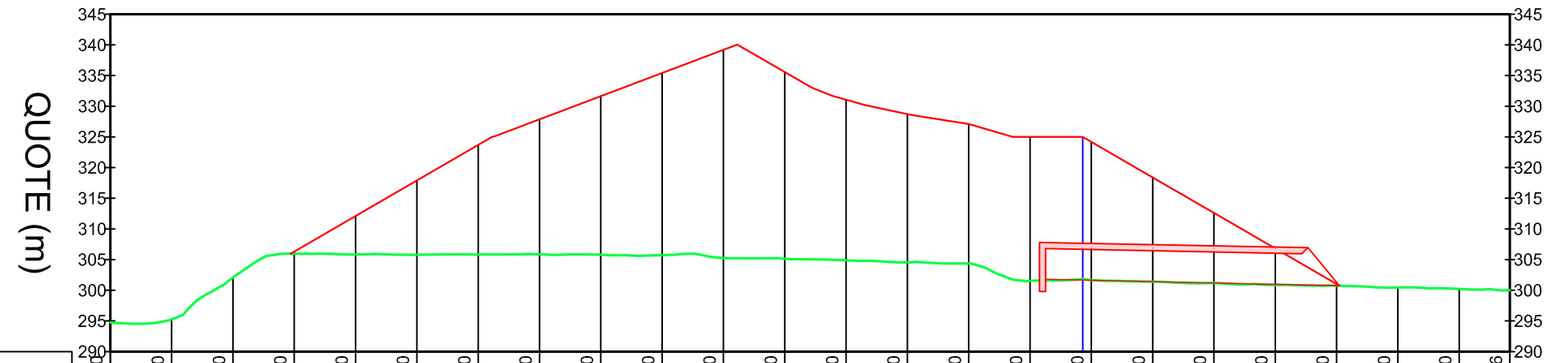
DATA:	31.08.2017
SCALA:	1:2000
FORMATO:	A3
NOME FILE:	0912-dis001

VAR B1 Sezione 1



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+050.00	295.14	
0+060.00	302.95	
0+070.00	304.67	
0+080.00	304.80	308.12
0+090.00	304.90	313.92
0+100.00	304.76	319.72
0+110.00	304.75	325.27
0+120.00	304.68	328.23
0+130.00	304.66	331.19
0+140.00	305.82	334.16
0+150.00	304.72	335.55
0+160.00	304.75	336.31
0+170.00	304.89	337.08
0+180.00	305.05	337.84
0+190.00	305.13	338.60
0+200.00	305.12	339.37
0+210.00	305.21	340.13
0+220.00	305.14	340.90
0+230.00	305.16	341.66
0+240.00	304.88	342.42
0+250.00	304.50	343.17
0+260.00	303.74	343.94
0+270.00	304.35	344.73
0+280.00	304.95	345.51
0+290.00	309.58	346.29
0+300.00	316.12	347.08
0+310.00	320.08	347.86
0+320.00	326.30	348.67
0+330.00	332.38	349.44
0+340.00	336.34	350.00
0+350.00	342.24	350.00
0+360.00	347.40	350.00
0+370.00	349.78	350.00
0+380.00	351.02	
0+390.00	355.66	

VAR B1 Sezione 2



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+000.00	294.76	
0+010.00	295.24	
0+020.00	302.05	
0+030.00	305.95	306.30
0+040.00	305.83	312.10
0+050.00	305.77	317.90
0+060.00	305.83	323.70
0+070.00	305.85	327.86
0+080.00	305.79	331.64
0+090.00	305.72	335.41
0+100.00	305.24	339.19
0+110.00	305.13	335.57
0+120.00	304.85	331.06
0+130.00	304.56	328.71
0+140.00	304.37	327.11
0+150.00	301.52	325.00
0+160.00	301.68	324.19
0+170.00	301.39	318.40
0+180.00	301.18	312.61
0+190.00	300.87	306.81
0+200.00	300.75	301.01
0+210.00	300.46	
0+220.00	300.19	
0+228.26	300.02	

LUCCHINI & CANEPA INGEGNERIA SA
VIA LUGANETTO 4 • 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 • FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

Studio d'ingegneria Andreotti & Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE B1
Sezioni

DATA:	21.08.2017
SCALA:	1:1000
FORMATO:	A3
NOME FILE:	0912-dis001

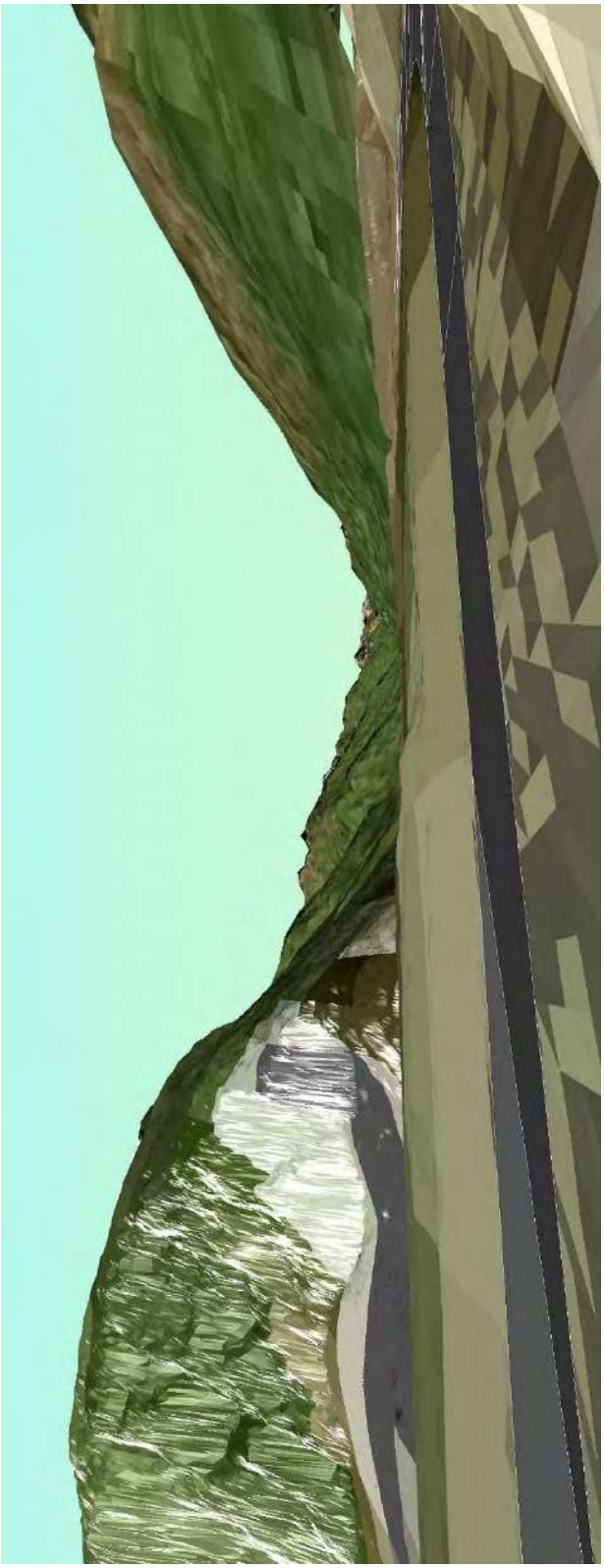


Figura 47: Simulazione vista attuale dai Grotti di Aurigeno

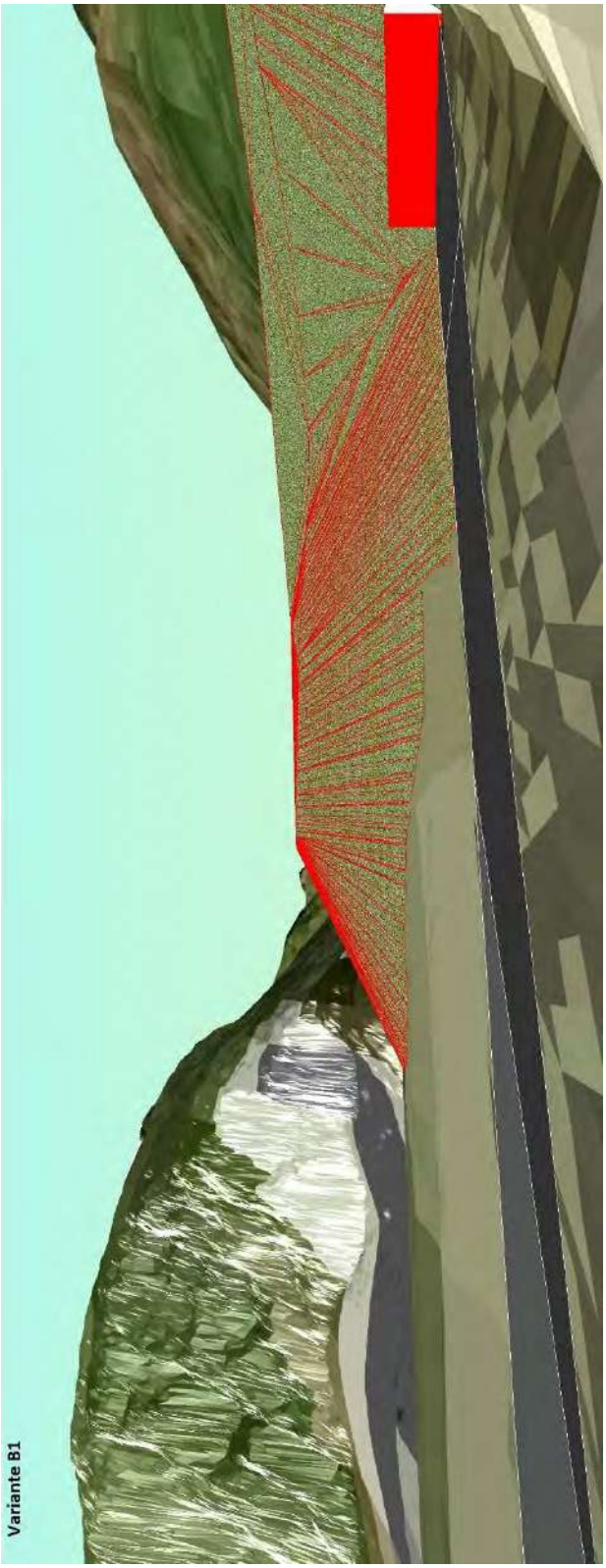


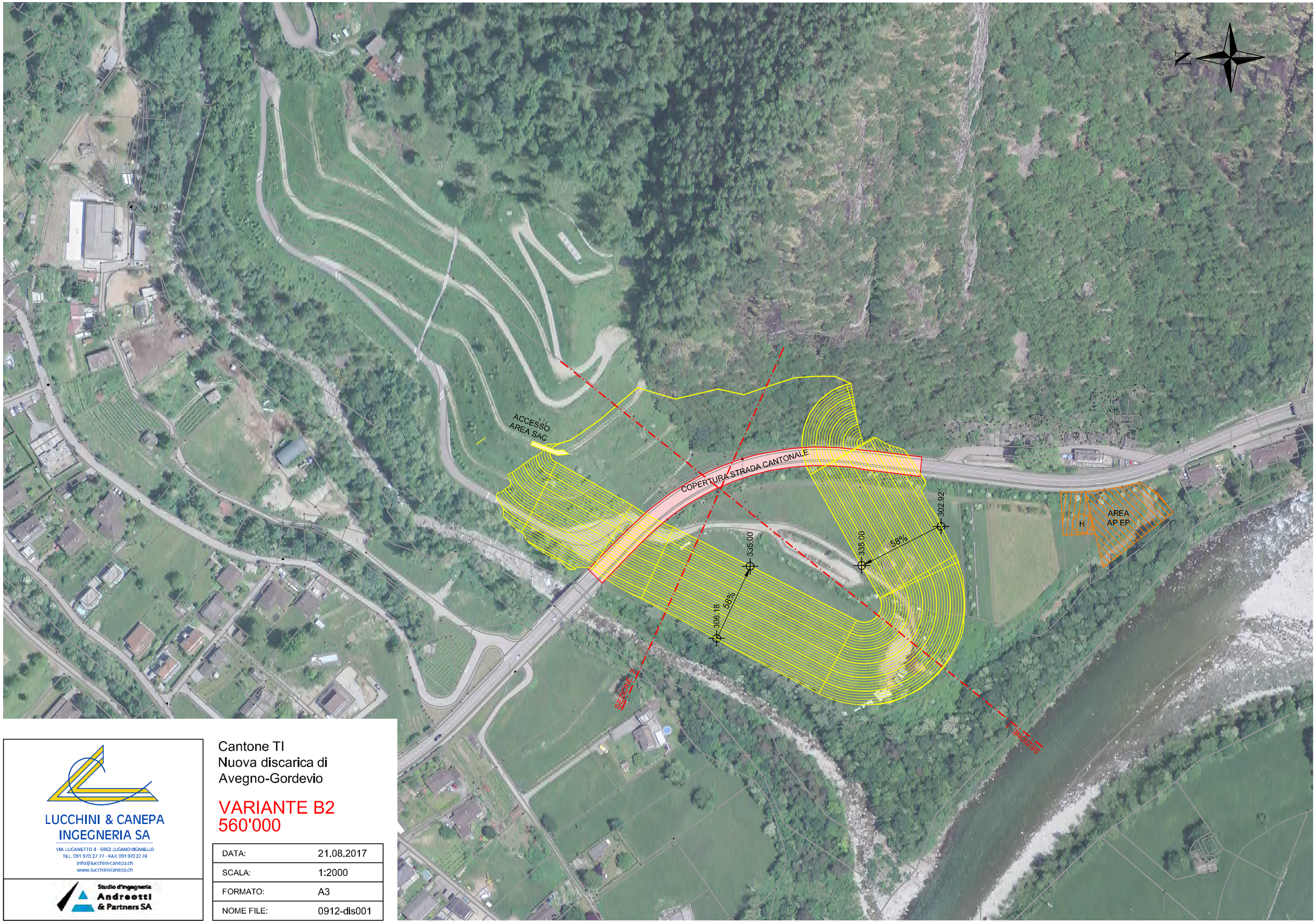
Figura 48: Variante B1, simulazione vista dai Grotti di Aurigeno

ALLEGATO 5 – VARIANTE B2

PLANIMETRIA 1:2’000

SEZIONI 1:100

VISTE PROSPETTICHE



LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 · 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 · FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

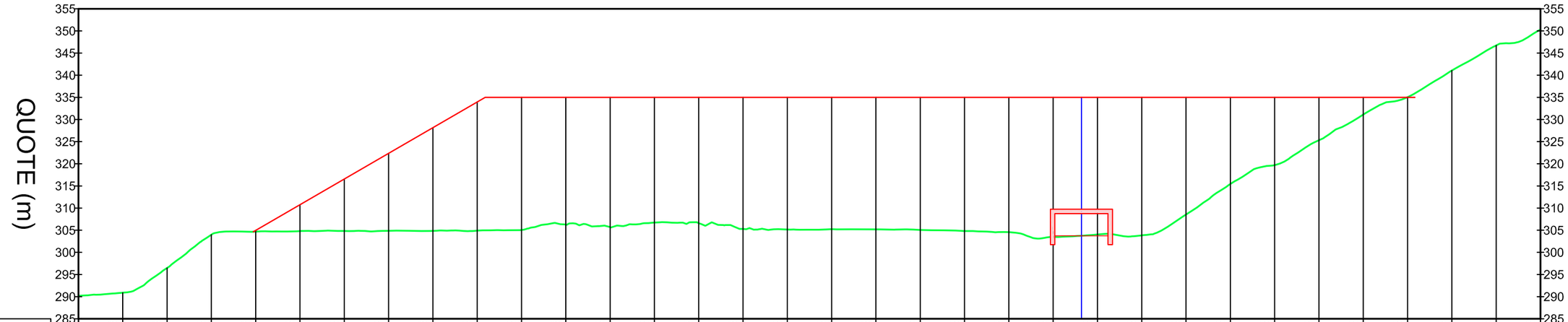
Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE B2
560'000

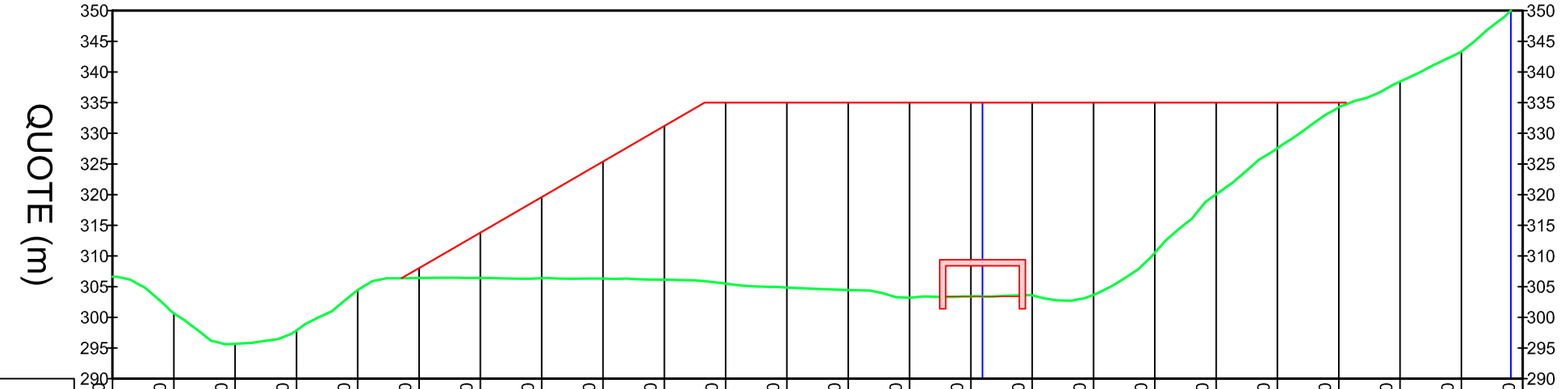
DATA:	21.08.2017
SCALA:	1:2000
FORMATO:	A3
NOME FILE:	0912-dis001

VAR B2 Sezione 1



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+040.00	290.19	
0+050.00	290.88	
0+060.00	296.47	
0+070.00	303.99	
0+080.00	304.68	304.96
0+090.00	304.80	310.76
0+100.00	304.82	316.56
0+110.00	304.87	322.36
0+120.00	304.83	328.16
0+130.00	304.89	333.96
0+140.00	305.06	335.00
0+150.00	306.25	335.00
0+160.00	305.71	335.00
0+170.00	306.74	335.00
0+180.00	306.59	335.00
0+190.00	305.30	335.00
0+200.00	305.16	335.00
0+210.00	305.23	335.00
0+220.00	305.22	335.00
0+230.00	305.04	335.00
0+240.00	304.82	335.00
0+250.00	304.55	335.00
0+260.00	303.50	335.00
0+270.00	304.01	335.00
0+280.00	303.84	335.00
0+290.00	308.54	335.00
0+300.00	315.43	335.00
0+310.00	319.72	335.00
0+320.00	325.32	335.00
0+330.00	331.10	335.00
0+340.00	335.03	335.00
0+350.00	341.06	
0+360.00	346.71	
0+370.00	350.30	

VAR B2 Sezione 2



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+020.00	306.63	
0+030.00	300.67	
0+040.00	295.69	
0+050.00	297.86	
0+060.00	304.45	
0+070.00	306.41	308.02
0+080.00	306.43	313.82
0+090.00	306.37	319.61
0+100.00	306.33	325.40
0+110.00	306.13	331.19
0+120.00	305.50	335.00
0+130.00	304.85	335.00
0+140.00	304.44	335.00
0+150.00	303.18	335.00
0+160.00	303.40	335.00
0+170.00	303.57	335.00
0+180.00	303.68	335.00
0+190.00	310.53	335.00
0+200.00	320.06	335.00
0+210.00	327.59	335.00
0+220.00	334.27	335.00
0+230.00	338.44	
0+240.00	343.33	
0+250.00		

LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 • 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 • FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE B2
Sezioni

DATA:	21.08.2017
SCALA:	1:1000
FORMATO:	A3
NOME FILE:	0912-dis001

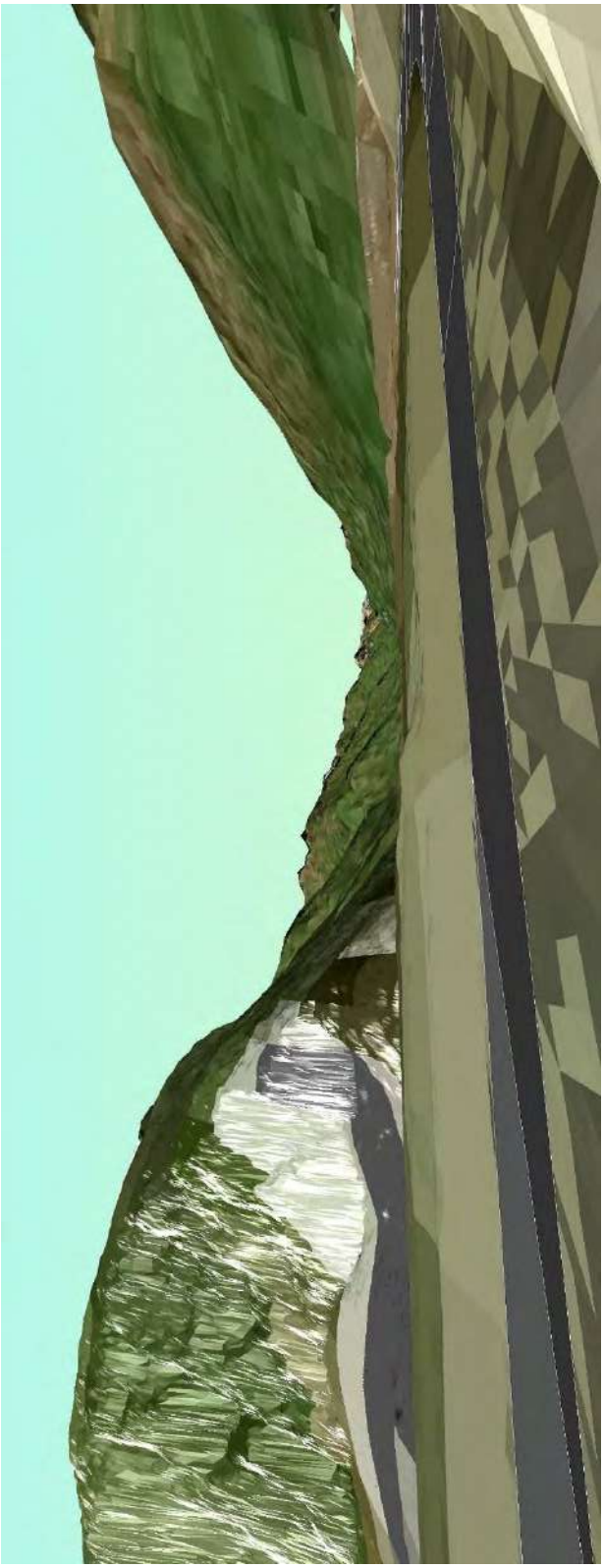


Figura 49: Simulazione vista attuale dai Grotti di Aurigeno

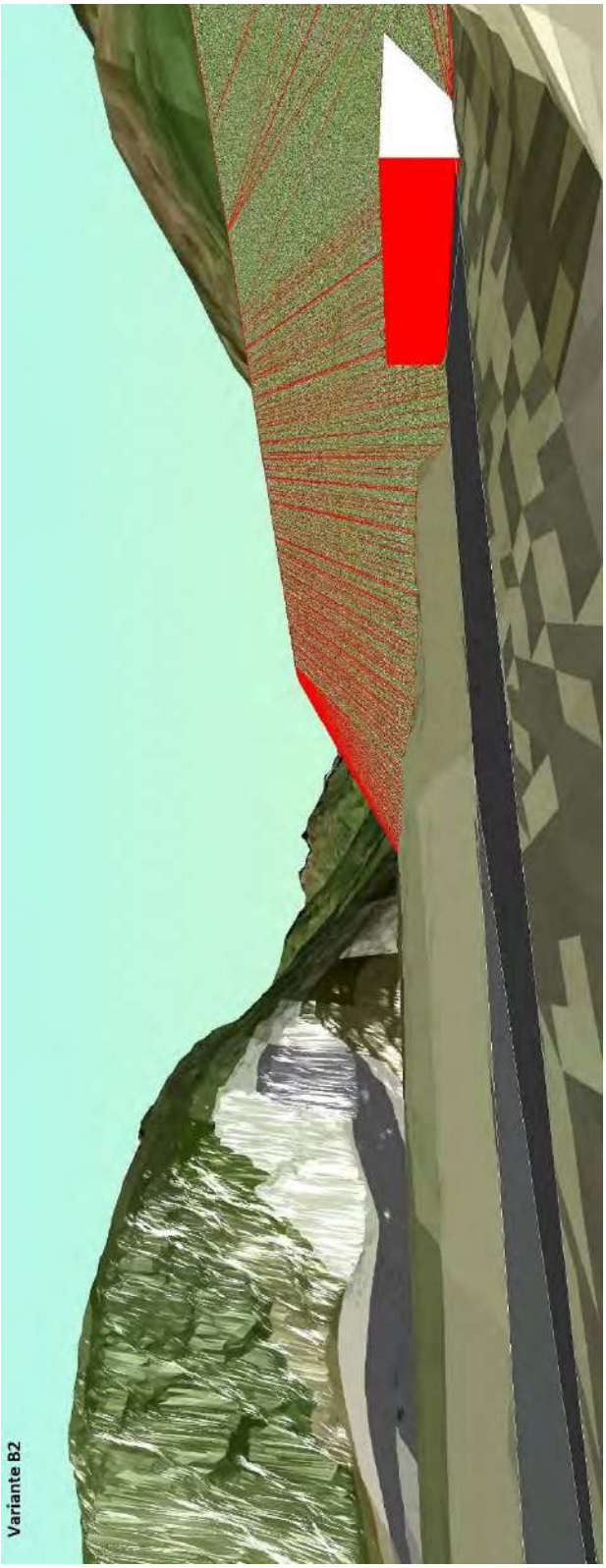


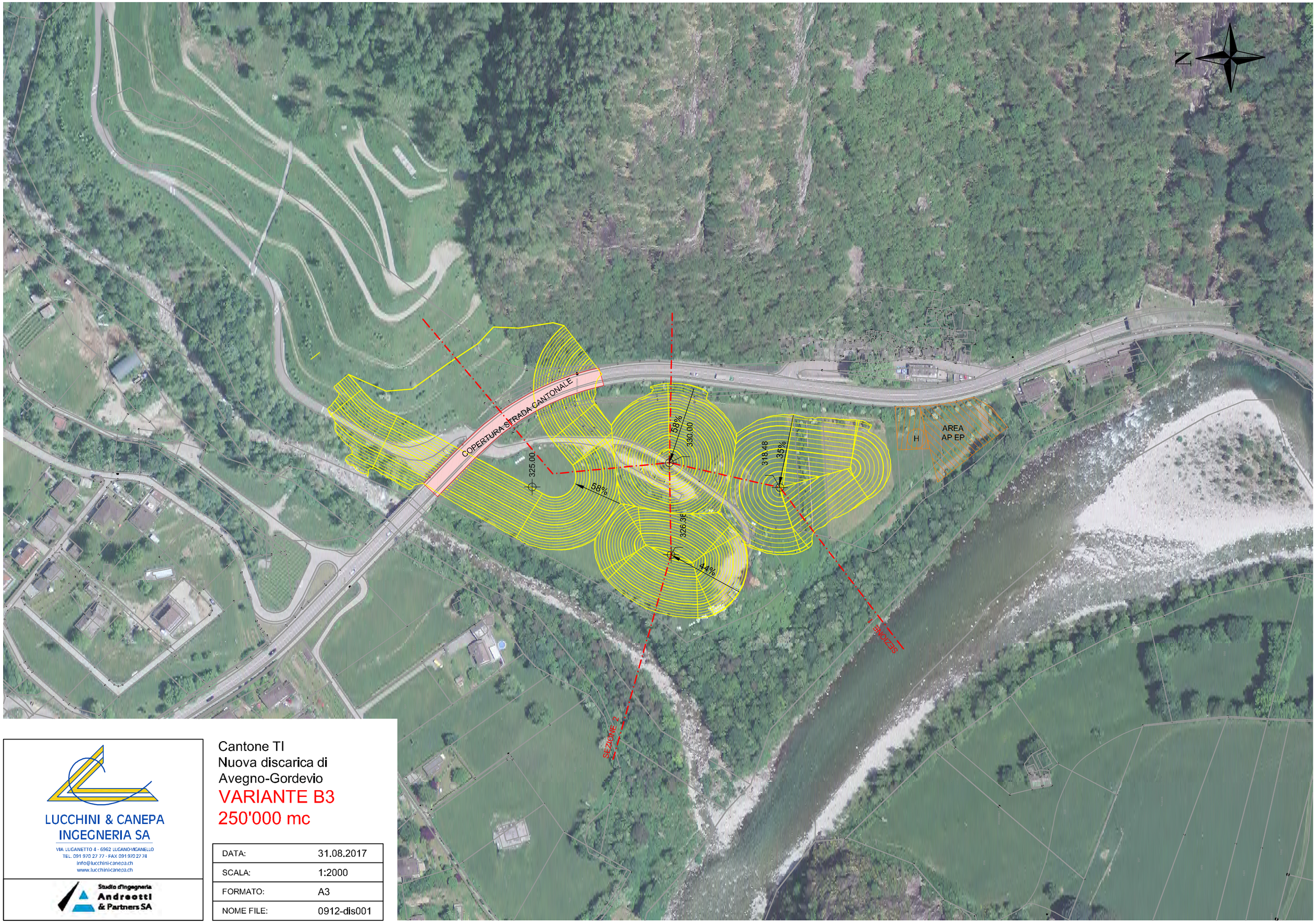
Figura 50: Variante B2, simulazione vista dai Grotti di Aurigeno

ALLEGATO 6 – VARIANTE B3

PLANIMETRIA 1:2’000

SEZIONI 1:100

VISTE PROSPETTICHE



LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 - 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 - FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

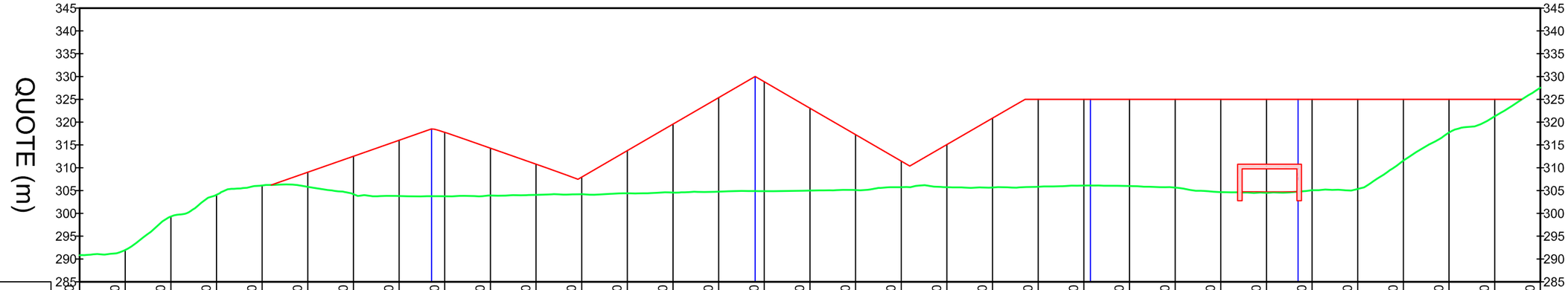
Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE B3
250'000 mc

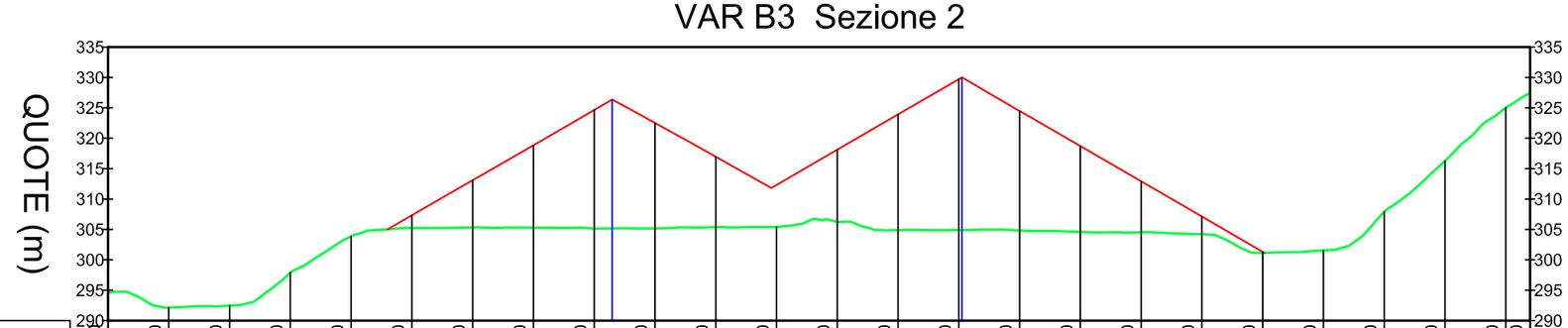
DATA:	31.08.2017
SCALA:	1:2000
FORMATO:	A3
NOME FILE:	0912-dis001

VAR B3 Sezione 1



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+050.00	290.81	
0+060.00	291.99	
0+070.00	299.30	
0+080.00	304.06	
0+090.00	306.12	
0+100.00	305.80	309.03
0+110.00	304.20	312.53
0+120.00	303.78	316.02
0+130.00	303.75	317.77
0+140.00	303.92	314.30
0+150.00	304.06	310.80
0+160.00	304.21	307.95
0+170.00	304.41	313.76
0+180.00	304.56	319.56
0+190.00	304.78	325.37
0+200.00	304.85	328.86
0+210.00	304.99	323.06
0+220.00	305.11	317.26
0+230.00	305.75	311.47
0+240.00	305.74	315.09
0+250.00	305.67	320.88
0+260.00	305.84	325.00
0+270.00	306.09	325.00
0+280.00	306.00	325.00
0+290.00	305.64	325.00
0+300.00	304.67	325.00
0+310.00	304.50	325.00
0+320.00	305.08	325.00
0+330.00	305.33	325.00
0+340.00	311.57	325.00
0+350.00	317.73	325.00
0+360.00	321.28	325.00
0+370.00	327.57	

VAR B3 Sezione 2



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+050.00	294.59	
0+060.00	292.13	
0+070.00	292.47	
0+080.00	297.91	
0+090.00	303.86	
0+100.00	305.23	307.33
0+110.00	305.32	313.10
0+120.00	305.30	318.83
0+130.00	305.13	324.66
0+140.00	305.17	322.52
0+150.00	305.39	316.95
0+160.00	305.41	312.31
0+170.00	306.26	318.11
0+180.00	304.88	323.91
0+190.00	304.88	329.71
0+200.00	304.84	324.48
0+210.00	304.58	318.71
0+220.00	304.54	312.92
0+230.00	304.19	307.12
0+240.00	301.13	301.32
0+250.00	301.55	
0+260.00	307.90	
0+270.00	316.26	
0+280.00	325.00	
0+284.00	327.45	

LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 • 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 • FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE B3
Sezioni

DATA:	31.08.2017
SCALA:	1:1000
FORMATO:	A3
NOME FILE:	0912-dis001

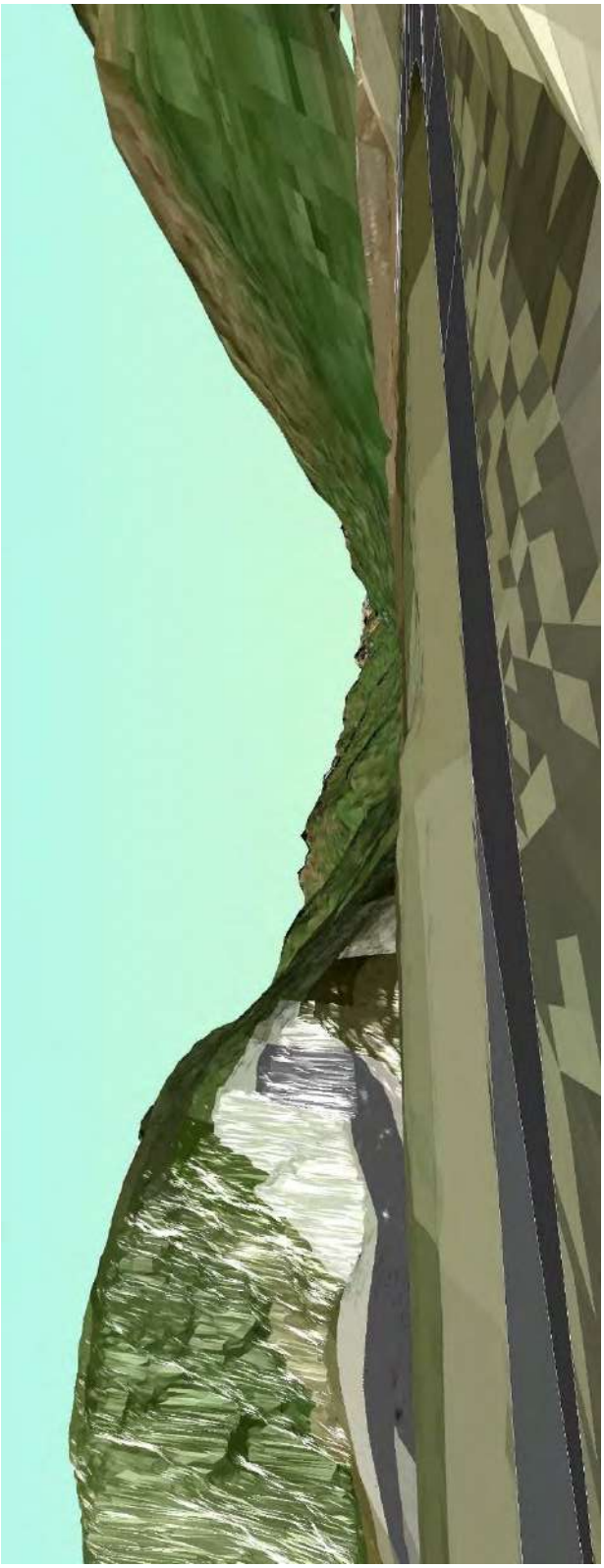


Figura 51:Ssimulazione vista attuale dai Grotti di Aurigeno

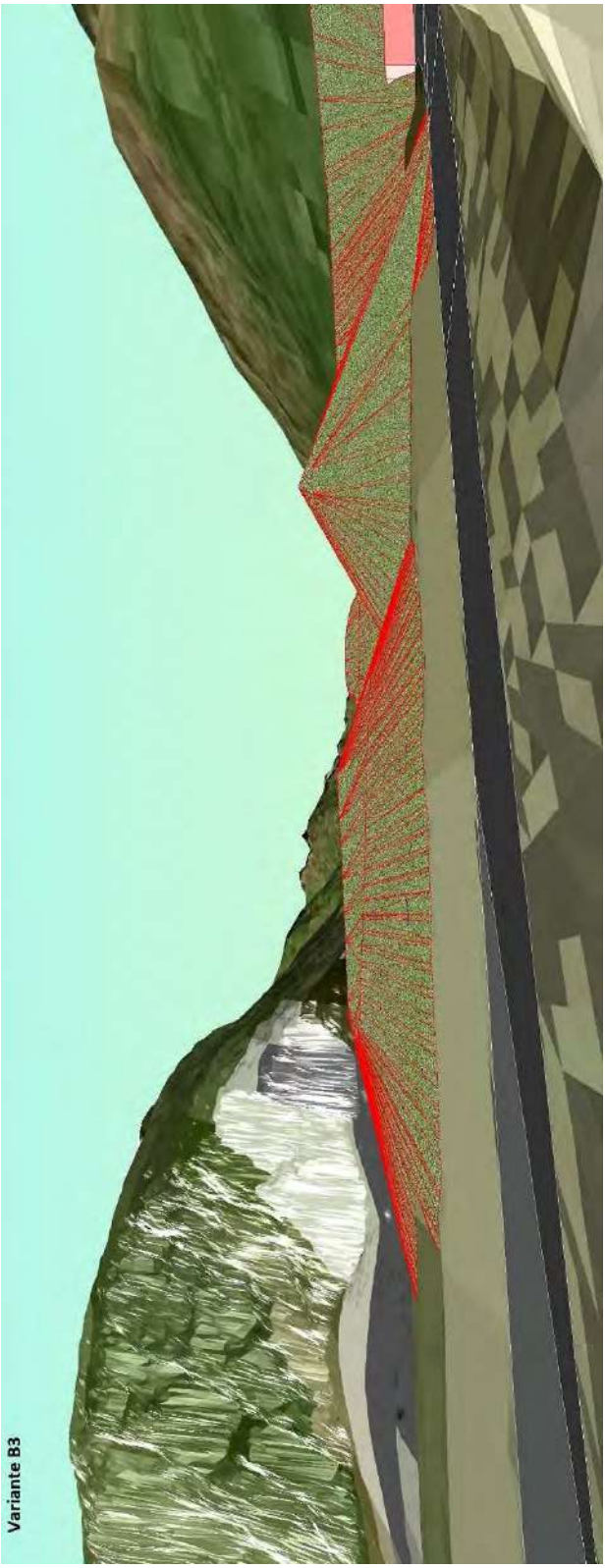


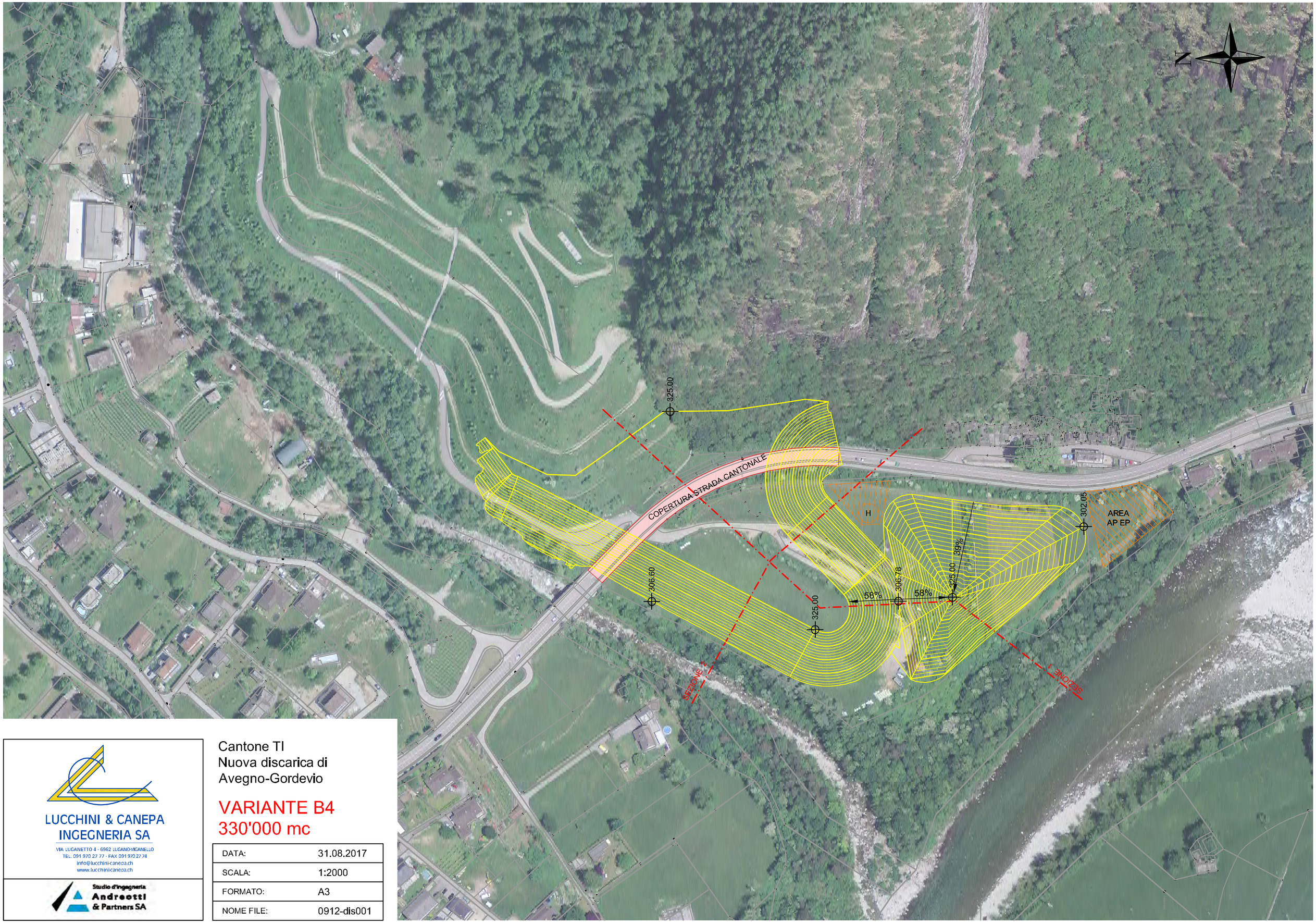
Figura 52: Variante B3, simulazione vista dai Grotti di Aurigeno

ALLEGATO 7 – VARIANTE B4

PLANIMETRIA 1:2’000

SEZIONI 1:100

VISTE PROSPETTICHE



LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 - 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 - FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

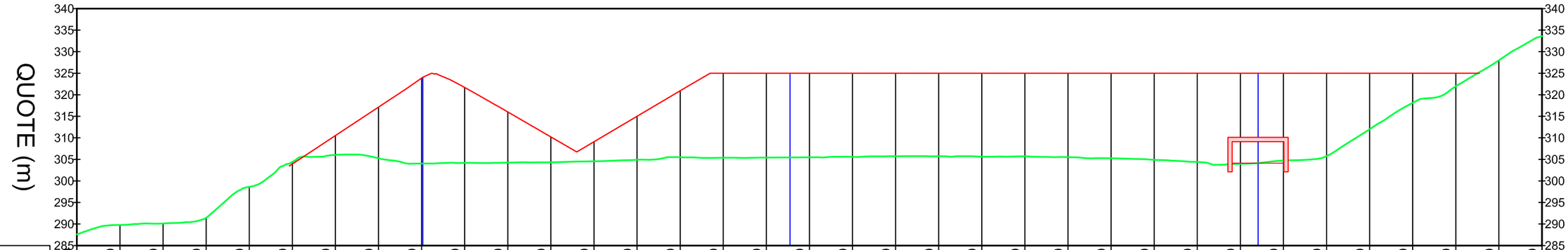
Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE B4
330'000 mc

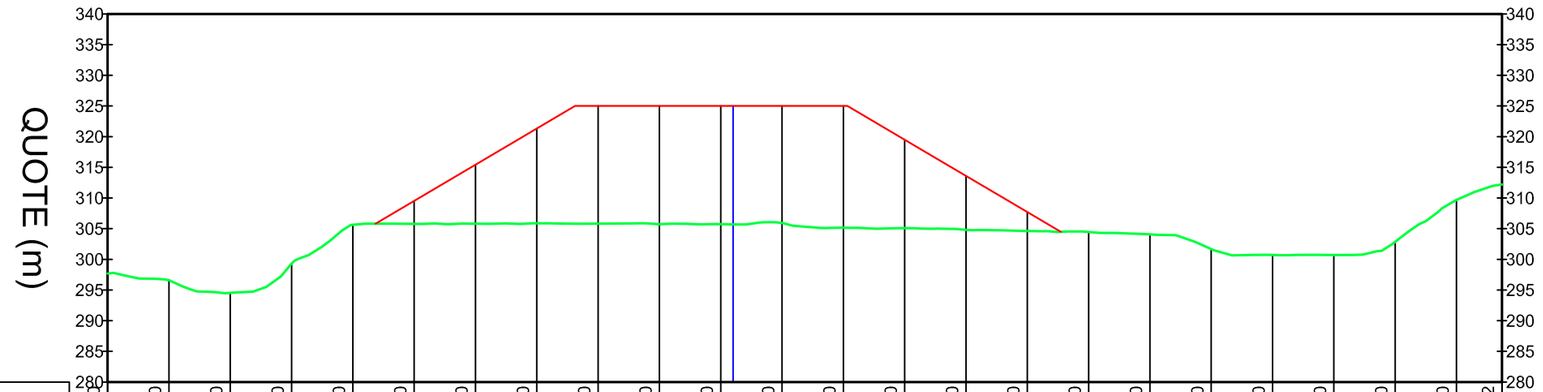
DATA:	31.08.2017
SCALA:	1:2000
FORMATO:	A3
NOME FILE:	0912-dis001

VAR B4 Sezione 1



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+020.00	287.59	
0+030.00	289.78	
0+040.00	290.11	
0+050.00	291.46	
0+060.00	298.62	
0+070.00	304.42	
0+080.00	306.03	
0+090.00	305.26	
0+100.00	304.04	
0+110.00	304.20	
0+120.00	304.26	
0+130.00	304.33	
0+140.00	304.56	
0+150.00	304.90	
0+160.00	305.50	
0+170.00	305.38	
0+180.00	305.39	
0+190.00	305.48	
0+200.00	305.58	
0+210.00	305.72	
0+220.00	305.72	
0+230.00	305.63	
0+240.00	305.70	
0+250.00	305.53	
0+260.00	305.27	
0+270.00	304.89	
0+280.00	304.43	
0+290.00	303.99	
0+300.00	304.73	
0+310.00	305.77	
0+320.00	311.99	
0+330.00	318.12	
0+340.00	321.97	
0+350.00	327.99	
0+360.00	333.59	

VAR B4 Sezione 2



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+000.00	297.69	
0+010.00	296.60	
0+020.00	294.54	
0+030.00	299.31	
0+040.00	305.63	
0+050.00	305.77	
0+060.00	305.81	
0+070.00	305.88	
0+080.00	305.82	
0+090.00	305.73	
0+100.00	305.73	
0+110.00	305.91	
0+120.00	305.15	
0+130.00	305.09	
0+140.00	304.82	
0+150.00	304.60	
0+160.00	304.45	
0+170.00	304.06	
0+180.00	301.67	
0+190.00	300.71	
0+200.00	300.69	
0+210.00	302.85	
0+220.00	309.70	
0+227.42	312.21	

LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 • 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 • FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE B4
Sezioni

DATA:	31.08.2017
SCALA:	1:1000
FORMATO:	A3
NOME FILE:	0912-dis001

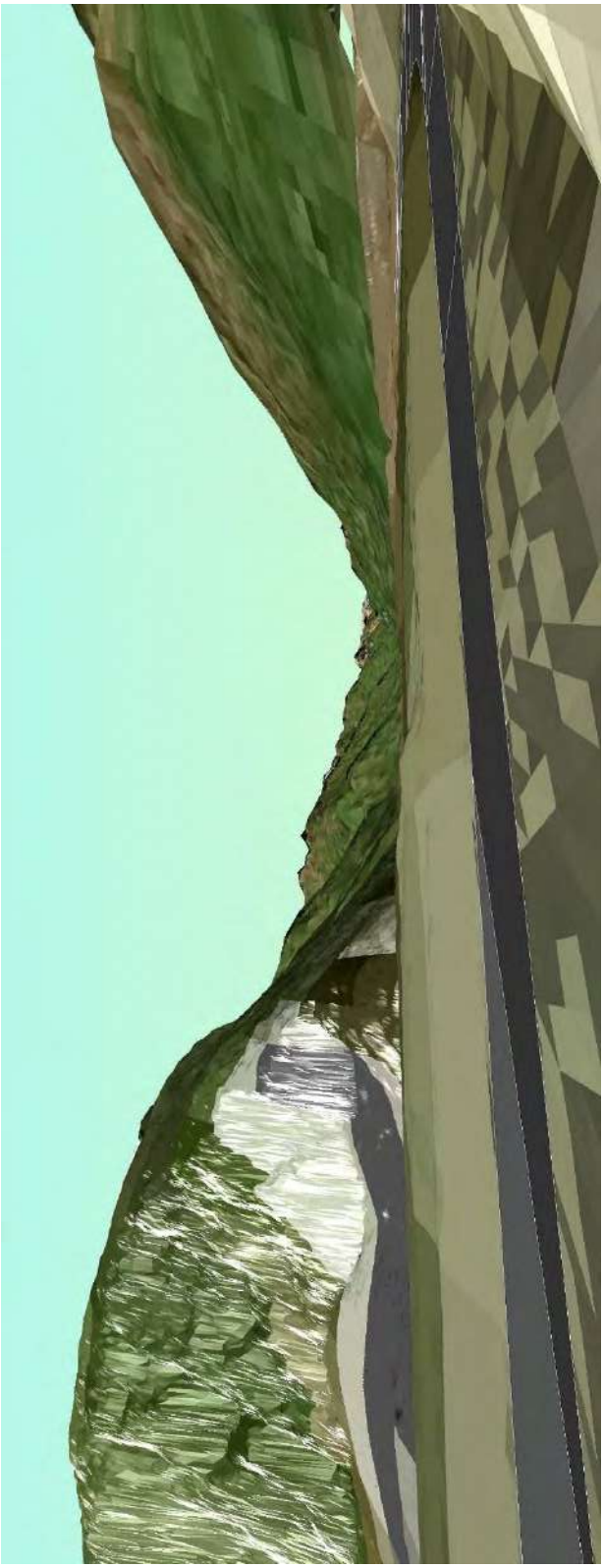


Figura 53: Simulazione vista attuale dai Grotti di Aurigeno

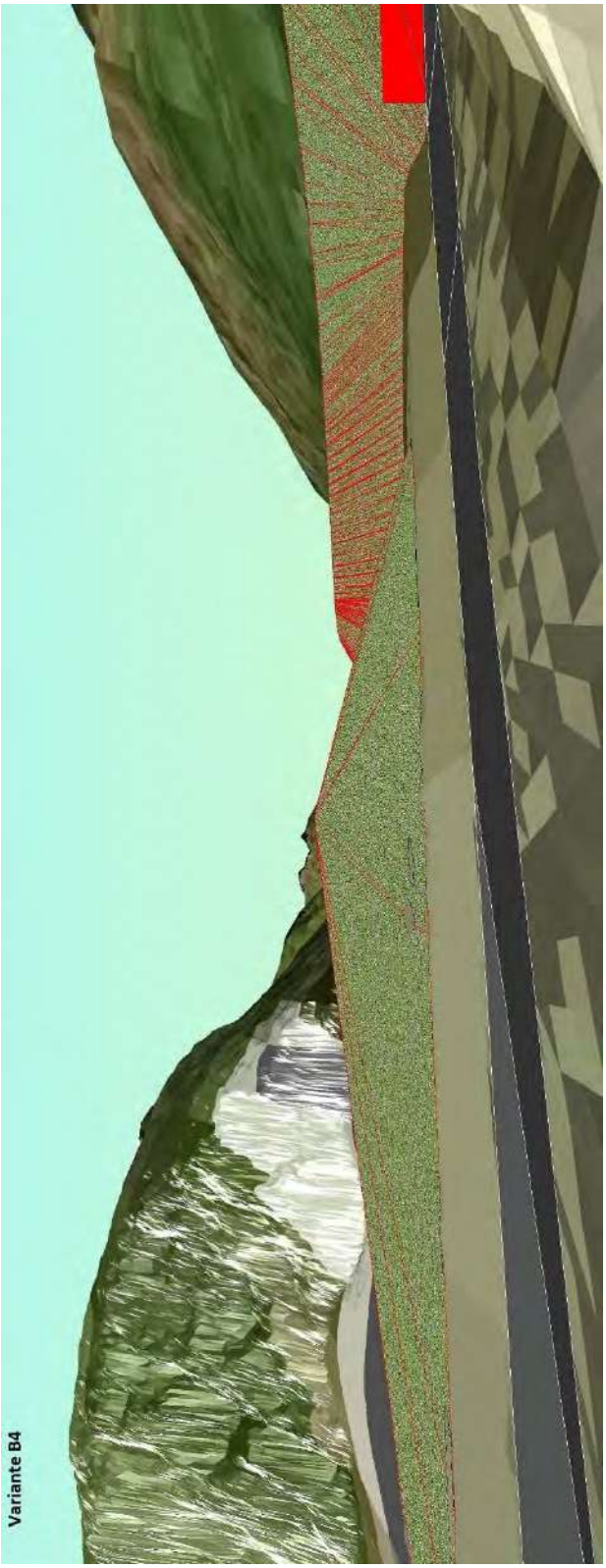


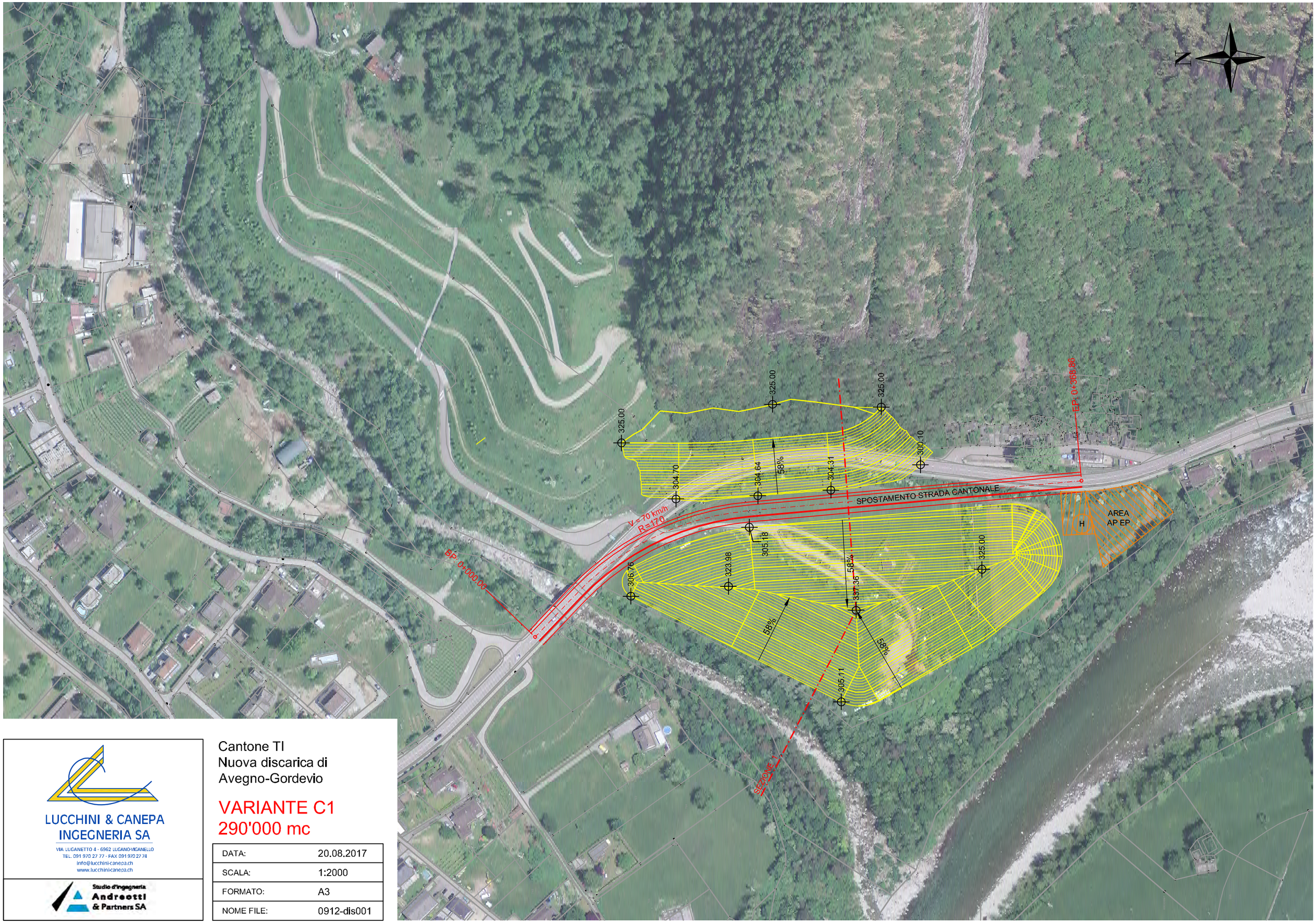
Figura 54: Variante B4, simulazione vista dai Grotti di Aurigeno

ALLEGATO 8 – VARIANTE C1

PLANIMETRIA 1:2’000

SEZIONI 1:100

VISTE PROSPETTICHE



LUCCHINI & CANEPA
INGEGNERIA SA

VIA LUGANETTO 4 - 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 - FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

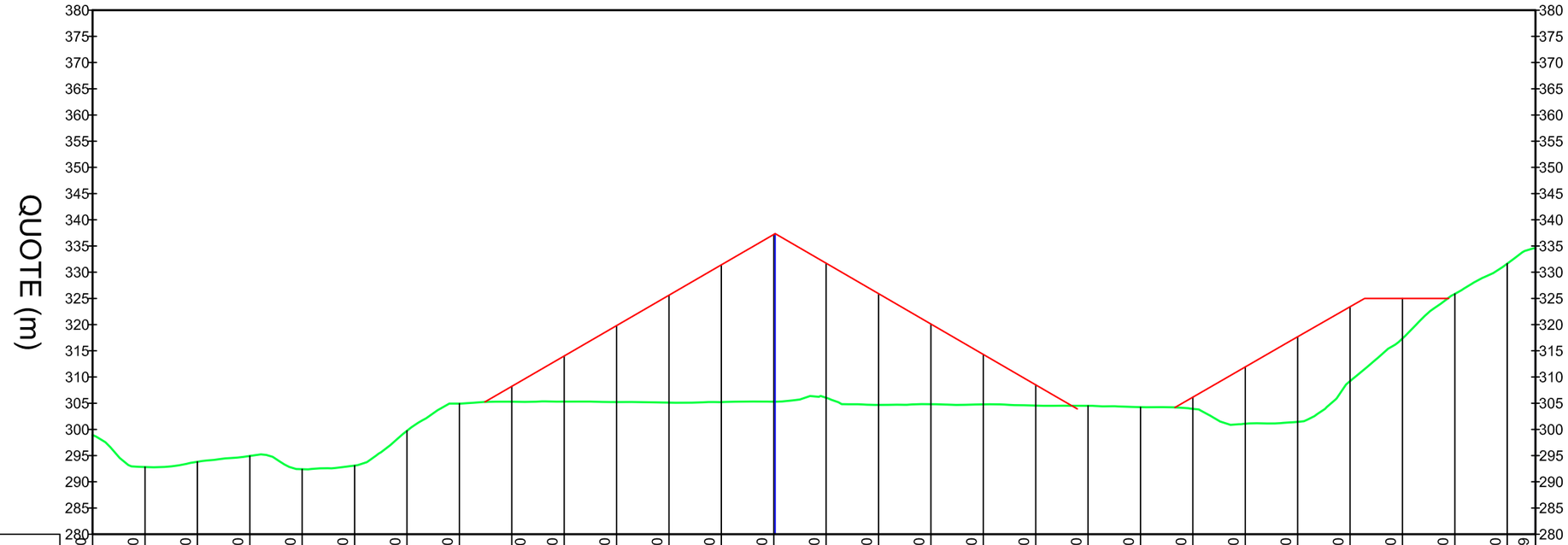
Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE C1
290'000 mc

DATA:	20.08.2017
SCALA:	1:2000
FORMATO:	A3
NOME FILE:	0912-dis001

VAR C1 Sezione 1



STAZIONI DISTANZE PROGRESSIVE (m)	QUOTE TERRENO ESISTENTE (m)	QUOTE PROGETTO (m)
0+000.00	298.93	
0+010.00	292.83	
0+020.00	293.83	
0+030.00	294.93	
0+040.00	292.40	
0+050.00	293.09	
0+060.00	299.74	
0+070.00	304.94	
		308.21
0+080.00	305.29	
0+090.00	305.30	314.00
0+100.00	305.23	319.80
0+110.00	305.11	325.59
0+120.00	305.22	331.39
0+130.00	305.29	337.21
0+140.00	306.04	331.71
0+150.00	304.67	325.91
0+160.00	304.81	320.11
0+170.00	304.78	314.31
0+180.00	304.56	308.51
0+190.00	304.50	
0+200.00	304.23	
0+210.00	303.92	306.16
0+220.00	301.06	311.93
0+230.00	301.43	317.68
0+240.00	309.21	323.41
0+250.00	317.35	325.00
0+260.00	325.86	
0+270.00	331.64	
0+275.39	334.67	

LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 - 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 - FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE C1
Sezioni

DATA:	21.08.2017
SCALA:	1:1000
FORMATO:	A3
NOME FILE:	0912-dis001

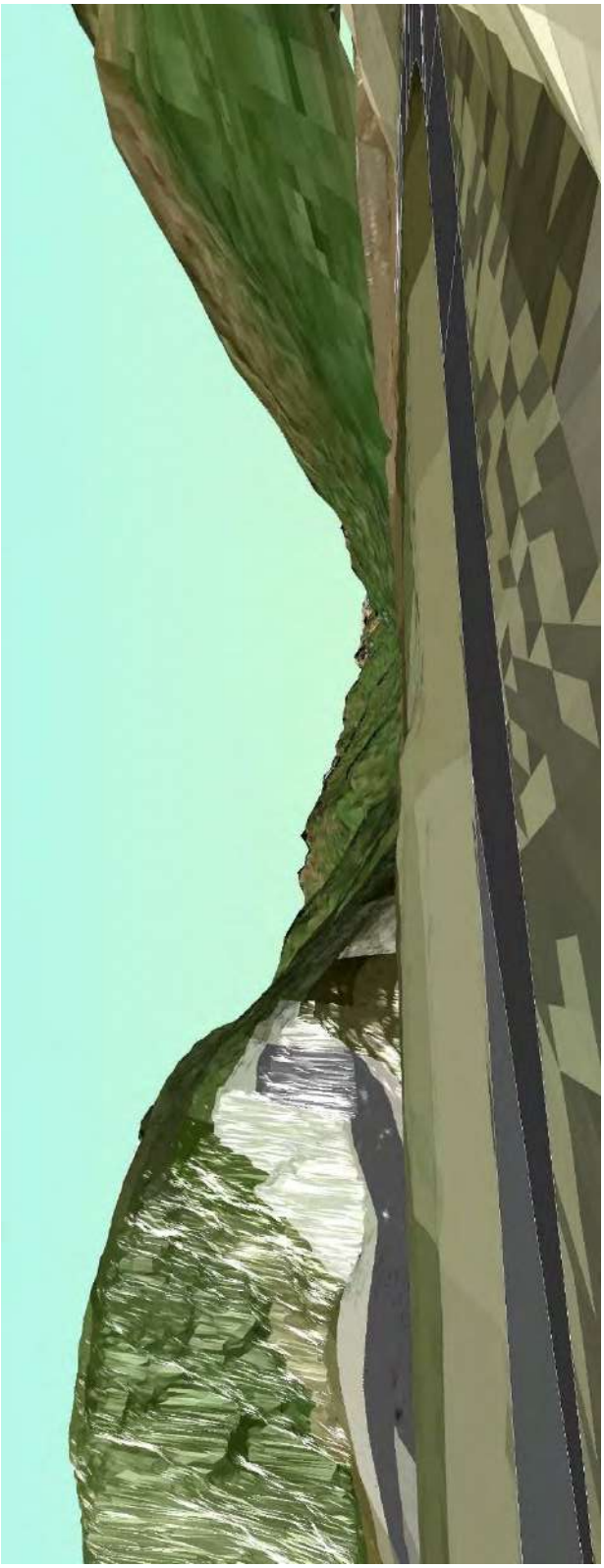


Figura 55: Simulazione vista attuale dai Grotti di Aurigeno

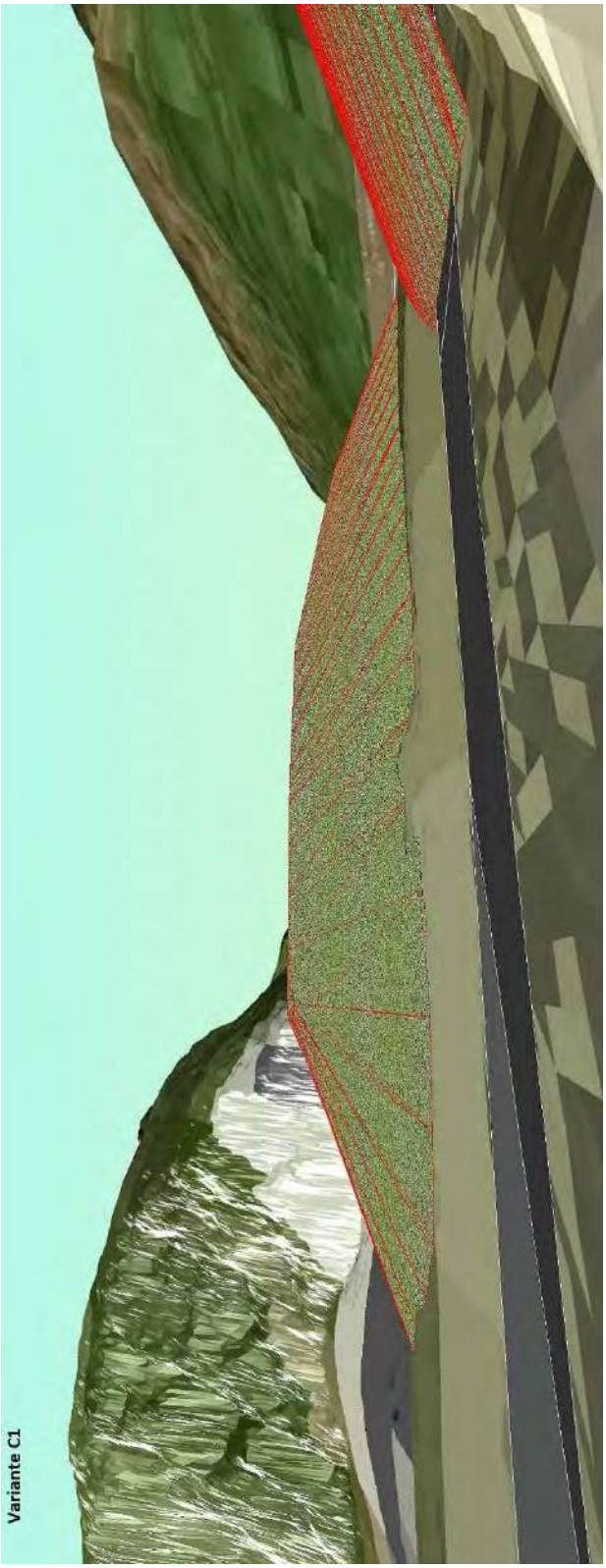


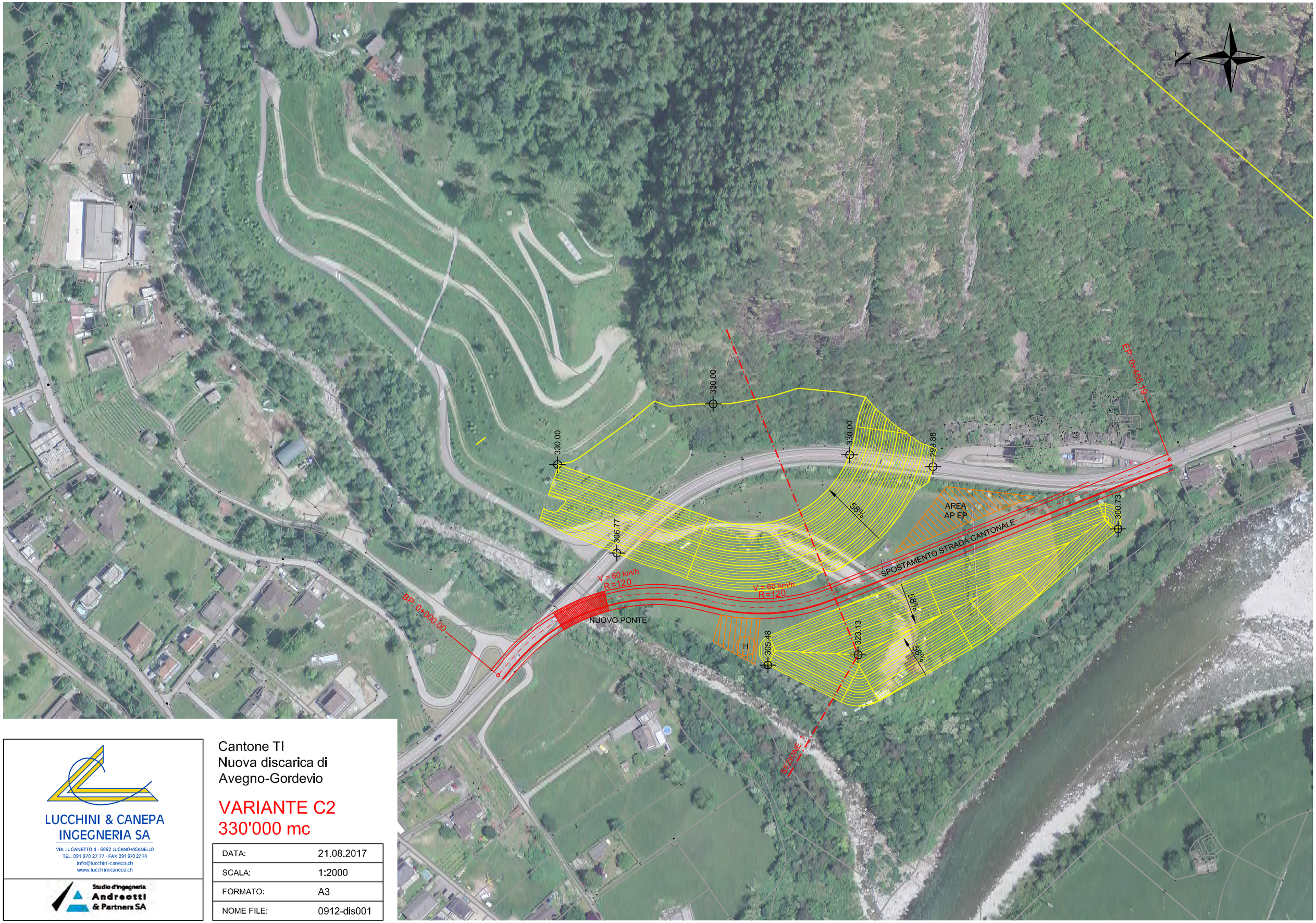
Figura 56: Variante C1, simulazione vista dai Grotti di Aurigeno

ALLEGATO 9 – VARIANTE C2

PLANIMETRIA 1:2’000

SEZIONI 1:100

VISTE PROSPETTICHE



LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 · 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 · FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

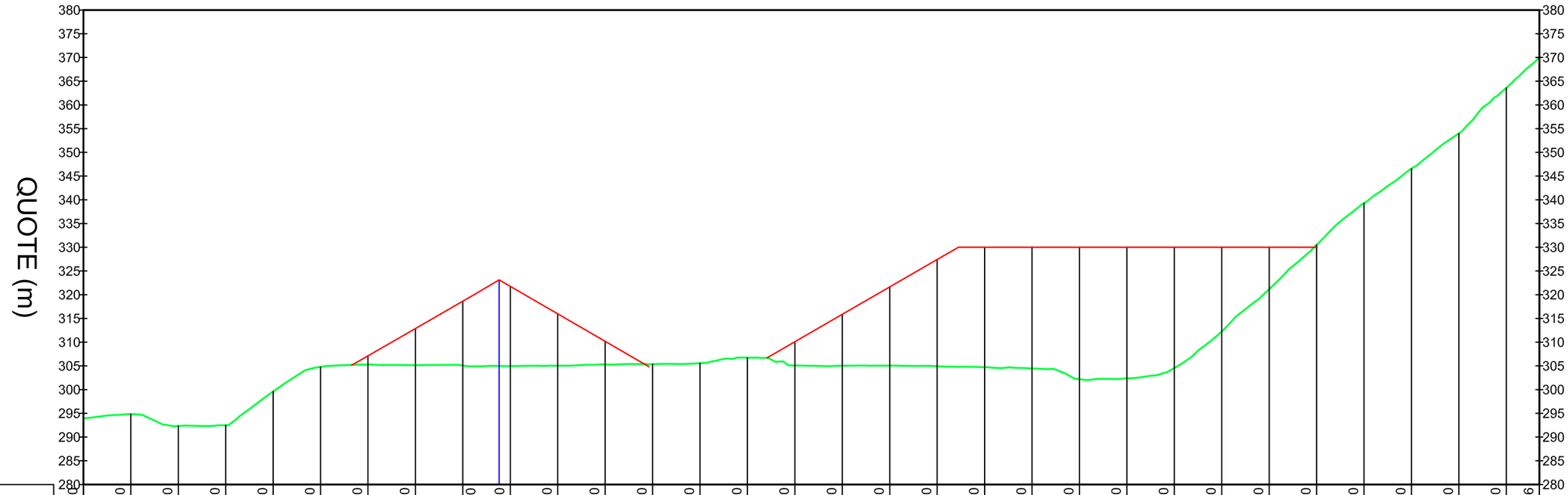
Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE C2
330'000 mc

DATA:	21.08.2017
SCALA:	1:2000
FORMATO:	A3
NOME FILE:	0912-dis001

VAR C2 Sezione 1



STAZIONI DISTANZE PROGRESSIVE (m)	0+000.00	0+010.00	0+020.00	0+030.00	0+040.00	0+050.00	0+060.00	0+070.00		0+080.00	0+090.00	0+100.00	0+110.00	0+120.00	0+130.00	0+140.00	0+150.00	0+160.00	0+170.00	0+180.00	0+190.00	0+200.00	0+210.00	0+220.00	0+230.00	0+240.00	0+250.00	0+260.00	0+270.00	0+280.00	0+290.00	0+300.00	0+306.96
QUOTE TERRENO ESISTENTE (m)	293.92	294.83	292.33	292.50	299.60	304.78	305.28	305.15		305.08	304.97	305.04	305.31	305.36	305.57	306.72	305.08	305.04	305.06	304.92	304.72	304.44	302.18	302.37	304.53	312.27	321.12	330.50	339.30	346.58	353.98	363.60	370.00
QUOTE PROGETTO (m)							307.11	312.85	318.63	321.76		315.97	310.17				310.08	315.87	321.64	327.41	330.00	330.00	330.00	330.00	330.00	330.00	330.00	330.00					

LUCCHINI & CANEPA
INGEGNERIA SA
VIA LUGANETTO 4 • 6962 LUGANO-VIGANELLO
TEL. 091 970 27 77 • FAX 091 970 27 74
info@lucchini-canepa.ch
www.lucchini-canepa.ch

Studio d'ingegneria
Andreotti
& Partners SA

Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTE C2
Sezioni

DATA:	21.08.2017
SCALA:	1:1000
FORMATO:	A3
NOME FILE:	0912-dis001

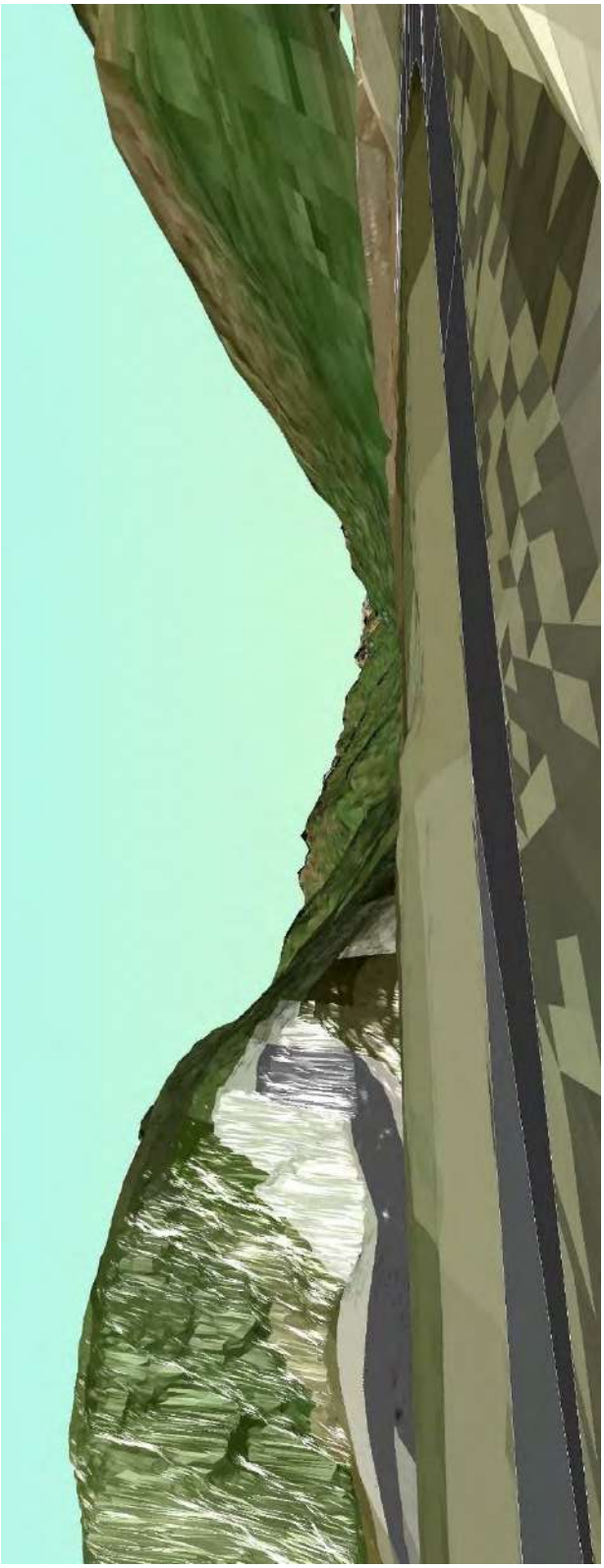


Figura 57: Simulazione vista attuale dai Grotti di Aurigeno

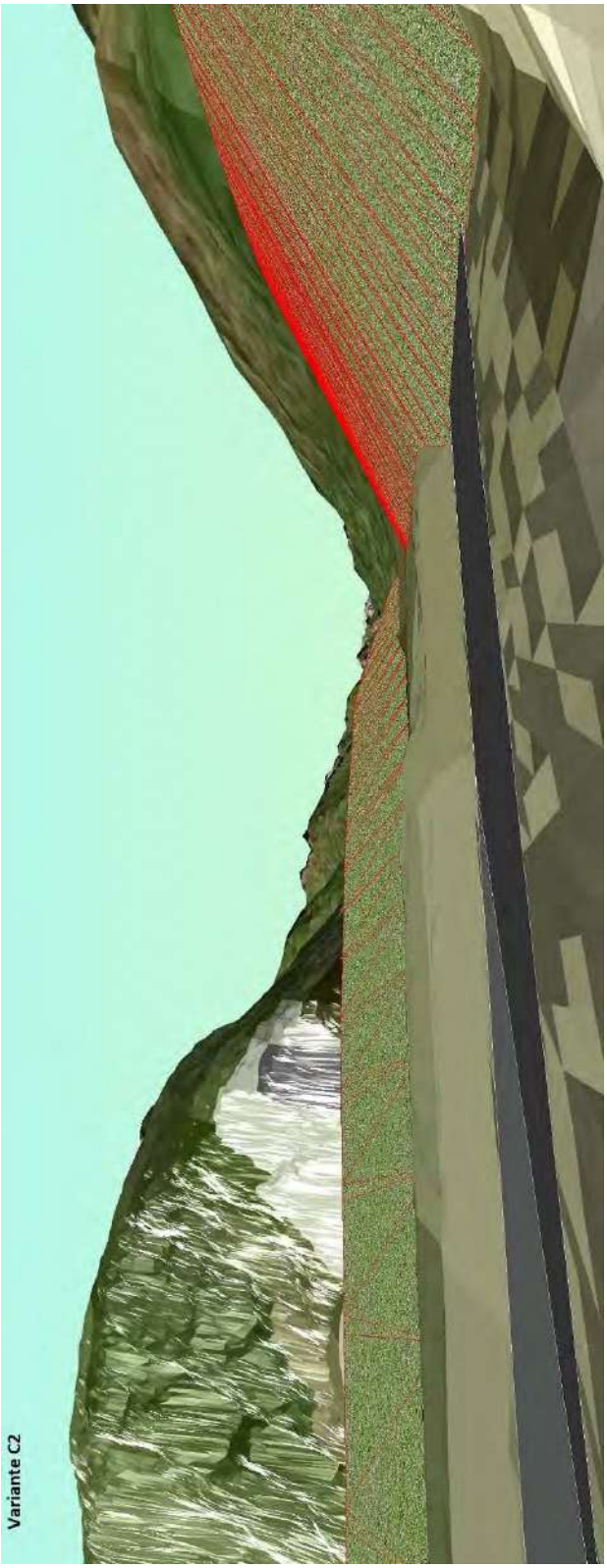
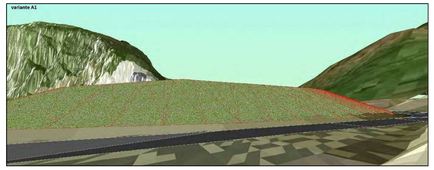


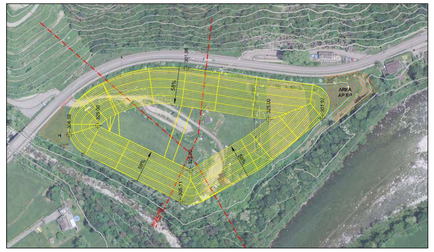
Figura 58: Variante C2, simulazione vista dai Grotti di Aurigeno

ALLEGATO 10 – RIASSUNTO VARIANTI

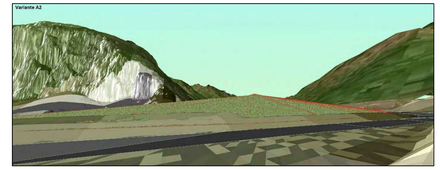
VARIANTI "A VALLE"

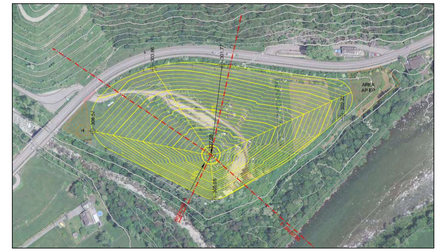
VAR A1 V= 270'000 m3, S=26'000 m2, Hmax=325 msm



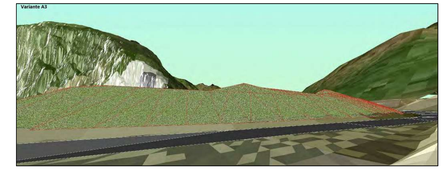


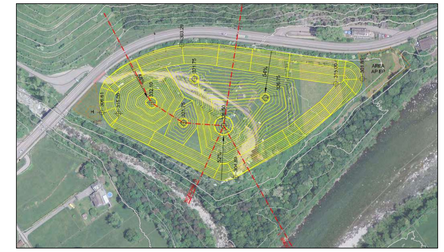
VAR A2 V= 150'000 m3, S=26'000 m2, Hmax=328 msm





VAR A3 V= 250'000 m3, S=26'000 m2, Hmax=328 msm





LUCCHINI & CANEPA INGEGNERIA SA
VIA LUGANETTO 6 - 6963 LUGANO-MONTAGNOLA
TEL. 091 972 27 71 - FAX 091 972 27 78
email: info@lucchinicanepa.ch
www.lucchinicanepa.ch

Studio Programmi Andreatti & Partners SA

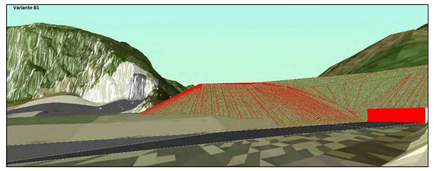
Cantone TI
Nuova discarica di
Avegno-Gordevio

VARIANTI SVILUPPATE

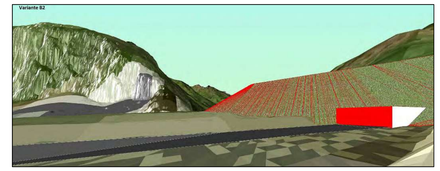
DATA:	04.09.2017
SCALA:	-
FORMATO:	60x84
NOME FILE:	0912-dis002

VARIANTI "GALLERIA"

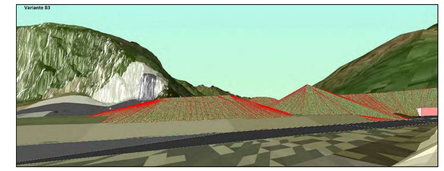
VAR B1 V= 580'000 m3, S=41'500 m2, Hmax=350 msm



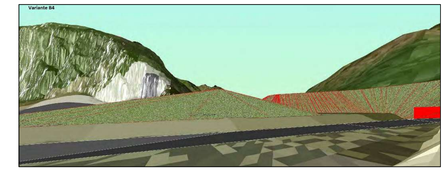
VAR B2 V= 560'000 m3, S=38'300 m2, Hmax=335 msm



VAR B3 V= 250'000 m3, S=33'000 m2, Hmax=330 msm

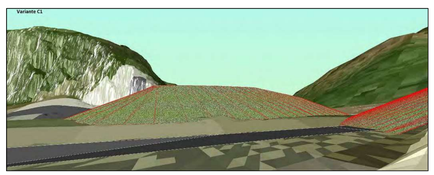


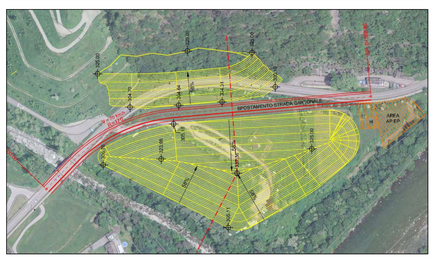
VAR B4 V= 330'000 m3, S=37'100 m2, Hmax=325 msm



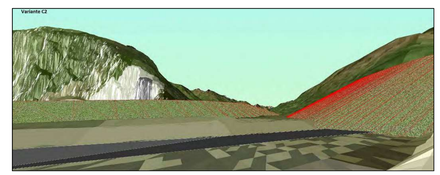
VARIANTI "SPOSTAMENTO INFRASTRUTTURE"

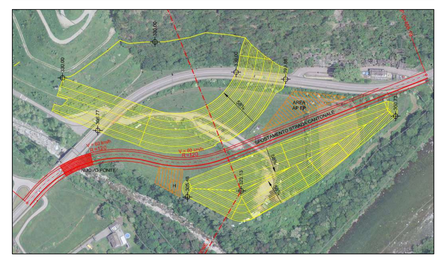
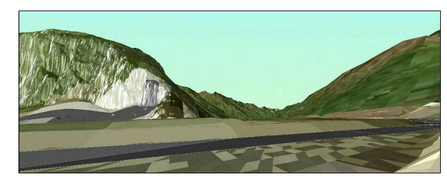
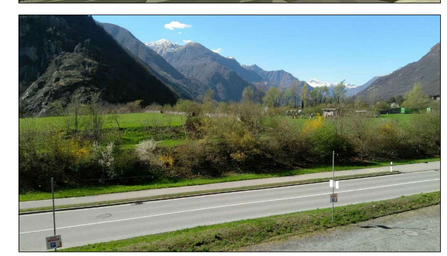
VAR C1 V= 290'000 m3, S=30'900 m2, Hmax=338 msm





VAR C2 V= 330'000 m3, S=32'400 m2, Hmax=330 msm





VISTA ORIGINALE DAI GROTTI VERSO VAL BAVONA