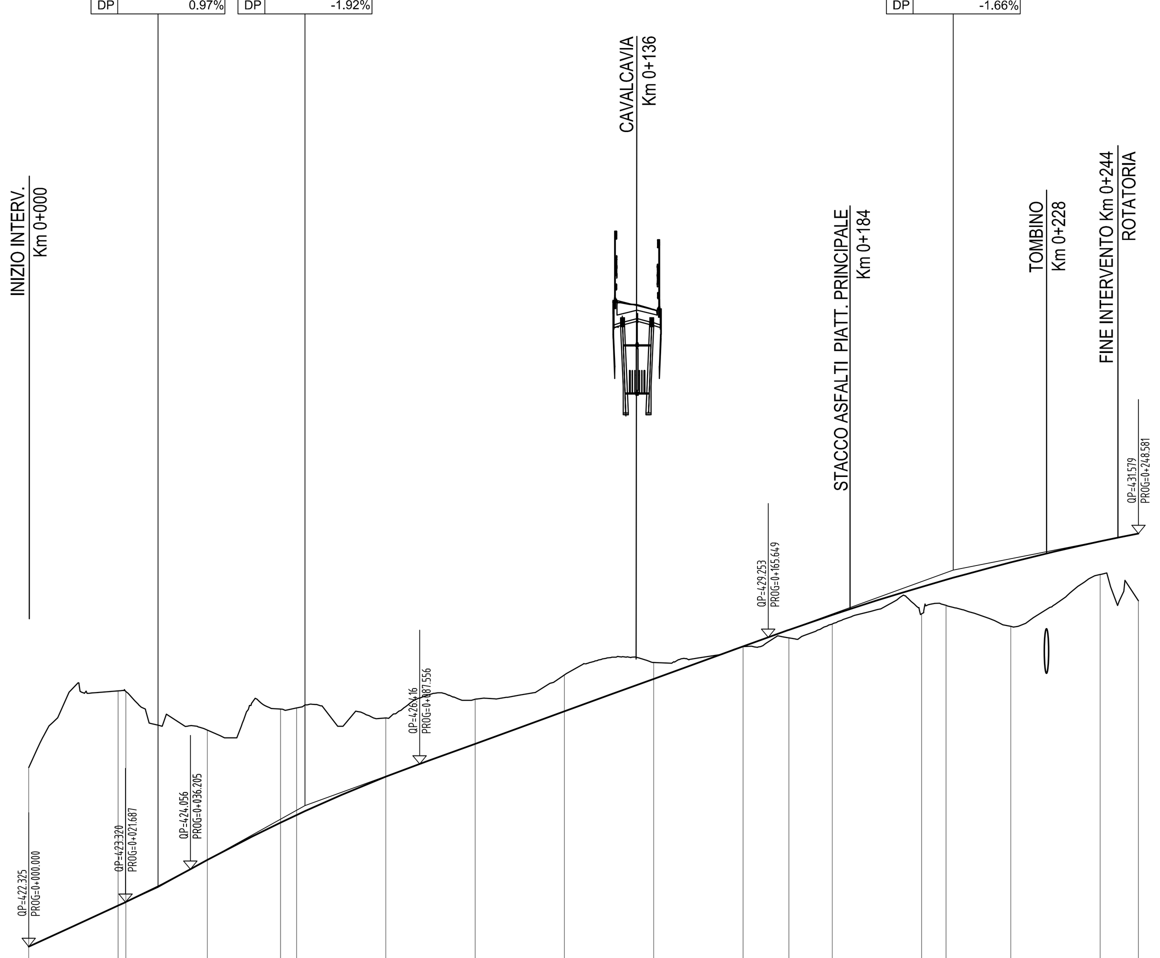
RAMPA 1

PROVINCIA	CATANIA			
COMUNE	LICODIA EUBEA			
LIVELLETTE L = / DISL = / p =	28.95 / 1.33	32.93 / 1.83 / 0.055567	145.23 / 5.28 / 0.036334	41.47 / 0.82 / 0.019748

R	1500.00	R	-2669.96	R	-5000.00
T	7.26	T	25.68	T	41.47
Fr	0.02	Fr	-0.12	Fr	-0.17
Pr	28.95	Pr	61.88	Pr	207.11
Qt	423.65	Qt	425.48	Qt	430.76
DP	0.97%	DP	-1.92%	DP	-1.66%



SCALA QUOTE 1:100
SCALA DISTANZE 1:1000

QT.RIF. 422.00

NUMERO SEZIONI	QUOTE PROGETTO	QUOTE TERRENO	DISTANZE PROGRESSIVE
1	422.325	426.334	0+000.00
2	423.242	428.054	0+020.00
3	423.322	428.042	0+021.74
4	424.264	427.174	0+040.00
5	425.103	427.645	0+056.42
6	425.272	427.671	0+060.00
7	426.131	427.447	0+080.00
8	426.868	427.865	0+100.00
9	427.595	428.412	0+120.00
10	428.321	428.689	0+140.00
11	429.048	429.046	0+160.00
12	429.419	429.241	0+170.27
13	429.754	429.552	0+180.00
14	430.383	429.779	0+200.00
15	430.542	429.968	0+205.49
16	430.933	429.498	0+220.00
17	431.402	430.660	0+240.00
18	431.579	430.073	0+248.58

ETTOMETRICHE: 0, 1, 2

DISTANZE PARZIALI: 1.74 16.42 20.00 20.00 20.00 9.73 5.49 20.00

ANDAMENTO PLANIMETRICO: D R=-4000.00 R=æ A=38.00 R=41.00

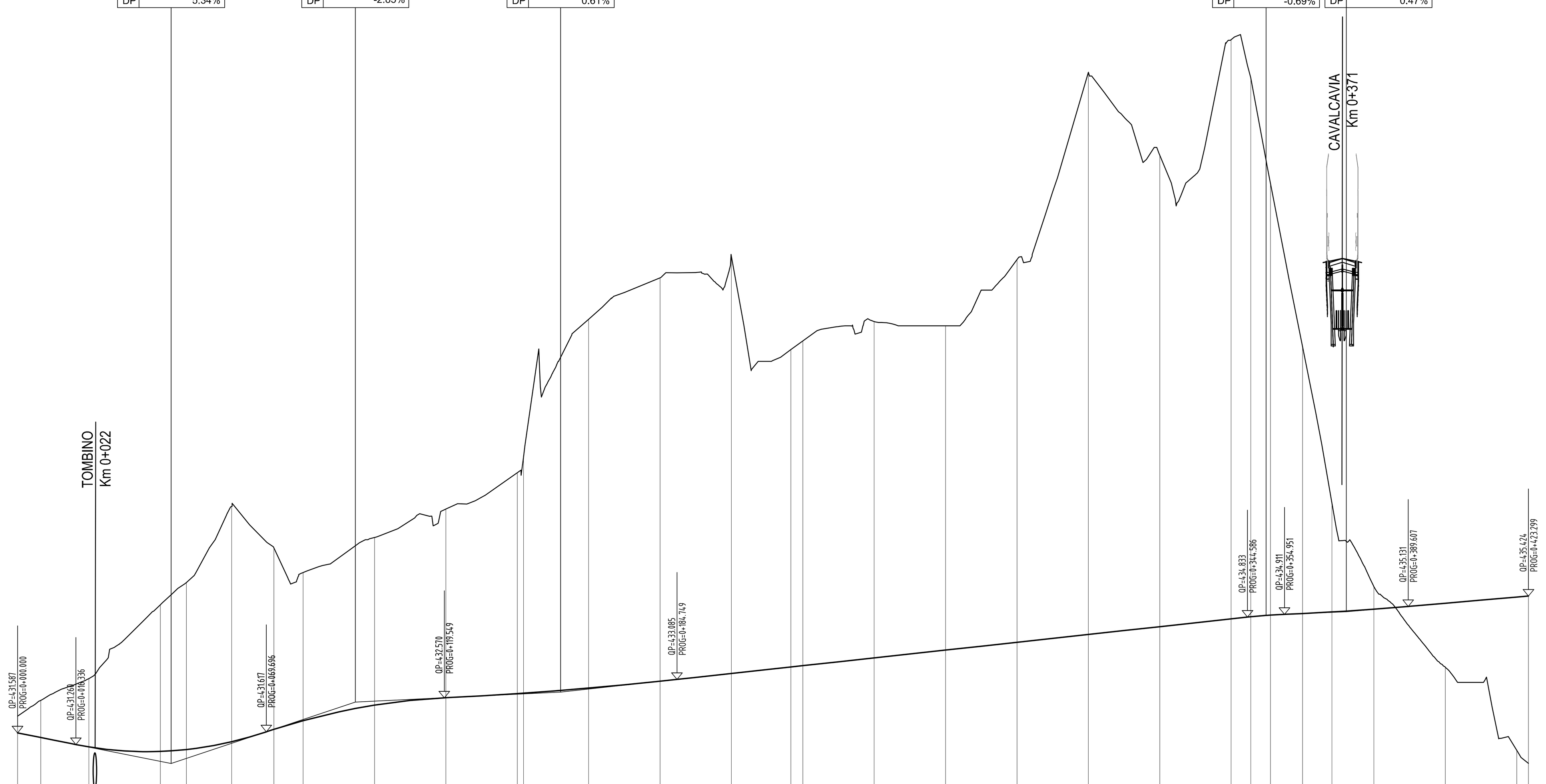
SOPRAELEVAZIONI (SX / DX): 2.50% -2.50% 2.50% -2.50% 2.50% -2.50% 5.25% -5.25% 5.25% -5.25% 7.00% -7.00%

RAMPA 4

PROVINCIA	CATANIA					
COMUNE	LICODIA EUBEA					
LIVELLETTE L = / DISL = / p =	43.02 / -0.86 / -0.020000	51.61 / 1.72 / 0.033359	57.53 / 0.28 / 0.004872	197.62 / 2.16 / 0.010936	22.51 / 0.09 / 0.004026	51.02 / 0.44 / 0.008697

R	1000.00	R	-1750.00	R	10751.82	R	-1500.00	R	7419.98
T	26.68	T	24.93	T	32.60	T	5.18	T	17.33
Fr	0.36	Fr	-0.18	Fr	0.05	Fr	-0.01	Fr	0.02
Pr	43.02	Pr	94.62	Pr	152.15	Pr	349.77	Pr	372.28
Qt	430.73	Qt	432.45	Qt	432.73	Qt	434.89	Qt	434.98
DP	5.34%	DP	-2.85%	DP	0.61%	DP	-0.69%	DP	0.47%

CATANIA ⇨



SCALA QUOTE 1:100
SCALA DISTANZE 1:1000

QT.RIF. 430,00

NUMERO SEZIONE	QUOTE PROGETTO	QUOTE TERRENO	PROGRESSIVE
1	431.587	432.056	0+000.00
2	431.457	432.497	0+006.50
3	431.194	433.107	0+020.00
4	431.067	435.177	0+040.00
5	431.120	435.801	0+047.29
6	431.340	437.935	0+060.00
7	431.686	436.774	0+071.81
8	431.930	436.081	0+080.00
9	432.365	437.064	0+100.00
10	432.572	437.860	0+120.00
11	432.689	438.880	0+140.00
12	432.701	439.317	0+141.73
13	432.843	443.180	0+160.00
14	433.034	444.343	0+180.00
15	433.252	444.945	0+200.00
16	433.434	442.330	0+216.64
17	433.471	442.576	0+220.00
18	433.689	443.116	0+240.00
19	433.908	443.000	0+260.00
20	434.127	444.855	0+280.00
21	434.346	450.103	0+300.00
22	434.564	447.780	0+320.00
23	434.783	451.018	0+340.00
24	434.843	449.951	0+345.49
25	434.890	446.991	0+351.01
26	434.933	442.412	0+360.00
27	434.976	438.028	0+368.25
28	435.054	435.687	0+380.00
29	435.222	433.428	0+400.00
30	435.395	431.099	0+420.00
31	435.424	430.731	0+423.30

ETTOMETRICHE: 0, 1, 2, 3, 4

DIST. PARZIALI: 13.50 20.00 7.29 12.71 11.81 8.19 20.00 20.00 20.00 1.73 18.27 20.00 20.00 16.64 3.36 20.00 20.00 20.00 20.00 20.00 20.00 5.49 8.99 8.25 11.75 20.00 20.00

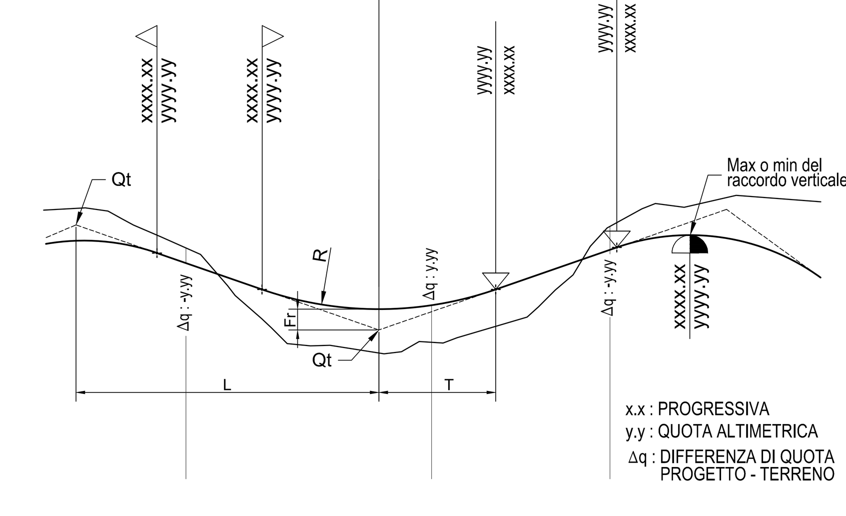
ANDAMENTO PLANIMETRICO: R=50.00 A=35.02 R=æ A=223.69 R=-667.95 R R=æ

ANDAMENTO CIGLI (SX / DX): 7.00% -7.00% 7.00% -7.00% 7.00% -7.00% 7.00% -7.00%

LEGENDA

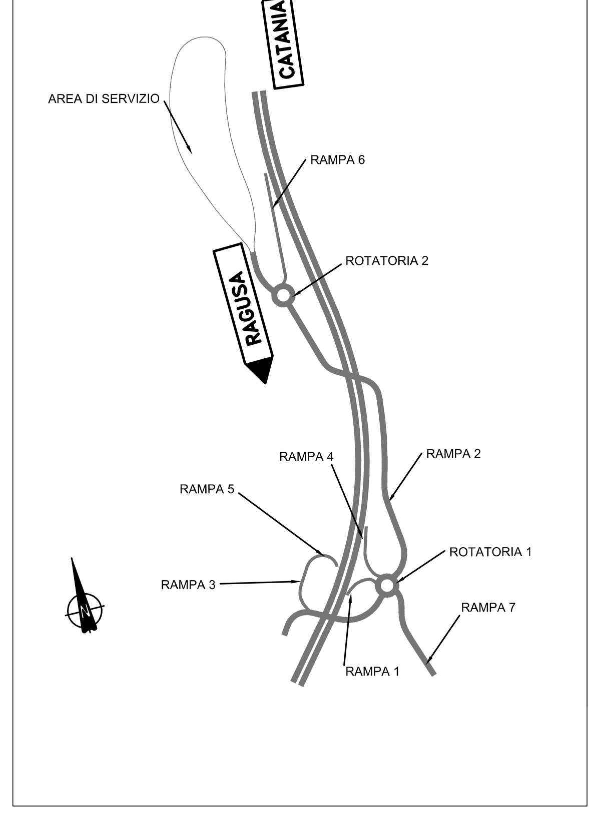
h =	Δh LIVELLETTA	h =	Δ h LIVELLETTA
L =	DISTANZA ORIZZONTALE VERTICI ALTIMETRICI	L =	DISTANZA ORIZZONTALE VERTICI ALTIMETRICI
i =	PENDENZA (-DISCESA; +ASCESA)	i =	PENDENZA (-DISCESA; +ASCESA)

R	RAGGIO RACCORDO ALTIMETRICO
T	TANGENTE ALTIMETRICA
Fr	FRECCIA RACCORDO ALTIMETRICO
Pr	PROGRESSIVA VERTICE RACCORDO ALTIMETRICO
Qt	QUOTA VERTICE RACCORDO ALTIMETRICO



x.x : PROGRESSIVA
y.y : QUOTA ALTIMETRICA
Δq : DIFFERENZA DI QUOTA PROGETTO - TERRENO

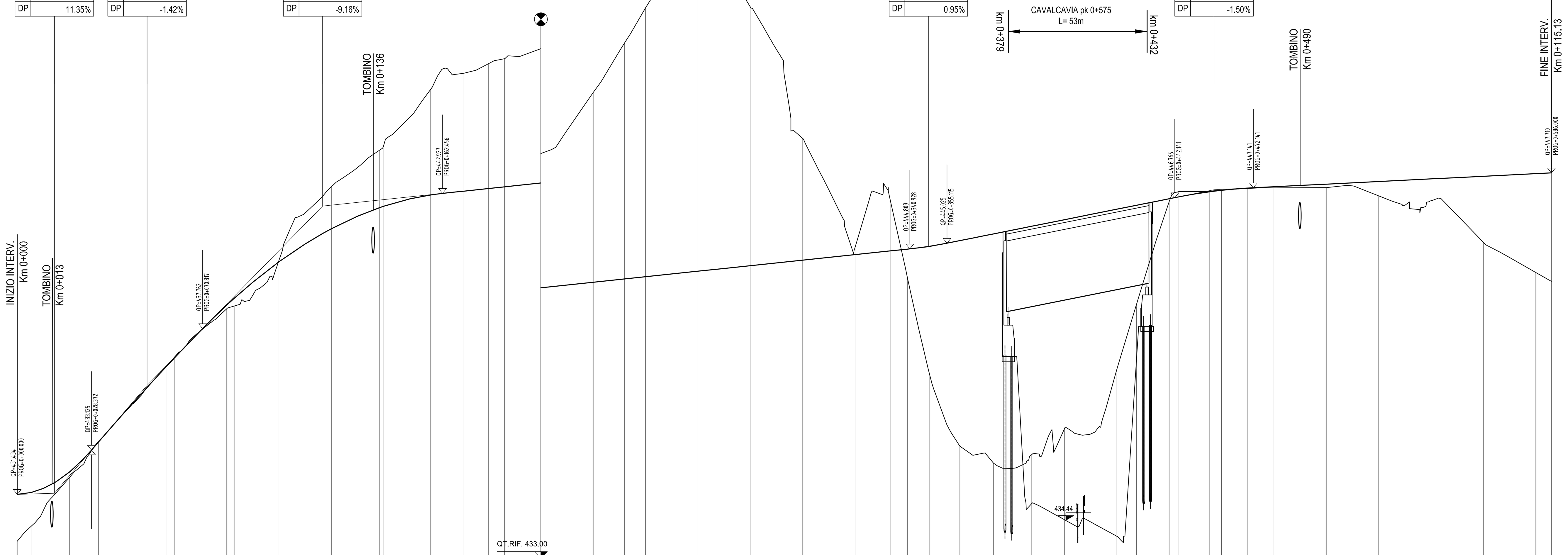
SCHEMA SVINCOLO 4



RAMPA 2

PROVINCIA	CATANIA					
COMUNE	LICODIA EUBEA					
LIVELLETTE L = / DISL = / p =	14.19 / 0.04	35.41 / 4.12 / 0.116345	67.04 / 6.85 / 0.102181	231.39 / 2.44 / 0.010542	109.12 / 2.18 / 0.020000	128.86 / 0.64 / 0.005000

R	250.00	R	-2996.66	R	-1000.00	R	1500.00	R	-2000.00
T	14.19	T	21.22	T	45.82	T	7.09	T	15.00
Fr	0.40	Fr	-0.08	Fr	-1.05	Fr	0.02	Fr	-0.06
Pr	14.19	Pr	49.59	Pr	116.64	Pr	348.02	Pr	457.14
Qt	431.47	Qt	435.59	Qt	442.44	Qt	444.88	Qt	447.07
DP	11.35%	DP	-1.42%	DP	-9.16%	DP	0.95%	DP	-1.50%



SCALA QUOTE 1:100
SCALA DISTANZE 1:1000

QT.RIF. 429.00

NUMERO SEZIONE	QUOTE PROGETTO	QUOTE TERRENO	PROGRESSIVE
1	431.434	429.646	0+000.00
2	431.505	430.214	0+005.31
3	432.291	432.081	0+020.00
4	433.432	433.462	0+031.02
5	434.455	434.455	0+040.00
6	436.339	436.355	0+057.19
7	436.637	436.667	0+060.00
8	438.658	438.522	0+080.00
9	438.925	438.627	0+082.91
10	440.318	440.374	0+100.00
11	441.578	443.181	0+120.00
12	442.381	444.570	0+138.31
13	442.438	444.775	0+140.00
14	442.869	446.899	0+157.91
15	442.898	447.296	0+160.00
16	443.013	447.517	0+170.60
17	443.112	447.879	0+180.00
18	443.177	448.071	0+186.15
19	443.323	448.451	0+200.00
20	443.534	450.781	0+220.00
21	443.660	452.673	0+231.95
22	443.745	454.012	0+240.00
23	443.956	456.000	0+260.00
24	444.166	454.053	0+280.00
25	444.377	449.025	0+300.00
26	444.588	444.865	0+320.00
27	444.732	446.588	0+333.65
28	444.799	443.717	0+340.00
29	444.908	439.997	0+348.53
30	445.123	437.276	0+360.00
31	445.380	436.627	0+372.85
32	445.523	436.424	0+380.00
33	445.670	436.937	0+387.35
34	445.923	437.944	0+400.00
35	446.323	440.203	0+420.00
36	446.473	442.684	0+427.50
37	446.507	443.239	0+429.18
38	446.723	446.617	0+440.00
39	446.796	447.000	0+443.68
40	446.986	447.013	0+455.33
41	447.043	447.051	0+460.00
42	447.128	447.112	0+469.83
43	447.180	447.139	0+480.00
44	447.280	447.148	0+500.00
45	447.380	446.833	0+520.00
46	447.480	446.646	0+540.00
47	447.580	445.061	0+560.00
48	447.680	443.908	0+580.00
49	447.710	443.566	0+586.00

ETTOMETRICHE: 0, 1, 2, 3, 4, 5

DIST. PARZIALI: 14.69 11.02 8.98 17.19 2.81 20.00 2.91 17.09 20.00 18.31 1.69 17.91 2.09 9.40 13.85 20.00 11.95 8.05 20.00 20.00 20.00 20.00 20.00 13.65 6.35 11.47 12.85 7.15 12.65 20.00 7.50 10.82 11.64 9.83 10.17 20.00 20.00 20.00 20.00 20.00

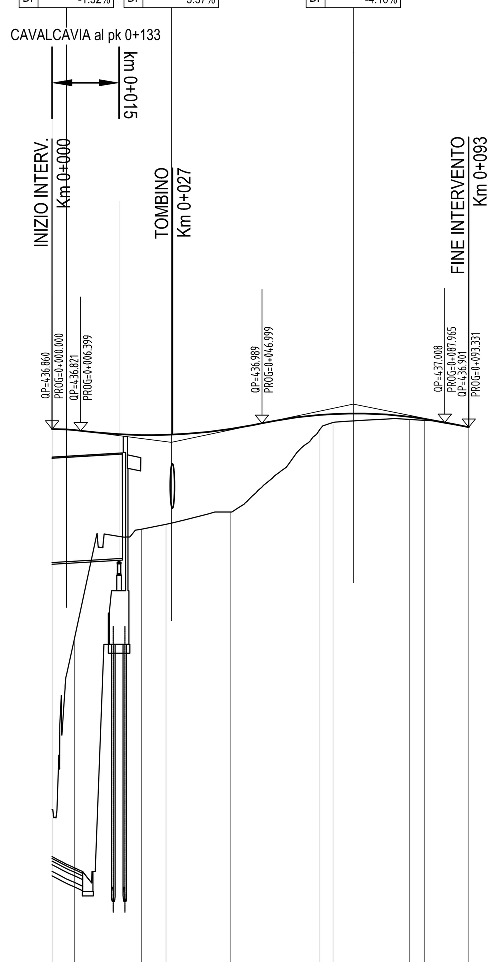
ANDAMENTO PLANIMETRICO: D A=37.61 R=-55.00 A=37.61 R=æ A=39.60 R=80.00 A=35.28 A=178.21 R=-693.45 A=23.42 R=-35.00 A=22.53 R=æ A=22.53 R=35.00 A=22.53 R=æ

ANDAMENTO CIGLI (SX / DX): -2.50% -2.50% 7.00% -7.00% 7.00% -7.00% -2.50% -2.50% 7.00% -7.00% 7.00% -7.00% 5.20% -5.20% 5.20% -5.20% 7.00% -7.00% 7.00% -7.00% -2.50% -2.50% 7.00% -7.00% 7.00% -7.00% -2.50% -2.50%

RAMPA 3

PROVINCIA	CATANIA		
COMUNE	LICODIA EUBEA		
LIVELLETTE L = / DISL = / p =	23.50 / -0.30 / -0.012700	40.78 / 0.86 / 0.020966	25.85 / -0.52 / -0.020000

R	-485.94	R	1206.00	R	-1000.00
T	3.20	T	20.30	T	20.48
Fr	-0.01	Fr	0.17	Fr	-0.21
Pr	3.20	Pr	26.70	Pr	67.48
Qt	436.86	Qt	436.56	Qt	437.42
DP	-1.32%	DP	3.37%	DP	-4.10%



SCALA QUOTE 1:100
SCALA DISTANZE 1:1000

QT.RIF. 424.00

NUMERO SEZIONE	QUOTE PROGETTO	QUOTE TERRENO	PROGRESSIVE
1	436.860	428.334	0+000.00
2	436.836	432.157	0+005.00
3	436.725	434.617	0+020.00
4	436.730	434.727	0+025.53
5	436.862	435.000	0+040.00
6	437.177	436.853	0+060.00
7	437.196	437.007	0+062.94
8	437.136	437.075	0+080.00
9	437.088	437.056	0+083.47
10	436.901	436.901	0+093.33

ETTOMETRICHE: 0

DIST. PARZIALI: 15.00 5.53 14.47 20.00 2.94 17.06 3.47

ANDAMENTO PLANIMETRICO: D A=26.80 R=35.00 A=26.80 D

ANDAMENTO CIGLI (SX / DX): 2.50% -2.50% 2.50% -2.50%

Ministero delle Infrastrutture e dei Trasporti
Struttura di Vigilanza sulle Concessionarie Autostradali

AMMODERNAMENTO A N° 4 CORSIE DELLA S.S. 514
"DI CHIARAMONTE" E DELLA S.S. 194 RAGUSANA
DALLO SVINCOLO CON LA S.S. 115 ALLO
SVINCOLO CON LA S.S. 114.
(C.U.P. F12C03000000001)

PROGETTO DEFINITIVO

LOTTO 4
PROGETTO INFRASTRUTTURA
Svincolo 4 "LICODIA EUBEA"
Profili longitudinali
Tavola 1 di 2

Il Progettista	*Supporto specialistico*
Responsabile di progetto ed incaricato delle integrazioni tra le varie prestazioni: SILEC S.p.A.	Ottimizzazione della cantierizzazione delle opere — EFarm engineering & consulting
Ing. Santa Monaco - Ordine Ing. Torino 5760H	*Ing. Gianmaria De Stavola - Ordine Ing. Venezia 2074*

Consulenze specialistiche

Geologo:	*Geotecnica e opere d'arte minori:*
Dott. Geologo Fabio Melchiorri *Ordine Geologi del Lazio A.P. n 663*	*Ing. Antonio Alparone* — ALISEA
Opere d'arte principali: Viadotti *Ing. G. Mondello* ITALCONSULT; Gallerie *Ing. G. Guiducci* GP ingegneria	*Opere di mitigazione dell'impatto ambientale:* Ecosistemi e paesaggio (Anthemis); Rumore, vibrazioni ed atmosfera (ALTRAN)

RIFERIMENTO ELABORATO

FASE	TR\LT	DISCIPLINA\OPERA	DOC	PROGR.	ST.\REV.	FOGLIO	DATA
D01	T1L4	CSI04-1	F7	001	0A	01 DI 02	GENNAIO '17

SCALA 1:1000/100

REV.	DATA	DESCRIZIONE	REDATTO\CONSULENTE	VERIFICATO	APPROVATO
A	GENNAIO '17	Emissione	SILEC/EFARM	De Stavola	Monaco

IL RESPONSABILE DEL PROCEDIMENTO	IL CONCESSIONARIO SARC SRL	L'ENTITA' COSTRUTTRICE VISTO PER ACCETTAZIONE

SCALA PLOTTAGGIO 1:1 — Dal 9 al 255 0.16 — Bianco 0.08 — Magenta 0.56 — Blu 0.48 — Ciano 0.40 — Verde 0.32 — Giallo 0.24 — Rosso 0.16

DIR.: K:\Commesse\01\10Elaborat — N. FILE.: D01-T1L4-CSI04-1-F7-001-0A