

VISTO per ATIVA S.p.A.



Amministratore Delegato
Dott. Ing. LUIGI CRESTA



TORINO - IVREA - QUINCINETTO
IVREA - SANTHIA'
SISTEMA AUTOSTRADALE
TANGENZIALE DI TORINO

**AUTOSTRADA A4/A5 - A5 TORINO QUINCINETTO
IVREA SANTHIA'**

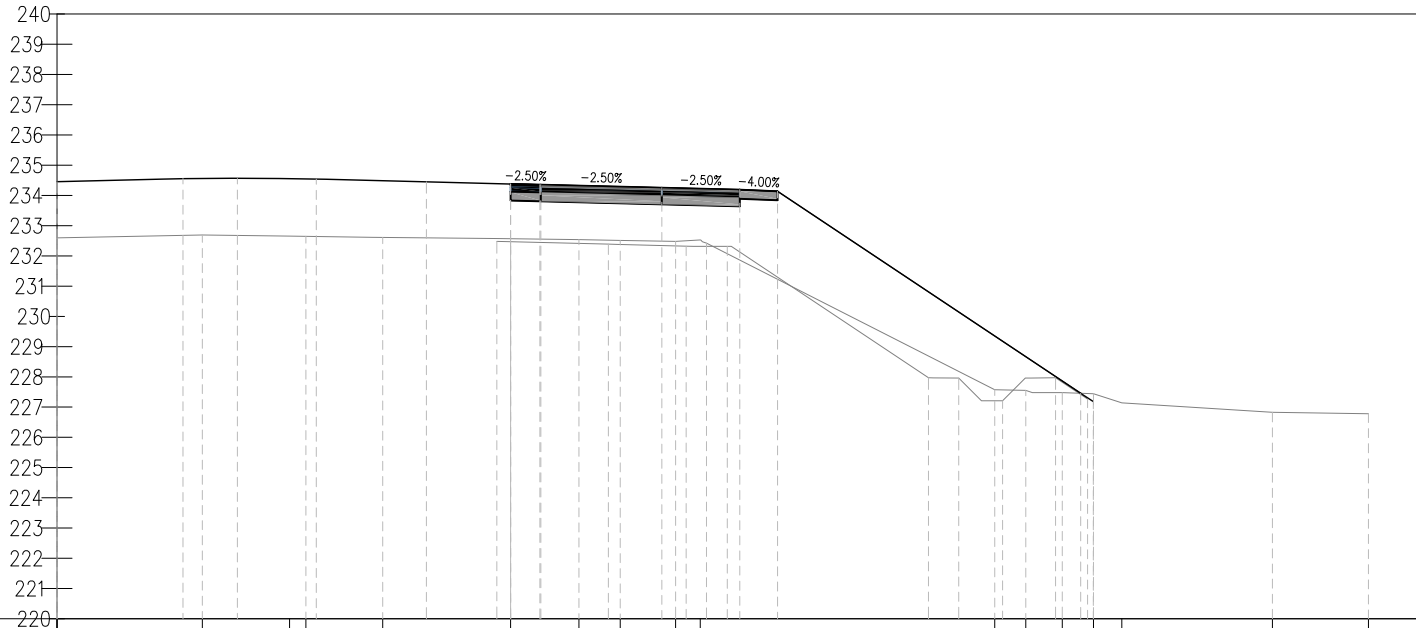
**NODO IDRAULICO DI IVREA
2° FASE DI COMPLETAMENTO**

PROGETTO DEFINITIVO

*LOTTO 1 - INTERCONNESSIONE DI PAVONE
SEZIONI TRASVERSALI RAMPA A*

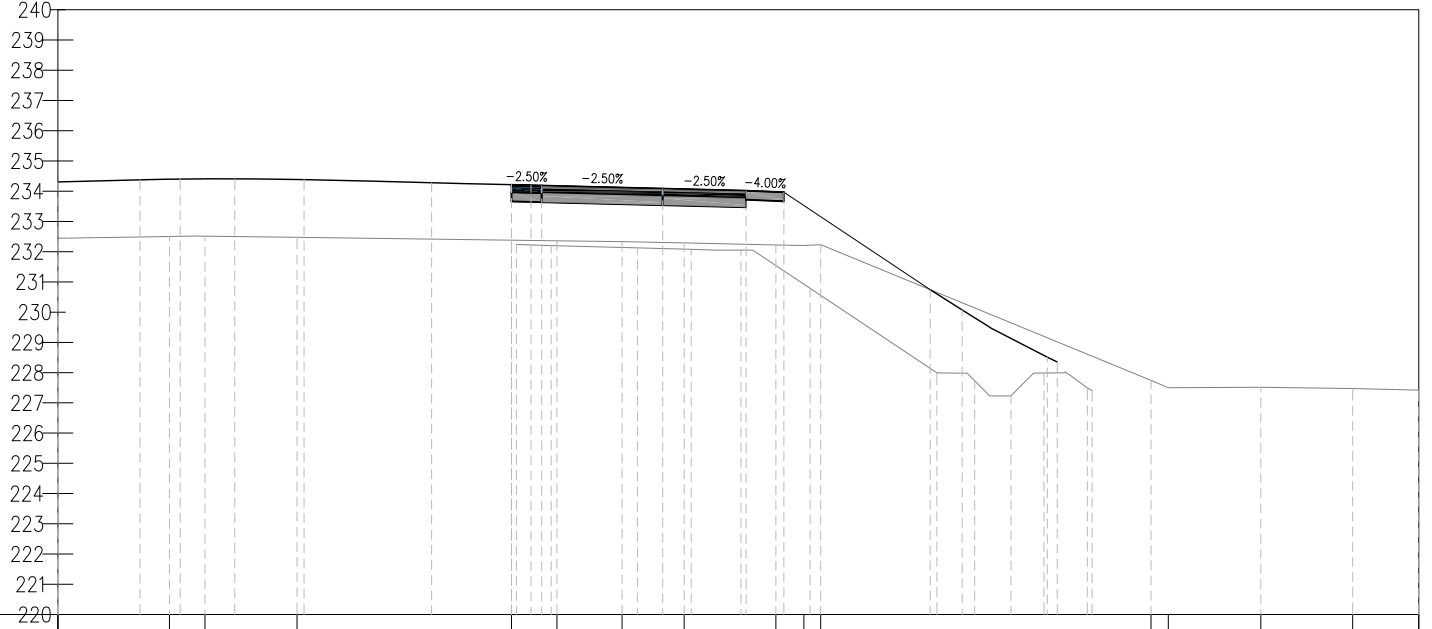
IL PROGETTISTA	REDATTO	CONTROLLATO	APPROVATO													
 <i>Il Direttore Tecnico</i> Dott. Ing. ROBERTO PETRALI ordine degli Ingegneri di Milano n° 14638	ATIVA ENGINEERING D. Traversa	ATIVA ENGINEERING F. Racca	ATIVA ENGINEERING V. Palmisano													
	DATA GIUGNO 2012	REVISIONE	DATA													
	SCALA 1 : 250															
	<table border="1"> <thead> <tr> <th>UFFICIO</th> <th>COMMESSA</th> <th>N° PROGETTO</th> <th>FASE</th> <th>ARGOMENTO</th> <th>N° ELABORATO</th> <th>REV</th> </tr> </thead> <tbody> <tr> <td>SSP0101A05</td> <td>0000</td> <td>0000</td> <td>PD</td> <td>STD</td> <td>103</td> <td>--</td> </tr> </tbody> </table>	UFFICIO	COMMESSA	N° PROGETTO	FASE	ARGOMENTO	N° ELABORATO	REV	SSP0101A05	0000	0000	PD	STD	103	--	
UFFICIO	COMMESSA	N° PROGETTO	FASE	ARGOMENTO	N° ELABORATO	REV										
SSP0101A05	0000	0000	PD	STD	103	--										

Rampa A_Ciglio sx To- San
 Sez. A 2
 Progr : 0+500.00
 Scala : 1:250
 Q.Rif. : 220.00



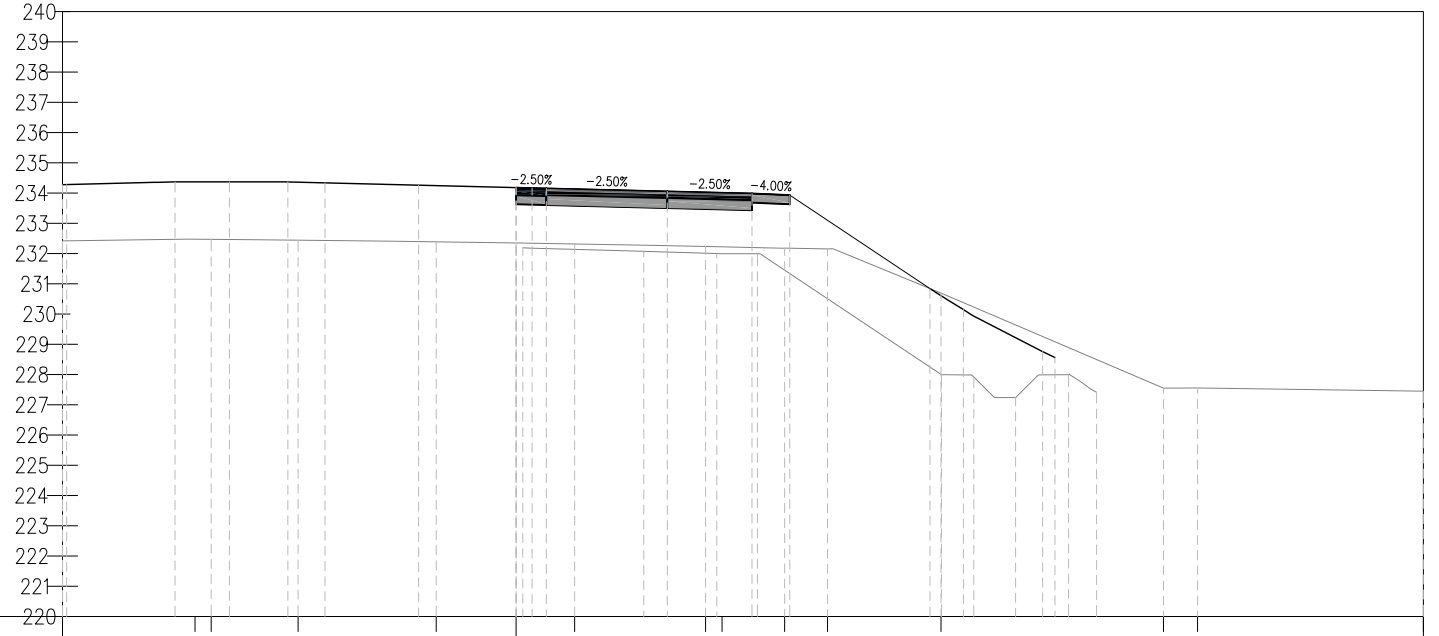
PROGRESSIVE TERRENO	15.00	10.19	7.31	6.77	4.23	2.26	2.26	3.62	5.46	6.27	16.01	17.03	18.24	19.27	20.21	25.19	28.36
QUOTE TERRENO	232.59	232.69	232.65	232.65	232.61	232.57	232.54	232.51	232.48	232.53	227.57	227.55	227.48	227.44	227.14	226.83	226.78
DISTANZE PARZIALI TERRENO	4.81	2.88	0.54	2.54	4.23	2.26	1.37	1.83	0.81	9.53	1.03	0.99	1.03	0.94	4.98	3.18	
PROGRESSIVE PROGETTO						1.00	1.00	5.00	7.58	8.83			18.95	18.95			
QUOTE PROGETTO						234.38	234.35	234.25	234.19	234.14			227.46	227.46			
DISTANZE PARZIALI PROGETTO						1.00	4.00	2.58	1.25	10.02							

Rampa A_Ciglio sx To- San
 Sez. A 3
 Progr : 0+521.15
 Scala : 1:250
 Q.Rif. : 220.00



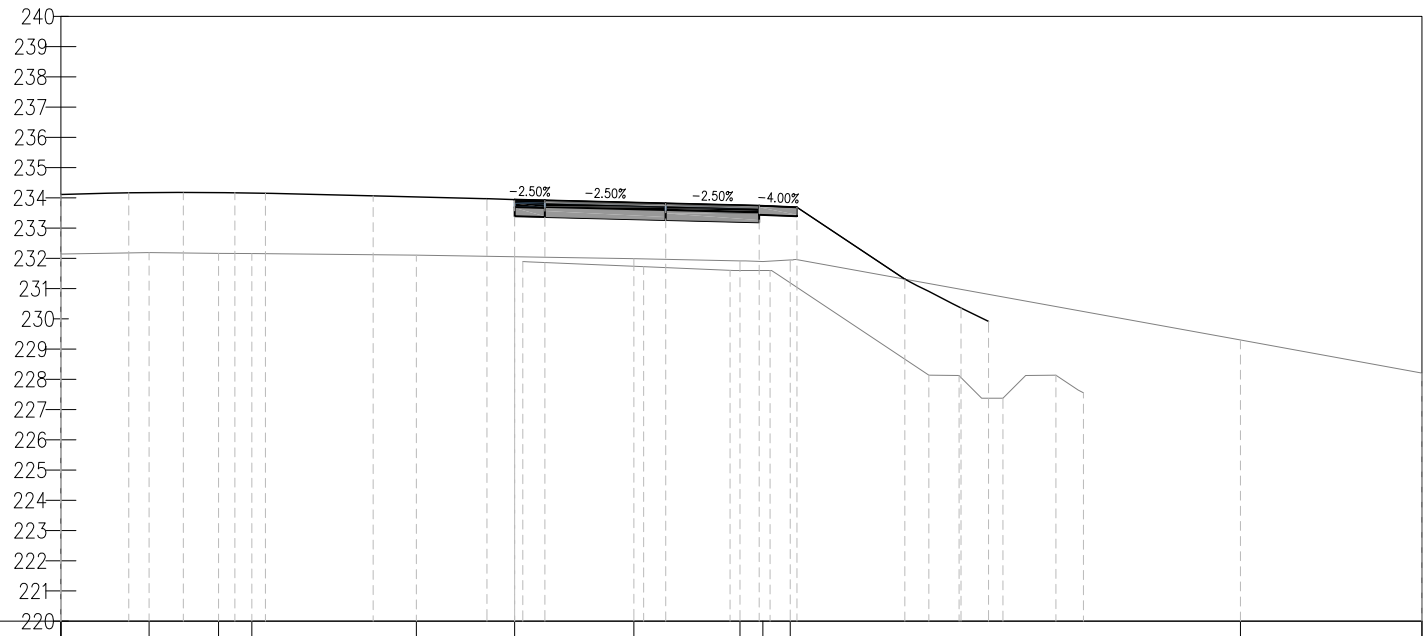
PROGRESSIVE TERRENO	15.00	16.00	17.00	18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00	26.00	27.00	28.00	29.00	30.00
QUOTE TERRENO	232.44	232.50	232.51	232.48	232.38	232.36	232.33	232.29	232.22	232.20	232.23	227.74	227.50	227.52	227.48	227.42
DISTANZE PARZIALI TERRENO	3.69	0.81	3.04	7.09	1.50	2.15	2.05	2.78	0.92	0.55	10.93	0.57	3.06	3.04	2.18	
PROGRESSIVE PROGETTO					1.00	5.00	7.76	9.01	13.84	14.90	15.65	18.06				
QUOTE PROGETTO					234.21	234.19	234.09	234.02	233.97	230.74	230.07	229.60	228.55			
DISTANZE PARZIALI PROGETTO					1.00	4.00	2.76	1.25	1.06	1.86						

Rampa A_Ciglio sx To- San
 Sez. A 4
 Progr : 0+525.00
 Scala : 1:250
 Q.Rif. : 220.00



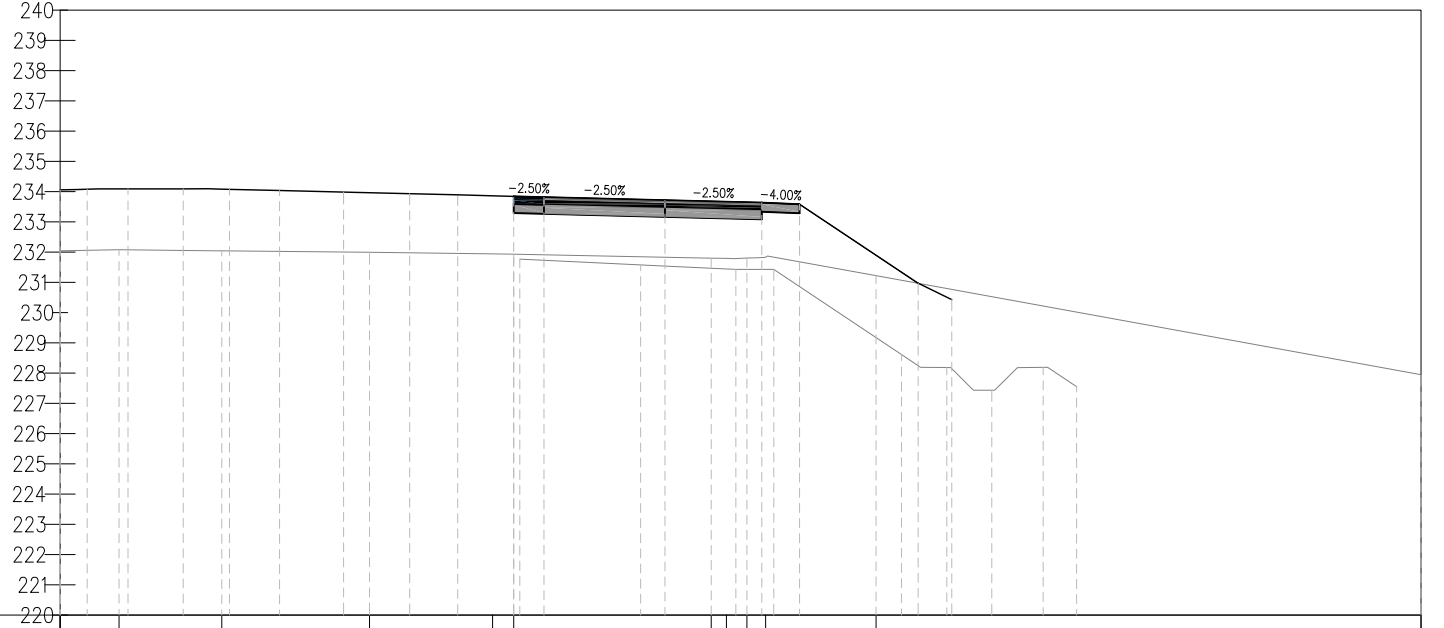
PROGRESSIVE TERRENO	15.00	10.62	7.21	2.64	1.93	6.26	8.88	10.29	14.05	21.40	22.53	30.00
QUOTE TERRENO	232.42	232.48	232.44	232.38	232.35	232.24	232.18	232.15	230.69	227.55	227.56	227.45
DISTANZE PARZIALI TERRENO	4.12	2.87	4.57	2.64	1.93	4.33	2.07	1.42	3.57	7.36	1.13	7.47
PROGRESSIVE PROGETTO					1.00	5.00	7.80	9.05	13.69	17.41		
QUOTE PROGETTO					234.18	234.05	233.98	233.93	230.84	228.76		
DISTANZE PARZIALI PROGETTO					1.00	4.00	2.80	1.25	0.53	2.31		

Rampa A_Ciglio sx To- San
 Sez. A 5
 Progr : 0+550.00
 Scala : 1:250
 Q.Rif. : 220.00



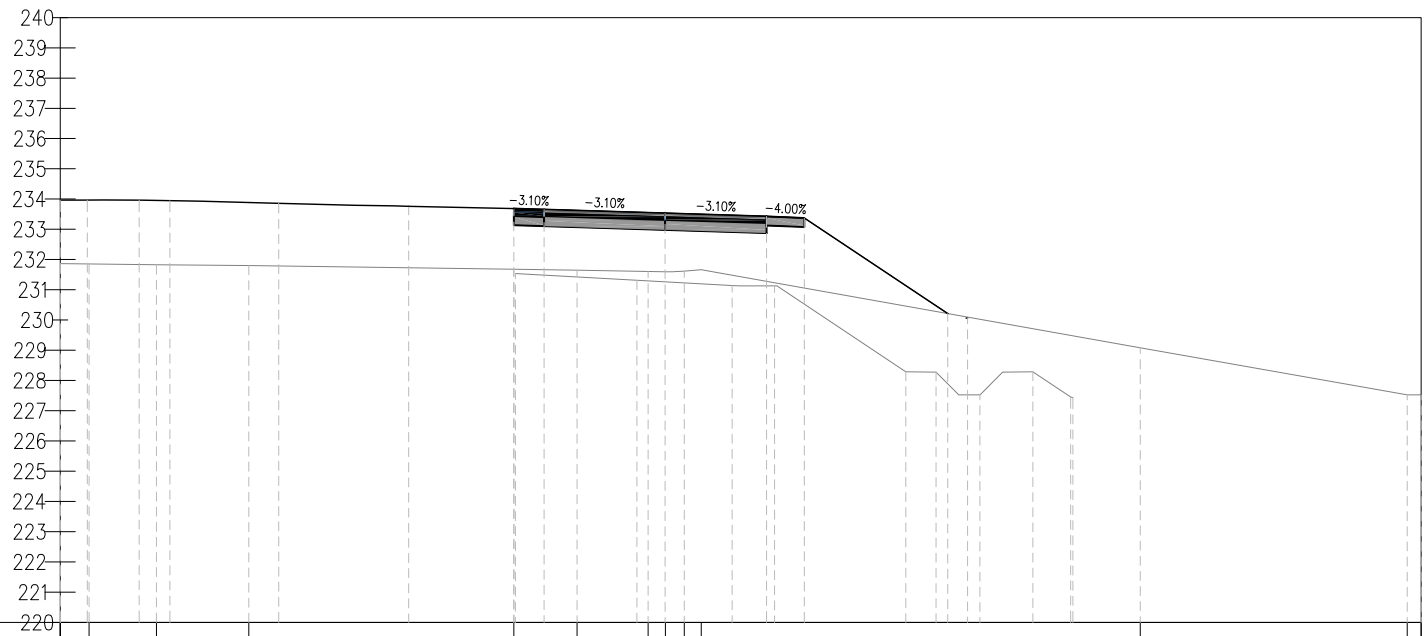
PROGRESSIVE TERRENO	15.00	12.08	9.79	8.69	3.25	3.95	7.45	8.21	9.12	24.00	30.00			
QUOTE TERRENO	232.14	232.19	232.17	232.16	232.11	232.05	231.99	231.92	231.89	231.94	229.30	228.21		
DISTANZE PARZIALI TERRENO	2.92	2.29	1.10	5.44	3.25	3.95	3.50	0.57	0.90	14.70	6.00			
PROGRESSIVE PROGETTO						1.00	5.00	8.09	9.34	12.91	13.64	14.76	15.67	
QUOTE PROGETTO						233.94	233.92	233.82	233.74	233.69	231.31	230.93	230.36	229.91
DISTANZE PARZIALI PROGETTO						1.00	4.00	3.09	1.25	3.57	0.93	0.83		

Rampa A_Ciglio sx To- San
 Sez. A 6
 Progr : 0+559.55
 Scala : 1:250
 Q.Rif. : 220.00



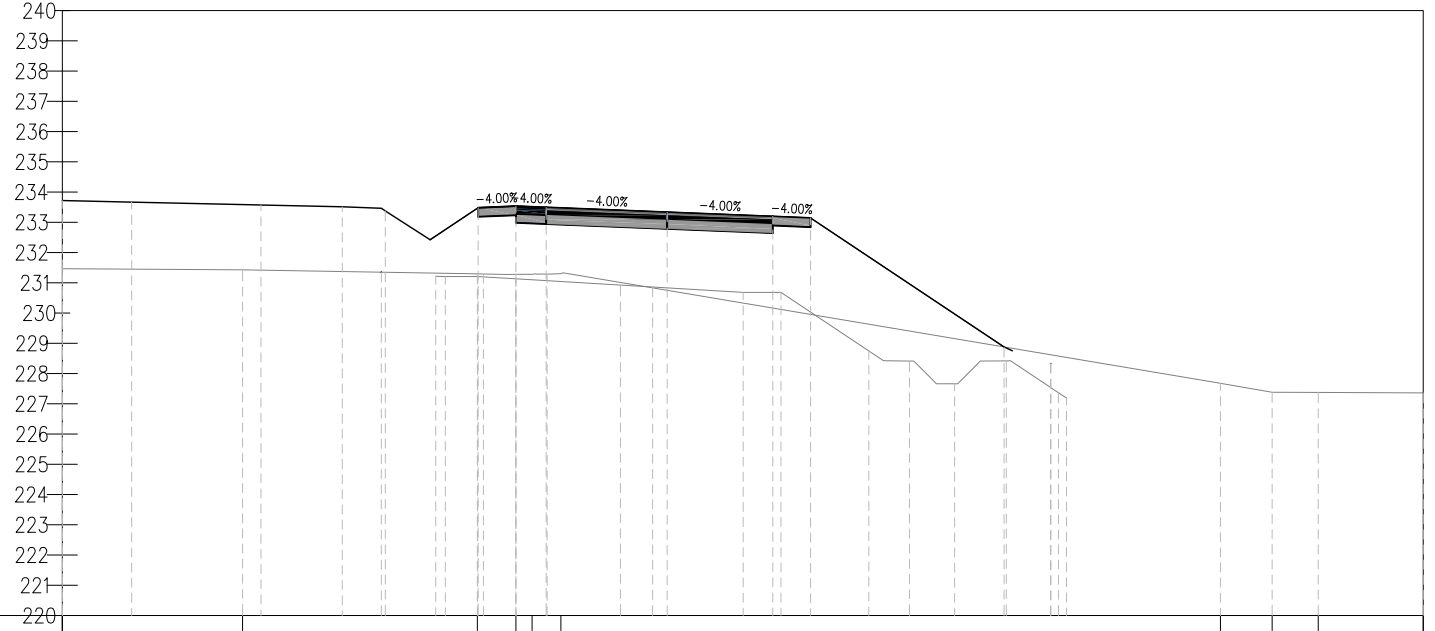
PROGRESSIVE TERRENO	15.00	13.05	9.65	4.77	0.70	0.00	6.53	7.03	7.71	8.33	11.98	30.00
QUOTE TERRENO	232.04	232.08	232.04	232.00	231.95	231.93	231.80	231.79	231.81	231.83	231.22	227.95
DISTANZE PARZIALI TERRENO	1.95	3.16	4.89	4.07	0.70	6.53	0.50	0.50	0.50	3.58	18.02	
PROGRESSIVE PROGETTO					1.00	5.00	8.20	9.45	13.37	14.48		
QUOTE PROGETTO					233.84	233.82	233.72	233.64	233.59	230.97	230.43	
DISTANZE PARZIALI PROGETTO					1.00	4.00	3.20	1.25	3.92	1.01		

Rampa A_Ciglio sx To- San
 Sez. A 7
 Progr : 0+575.00
 Scala : 1:250
 Q.Rif. : 220.00



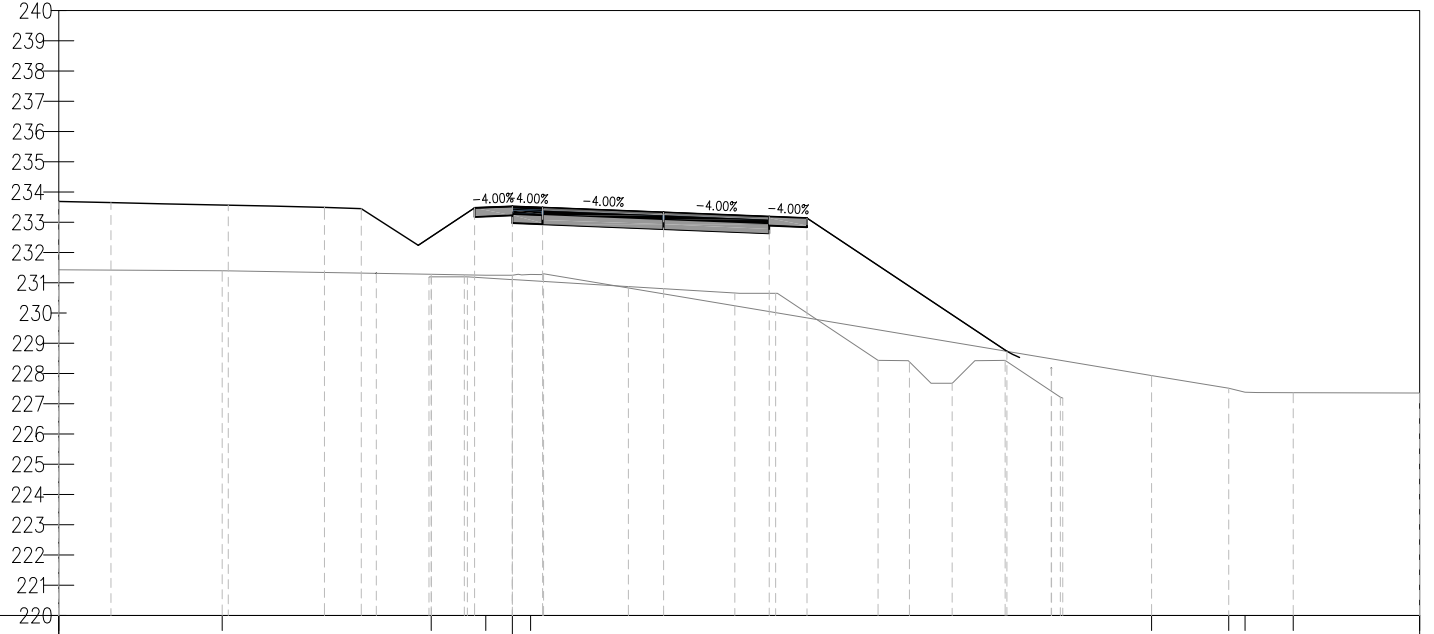
PROGRESSIVE TERRENO	15.00	14.05	11.82	8.76	2.09	2.35	4.44	5.01	5.64	6.20	20.71	29.54	30.00
QUOTE TERRENO	231.86	231.85	231.82	231.80	231.68	231.65	231.60	231.59	231.62	231.66	229.08	227.53	227.53
DISTANZE PARZIALI TERRENO	0.95	2.23	3.06	8.76	2.09	2.35	0.57	0.56	0.56	0.56	14.46	8.83	
PROGRESSIVE PROGETTO					1.00	5.00	8.35	9.60	14.35	15.96			
QUOTE PROGETTO					233.68	233.65	233.53	233.42	233.37	230.21	230.06	230.06	230.06
DISTANZE PARZIALI PROGETTO					1.00	4.00	3.35	1.25	4.74				

Rampa A_Ciglio sx To- San
 Sez. A 8
 Progr : 0+597.95
 Scala : 1:250
 Q.Rif. : 220.00



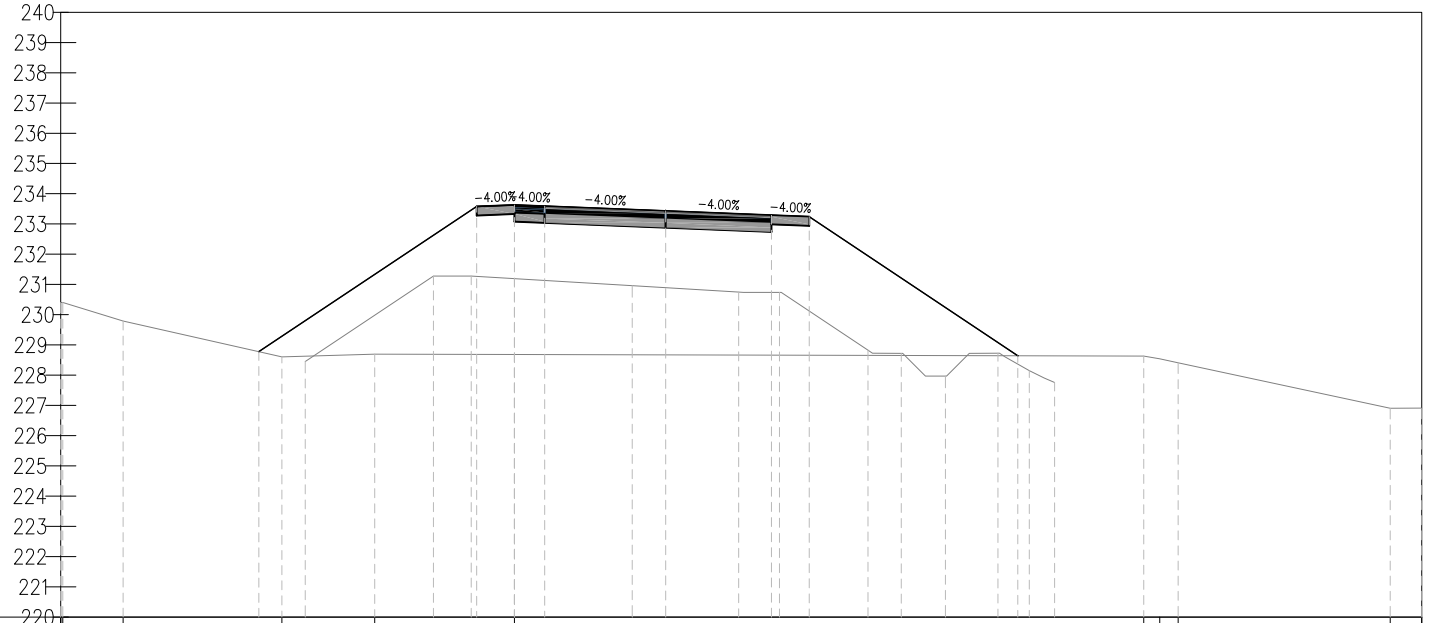
PROGRESSIVE TERRENO	15.00	9.04	1.28	0.53	1.48	21.72	1.71	1.52	3.47	30.00
QUOTE TERRENO	231.47	231.43	231.30	231.28	231.28	231.30	227.68	227.38	227.37	227.36
DISTANZE PARZIALI TERRENO	5.96	7.76	0.94							
PROGRESSIVE PROGETTO		-4.45	-1.25	1.00	5.00	8.49	9.74	16.14	17.69	
QUOTE PROGETTO		231.35	233.48	233.53	233.49	233.33	233.19	233.14	228.88	228.33
DISTANZE PARZIALI PROGETTO		3.20	1.25	1.00	4.00	3.49	1.25	6.40		

Rampa A_Ciglio sx To- San
 Sez. A 9
 Progr : 0+600.00
 Scala : 1:250
 Q.Rif. : 220.00



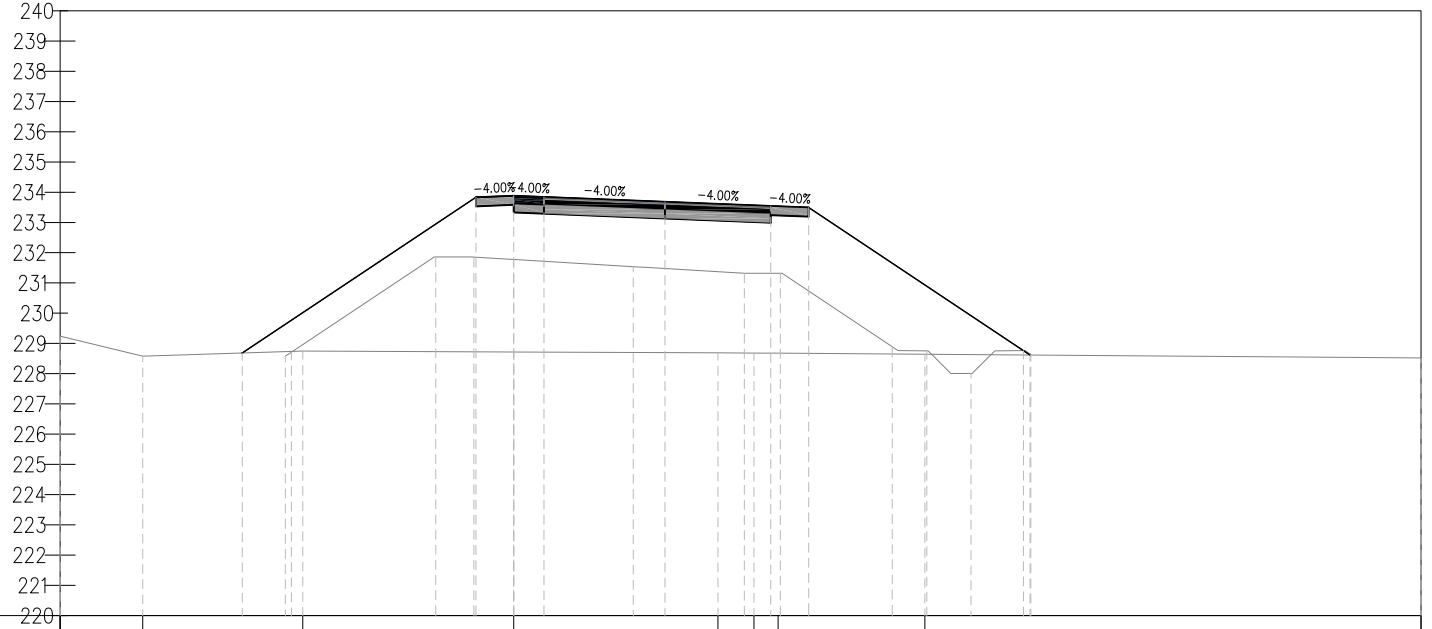
PROGRESSIVE TERRENO	15.00	9.59	2.68	0.88	0.60		21.13	23.68	24.22	25.82	30.00
QUOTE TERRENO	231.43	231.40	231.28	231.25	231.25	231.28	227.93	227.52	227.38	227.37	227.35
DISTANZE PARZIALI TERRENO	5.41	6.91	1.81	0.73			20.09	2.55	0.54	1.20	4.18
PROGRESSIVE PROGETTO			4.50	1.25	1.00	5.00	8.49	9.74	16.35	17.83	
QUOTE PROGETTO			231.31	233.48	233.53	233.49	233.33	233.19	233.14	228.73	228.18
DISTANZE PARZIALI PROGETTO			3.25	1.25	1.00	4.00	3.49	1.25	6.61		

Rampa A_Ciglio sx To- San
 Sez. A 11
 Progr : 0+650.00
 Scala : 1:250
 Q.Rif. : 220.00



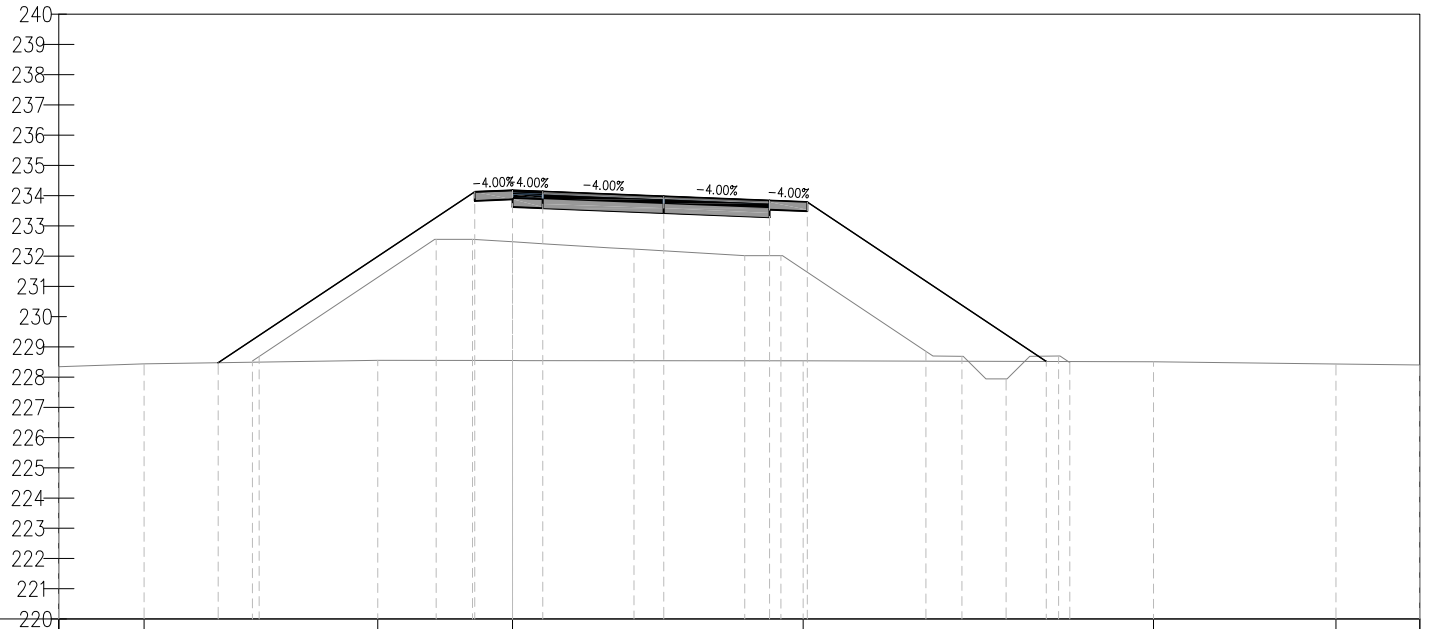
PROGRESSIVE TERRENO	14.99	12.94	7.69	4.62		20.81	21.95	28.96	30.00		
QUOTE TERRENO	230.40	229.79	228.61	228.69	228.68		228.63	228.41	226.91		
DISTANZE PARZIALI TERRENO	2.00	5.25	3.07	4.62		20.81	0.53	0.61	7.01		
PROGRESSIVE PROGETTO			-8.45		-1.25	0.00	1.00	5.00	8.50	9.75	16.64
QUOTE PROGETTO			228.78		233.58	233.63	233.59	233.43	233.29	233.24	228.64
DISTANZE PARZIALI PROGETTO			7.20		1.25	1.00	4.00	3.50	1.25	6.89	

Rampa A_Ciglio sx To- San
 Sez. A 12
 Progr : 0+675.00
 Scala : 1:250
 Q.Rif. : 220.00



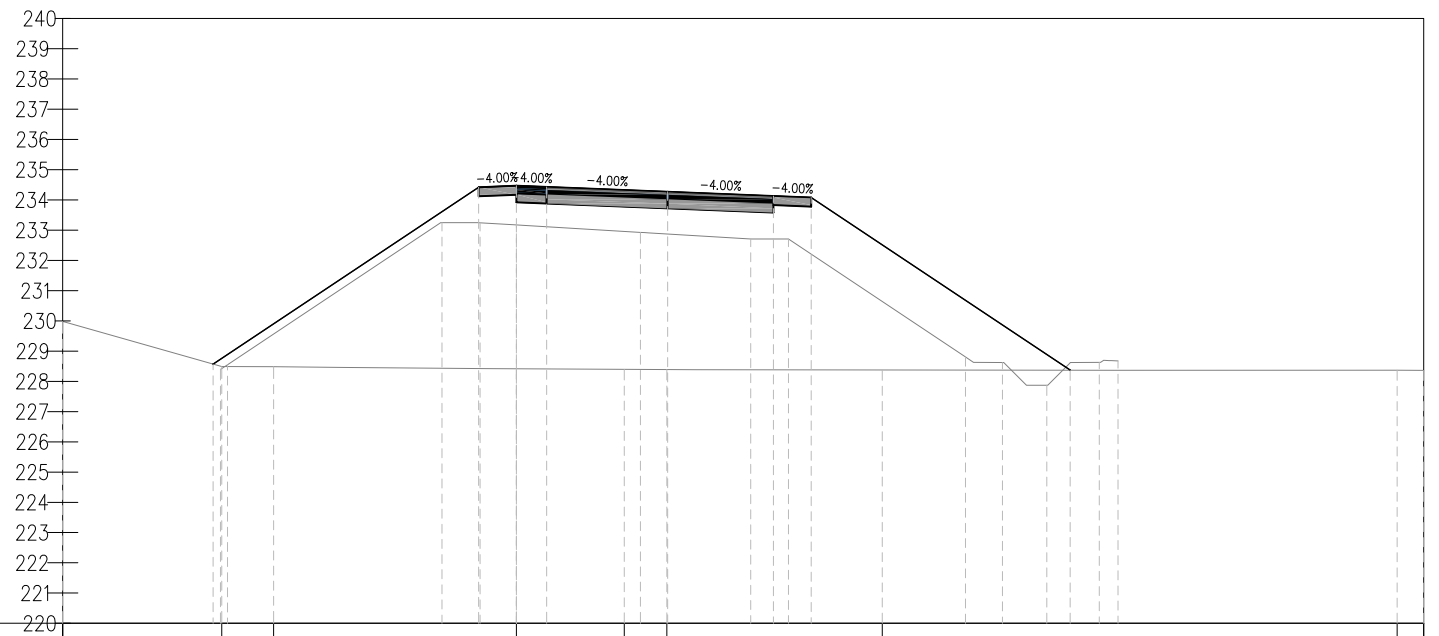
PROGRESSIVE TERRENO	15.00	12.27	6.97	0.00	6.75	7.94	8.74	13.59	30.00	
QUOTE TERRENO	229.24	228.58	228.75	228.72	228.69	228.68	228.68	228.64	228.52	
DISTANZE PARZIALI TERRENO		2.73	5.29	6.97	6.75	1.19	0.80	4.85	16.41	
PROGRESSIVE PROGETTO			-8.97	-1.25	0.00	1.00	5.00	8.50	9.75	17.07
QUOTE PROGETTO			228.68	233.83	233.88	233.84	233.68	233.54	233.49	228.61
DISTANZE PARZIALI PROGETTO			7.72	1.25	1.00	4.00	3.50	1.25	7.32	

Rampa A_Ciglio sx To- San
 Sez. A 13
 Progr : 0+700.00
 Scala : 1:250
 Q.Rif. : 220.00



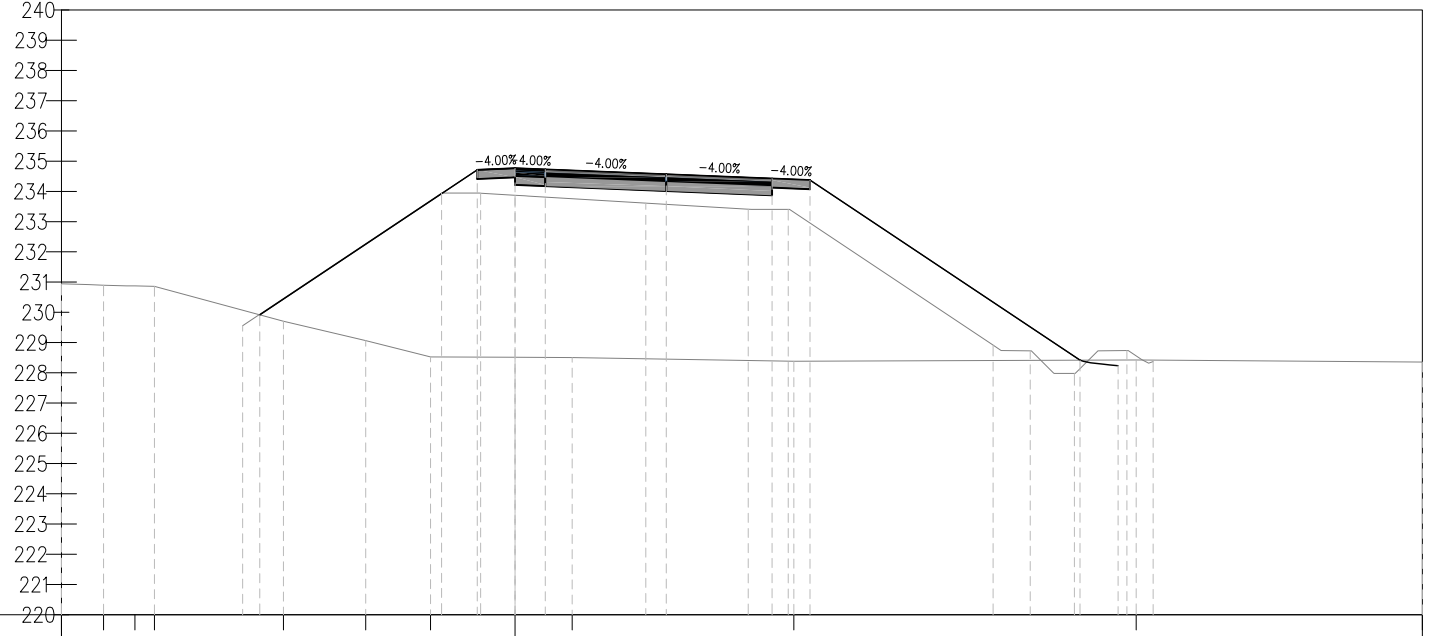
PROGRESSIVE TERRENO	-15.00	-12.18	-4.45	0.00	9.61	21.20	27.23	30.00	
QUOTE TERRENO	228.34	228.44	228.55	228.55	228.54	228.51	228.43	228.40	
DISTANZE PARZIALI TERRENO	2.82	7.73	4.45	9.31	11.59	6.03	2.77		
PROGRESSIVE PROGETTO		-9.73	-1.25	0.00	1.00	5.00	8.50	9.75	17.65
QUOTE PROGETTO		228.47	234.13	234.18	234.14	233.98	233.84	233.79	228.52
DISTANZE PARZIALI PROGETTO		8.48	1.25	1.00	4.00	3.50	1.25	7.90	

Rampa A_Ciglio sx To- San
 Sez. A 14
 Progr : 0+725.00
 Scala : 1:250
 Q.Rif. : 220.00



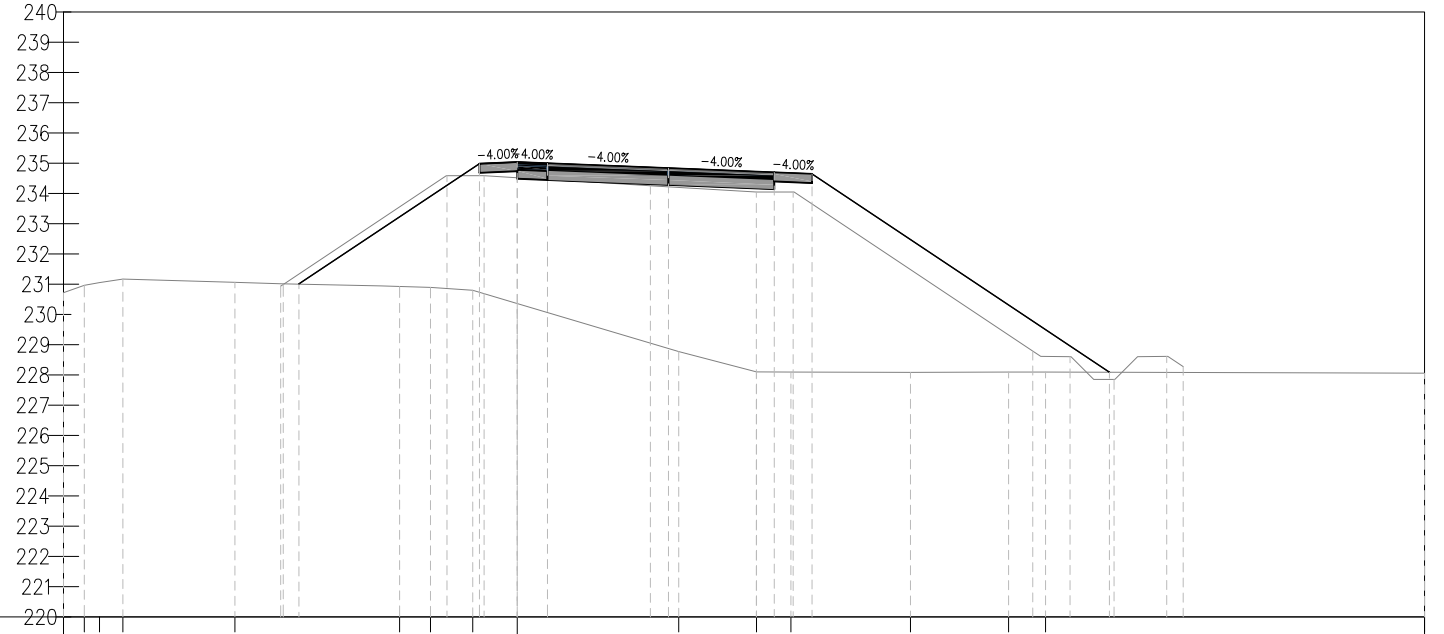
PROGRESSIVE TERRENO	15.00	-9.74	-8.03	0.00	3.57	4.98	12.10	29.12	30.00	
QUOTE TERRENO	229.98	228.49	228.49	228.42	228.39	228.39	228.37	228.37	228.36	
DISTANZE PARZIALI TERRENO	5.26	1.71	8.03	3.57	1.41	7.12	17.03	0.88		
PROGRESSIVE PROGETTO		-10.03		-1.25	0.00	1.00	5.00	8.50	9.75	18.31
QUOTE PROGETTO		228.57		234.42	234.47	234.43	234.27	234.13	234.08	228.37
DISTANZE PARZIALI PROGETTO			8.78	1.25	1.00	4.00	3.50	1.25	8.56	

Rampa A_Ciglio sx To- San
 Sez. A 15
 Progr : 0+750.00
 Scala : 1:250
 Q.Rif. : 220.00



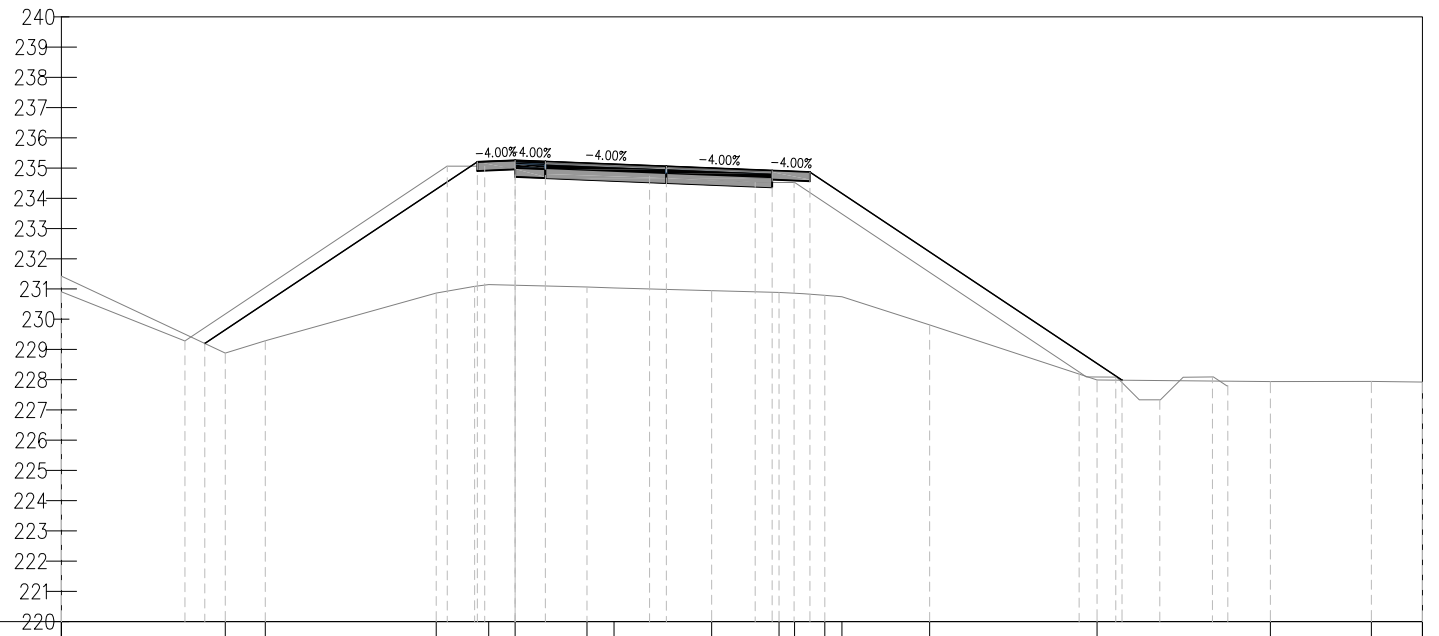
PROGRESSIVE TERRENO	15.00	13.61	12.57	11.92	7.66	4.94	2.80	1.89	9.22	20.54	30.00				
QUOTE TERRENO	230.94	230.90	230.87	230.86	229.71	229.07	228.53	228.51	228.38	228.42	228.36				
DISTANZE PARZIALI TERRENO	0.91	0.76	0.64	4.26	2.72	2.14	2.80	1.89	7.33	11.32	9.46				
PROGRESSIVE PROGETTO					-8.44		-1.25	1.00	5.00	8.50	9.75	18.68	19.37	19.94	
QUOTE PROGETTO					229.92		234.71	234.76	234.72	234.56	234.42	234.37	228.42	228.29	228.24
DISTANZE PARZIALI PROGETTO						7.19	1.25	1.00	4.00	3.50	1.25	8.93			

Rampa A_Ciglio sx To- San
 Sez. A 16
 Progr : 0+775.00
 Scala : 1:250
 Q.Rif. : 220.00



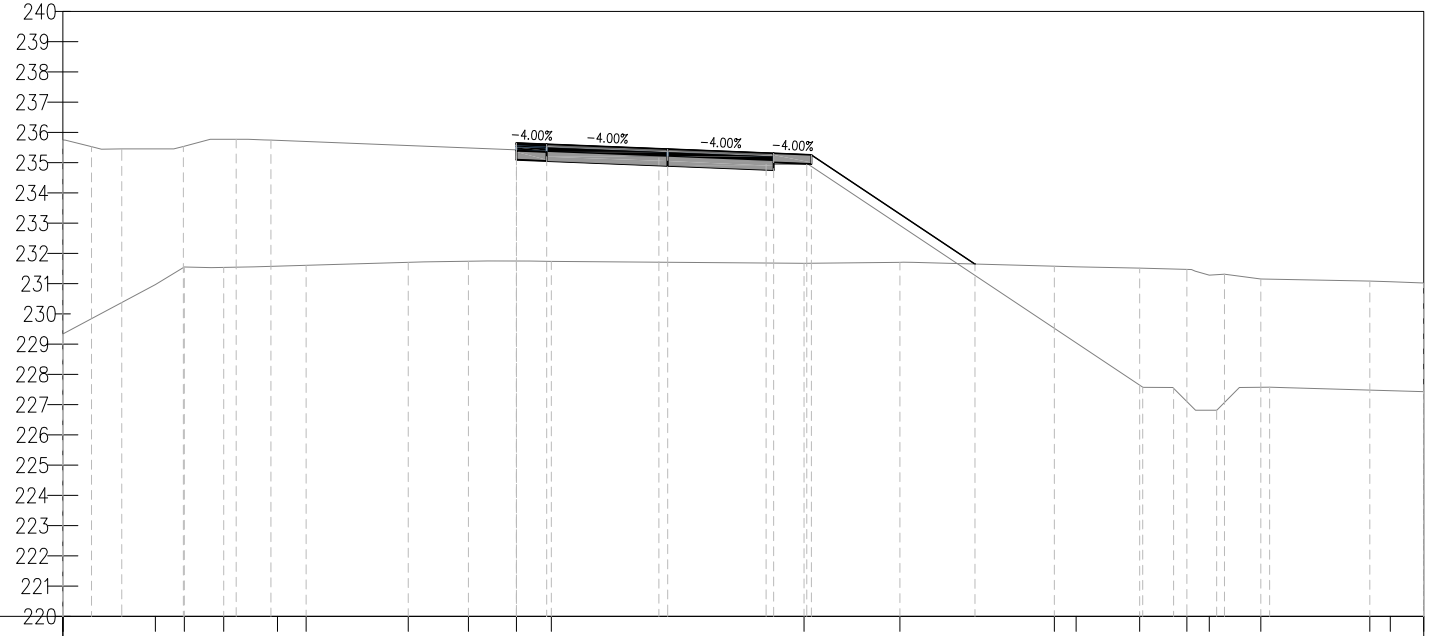
PROGRESSIVE TERRENO	15.00																					30.00
QUOTE TERRENO	230.72	230.97	231.05	231.17	231.06	230.93	230.90	230.80	230.36	228.77	228.10	228.10	228.09	228.10	228.10	228.10	228.09	228.10	228.10	228.06		
DISTANZE PARZIALI TERRENO	0.69	0.51	0.77	3.65	5.40	0.97	1.40	1.47	5.34	2.57	1.14	3.95	3.24	1.22	17.47	12.53						
PROGRESSIVE PROGETTO					-7.22		-1.25		1.00	5.00	8.50	9.75			19.58							
QUOTE PROGETTO					231.01		234.99	235.04	235.00	234.84	234.70	234.65			228.09							
DISTANZE PARZIALI PROGETTO					5.97		1.25	1.00	4.00	3.50	1.25	9.83										

Rampa A_Ciglio sx To- San
 Sez. A 17
 Progr : 0+800.00
 Scala : 1:250
 Q.Rif. : 220.00



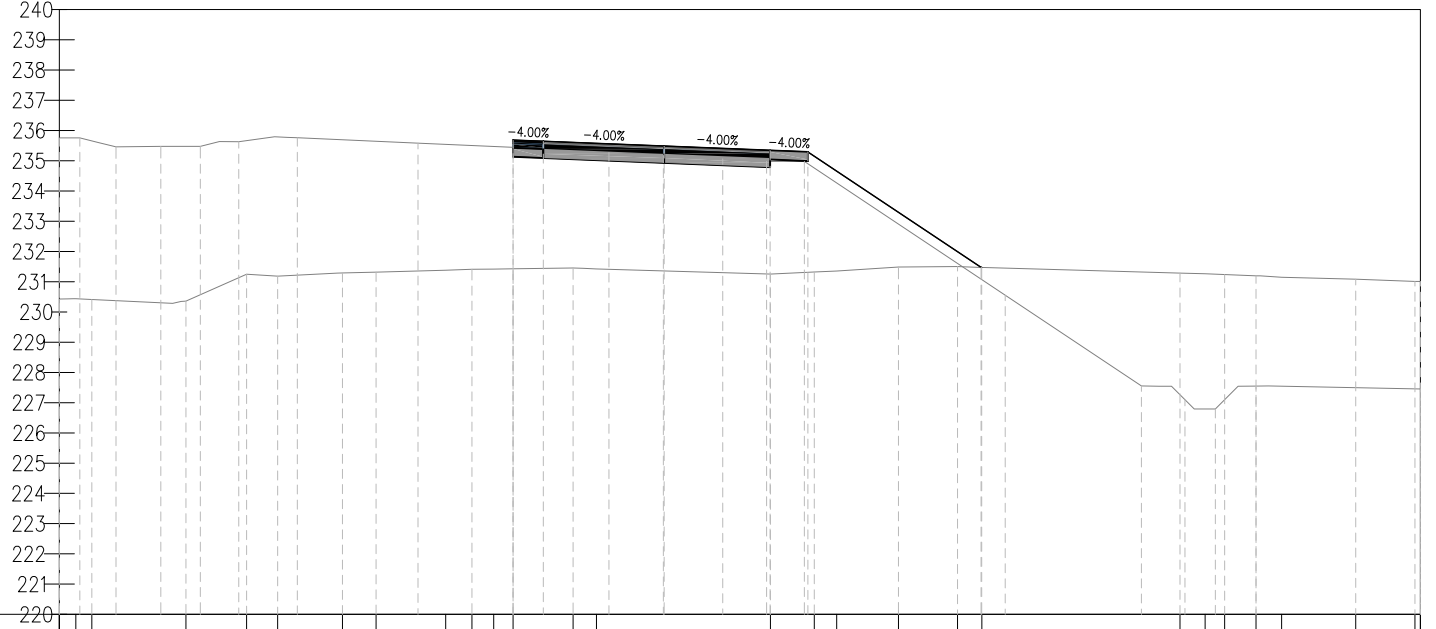
PROGRESSIVE TERRENO	15.00	9.58	8.26	2.61	0.87	0.00	2.37	3.27	6.50	8.73	9.24	10.24	10.81	13.71	19.24	24.97	28.31	30.00
QUOTE TERRENO	231.42	228.88	229.29	230.87	231.15	231.12	231.07	231.03	230.95	230.88	230.88	230.79	230.74	229.81	227.99	227.94	227.94	227.92
DISTANZE PARZIALI TERRENO	5.42	1.32	5.65	1.27	0.87	2.37	0.90	3.23	2.23	0.51	0.70	0.57	2.90	5.54	5.73	3.34	1.69	
PROGRESSIVE PROGETTO		-10.26		-1.25	0.00	1.00		5.00		8.50	9.75				20.07			
QUOTE PROGETTO		229.20		235.20	235.25	235.21		235.05		234.91	234.86				227.98			
DISTANZE PARZIALI PROGETTO			9.01		1.25	1.00	4.00		3.50		1.25			10.32				

Rampa A_Ciglio sx To- San
 Sez. A 21
 Progr : 0+900.00
 Scala : 1:250
 Q.Rif. : 220.00



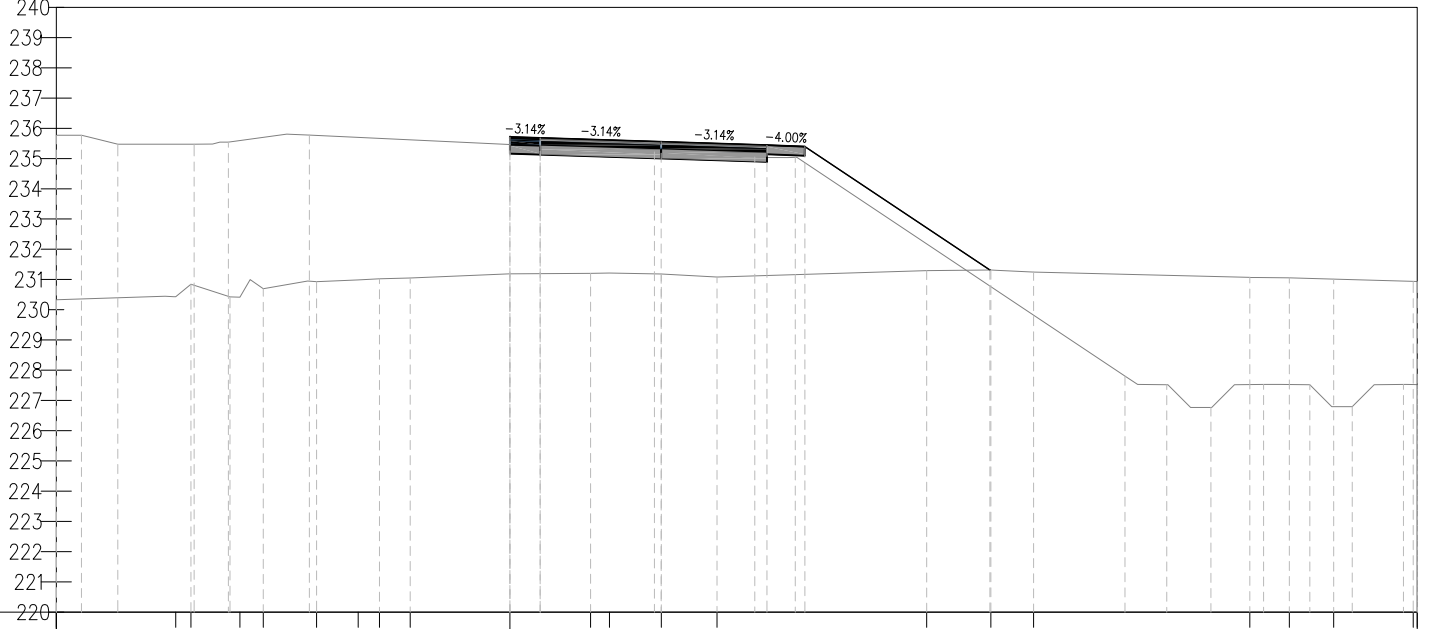
PROGRESSIVE TERRENO	14.00	11.94	10.98	9.68	7.90	6.96	3.58	1.59	0.00	1.15	9.51	12.68	17.78	18.50	20.61	22.17	22.91	24.61	28.22	28.89	30.00
QUOTE TERRENO	229.35	230.97	231.55	231.54	231.58	231.61	231.71	231.74	231.76	231.74	231.67	231.70	231.58	231.56	231.52	231.47	231.28	231.16	231.08	231.07	231.02
DISTANZE PARZIALI TERRENO	3.05	0.96	0.89	1.78	0.95	3.37	1.99	1.44	1.15	8.36	3.17	4.67	0.72	2.10	1.56	1.20	3.61	0.68	1.11		
PROGRESSIVE PROGETTO									1.00	5.00	8.50	9.75			15.16						
QUOTE PROGETTO									235.65	235.61	235.45	235.31	235.26		231.65						
DISTANZE PARZIALI PROGETTO									1.00	4.00	3.50	1.25	5.41								

Rampa A_Ciglio sx To- San
 Sez. A 22
 Progr : 0+913.16
 Scala : 1:250
 Q.Rif. : 220.00



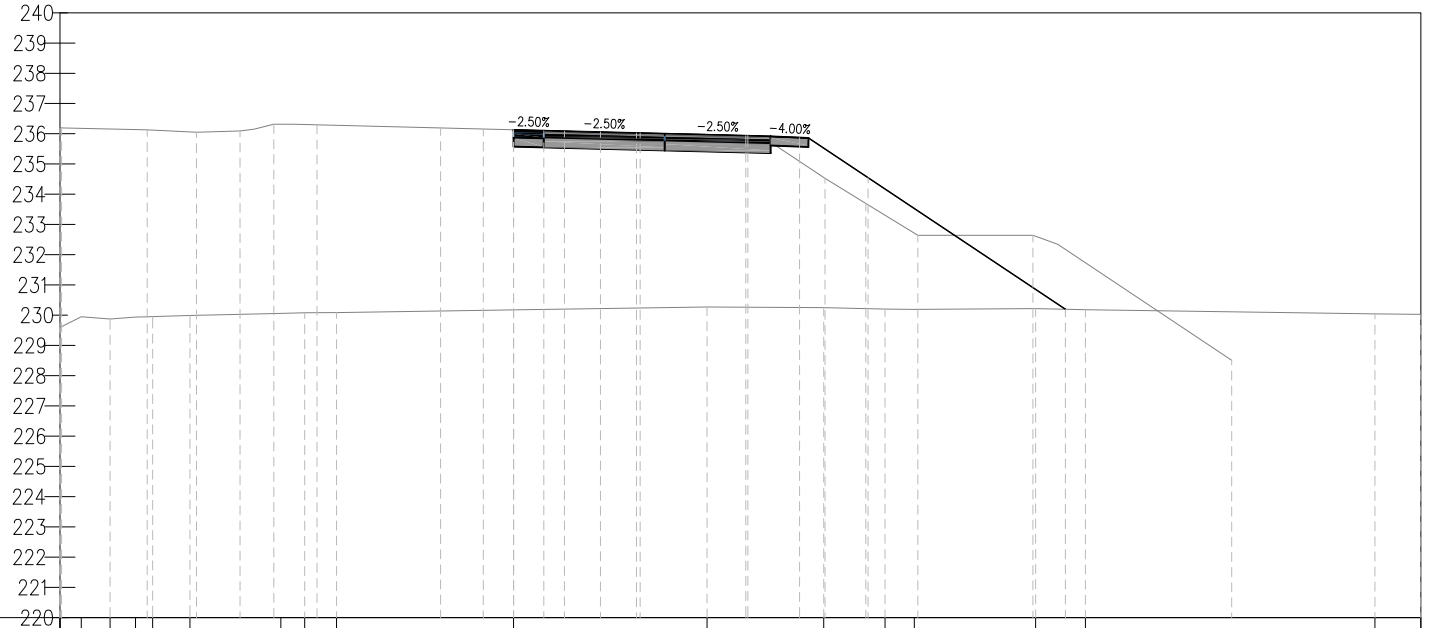
PROGRESSIVE TERRENO	15.00 14.46 13.93	-10.81	-8.81 -7.78	-5.64 -4.53	-2.23 -1.36 -0.64	1.99 2.76	8.51 9.96 10.70	12.75 14.70 15.50	22.05 22.88 23.53	24.57 25.42	27.86	38.80	
QUOTE TERRENO	230.42 230.44 230.41	230.36	231.25 231.18	231.29 231.32	231.38 231.41 231.42 231.43	231.45 231.42	231.25 231.32 231.35	231.49 231.50 231.47	231.29 231.26 231.23	231.20 231.15	231.08	231.01	
DISTANZE PARZIALI TERRENO	0.53 2.67	2.00	1.03 1.97	1.11 2.30	0.87 0.72 0.64	1.99	5.75	1.45 0.74 2.04	1.95	0.80	6.47	0.83 0.64 1.04 0.71	2.45 1.96
PROGRESSIVE PROGETTO						1.00	5.00	8.50 9.75	15.50				
QUOTE PROGETTO					235.68 235.64		235.48	235.34 235.29	231.47				
DISTANZE PARZIALI PROGETTO					1.00	4.00	3.50	1.25	5.72				

Rampa A_Ciglio sx To- San
 Sez. A 23
 Progr : 0+925.00
 Scala : 1:250
 Q.Rif. : 220.00



PROGRESSIVE TERRENO	QUOTE TERRENO	DISTANZE PARZIALI TERRENO	PROGRESSIVE PROGETTO	QUOTE PROGETTO	DISTANZE PARZIALI PROGETTO
0	230.33			235.71	1.00
3.60		3.60			
11.95	230.43				
10.55	230.84	0.51			
		1.29			
8.93	230.42				
8.16	230.69	0.34			
		1.47			
6.39	230.93				
5.02	230.99	1.37			
4.31	231.02	0.71			
3.30	231.05	1.01			
		3.29			
	231.19		1.00	235.68	
		2.67			
	231.21				
	231.21	0.62			4.00
		1.72			
	231.18		5.00	235.55	
		1.84			
	231.08				3.50
		6.93	8.50	235.44	
			9.75	235.39	1.25
					6.12
	231.30				
		2.12			
	231.31		15.87	231.31	
	231.24	1.23			
		7.15			
	231.07				
		1.04			
	231.06				
		1.47			
	231.02				
		2.63			
	230.94				
28.80	230.94				

Rampa A_Ciglio sx To- San
 Sez. A 29
 Progr : 0+993.00
 Scala : 1:250
 Q.Rif. : 220.00



PROGRESSIVE TERRENO	15.00	14.30	13.34	12.50	11.94	10.70	7.70	6.91	5.85	230.18	6.40	10.25	12.28	13.25	17.26	18.91	28.48	30.00
QUOTE TERRENO	229.59	229.95	229.87	229.94	229.95	229.99	230.06	230.08	230.09	230.18	230.27	230.25	230.20	230.19	230.22	230.18	230.04	230.03
DISTANZE PARZIALI TERRENO	0.70	0.96	0.57	1.24	3.00	0.79	1.05	5.85	6.40	3.85	2.03	0.97	4.01	1.64	9.57	1.52		
PROGRESSIVE PROGETTO										0.77	4.06	5.00	7.68	8.50	9.46	11.72	18.25	
QUOTE PROGETTO							236.12	236.10	236.02	236.00	235.93	235.91	235.87	234.55	230.20			
DISTANZE PARZIALI PROGETTO							0.77	3.06	0.94	2.68	0.82	0.96	1.97	6.53				