



ANAS S.p.a

Compartimento della Viabilità per l'Emilia e Romagna

VARIANTE ALLA S.S. 16 ADRIATICA Bellaria–Rimini–Riccione–Misano

tra il Km 193+000 al Km 220+000

PROGETTO DEFINITIVO DG 4/99

PROGETTO STRADALE

SEZIONI TRASVERSALI CARATTERISTICHE DA SEZIONE 801 A SEZIONE 1000



Ingegneria europea

Mandataria del Raggruppamento Temporaneo di Imprese costituito da:



Ingegneria europea

IL PROGETTISTA
Ing. Michele Parrella
Ord. Ingg. Avellino N.933

IL DIRETTORE TECNICO
Ing. Maurizio Torresi
Ord. Ingg. Milano N.16492



STUDIO T.I. S.c.a.r.l.

IL PROGETTISTA
Ing. Regolo Poluzzi
Ord. Ingg. Bologna N.4271

IL PROGETTISTA
Ing. Gianluigi Venerandi
Ord. Ingg. Rimini N.188



SITECO

IL PROGETTISTA
Ing. Rodolfo Biondi
Ord. Ingg. Modena N.1256

IL DIRETTORE TECNICO
Ing. Rodolfo Biondi
Ord. Ingg. Modena N.1256



Progettazione Integrata Ambiente S.r.l.

IL PROGETTISTA
Ing. Filippo Giancola
Ord. Ingg. Roma N.18193

IL DIRETTORE TECNICO
Ing. Francesco Ventura
Ord. Ingg. Roma N.14660

RIFERIMENTO ELABORATO					DATA:		REVISIONE	
DIRETTORIO			FILE		MAGGIO 2009		n.	data
codice	commessa	N.Prog.	unita'	n. progressivo	SCALA:			
15003002			STD304		1:300		-	-

VISTO DELLA COMMITTENTE



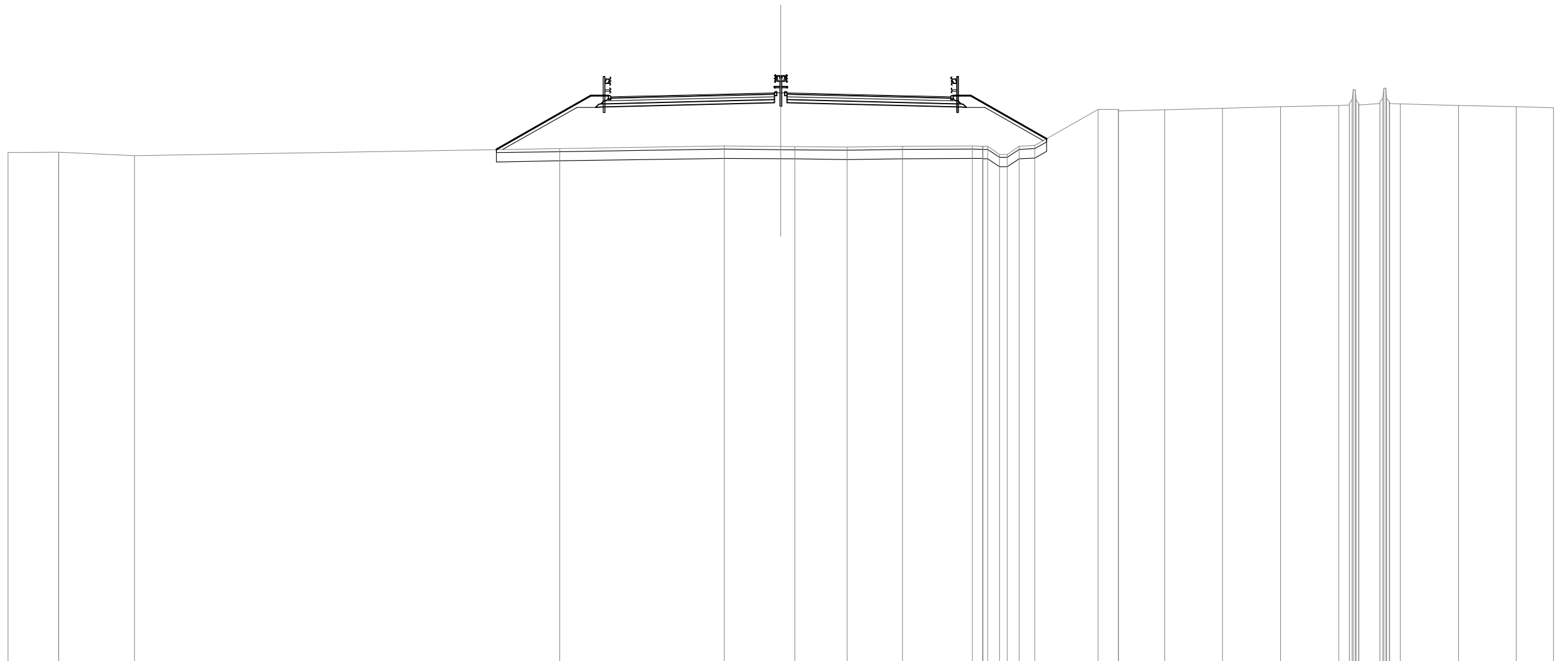
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Compartimento della Viabilità per l'Emilia e Romagna

SEZIONE N. : 823
 QT. PROGETTO : 17.001
 DIST.PROG. : 206200.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 20.000

SCALA 1:300

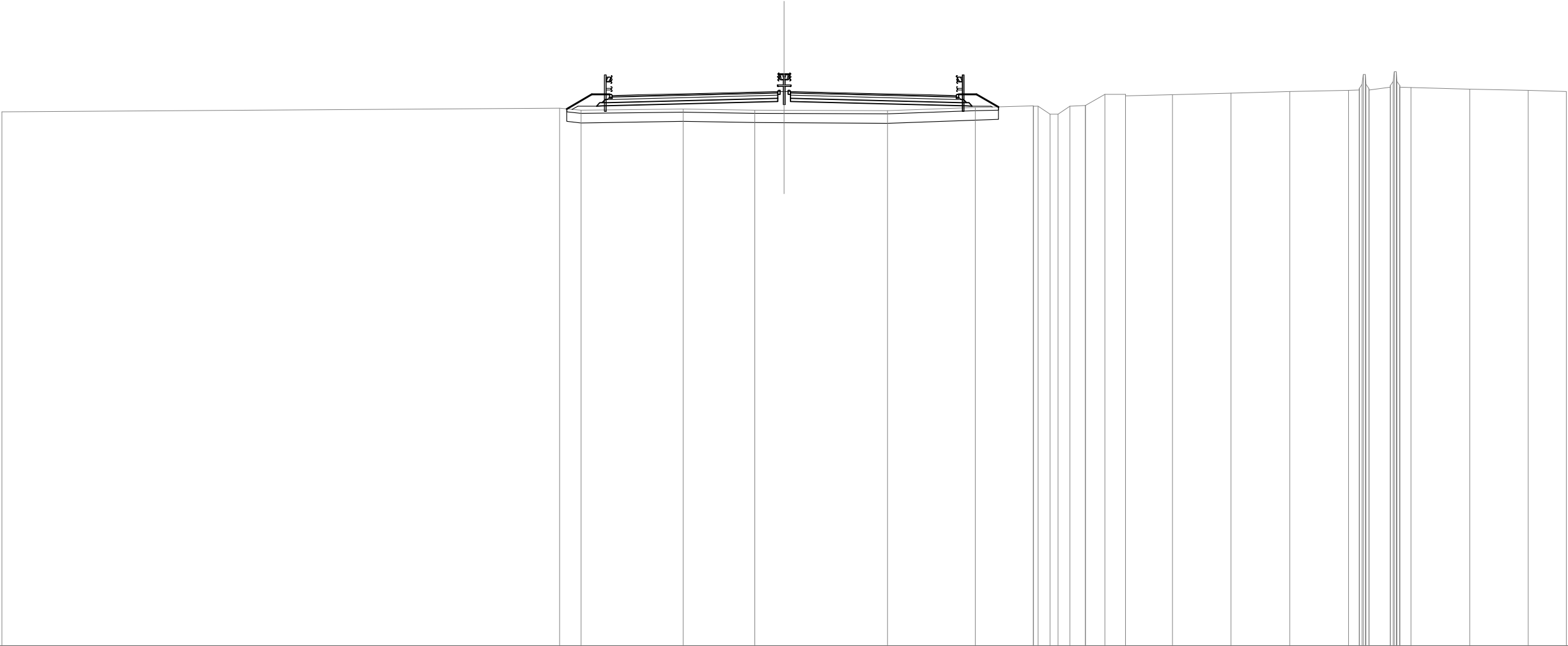
QT.RIF. -19.870



QUOTE TERRENO	13.15	13.18 13.18	12.97		13.43		13.59	13.56 13.55	13.51	13.57	13.59 13.58 13.56 13.56 13.05 13.05 13.56 13.62	15.97 15.97 15.87	15.94	16.03	16.13	16.22 16.24 16.24 16.34 16.59 17.24 17.24 16.59 16.34 16.24 16.33 16.43 16.68 17.33 17.33 16.68 16.43 16.33 16.31 16.22 16.13 16.07
DIST.PARZIALI TERRENO	3.28	4.90		27.51		10.64	3.67	0.90 3.38	3.60	4.50	0.67 0.76 0.51 0.76 1.00 4.11	1.30 3.00	3.75	3.75	3.75	0.70 1.36 0.70 3.75 3.75 2.42
QUOTE PROGETTO							16.77 16.81	16.91	17.00 17.03 17.03 17.00	16.91	16.81 16.77					
DIST.PARZIALI PROGETTO							1.75 3.75	3.75	1.35 0.80 1.35	3.75	3.75 1.75					

SCALA 1:300

QT.RIF. -20.807

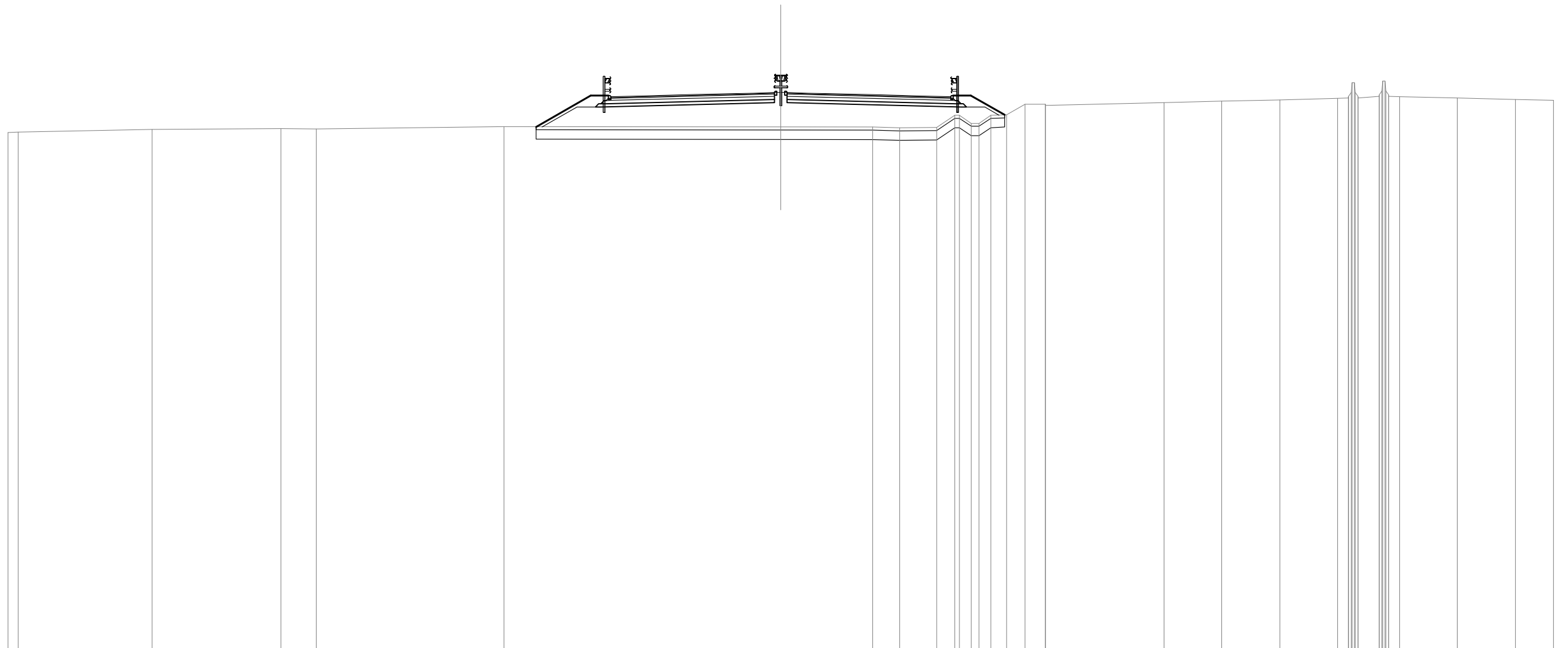


QUOTE TERRENO	13.37		13.61 13.46	13.56	13.48 13.47	13.44	13.65	13.74	13.74	13.74	13.23	13.23	13.74	13.78	14.49	14.39	14.47	14.56	14.66	14.75	14.77	14.87	15.12	15.77	15.77	15.12	14.87	14.77	14.95	15.05	15.30	15.95	15.30	15.05	14.94	14.95	14.92	14.83	14.74	14.68
DIST.PARZIALI TERRENO	35.65	1.36	6.53	4.58	1.88	6.59	5.63	3.69	0.76	0.51	0.76	1.00	1.25	1.30	3.00	3.75	3.75	3.75	0.70	1.36	0.70	3.75	3.75	2.44																
QUOTE PROGETTO		14.41	14.46	14.55	14.64	14.68	14.64	14.55	14.46	14.41																														
DIST.PARZIALI PROGETTO		1.75	3.75	3.75	1.35	0.80	1.35	3.75	3.75	1.75																														

SEZIONE N. : 846
 QT. PROGETTO : 15.638
 DIST.PROG. : 206660.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 20.000

SCALA 1:300

QT.RIF. -20.382

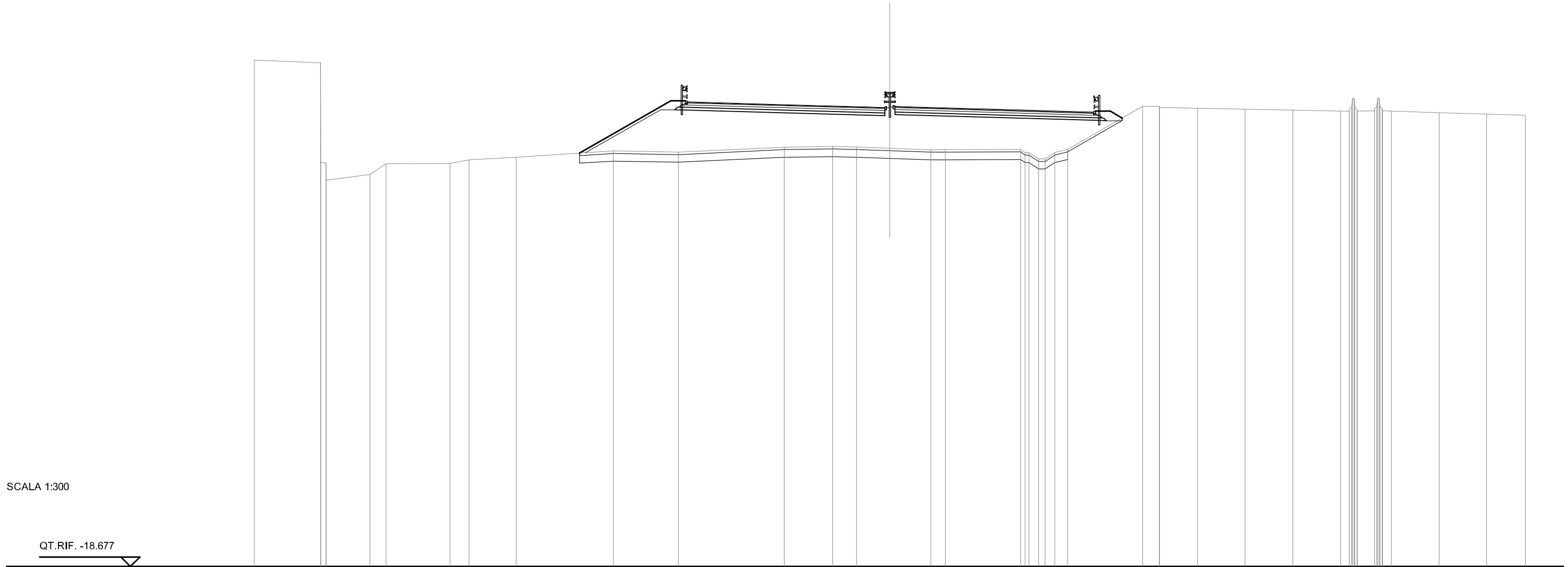


QUOTE TERRENO	13.10 13.12		13.30		13.35 13.32		13.45		13.43 13.39	13.41 14.19 14.19 13.68 13.68 14.19 14.24 14.93 14.83		15.02	15.11	15.21	15.30 15.32 15.42 15.67 16.32 16.32 15.67 15.42 15.32 15.43 15.53 15.78 16.43 16.43 15.78 15.53 15.43 15.41 15.32 15.22 15.16									
DIST.PARZIALI TERRENO	0.66	8.65	8.34	2.29	12.14		17.92		5.93	1.76	2.40	1.17	0.76 0.51 0.76 1.00 1.21 1.30	7.67	3.75	3.75	3.75	0.70	1.36	0.70	3.75	3.75	2.47	
QUOTE PROGETTO									15.41	15.45	15.54	15.64	15.67	15.64	15.54	15.45	15.41							
DIST.PARZIALI PROGETTO									1.75	3.75	3.75	1.35	0.80	1.35	3.75	3.75	1.75							

SEZIONE N. : 854
 QT. PROGETTO : 17.458
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 DIST.PREC. : 30.910
 DIST.SUCC. : 14.846

SCALA 1:300

QT.RIF. -18.677

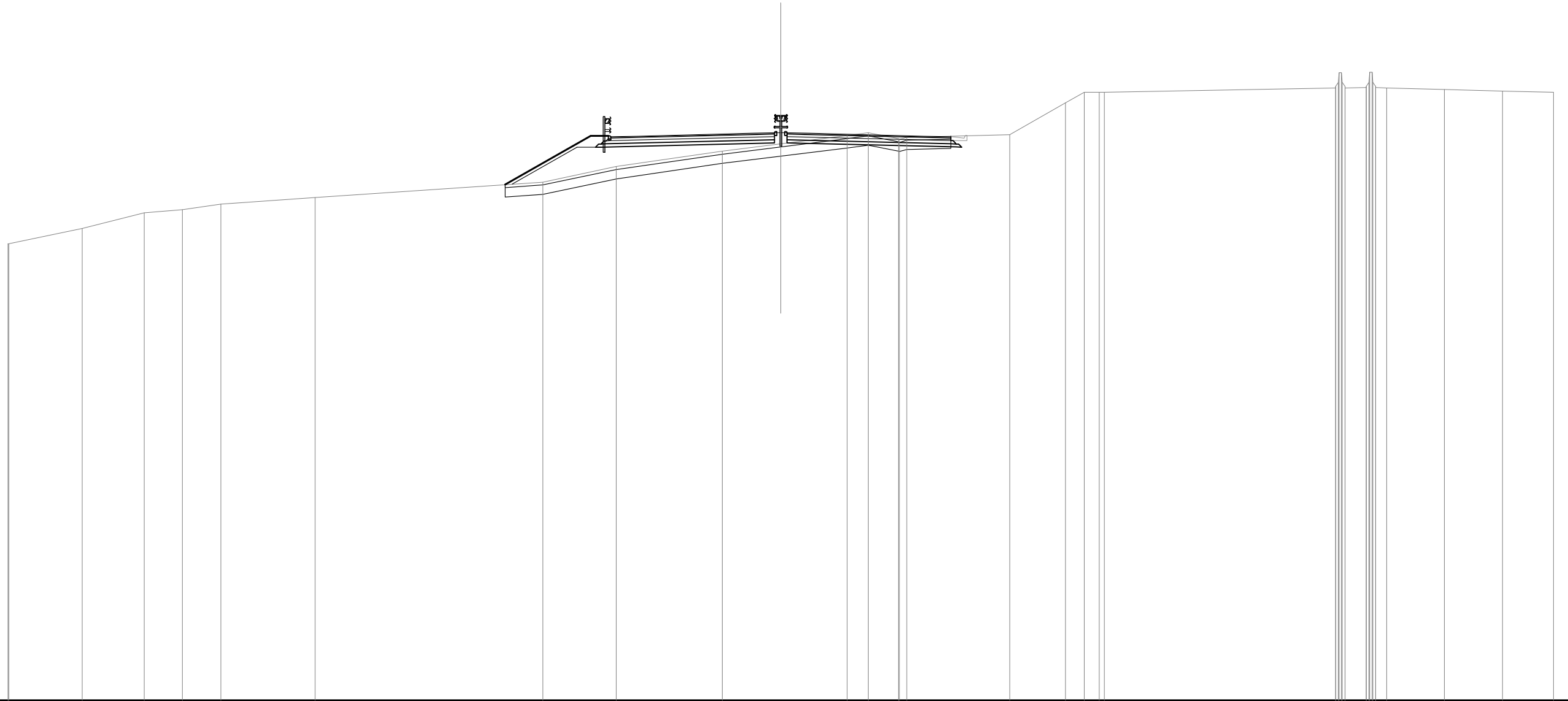


QUOTE TERRENO	21.15	20.91 13.12 13.03 11.70	12.14 12.98	13.00 13.30	13.50	14.00	13.91	14.29	14.35 14.30	14.20	14.09 14.10	5.93	14.12 13.88 13.88 13.37 13.37 13.88	14.13	17.50 17.50 17.40	17.35	17.27	17.20	17.13 17.12 17.22 17.47 18.12 18.12 17.47 17.22 17.15 17.15 17.25 17.50 18.15 18.15 17.50 17.25 17.14 17.15 17.12 17.01 16.89 16.80								
DIST.PARZIALI TERRENO	5.22	3.42	1.27	5.03	1.52	3.69	7.66	5.10	8.32	3.83	1.88	2.62	3.23	1.14	5.93	1.30	3.00	3.75	3.75	3.75	0.70	1.36	0.70	3.75	3.75	3.05	
QUOTE PROGETTO							17.86			17.67		17.56	17.46	17.42	17.50	17.46				17.35			17.24			17.05	
DIST.PARZIALI PROGETTO									6.68			3.75	3.75	1.35	0.80	1.35	3.75				3.75			6.78			

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 QT. PROGETTO : 30.154
 DIST.PROG. : 207560.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 20.000

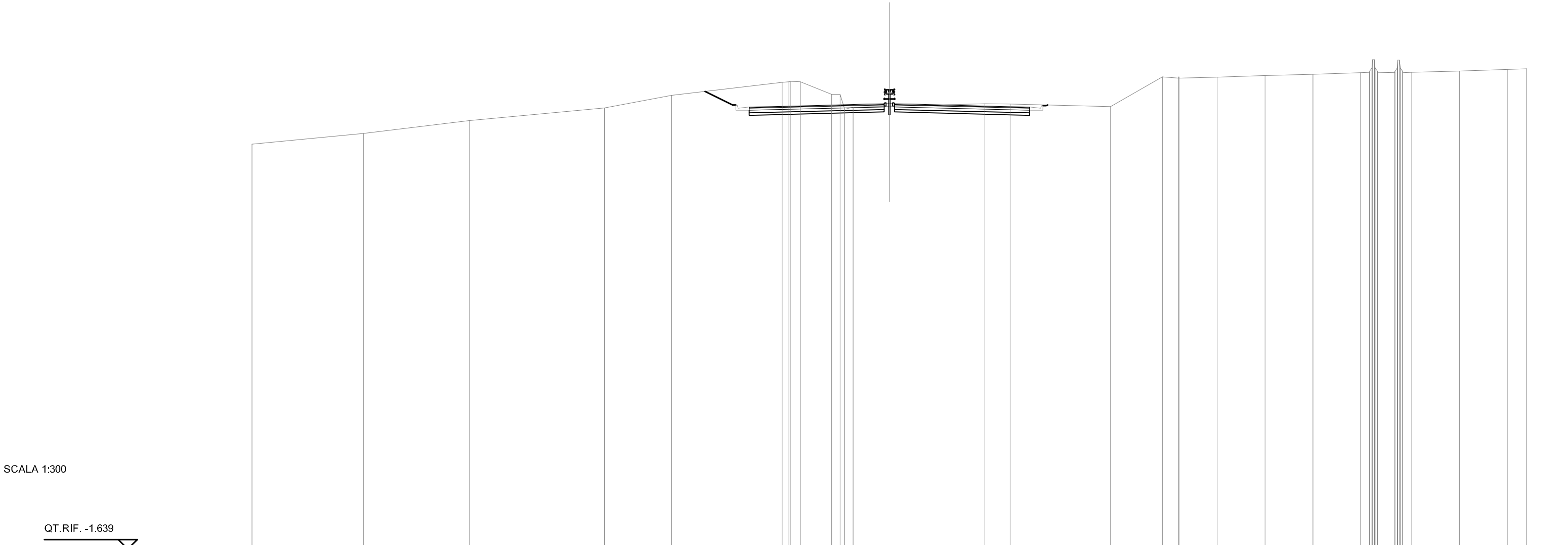
SCALA 1:300

QT.RIF. -6.555



QUOTE TERRENO	22.99 23.00	24.00	25.00	25.21	25.58	26.00	27.00	28.00	29.00	29.47	30.00	30.18	29.80 29.76 29.90	30.06	32.12	32.81	32.81	33.09 33.19 33.44 34.09 33.44 33.19 33.09 33.10 33.20 33.45 34.10 33.45 33.20 33.10 33.08 32.99 32.90 32.81						
DIST.PARZIALI TERRENO	4.75	4.02	2.45	2.49	6.12	14.74	4.73	6.86	3.80	4.29	1.37	1.96	0.48	6.66	3.60	1.21	0.98	14.95	1.36	0.70	3.75	3.75	3.32	
QUOTE PROGETTO								29.92	29.97	30.06	30.15	30.19	30.19	30.15	30.06	29.97	29.92							
DIST.PARZIALI PROGETTO								1.75	3.75	3.75	1.35	0.60	1.35	3.75	3.75	1.75								

SEZIONE N. : 901
 QT. PROGETTO : 33.296
 DIST.PROG. : 207760.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 20.000



SCALA 1:300

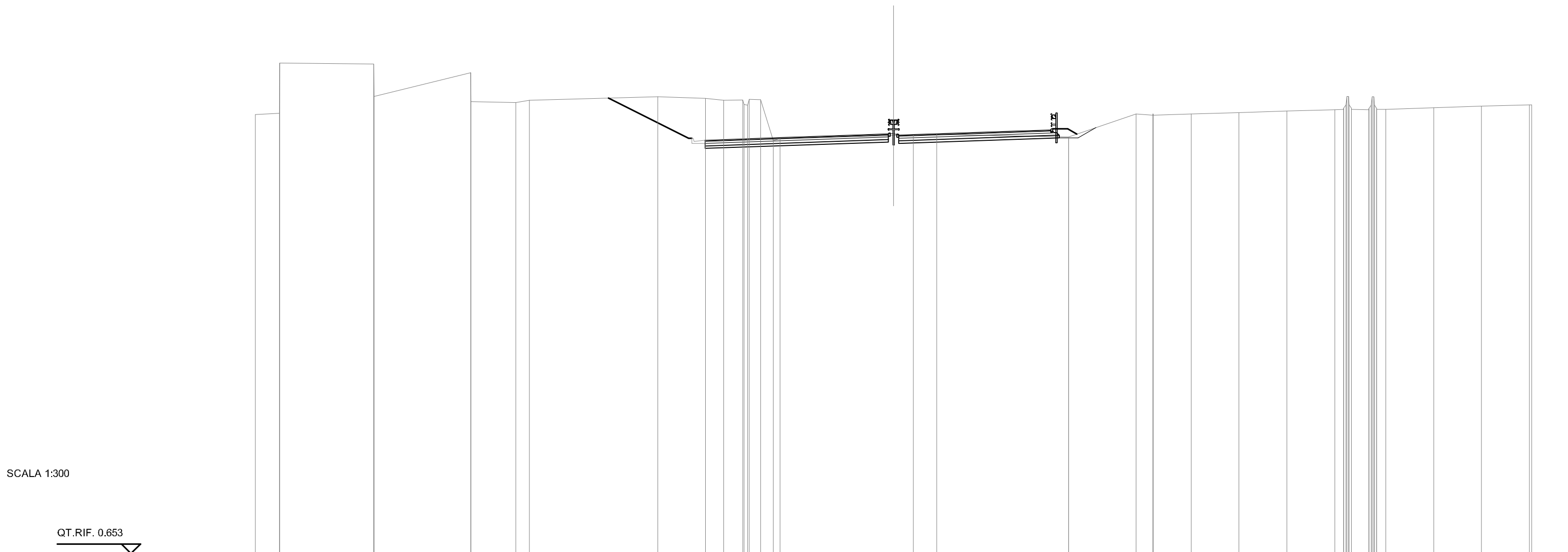
QT.RIF. -1.639

QUOTE TERRENO	30.14	31.00	32.00	33.00	34.00	35.00	34.07	33.13	33.33	33.30	33.11	35.43	35.42	35.53	35.65	35.76	36.13	35.76	36.06
DIST.PARZIALI TERRENO	8.75	8.32	10.56	5.29	8.67	0.52	2.47	2.85	7.50	1.97	7.89	4.06	3.75	3.75	3.75	0.70	1.36	0.70	1.53
QUOTE PROGETTO						33.07	33.11	33.20	33.30	33.33	33.33	33.30	33.20	33.11	33.07				
DIST.PARZIALI PROGETTO						1.75	3.75	3.75	1.35	0.60	1.35	3.75	3.75	1.75					

SEZIONE N. : 907
 QT. PROGETTO : 33.503
 DIST.PROG. : 207880.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 20.000

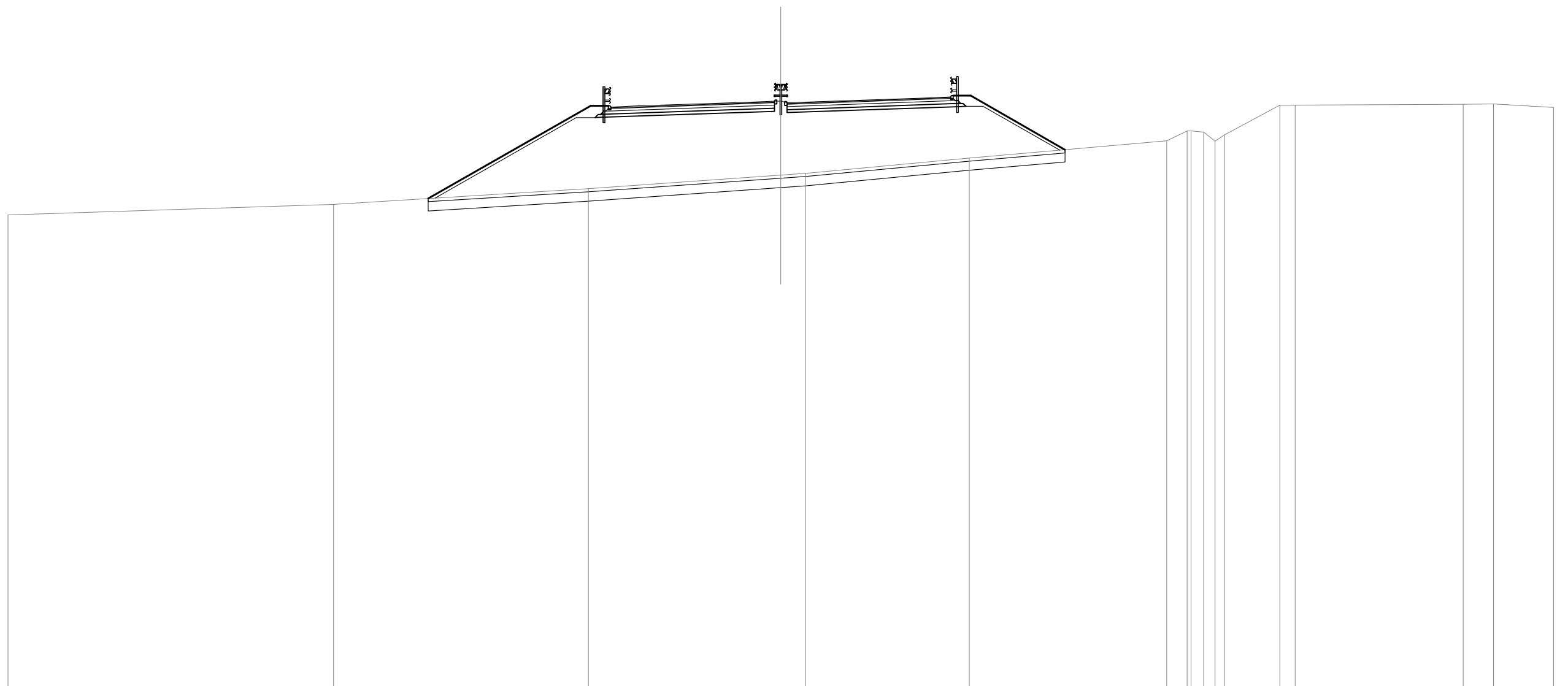
SCALA 1:300

QT.RIF. 0.653



QUOTE TERRENO	35.06	35.15 39.10	39.01 36.49	38.34 36.09	36.00 36.17	10.06	36.46	36.34	36.19	36.20 35.85 35.79 36.24 36.23 33.03 33.19	33.42	33.46	33.52	33.32 33.32	35.11 35.01 35.11 35.01	35.11	35.22	35.34	35.45 35.47 35.57 35.82 36.47 36.47 35.82 35.57 35.47 35.45 35.55 35.80 36.45 36.45 35.80 35.55 35.46 35.45 35.48 35.59 35.71 35.83								
DIST.PARZIALI TERRENO	1.87	7.36	7.59	3.49	1.08	10.06	3.73	1.42	1.49	0.89 0.97 0.55	8.89	1.54	1.84	10.32	5.29	1.30	3.00	3.75	3.75	3.75	0.70	1.36	0.70	3.75	3.75	3.75	
QUOTE PROGETTO								33.06		33.25	33.37			33.50	33.55	33.46	33.50		33.63		33.76	33.87					
DIST.PARZIALI PROGETTO									5.51	3.75	3.75			1.35	0.80	1.35	3.75		3.75		3.08						

SEZIONE N. : 922
 QT. PROGETTO : 28.625
 DIST.PROG. : 208140.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 20.000



SCALA 1:300

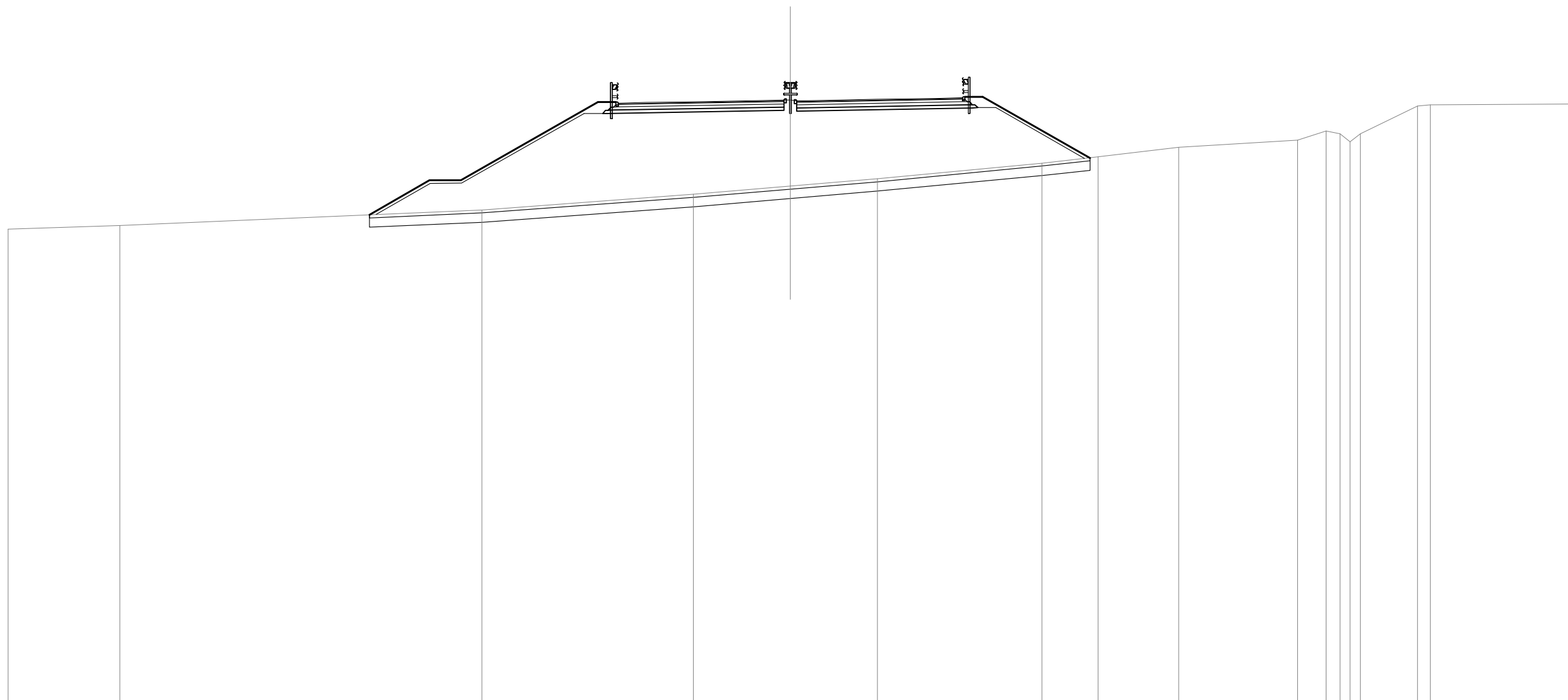
QT.RIF. -9.313

QUOTE TERRENO	21.30		22.00		23.00		23.89	24.00		25.00		26.10	26.76	26.76	26.68	26.09	26.50		28.41	28.42		28.47	28.50	28.27	
DIST.PARZIALI TERRENO		21.06		16.50		12.44	1.58	10.61		12.78		1.31	0.82	0.74	0.61	3.57	1.01	10.86		1.97	3.89				
QUOTE PROGETTO						28.30	28.36	28.49		28.62	28.67	28.58	28.62		28.76		28.89	28.95							
DIST.PARZIALI PROGETTO						1.76	3.75	3.75		1.35	0.60	1.35	3.75		3.75		1.74								

SEZIONE N. : 923
 QT. PROGETTO : 28.003
 DIST.PROG. : 208160.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 18.032

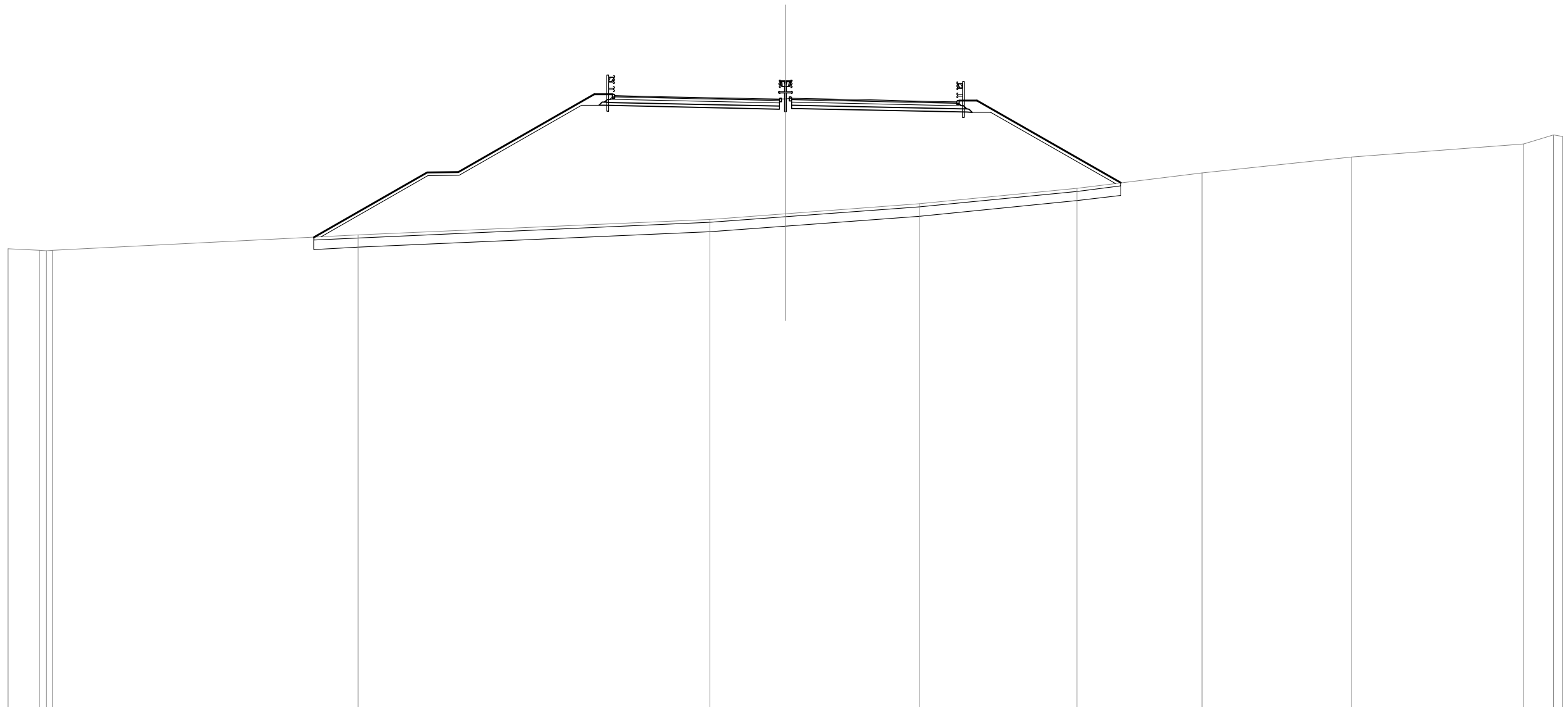
SCALA 1:300

QT.RIF. -10.470



QUOTE TERRENO	-19.77	-20.00		21.00	22.00	22.53	23.00		24.00	24.39	25.00		25.46	26.05	25.88	25.36	25.87	27.65	27.71		27.79	
DIST.PARZIALI TERRENO		7.13	23.14		13.52	6.21	5.57	10.51		3.57	5.15	7.61	1.82	0.91	0.61	0.68	3.64	0.83	9.10			
QUOTE PROGETTO						27.84	27.87	27.94	28.00	28.03	27.98	28.00	28.07	28.14	28.17							
DIST.PARZIALI PROGETTO						1.76	3.75	3.75	1.35	0.60	1.35	3.75	3.75	1.74								

SEZIONE N. : 925
 QT. PROGETTO : 26.760
 DIST.PROG. : 208200.000
 DIST.PREC. : 21.968
 DIST.SUCC. : 20.000



SCALA 1:300

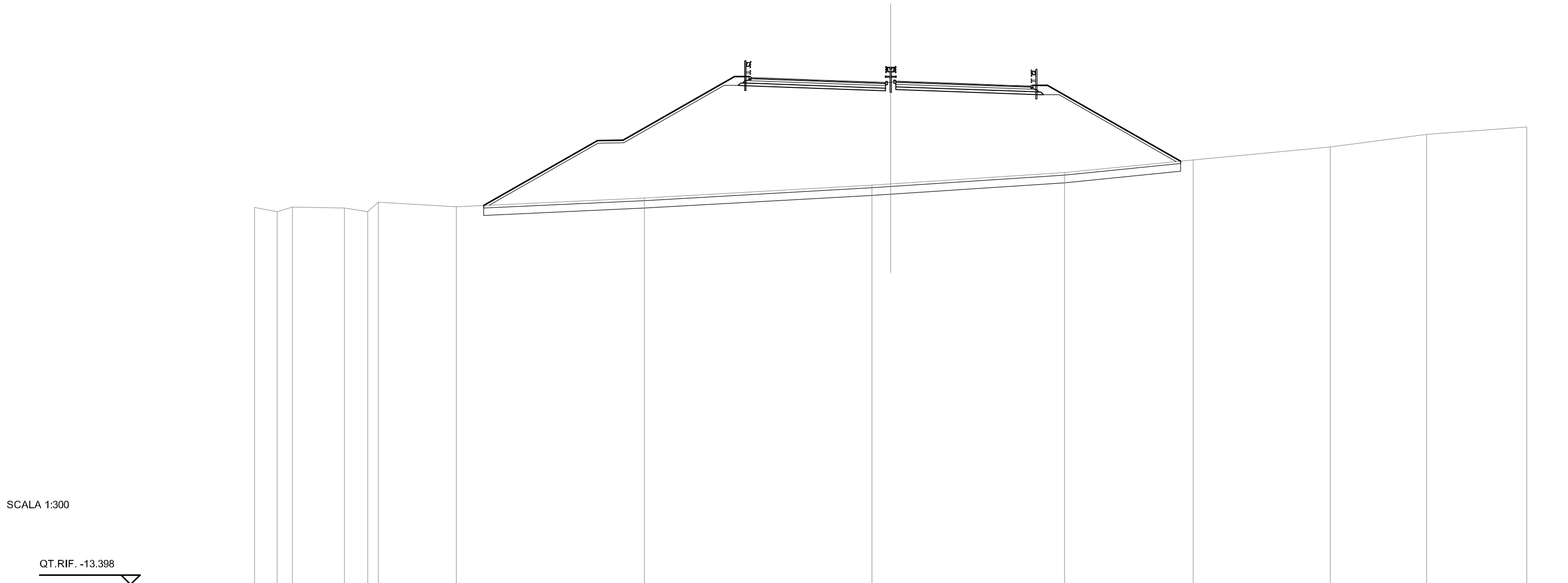
QT.RIF. -12.470

QUOTE TERRENO	17.12	17.00	16.98	17.00	18.00	19.00	19.36	20.00	21.00	22.00	23.00	23.86	24.44	24.32		
DIST.PARZIALI TERRENO	2.02			19.65		22.62	4.87	8.61	10.13	8.06	9.58	11.08	1.93	0.60		
QUOTE PROGETTO							26.96	26.92	26.84	26.76	26.73	26.79	26.76	26.68	26.59	26.56
DIST.PARZIALI PROGETTO							1.74	3.75	3.75	1.35	0.80	1.35	3.75	3.75	1.76	

SEZIONE N. : 926
 QT. PROGETTO : 26.138
 DIST.PROG. : 208220.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 20.000

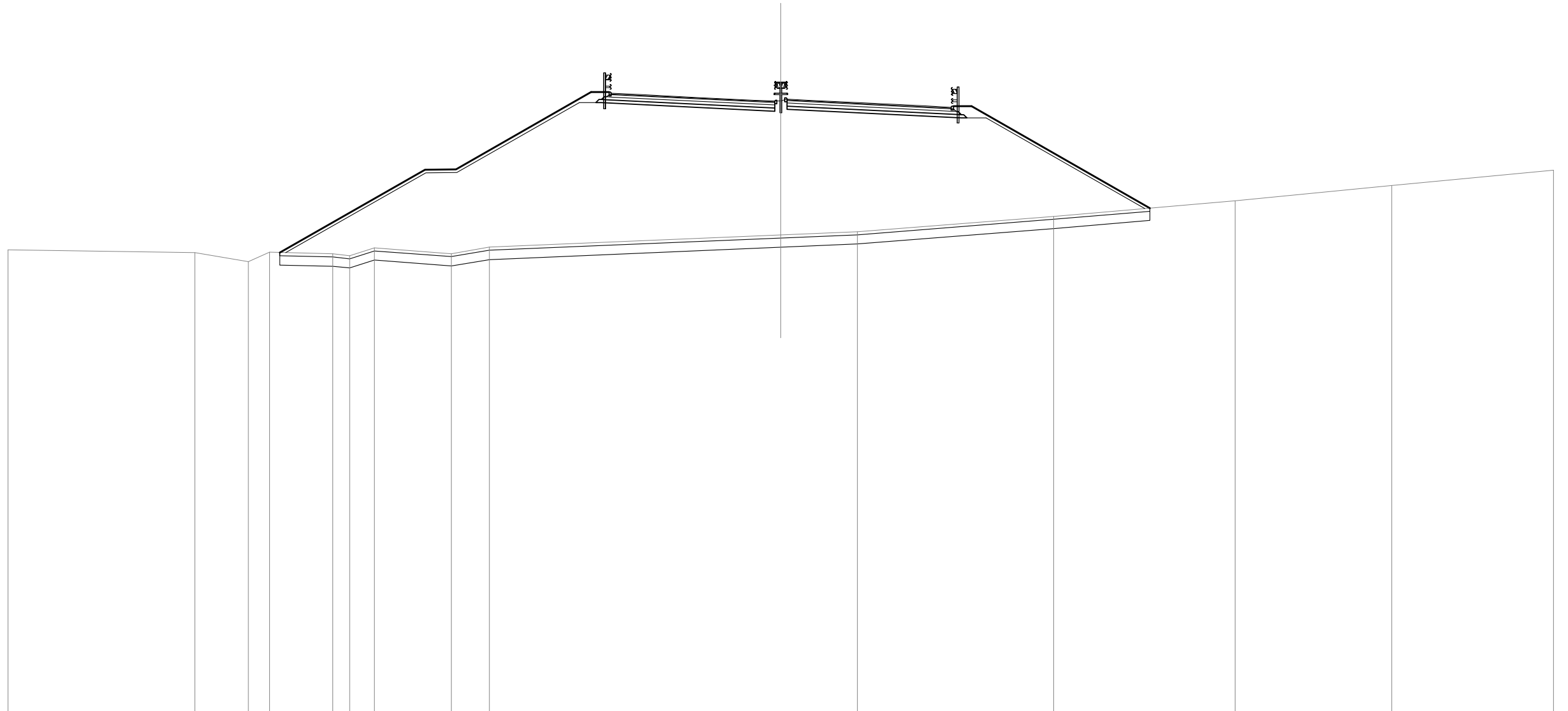
SCALA 1:300

QT.RIF. -13.398



QUOTE TERRENO	16.27	15.92	16.29	16.20	15.94	16.67	16.31	17.00	18.00	18.10	19.00	20.00	21.00	22.00	22.58		
DIST.PARZIALI TERRENO	1.79	1.19	4.09	1.83	0.82	6.13	14.80	17.87	1.49	13.66	10.13	10.77	7.56	7.89			
QUOTE PROGETTO								26.47	26.41	26.27	26.14	26.09	26.19	26.14	26.00	25.87	25.80
DIST.PARZIALI PROGETTO								1.74	3.75	3.75	1.35	0.80	1.35	3.75	3.75	1.76	

SEZIONE N. : 927
 QT. PROGETTO : 25.516
 DIST.PROG. : 208240.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 31.421



SCALA 1:300

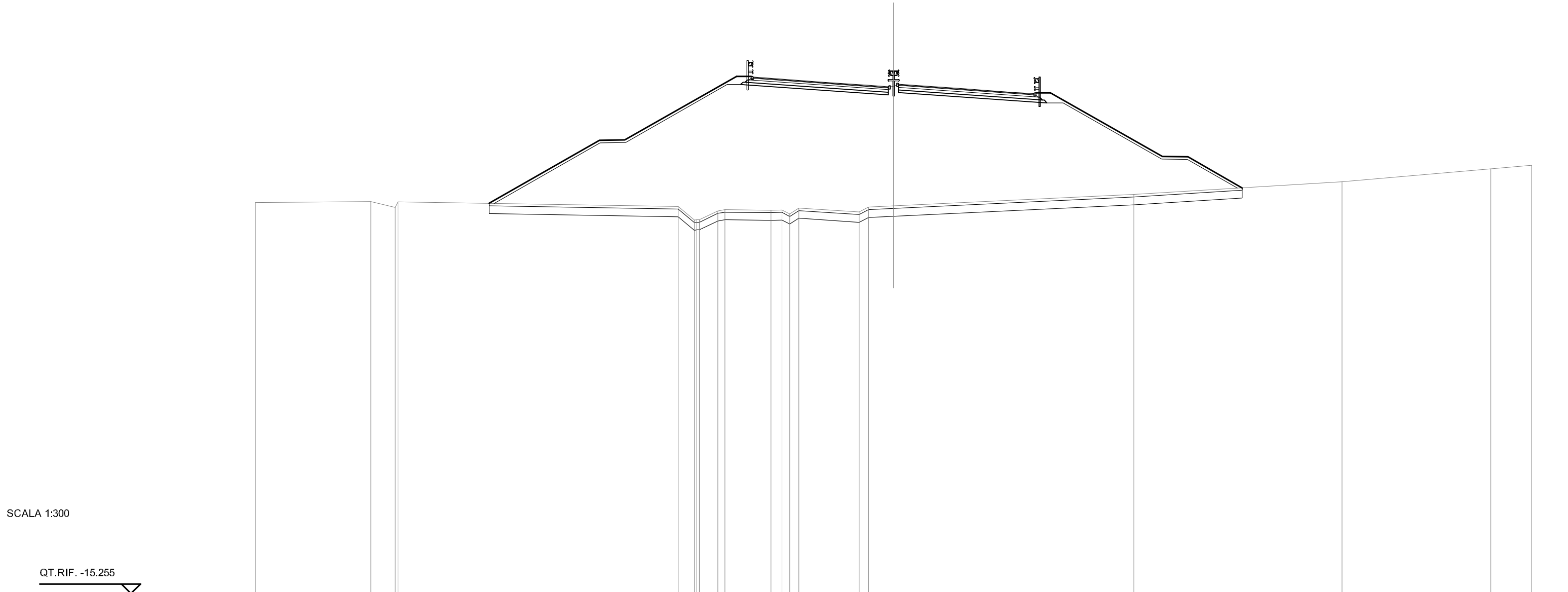
QT.RIF. -14.130

QUOTE TERRENO	15.83		15.65	15.06	15.67	15.57	15.45	15.96	15.59	16.00		16.79	17.00		18.00		19.00		20.00		20.98	
DIST.PARZIALI TERRENO		12.09	3.45	1.39	4.08	1.08	1.61	4.97	2.47		18.86	4.94	12.71	11.74	10.15	10.46						
QUOTE PROGETTO												25.97	25.89	25.70	25.52	25.45	25.58	25.52	25.33	25.15	25.06	
DIST.PARZIALI PROGETTO												1.72	3.75	3.75	1.35	0.80	1.35	3.75	3.75	1.78		

SEZIONE N. : 928
 QT. PROGETTO : 24.540
 DIST.PROG. : 208271.421
 DIST.PREC. : 31.421
 DIST.SUCC. : 8.579

SCALA 1:300

QT.RIF. -15.255

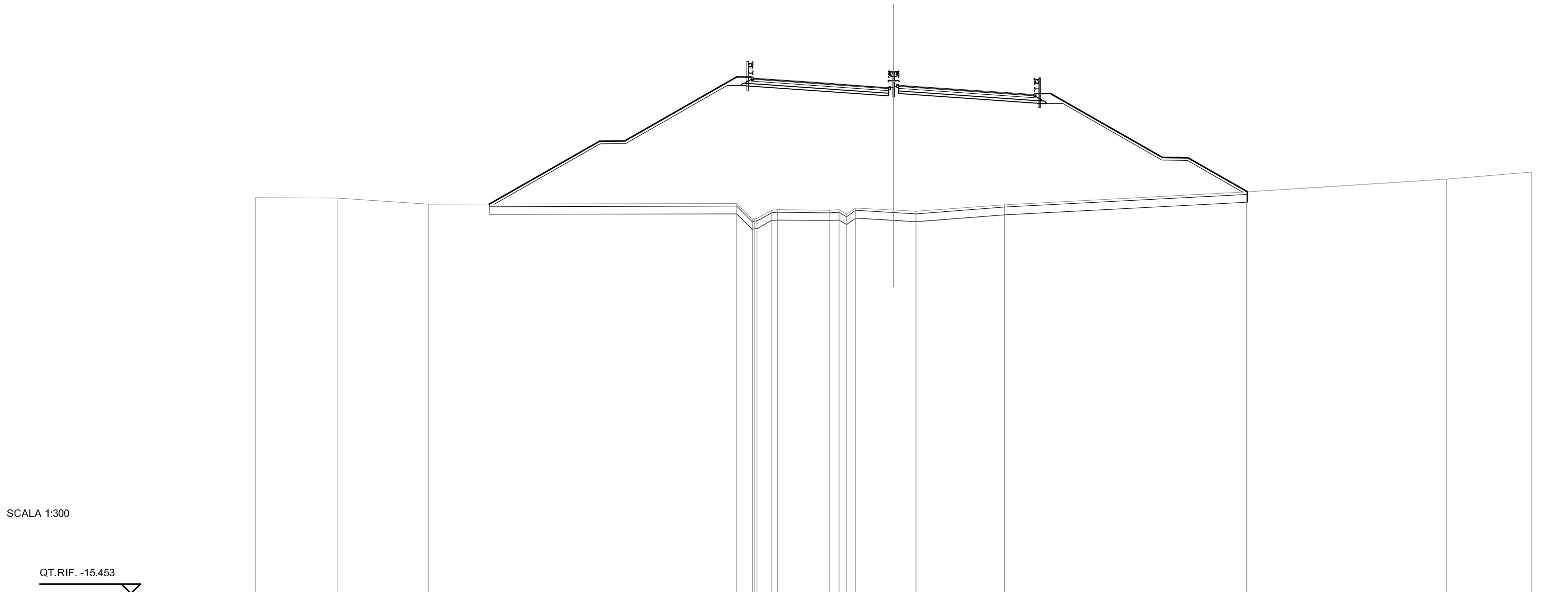


QUOTE TERRENO	-15.38	15.44	14.99 15.42		15.06	13.98	14.03	14.03	14.72	14.82	14.77	14.79	14.48	14.94	14.63	15.00	15.09	16.00	17.00	18.00	18.30
DIST.PARZIALI TERRENO		9.05	1.90	21.96	1.26	1.45	0.58	3.60	0.87	0.61	0.71	4.73	0.73	1.97	18.81	16.32	11.67	3.20			
QUOTE PROGETTO									25.19	25.06	24.80		24.54	24.45	24.63	24.54	24.28	24.01	23.89		
DIST.PARZIALI PROGETTO									1.75	3.75	3.75		1.35	0.80	1.35	3.75	3.75	1.75			

SEZIONE N. : 929
 QT. PROGETTO : 24.273
 DIST.PROG. : 208280.000
 DIST.PREC. : 8.579
 DIST.SUCC. : 20.000

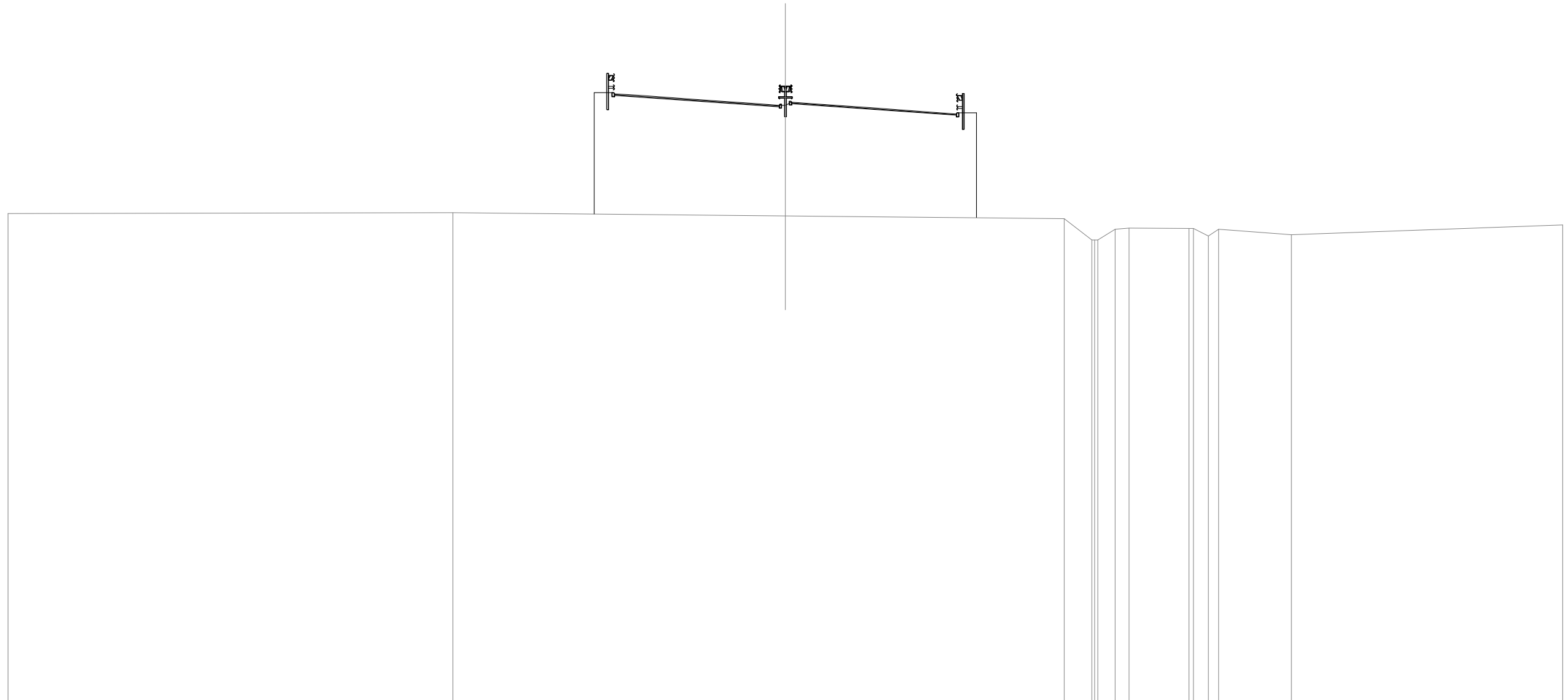
SCALA 1:300

QT.RIF. -15.453



QUOTE TERRENO	-15.55	-15.51	-15.03	15.09	13.86	13.92	13.92	14.56	14.61	14.56	14.60	14.25	14.75	14.58	14.48	15.00	16.00	17.00	17.55
DIST.PARZIALI TERRENO	6.39	7.15	24.16	1.25	1.13	4.07	0.75	0.60	0.70	2.99	1.75	6.95	18.97	15.68	6.65				
QUOTE PROGETTO				24.92	24.80	24.54	24.27	24.18	24.37	24.27	24.01	23.75	23.63						
DIST.PARZIALI PROGETTO				1.75	3.75	3.75	1.35	0.80	1.35	3.75	3.75	1.75							

SEZIONE N. : 933
 QT. PROGETTO : 21.797
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 DIST.PREC. : 20.000
 DIST.SUCC. : 29.156

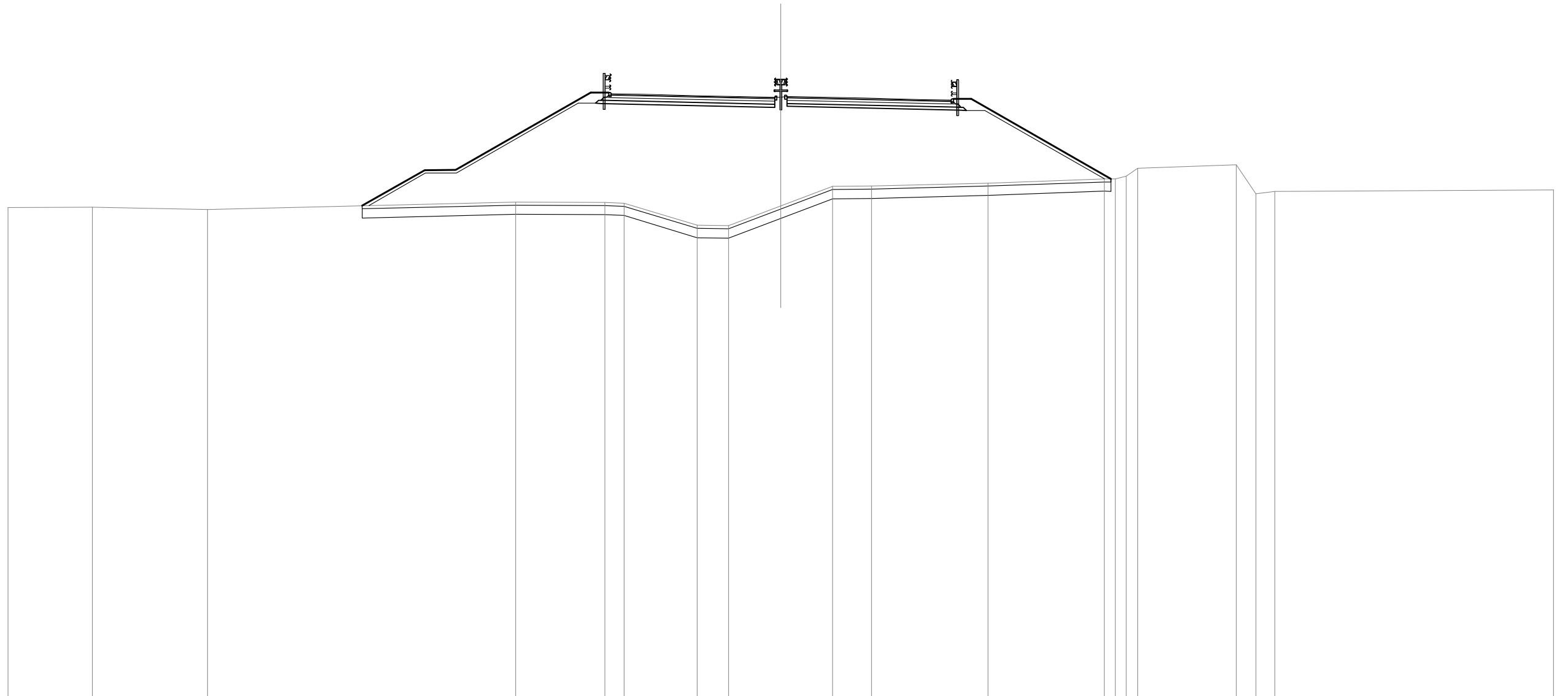


SCALA 1:300

QT.RIF. -16.699

QUOTE TERRENO	14.74	14.80	14.59	14.42	13.04	13.04	13.04	13.73	13.79	13.76	13.77	13.28	13.72	13.36	14.00
DIST.PARZIALI TERRENO	28.61	21.39	17.92	1.78	1.12	0.91	3.84	0.95	0.66	4.67	17.47				
QUOTE PROGETTO		22.44	22.32	22.06	21.80	21.70	21.89	21.80	21.53	21.27	21.15				
DIST.PARZIALI PROGETTO		1.75	3.75	3.75	1.35	0.80	1.35	3.75	3.75	1.75					

SEZIONE N. : 938
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 DIST.PREC. : 20.000
 DIST.SUCC. : 22.545



SCALA 1:300

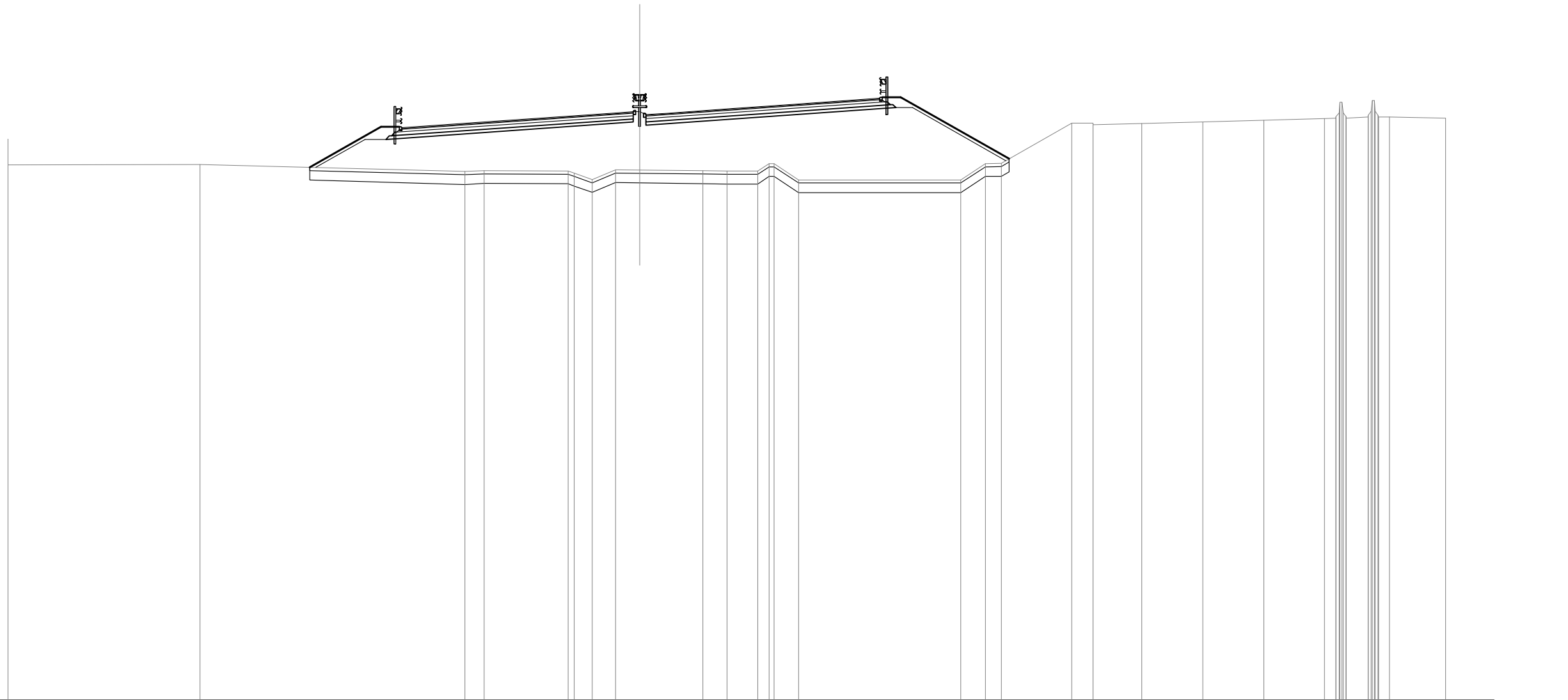
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QUOTE TERRENO	11.98	12.00	11.86	12.34	12.31	12.26	10.82	10.81	12.08	13.34	13.37	13.56	13.84	13.82	14.00	14.51	14.75	12.86	13.02	13.12	
DIST.PARZIALI TERRENO	5.47	7.45	19.95	5.75	1.27	4.72	2.04	3.37	3.34	2.52	7.56	7.51	0.71	0.72	0.73	6.39	1.27	1.22	18.04		
QUOTE PROGETTO					19.35	19.31	19.22		19.14	19.11	19.17	19.14	19.06		18.97	18.93					
DIST.PARZIALI PROGETTO					1.74	3.75	3.75		1.35	0.60	1.35	3.75	3.75		1.76						

SEZIONE N. : 947
 QT. PROGETTO : 16.182
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 DIST.PREC. : 7.623
 DIST.SUCC. : 14.034

SCALA 1:300

QT.RIF. -20.270

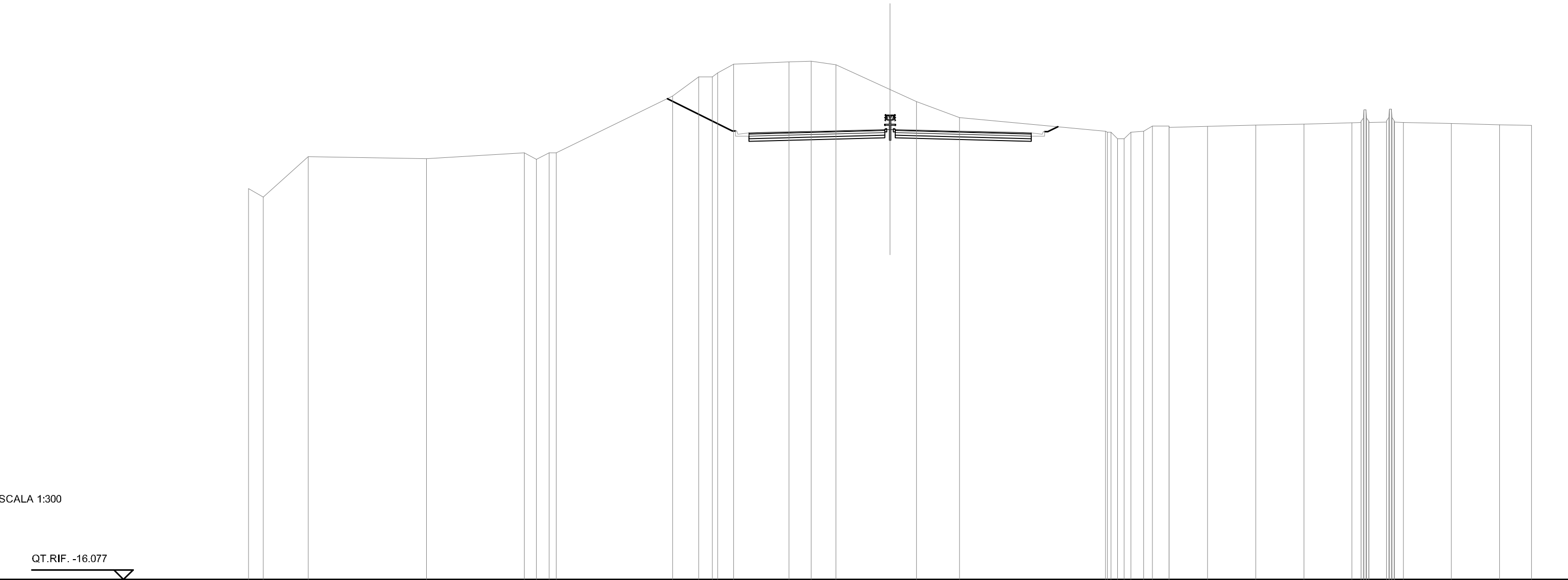


QUOTE TERRENO	14.56 12.96	13.00	12.55 12.62	12.59 12.45 12.06	12.67 12.65	12.60 12.59	12.58 13.05 13.05	12.04	12.04 13.05 13.07	15.55 15.55 15.45	15.53	15.64	15.74	15.84 15.85 15.95 16.20 16.85 16.86 16.21 15.96 15.86 15.95 16.05 16.30 16.95 16.95 16.90 16.05 15.95 15.93 15.85
DIST.PARZIALI TERRENO	11.92	16.44	1.18 5.21	1.11 1.46 1.49	3.91	1.52 1.90	0.71 1.52	10.07	1.52 0.98 4.38	1.31 3.03	3.78	3.78	3.78	0.71 1.37 0.71 3.47
QUOTE PROGETTO		15.27	15.66	15.92	16.18 16.28 16.09 16.18	16.44	16.71	17.10						
DIST.PARZIALI PROGETTO		5.50	3.75	3.75	1.35 0.80 1.35	3.75	3.75	5.65						

SEZIONE N. : 976
 QT. PROGETTO : 18.968
 DIST.PROG. : 209180.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 20.000

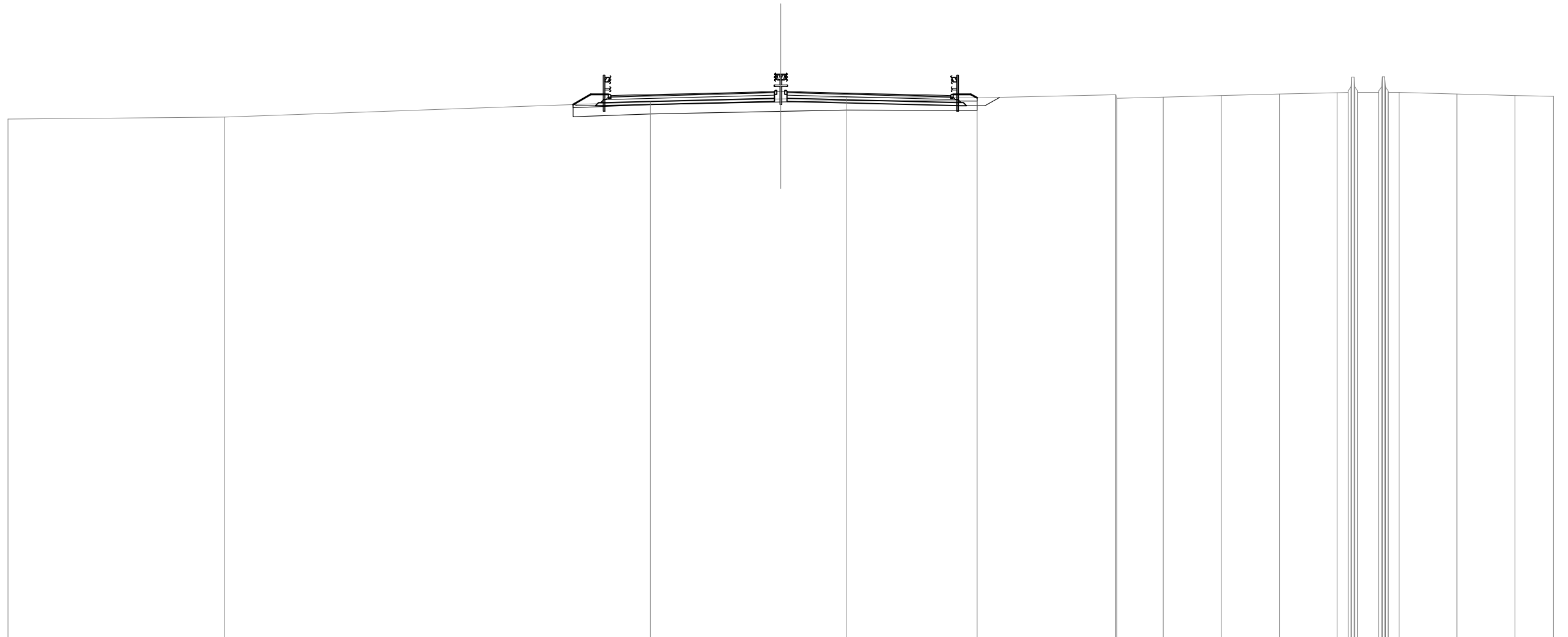
SCALA 1:300

QT.RIF. -16.077



QUOTE TERRENO	14.38 13.73	16.89	16.73	17.18 16.67 17.19 17.20	9.08	21.61 23.10 23.10 23.41 24.09	4.32	18.74 18.78	1.71 1.94	24.29 24.31 24.04	4.22	22.11 21.18	3.37	19.94	11.38	18.87 18.78 18.78 18.27 18.27 18.78 18.87 19.27 19.17	19.24	19.34	19.43	19.52 19.54 19.64 19.89 20.54 20.54 19.89 19.64 19.54 19.58 19.68 19.93 20.58 20.58 19.93 19.68 19.58 19.56 19.47 19.31			
DIST.PARZIALI TERRENO	1.14 3.50	9.23	7.60	0.94 1.00 0.54	9.08	2.02 1.07 1.25	4.32	1.75 3.75	3.75	4.22	2.04	3.37		19.94	11.38	0.51 0.51 1.00 0.69 1.30 3.00	3.75	3.75	3.75	0.70 1.36 0.70	3.75	3.75	2.50
QUOTE PROGETTO																							
DIST.PARZIALI PROGETTO																							

SEZIONE N. : 991
 QT. PROGETTO : 22.629
 DIST.PROG. : 209480.000
 DIST.PREC. : 20.000
 DIST.SUCC. : 20.000



SCALA 1:300

QT.RIF. -12.748

QUOTE TERRENO	20.87	21.00	22.00	22.17	22.26	22.23	22.44 22.23	22.30	22.39	22.49	22.58 22.60 22.70 22.95 23.60 23.60 22.95 22.70 22.60 22.70 22.95 23.60 23.60 22.70 22.60 22.59 22.49 22.40 22.34			
DIST.PARZIALI TERRENO	14.00	27.55	8.45	4.26	8.44	8.96	3.00	3.75	3.75	3.75	0.70 1.36 0.70	3.75	3.75	2.50
QUOTE PROGETTO			22.40 22.44	22.53	22.63 22.66 22.66 22.63	22.53	22.44 22.40							
DIST.PARZIALI PROGETTO			1.75	3.75	3.75	1.35 0.80 1.35	3.75	3.75	1.75					

