

# AREA DI LAMINAZIONE DEL TORRENTE SEVESO

Comune di Lentate sul Seveso (MB)

PROGETTO DEFINITIVO - MB-E-2

GENNAIO 2016



## RESPONSABILE DEL PROCEDIMENTO:

ING. LUIGI MILLE

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Dott. Ing. FILIPPO MALINGEGNO

Dott. Ing. CRISTINA PASSONI

Dott. Geol. MARIO SPADA

Dott. Geol. GIAN MARCO ORLANDI

Dott. Geol. SUSANNA BIANCHI

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S.R.L.



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LANDSCAPE ARCHITECTURE NATURE DEVELOPMENT

**CeAS**  
centro di analisi strutturale  
**MCE**

TITOLO

AREA DI LAMINAZIONE GOLENALE  
SEZIONI DI PROGETTO ARGINI PERIMETRALI

SCALA  
VARIE

Revisioni

1

2

Numero  
elaborato

TIPOLOGIA

PD

COMMESSA

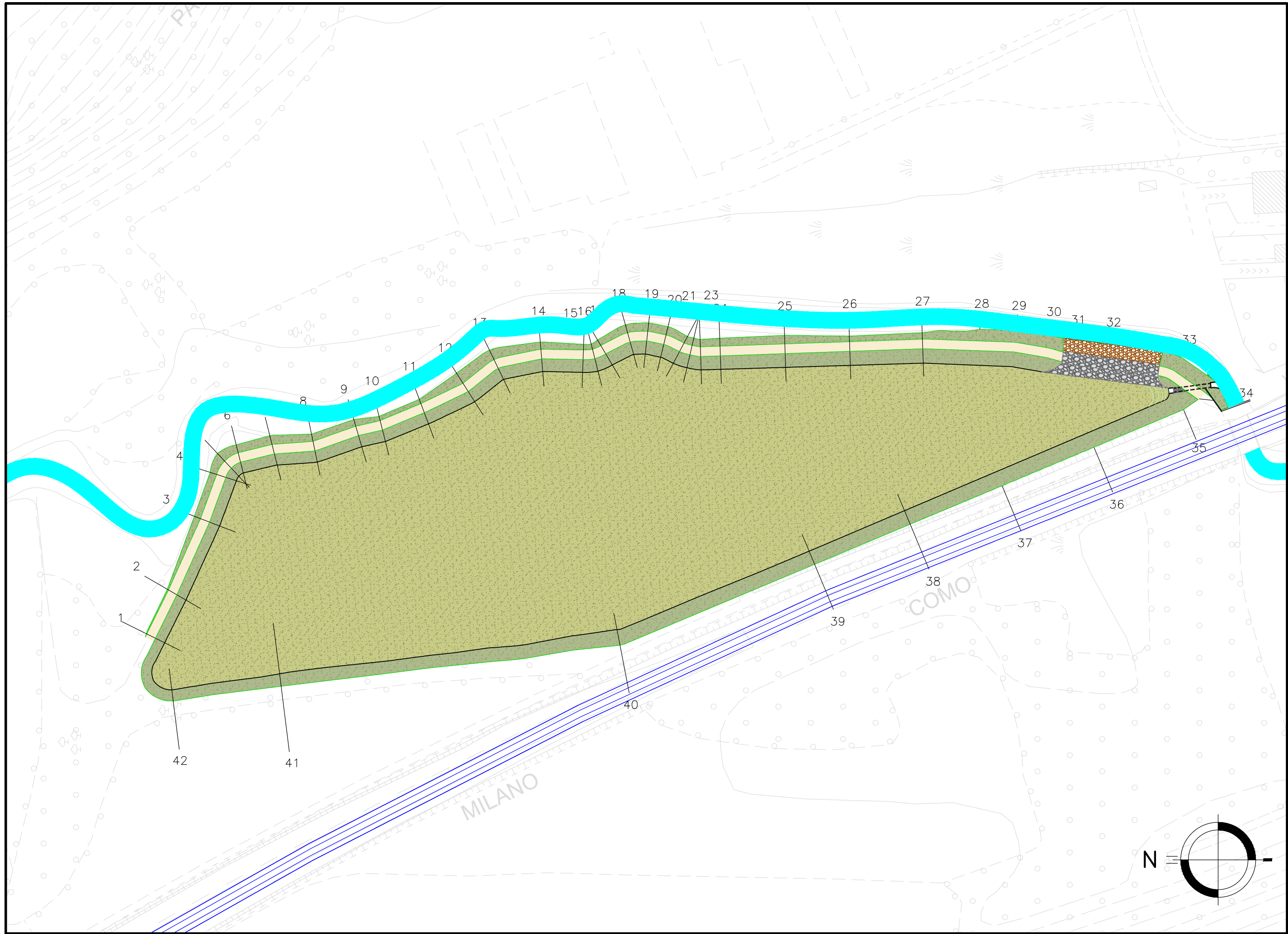
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DOCUMENTO

DI

NUMERO

D.5.4.2

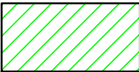


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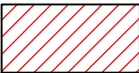
SEZIONE 1

PROGRESSIVA 0.00

LEGENDA



AREA RIPORTO



AREA SCOTICO E  
SUCCESSIVO RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE



LINEA DI SCOTICO

215



200  
200

226.19 226.79 227.27 227.73 229.20 229.65 229.62 229.45 229.45 229.23 229.17 229.14 229.10 229.10

QUOTE  
TERRENO

PARZIALI  
TERRENO

1.57 0.56 0.58 1.45 0.20 2.04 2.04 2.03 1.81 2.03 2.03 2.03 1.63

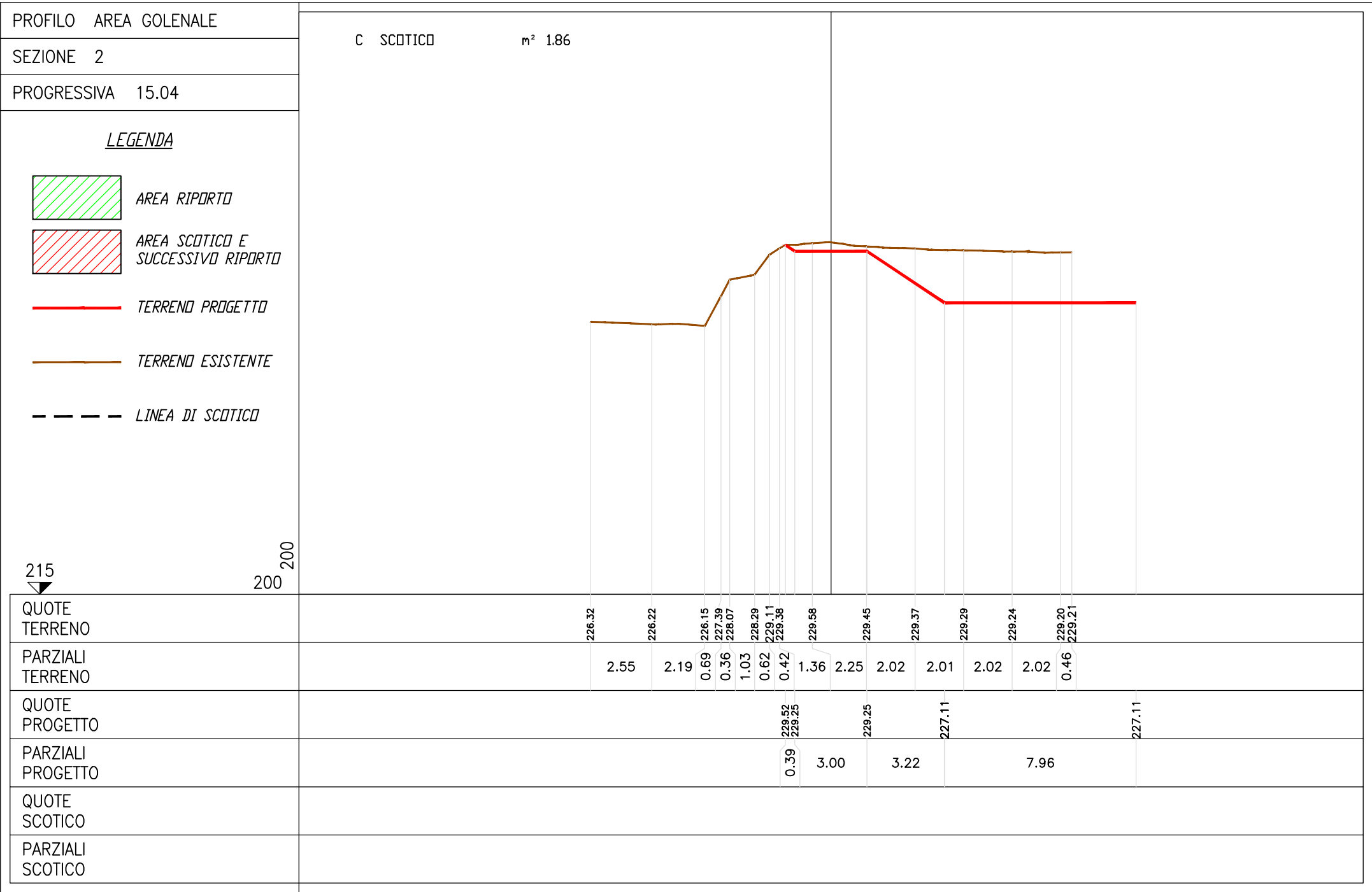
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PROGETTO

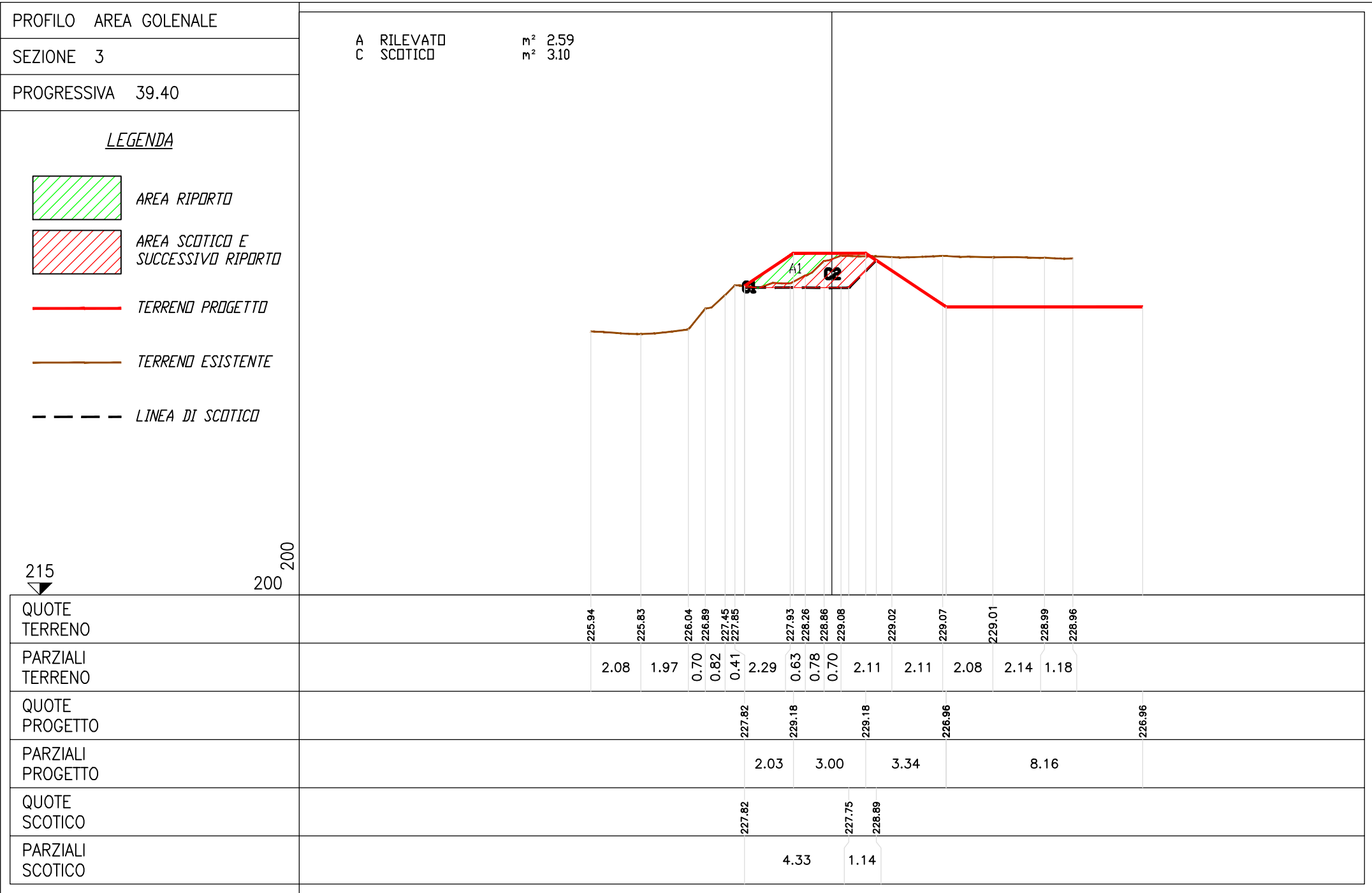
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PROGETTO

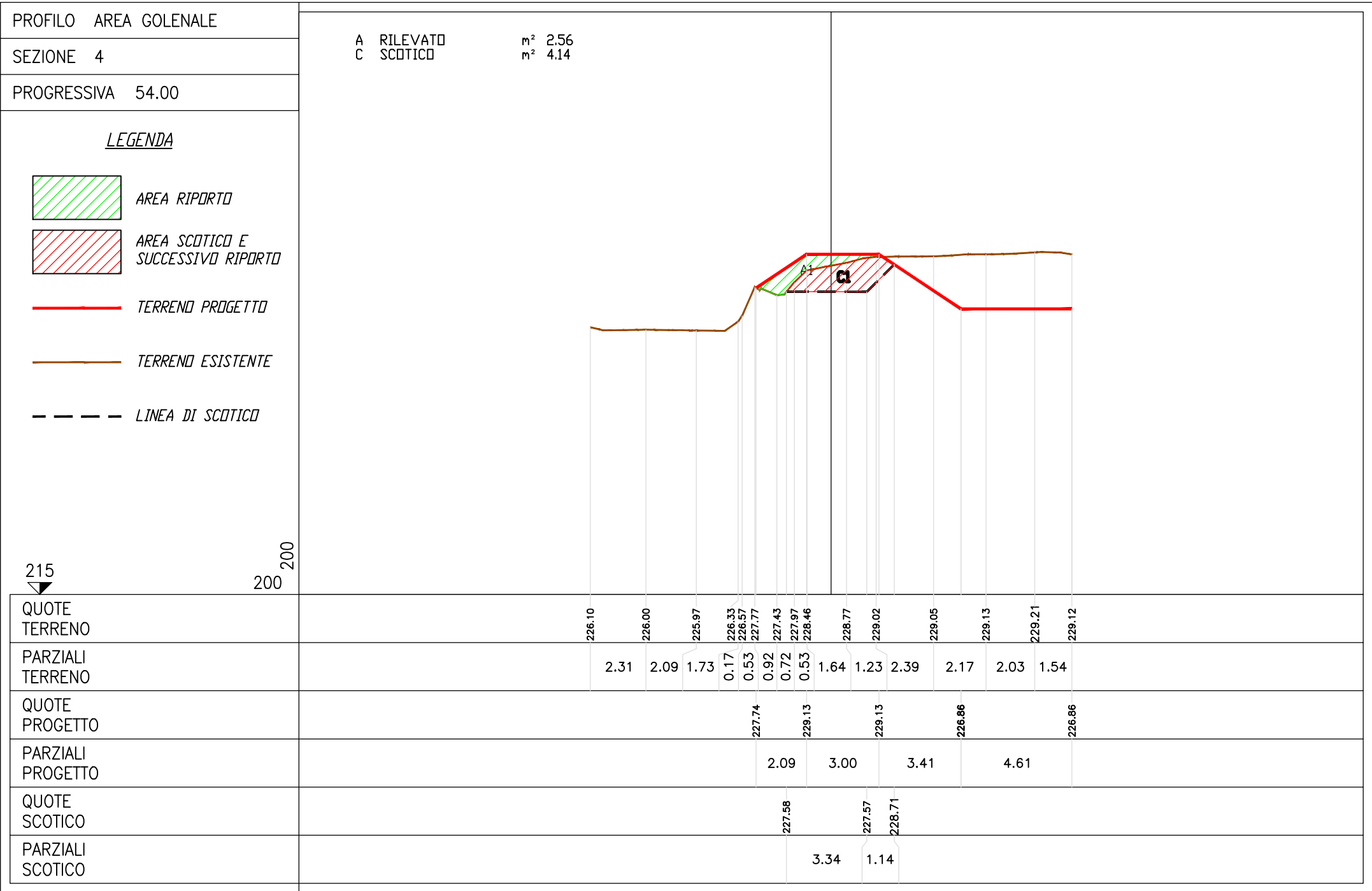
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0.29 3.00 3.15 7.88

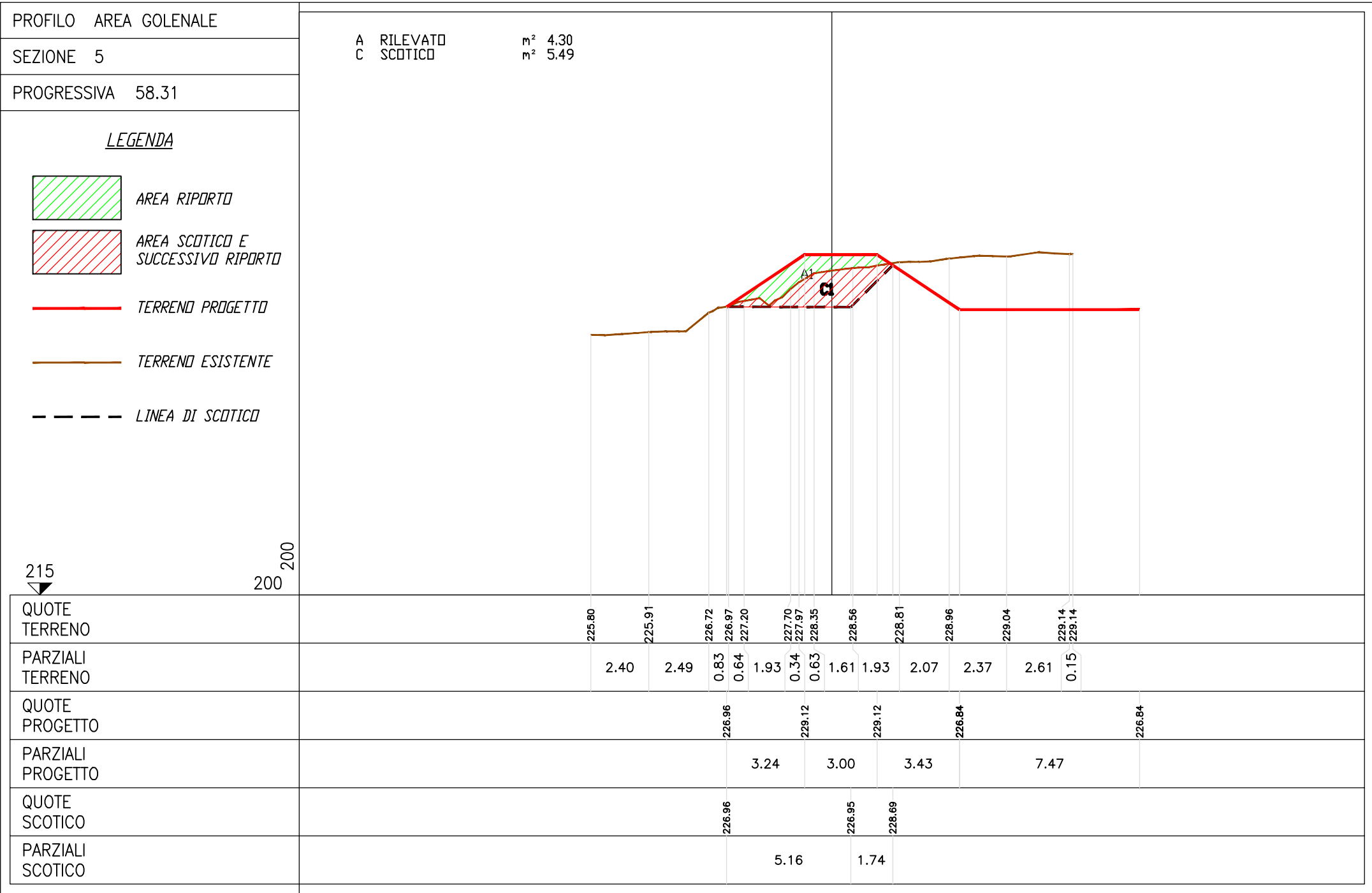
QUOTE  
SCOTICO

PARZIALI  
SCOTICO







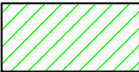


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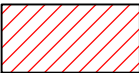
SEZIONE 6

PROGRESSIVA 62.63

LEGENDA



AREA RIPORTO



AREA SCOTICO E  
SUCCESSIVO RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE



LINEA DI SCOTICO

215

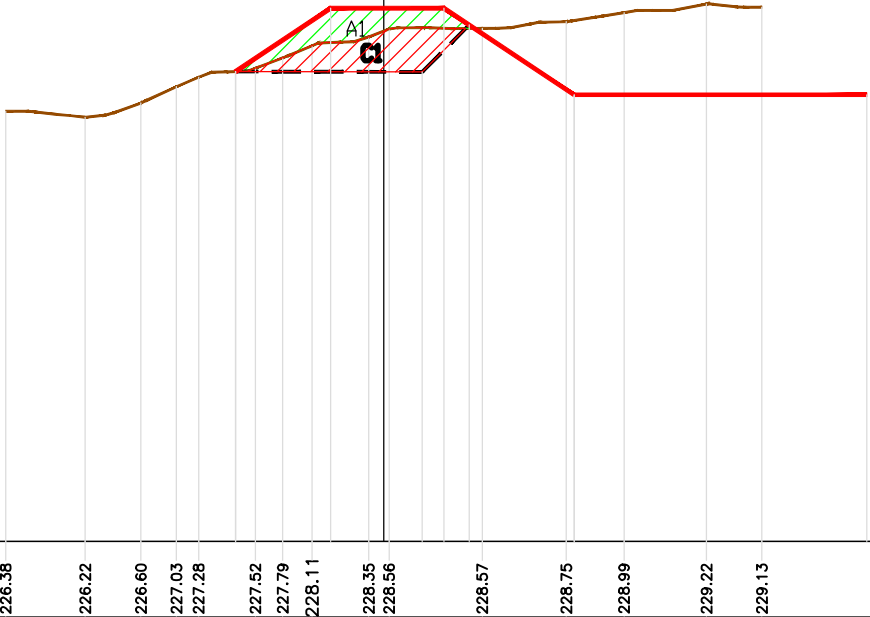


200

200

A RILEVATO  
C SCOTICO

m<sup>2</sup> 3.39  
m<sup>2</sup> 4.02



QUOTE  
TERRENO

226.38 226.22 226.60 227.03 227.28 227.52 227.79 228.11 228.35 228.56 228.57 228.75 228.99 229.22 229.13

PARZIALI  
TERRENO

2.10 1.48 0.93 0.59 1.50 0.73 0.77 1.50 0.54 2.46 2.23 1.52 2.19 1.46

QUOTE  
PROGETTO

227.43 229.11 229.11 226.81 226.81

PARZIALI  
PROGETTO

2.51 3.00 3.44 7.74

QUOTE  
SCOTICO

227.43 227.42 228.66

PARZIALI  
SCOTICO

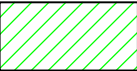
4.94 1.24

PROFILO AREA GOLENALE

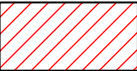
SEZIONE 7

PROGRESSIVA 73.38

LEGENDA



AREA RIPORTO



AREA SCOTICO E  
SUCCESSIVO RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE



LINEA DI SCOTICO

215

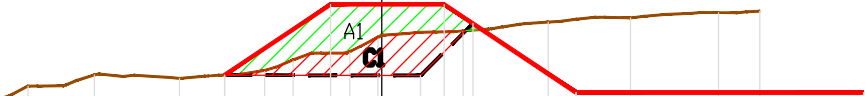


200

200

A RILEVATO  
C SCOTICO

m<sup>2</sup> 4.97  
m<sup>2</sup> 3.62



QUOTE  
TERRENO

226.61 226.91 227.21 227.11 227.32 227.61 227.82 228.21 228.37 228.61 228.72 228.86 228.89

PARZIALI  
TERRENO

0.64 1.76 2.25 2.25 0.75 1.50 0.75 2.25 2.25 2.18 2.32 1.10

QUOTE  
PROGETTO

227.20 229.07 229.07 226.74 226.74

PARZIALI  
PROGETTO

2.81 3.00 3.49 7.60

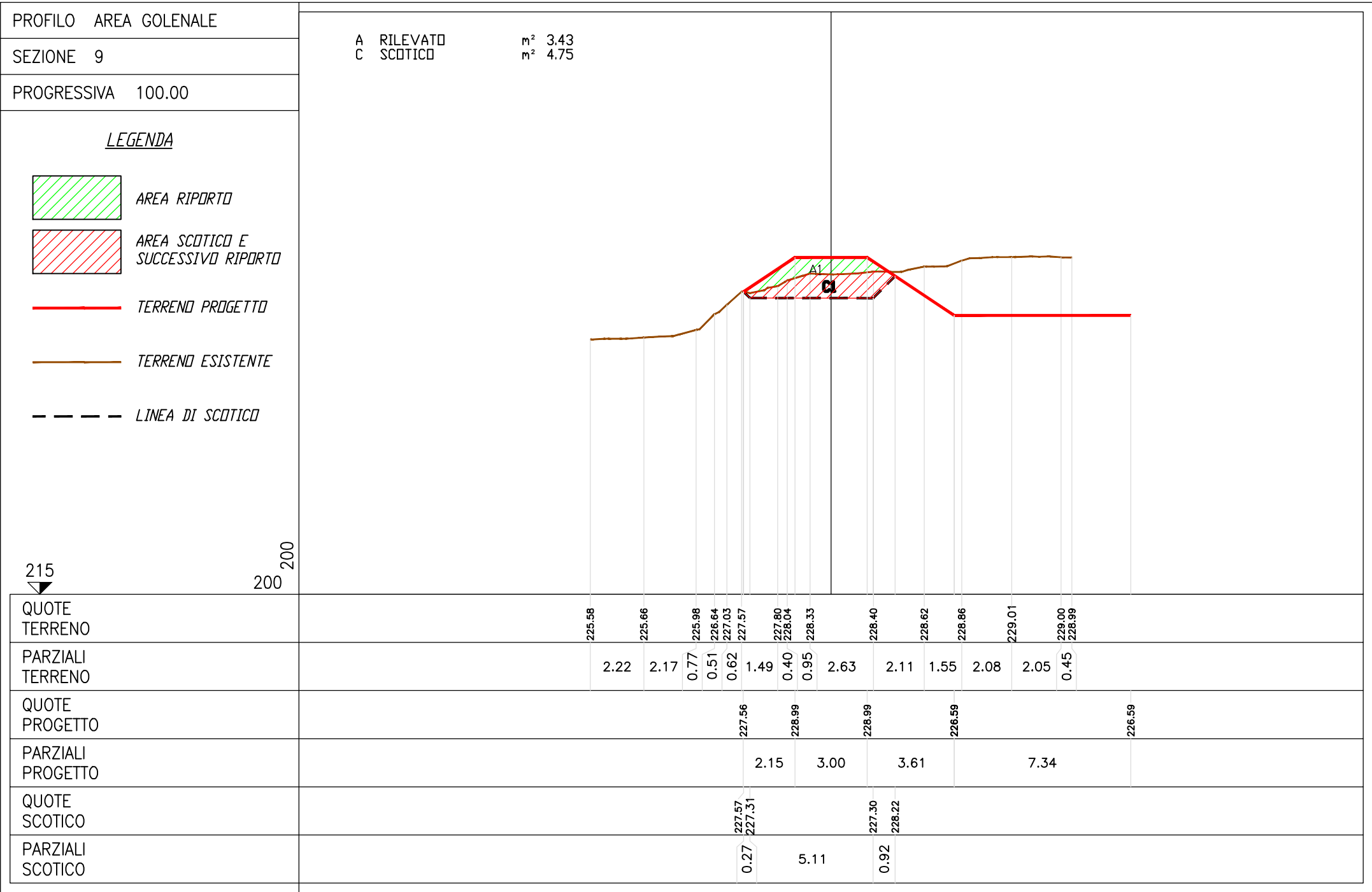
QUOTE  
SCOTICO

227.20 227.19 228.57

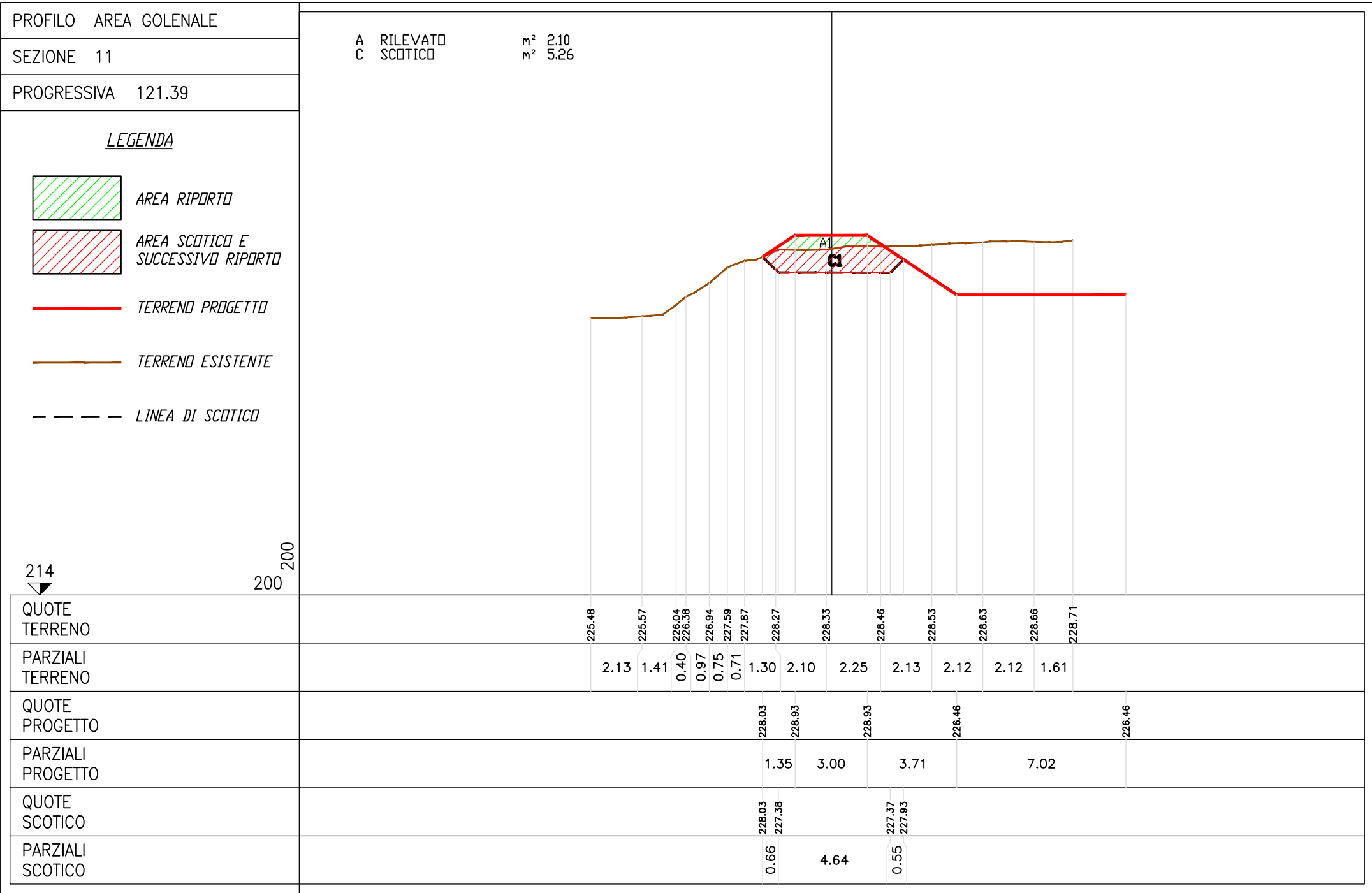
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SCOTICO

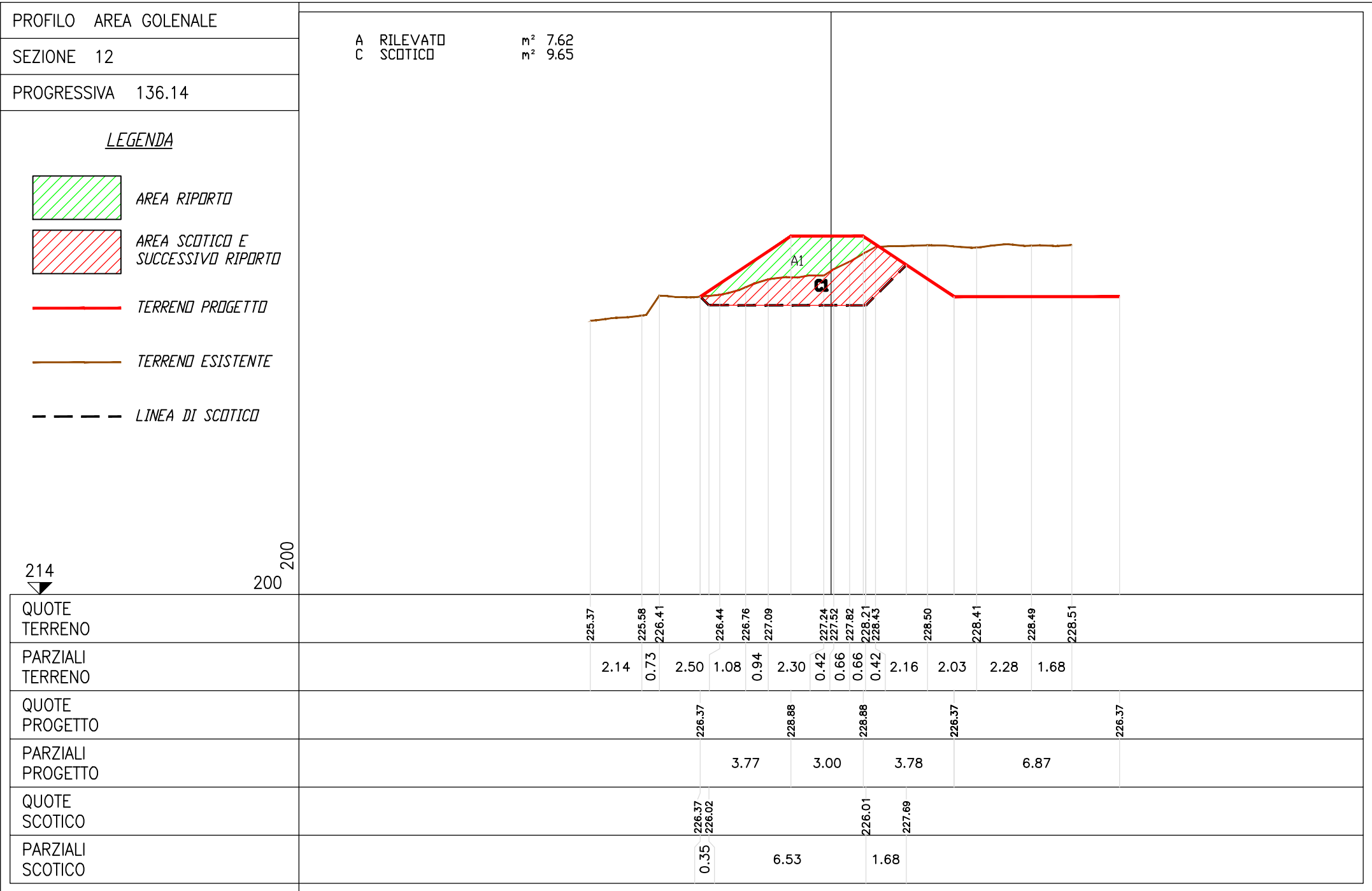
5.19 1.38









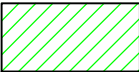


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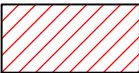
SEZIONE 13

PROGRESSIVA 148.05

LEGENDA



AREA RIPORTO



AREA SCOTICO E  
SUCCESSIVO RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE



LINEA DI SCOTICO

214

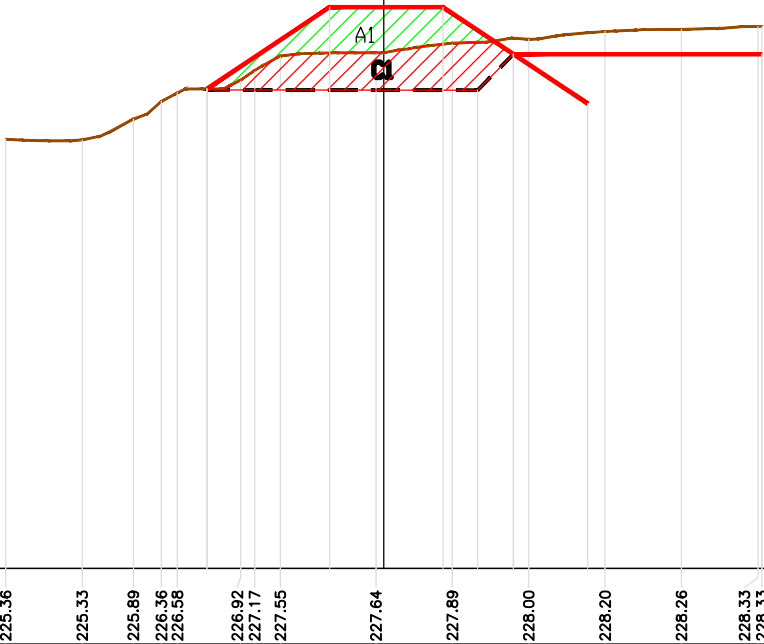


200

200

A RILEVATO  
C SCOTICO

m<sup>2</sup> 5.76  
m<sup>2</sup> 6.92



QUOTE  
TERRENO

PARZIALI  
TERRENO

QUOTE  
PROGETTO

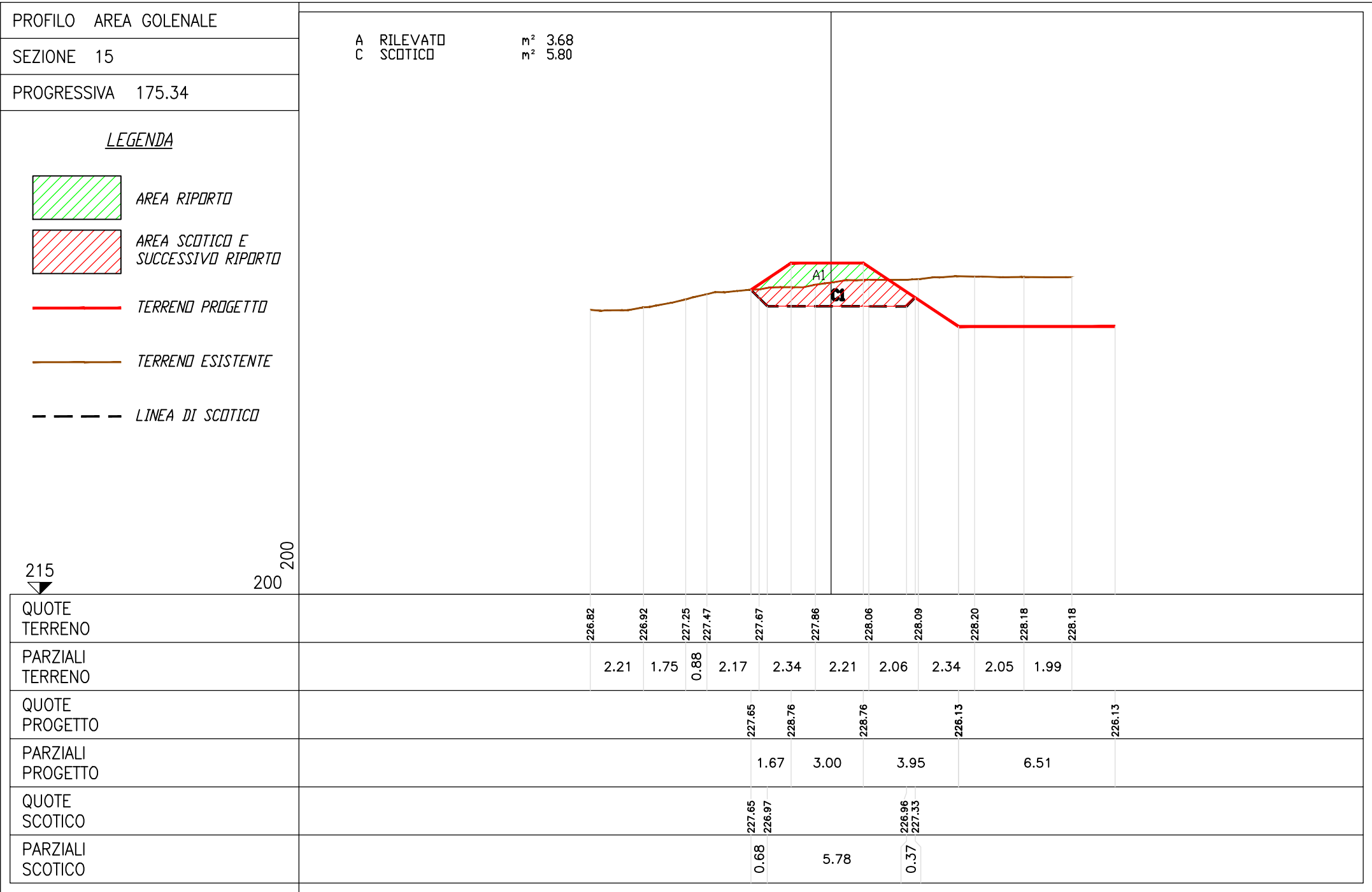
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PROGETTO

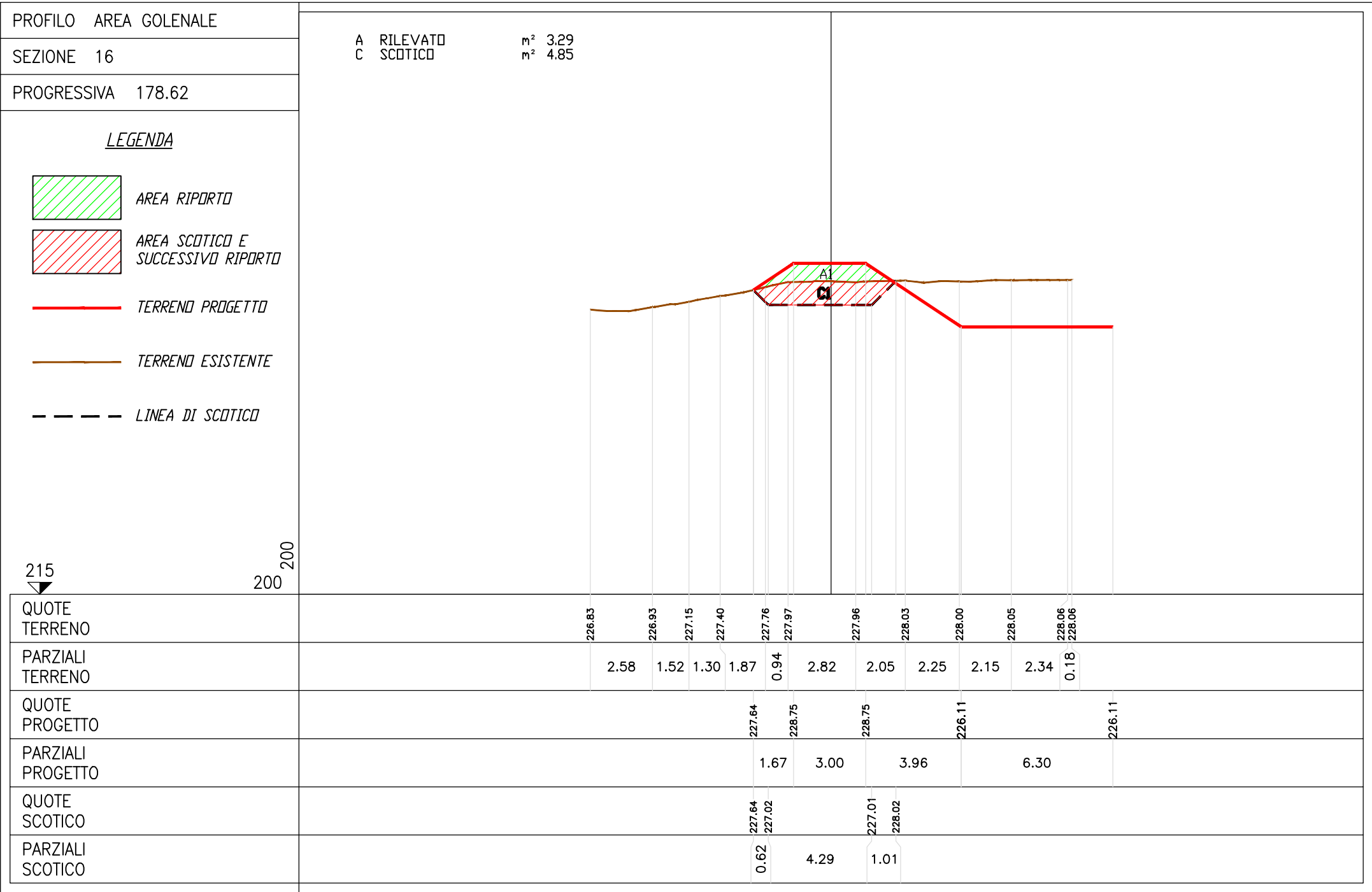
QUOTE  
SCOTICO

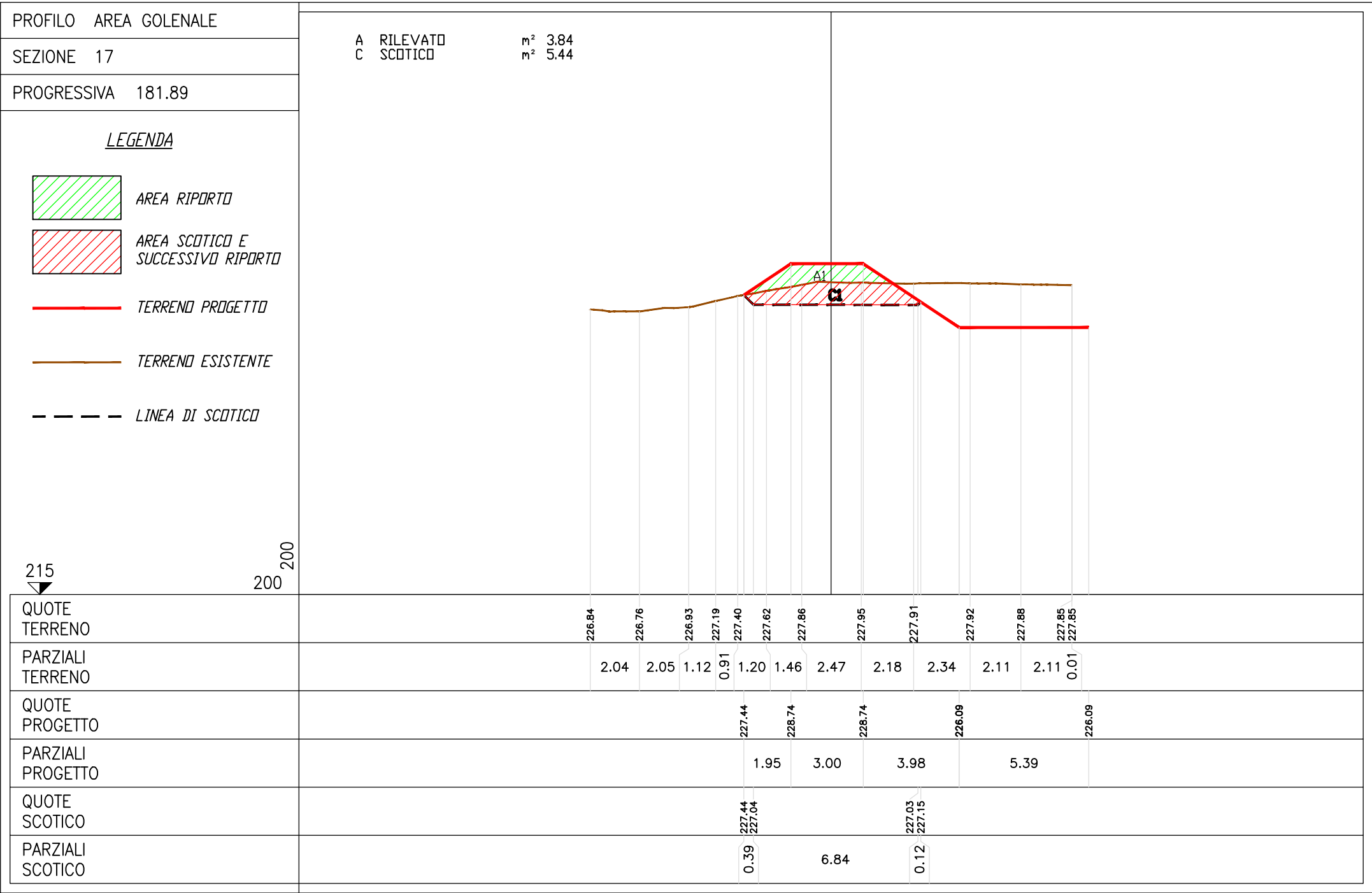
PARZIALI  
SCOTICO

225.36	225.33	225.89	226.36	226.58	226.92	227.17	227.55	227.64	227.89	228.00	228.20	228.26	228.33	228.33
2.02	1.36	0.74	0.42	1.67	0.37	0.69	2.52	2.02	2.02	2.02	2.02	2.02	0.11	
				226.68			228.85		228.85	227.60	226.29		227.60	
					3.24		3.00		3.83		6.57			
				226.69					226.65	227.60				
							7.15		0.95					









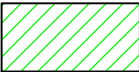


PROFILO AREA GOLENALE

SEZIONE 19

PROGRESSIVA 196.55

LEGENDA



AREA RIPORTO



AREA SCOTICO E  
SUCCESSIVO RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE



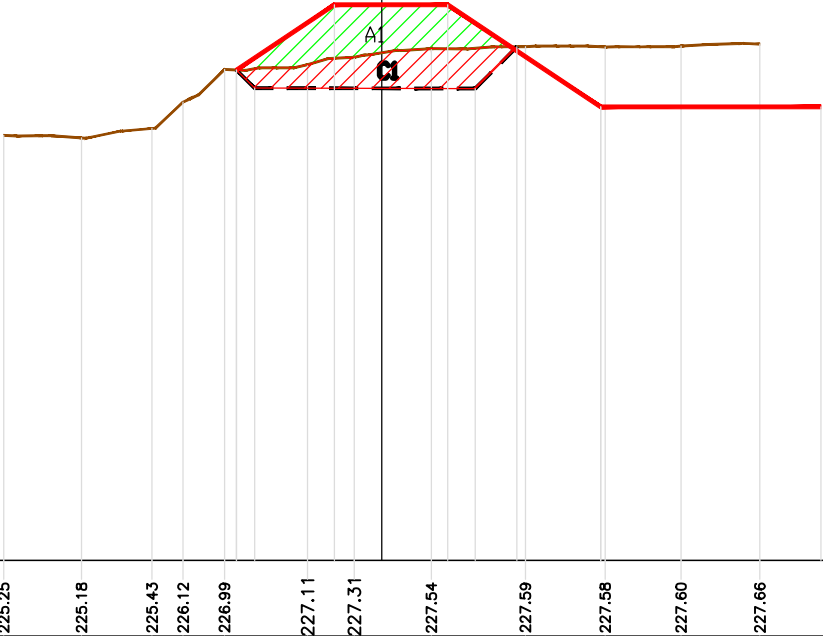
LINEA DI SCOTICO

214



200  
200

A RILEVATO  $m^2$  6.72  
C SCOTICO  $m^2$  5.63



QUOTE  
TERRENO

225.25 225.18 225.43 226.12 226.99 227.11 227.31 227.54 227.59 227.58 227.60 227.66

PARZIALI  
TERRENO

2.06 1.86 0.82 1.10 2.20 1.23 2.04 2.49 2.11 2.00 2.09

QUOTE  
PROGETTO

226.97 228.70 228.70 226.00 226.00

PARZIALI  
PROGETTO

2.58 3.00 4.05 5.82

QUOTE  
SCOTICO

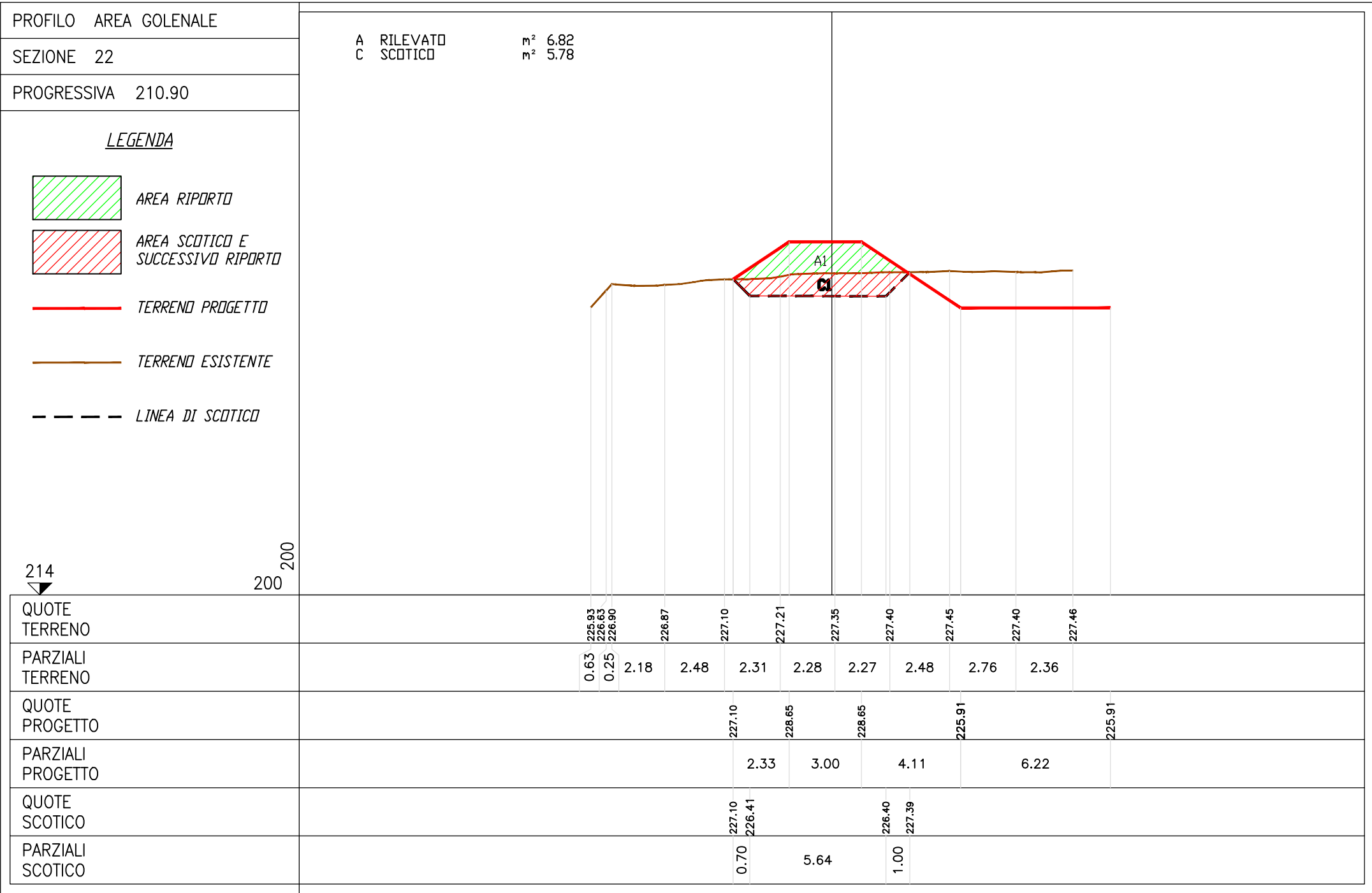
226.97 226.48 227.59

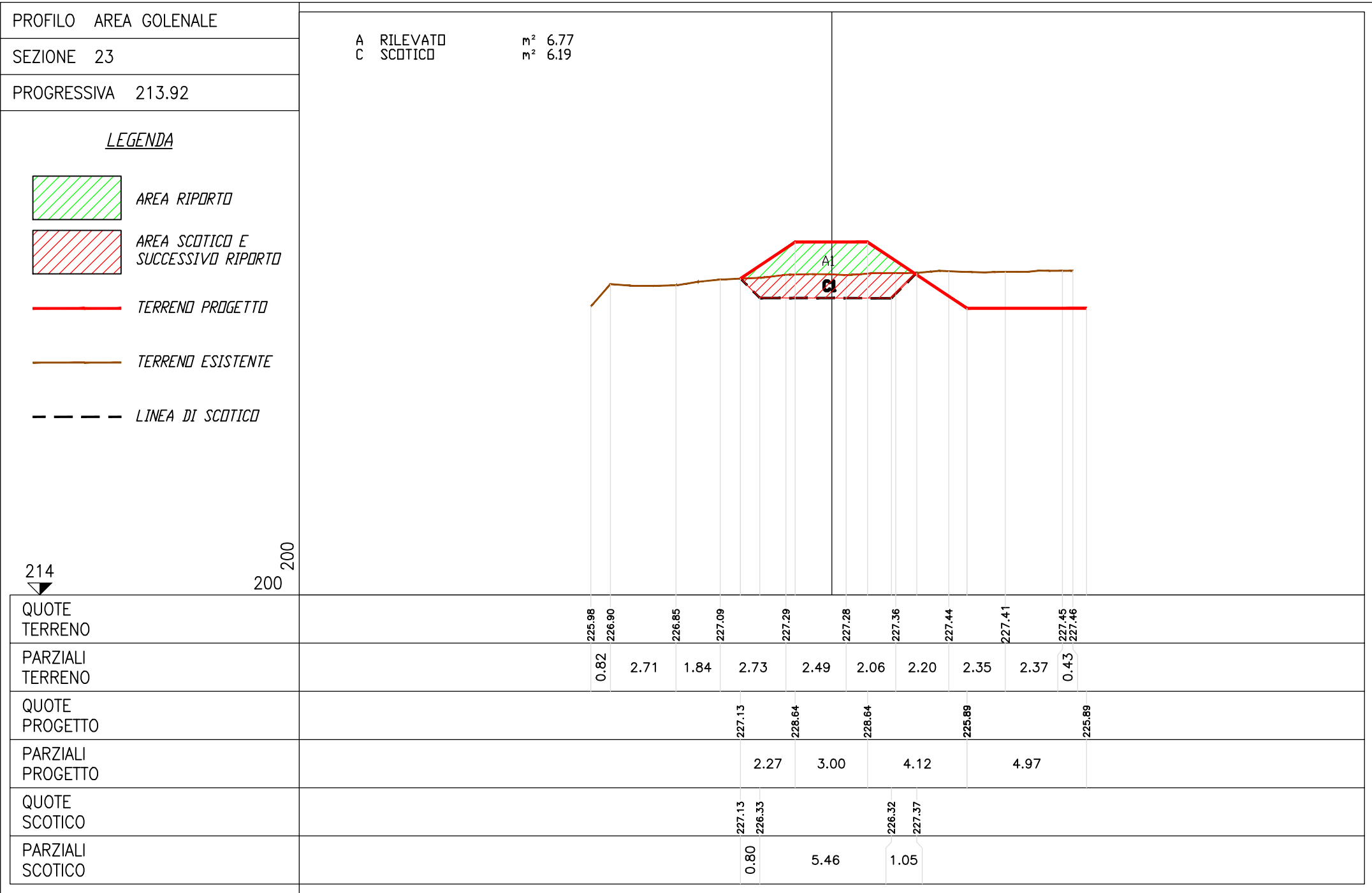
PARZIALI  
SCOTICO

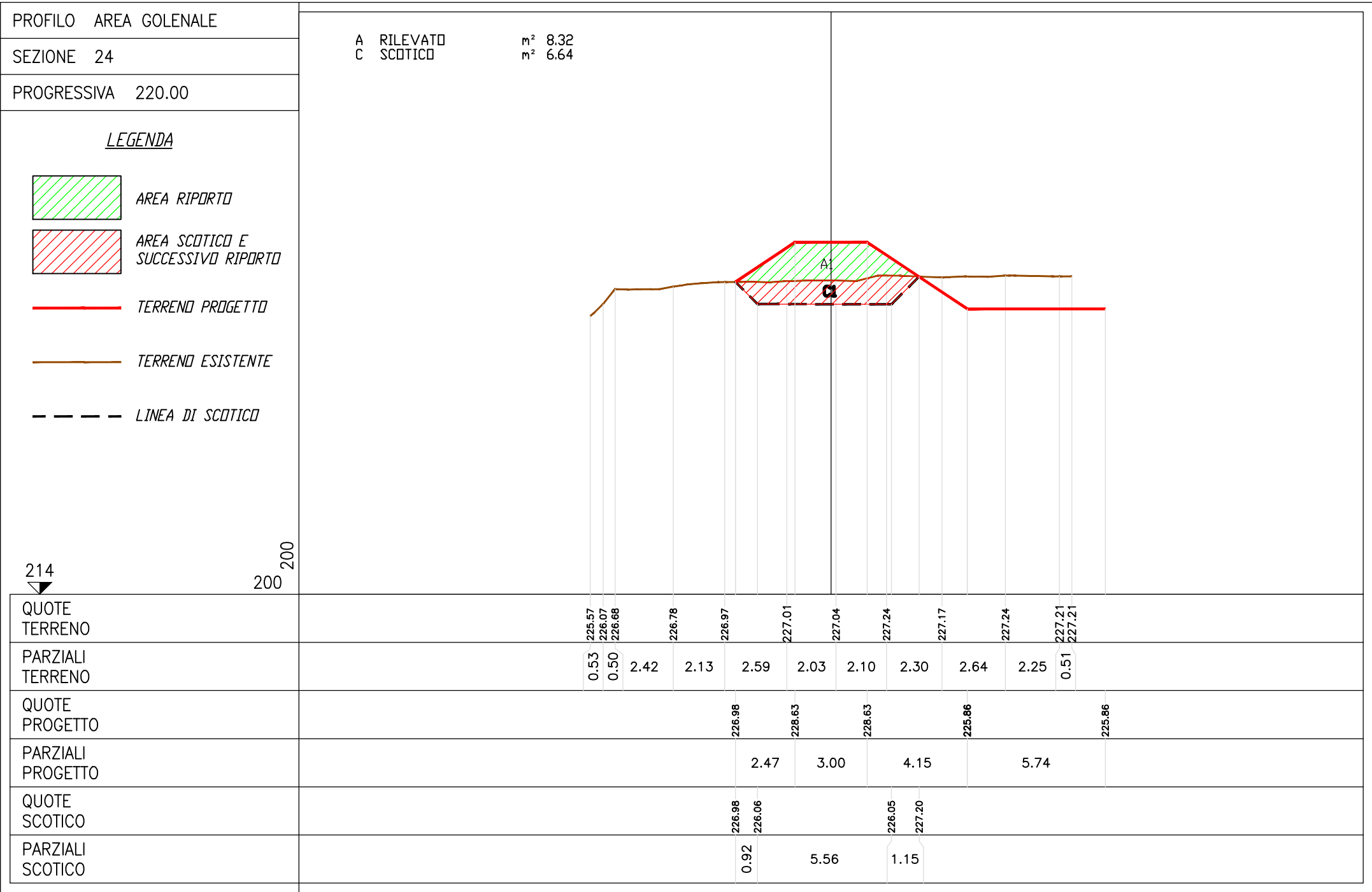
0.48 5.83 1.11



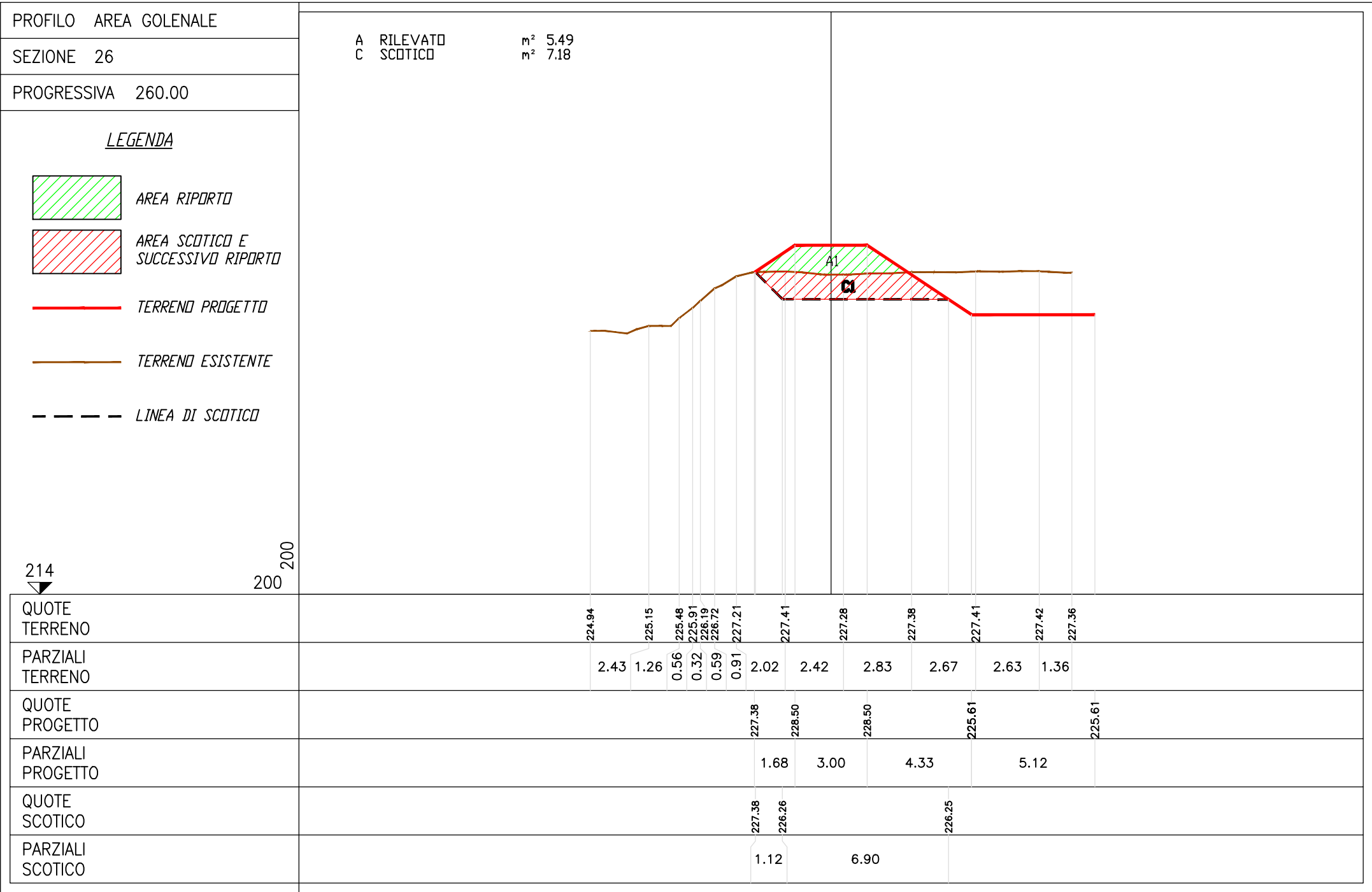


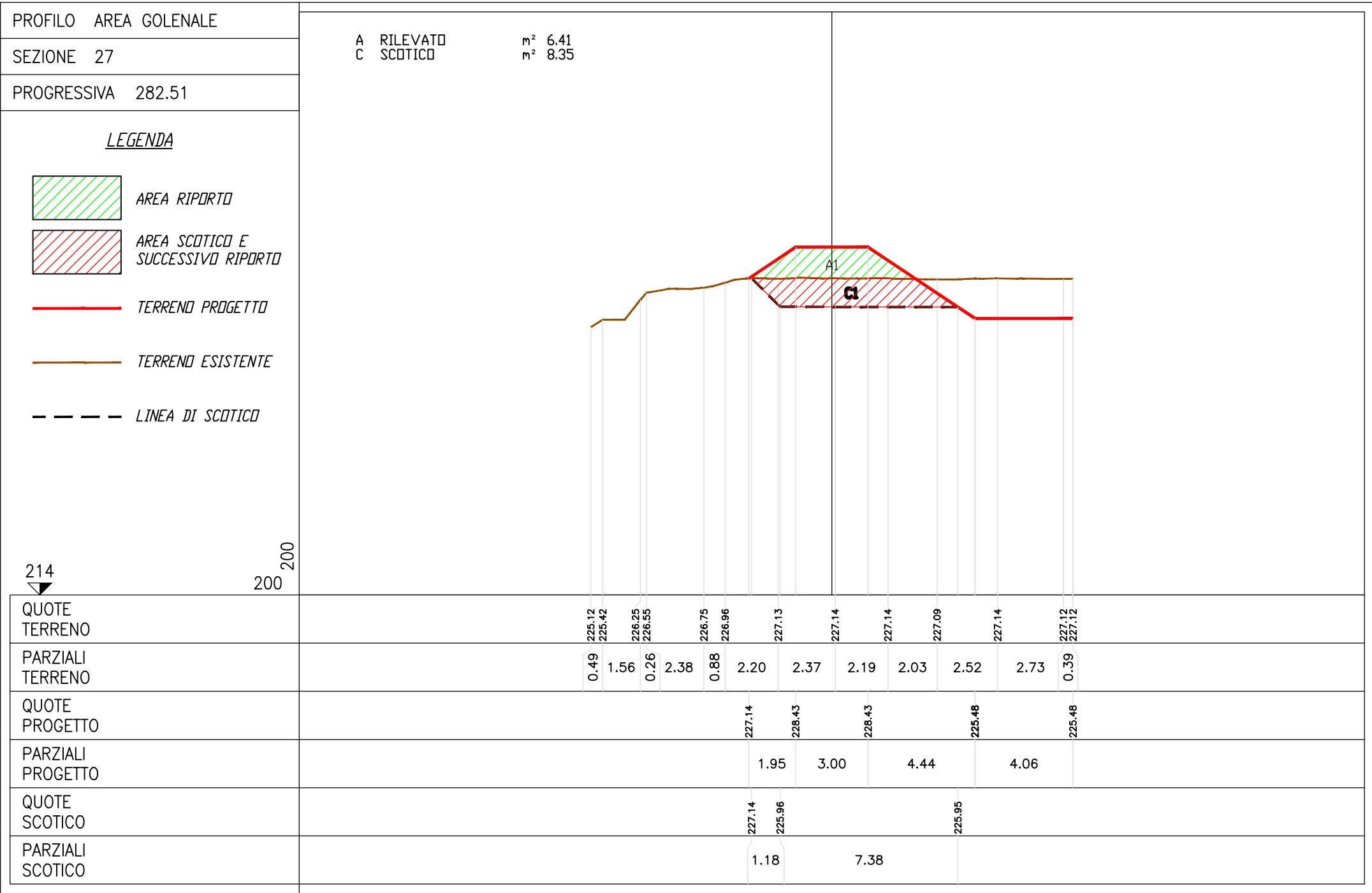










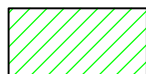


PROFILO AREA GOLENALE

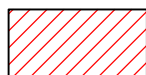
SEZIONE 28

PROGRESSIVA 300.00

LEGENDA



AREA RIPORTO



AREA SCOTICO E  
SUCCESSIVO RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE



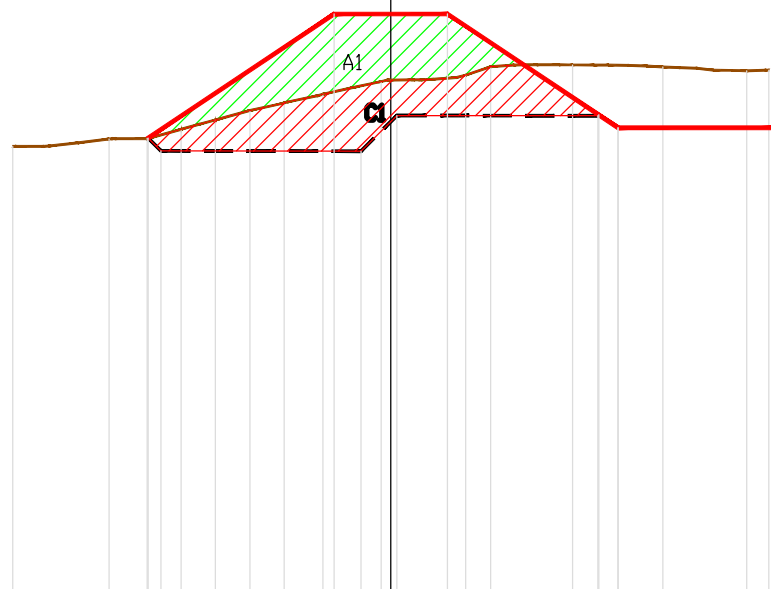
LINEA DI SCOTICO

213



200 200

A RILEVATO  $m^2$  12.02  
C SCOTICO  $m^2$  12.31



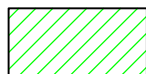
QUOTE TERRENO	224.88	225.07	225.33	225.58	225.83	226.03	226.26	226.59	226.76	226.99	227.03	226.98	226.88	226.89
PARZIALI TERRENO	2.55	1.90	0.91	0.91	0.91	1.03	1.53	2.24	0.66	2.17	2.38	2.23	0.58	
QUOTE PROGETTO		225.09					228.38		228.38		225.37			225.37
PARZIALI PROGETTO				4.94				3.00		4.51		4.50		
QUOTE SCOTICO		225.10 224.76					224.75 225.69				225.69 225.71			
PARZIALI SCOTICO		0.34		5.29			0.95		5.32		0.02			

PROFILO AREA GOLENALE

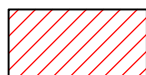
SEZIONE 29

PROGRESSIVA 310.82

LEGENDA



AREA RIPORTO



AREA SCOTICO E  
SUCCESSIVO RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE



LINEA DI SCOTICO

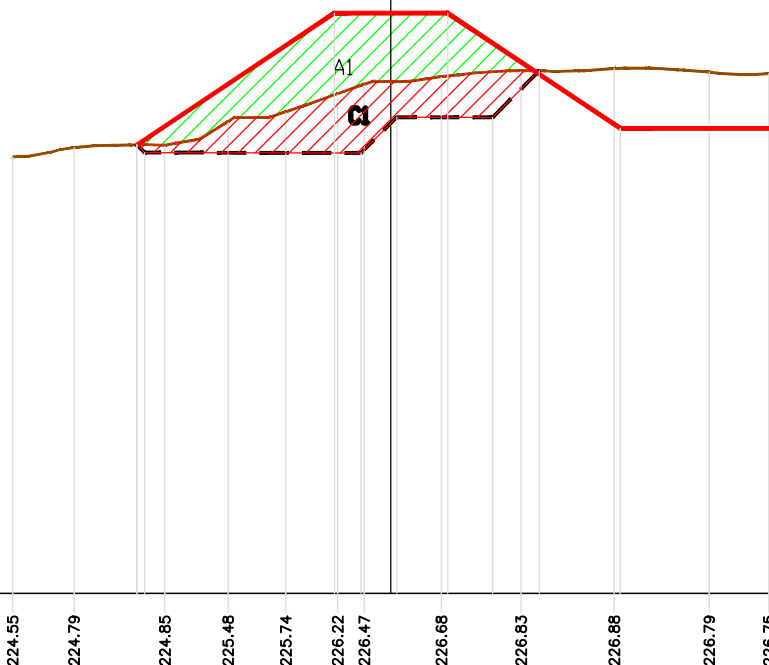
213



200  
200

A RILEVATO  
C SCOTICO

m<sup>2</sup> 13.56  
m<sup>2</sup> 9.93



QUOTE  
TERRENO

PARZIALI  
TERRENO

QUOTE  
PROGETTO

PARZIALI  
PROGETTO

QUOTE  
SCOTICO

PARZIALI  
SCOTICO

224.55

224.79

224.85

225.48

225.74

226.22

226.47

226.68

226.83

226.88

226.79

226.75

1.62

2.40

1.68

1.52

1.38

0.70

2.04

2.11

2.46

2.51

1.58

224.87

228.35

228.35

225.30

225.30

5.22

3.00

4.56

4.29

224.87

224.66

224.65

225.60

225.59

226.83

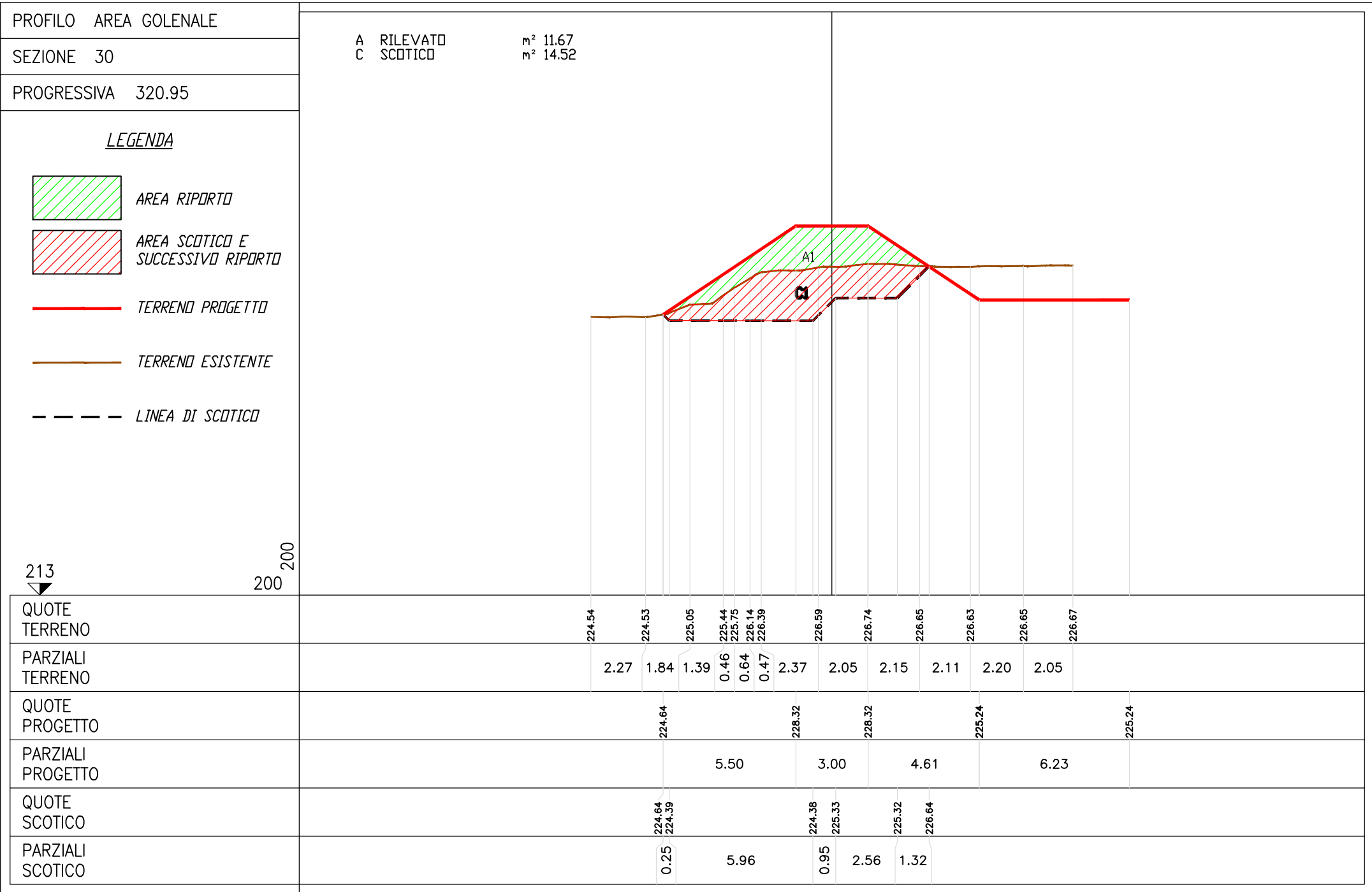
0.21

5.72

0.95

2.53

1.24

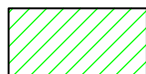


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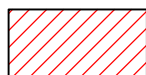
SEZIONE 31

PROGRESSIVA 326.02

LEGENDA



AREA RIPORTO



AREA SCOTICO E  
SUCCESSIVO RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE



LINEA DI SCOTICO

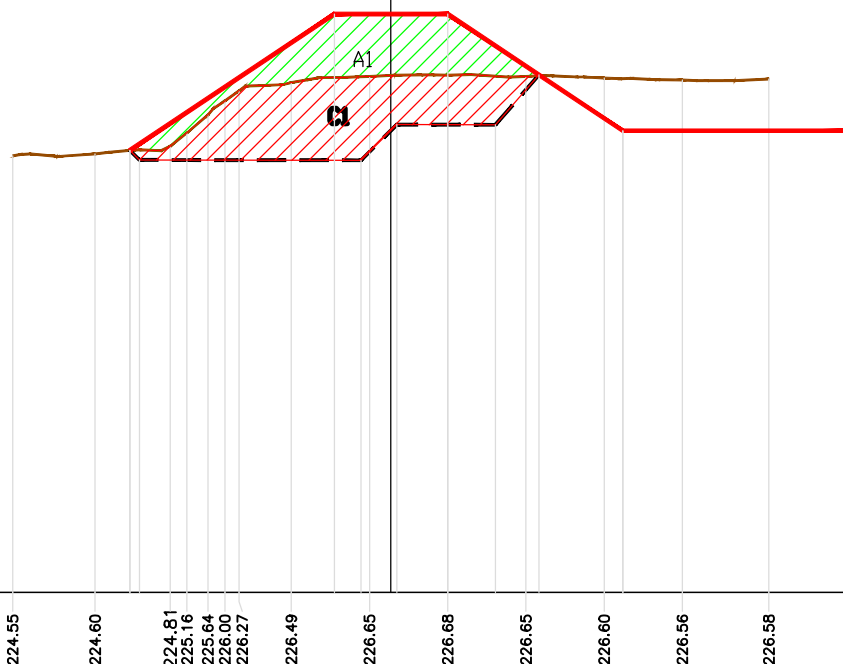
213



200  
200

A RILEVATO  
C SCOTICO

m<sup>2</sup> 10.53  
m<sup>2</sup> 14.83



QUOTE  
TERRENO

224.55 224.60 224.81 225.16 225.64 226.00 226.27 226.49 226.65 226.68 226.65 226.60 226.56 226.58

PARZIALI  
TERRENO

2.18 1.99 0.44 0.55 0.45 0.38 1.38 2.07 2.07 2.06 2.07 2.07 2.29

QUOTE  
PROGETTO

224.69 228.30 228.30 225.21 225.21

PARZIALI  
PROGETTO

5.40 3.00 4.64 6.22

QUOTE  
SCOTICO

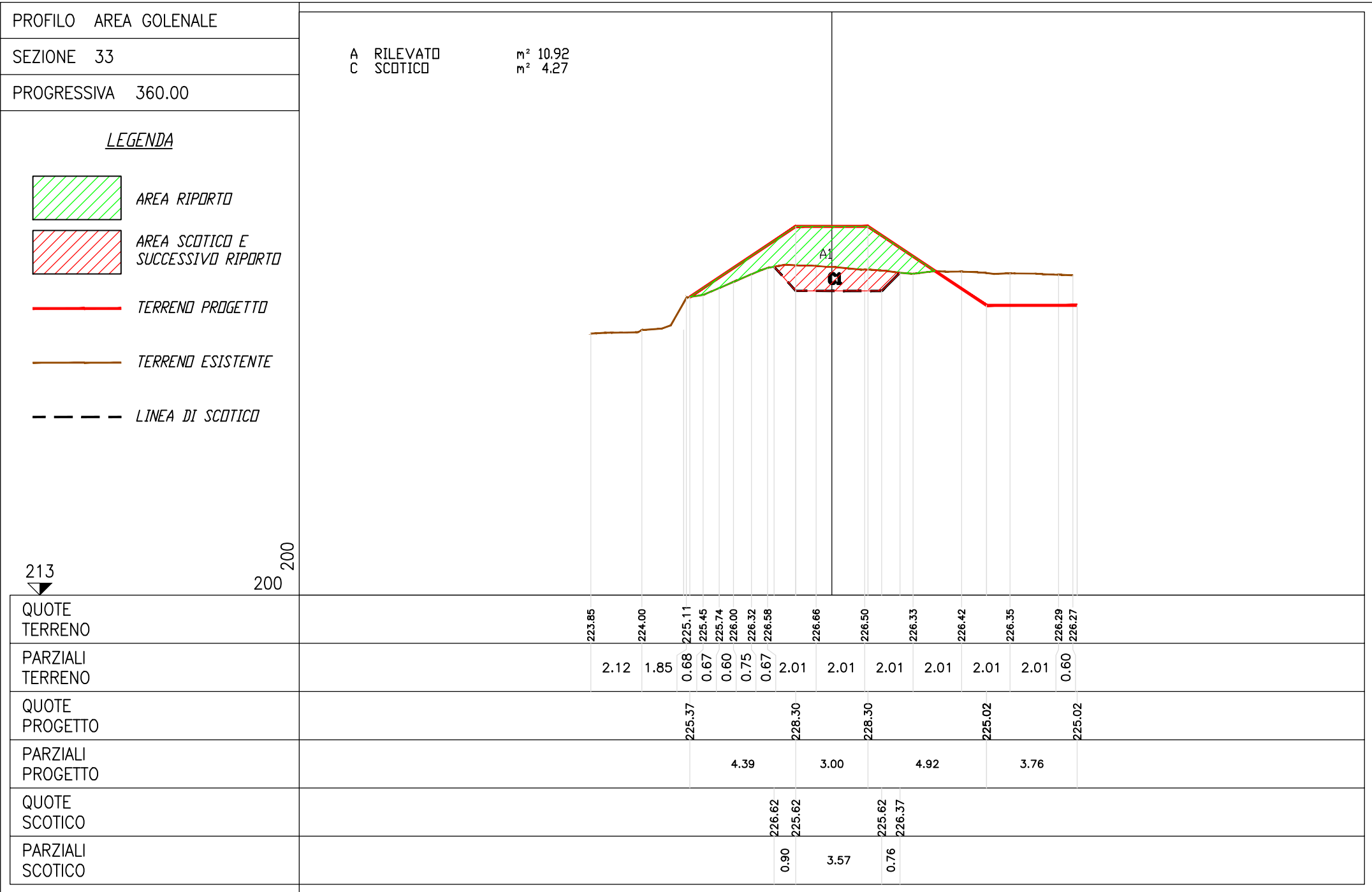
224.69 224.44 224.43 225.37 225.37 226.69

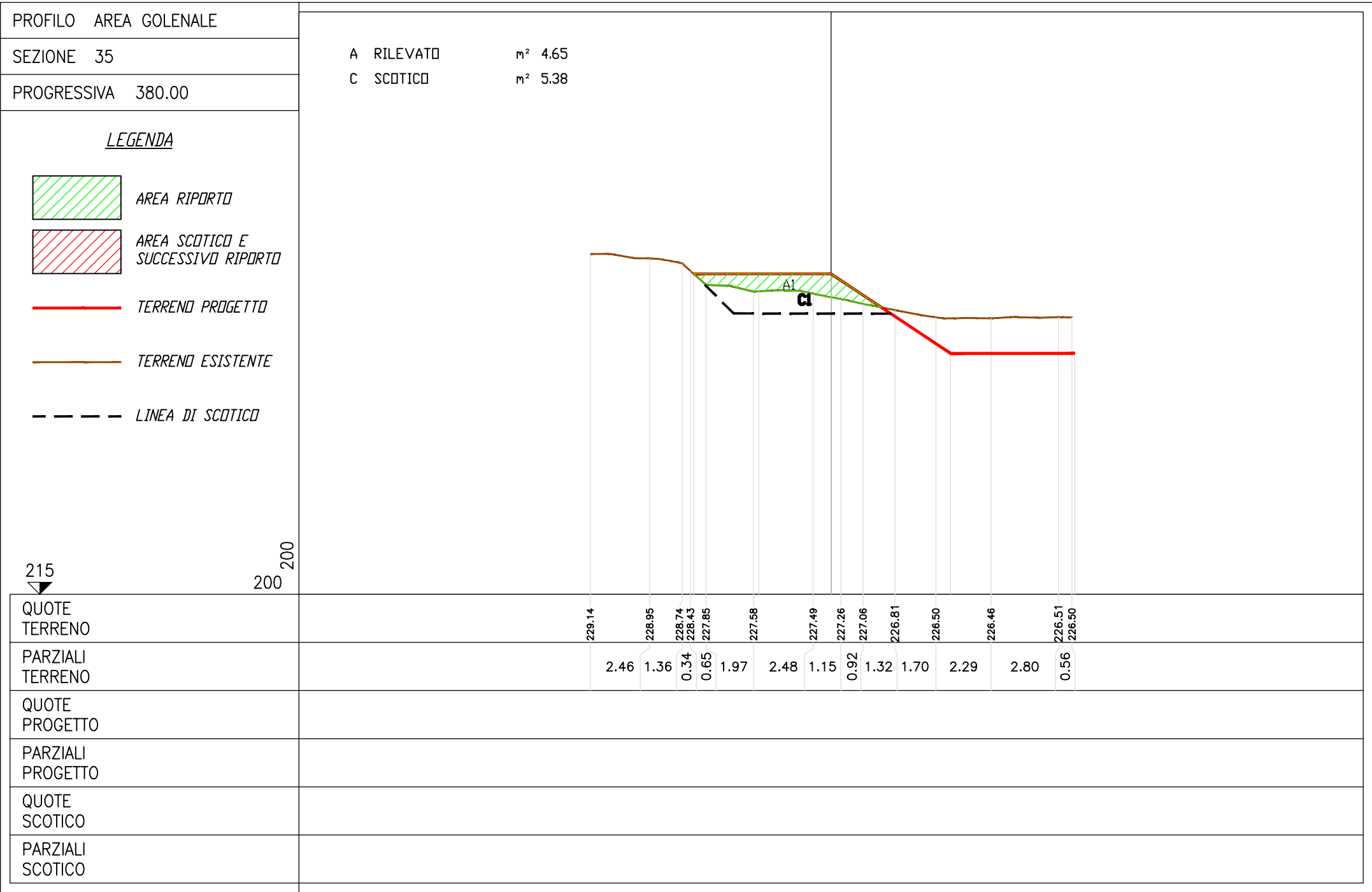
PARZIALI  
SCOTICO

0.25 5.86 0.95 2.60 1.16







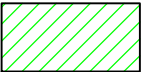


PROFILO LATO FERROVIA

SEZIONE 36

PROGRESSIVA 360.00

LEGENDA



AREA RIPORTO



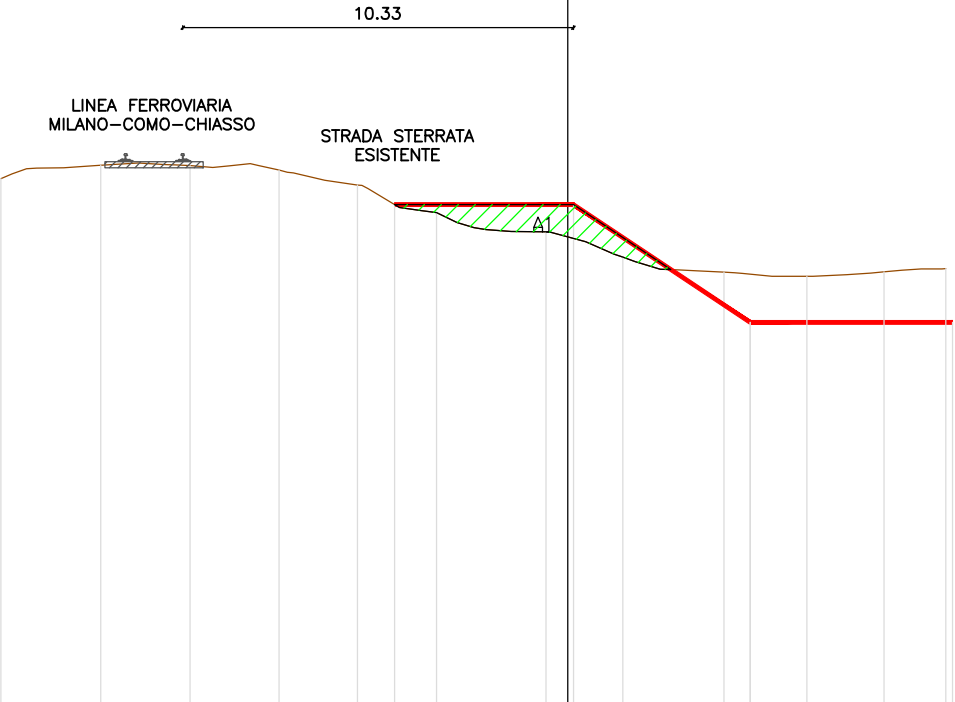
TERRENO PROGETTO



TERRENO ESISTENTE

215  
▼

200  
200



PROGRESSIVE  
TERRENO

-15.00 -12.35 -9.99 -7.64 -5.56 -3.47 -0.58 1.46 4.13 6.32 8.36 10.00

PARZIALI  
TERRENO

2.65 2.36 2.35 2.08 2.09 2.89 2.04 2.67 2.19 2.04 1.64

QUOTE  
TERRENO

228.99 229.34 229.33 229.22 228.82 228.09 227.58 226.92 226.52 226.40 226.52 226.60

PROGRESSIVE  
PROGETTO

-4.58 0.15 4.82 10.18

PARZIALI  
PROGETTO

4.73 4.67 5.36

QUOTE  
PROGETTO

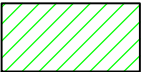
228.30 228.30 225.18 225.18

PROFILO LATO FERROVIA

SEZIONE 37

PROGRESSIVA 390.00

LEGENDA



AREA RIPORTO



TERRENO PROGETTO

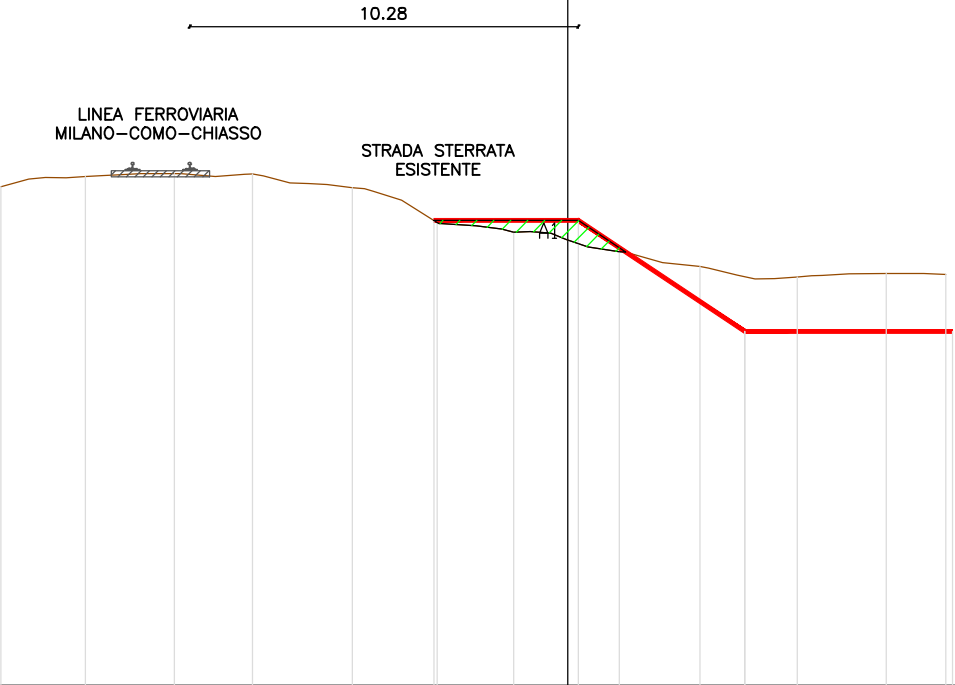


TERRENO ESISTENTE

216



200  
200



PROGRESSIVE  
TERRENO

-15.00  
-12.76  
-10.41  
-8.34  
-5.70  
-3.45  
-1.44  
1.36  
3.50  
6.07  
8.42  
10.00

PARZIALI  
TERRENO

2.24  
2.35  
2.07  
2.64  
2.25  
2.01  
2.80  
2.14  
2.57  
2.35  
1.58

QUOTE  
TERRENO

229.19  
229.46  
229.54  
229.53  
229.17  
228.25  
227.99  
227.47  
227.08  
226.81  
226.90  
226.88

PROGRESSIVE  
PROGETTO

-3.54  
0.28  
4.68  
10.18

PARZIALI  
PROGETTO

3.82  
4.40  
5.50

QUOTE  
PROGETTO

228.30  
228.30  
225.36  
225.36

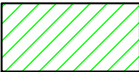
PROGRESSIVE TERRENO	-15.00	-12.22	-9.83	-7.64	-5.32	-3.04	-0.69	1.59	3.75	6.52	8.84	10.00
PARZIALI TERRENO	2.78	2.39	2.19	2.32	2.28	2.35	2.28	2.16	2.77	2.32	1.16	
QUOTE TERRENO	229.13	229.56	229.61	229.69	229.43	228.48	228.25	227.81	227.63	227.33	227.42	227.45
PROGRESSIVE PROGETTO						-2.48	0.41		4.55			10.18
PARZIALI PROGETTO							2.89	4.14		5.63		
QUOTE PROGETTO						228.30	228.30		225.54			225.54

PROFILO LATO FERROVIA

SEZIONE 39

PROGRESSIVA 450.00

LEGENDA



AREA RIPORTO



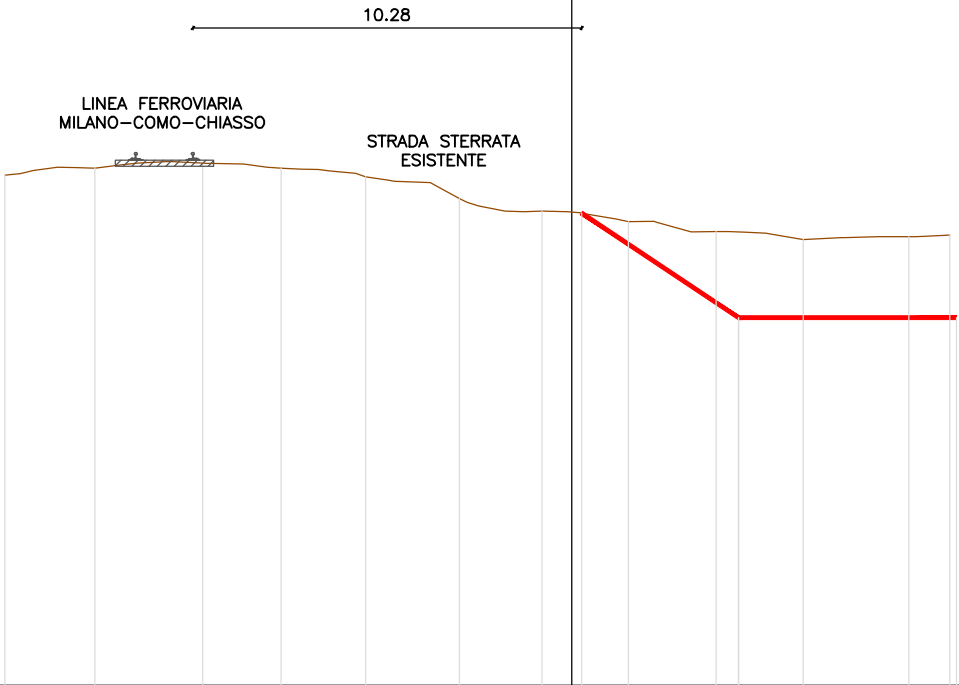
TERRENO PROGETTO



TERRENO ESISTENTE

216  
▼

200  
200



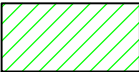
PROGRESSIVE TERRENO	-15.00	-12.62	-9.76	-7.69	-5.45	-2.97	-0.79	1.50	3.82	6.12	8.91	10.00
PARZIALI TERRENO	2.38	2.86	2.07	2.24	2.48	2.18	2.29	2.32	2.30	2.79	1.09	
QUOTE TERRENO	229.49	229.68	229.82	229.69	229.45	228.88	228.55	228.27	228.01	227.80	227.87	227.91
PROGRESSIVE PROGETTO							0.26		4.41			10.18
PARZIALI PROGETTO								4.15		5.77		
QUOTE PROGETTO							228.49		225.73			225.73

PROFILO LATO FERROVIA

SEZIONE 40

PROGRESSIVA 520.00

LEGENDA



AREA RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE

LINEA FERROVIARIA  
MILANO-COMO-CHIASSO

STRADA STERRATA  
ESISTENTE

11.81

217  
▼

200  
200

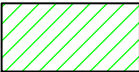
PROGRESSIVE TERRENO	-15.00	-12.75	-10.50	-8.10	-5.86	-3.71	-1.23	0.89	3.19	5.25	7.43	9.76	10.00
PARZIALI TERRENO	2.25	2.25	2.40	2.24	2.15	2.48	2.12	2.30	2.06	2.18	2.33	0.24	
QUOTE TERRENO	230.08	230.22	230.16	230.04	229.91	229.32	229.28	229.34	229.26	228.98	228.97	228.96	228.96
PROGRESSIVE PROGETTO								0.09		4.92			10.18
PARZIALI PROGETTO									4.83		5.26		
QUOTE PROGETTO								229.33		226.11		226.11	

PROFILO LATO FERROVIA

SEZIONE 41

PROGRESSIVA 600.00

LEGENDA



AREA RIPORTO



TERRENO PROGETTO



TERRENO ESISTENTE

217  
▼

200  
200

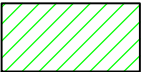
PROGRESSIVE TERRENO	-20.00	-17.79	-15.61	-13.10	-11.03	-9.03	-6.58	-4.14	-1.86	0.75	3.16	5.47	8.09	10.53	12.81	15.42	17.87	20.00
PARZIALI TERRENO	2.21	2.18	2.51	2.07	2.00	2.45	2.44	2.28	2.61	2.41	2.31	2.62	2.44	2.28	2.61	2.45	2.13	
QUOTE TERRENO	229.26	229.31	229.24	229.23	229.25	229.24	229.36	229.58	229.56	229.50	229.61	229.46	229.10	229.13	229.19	229.07	229.06	229.05
PROGRESSIVE PROGETTO										0.13		4.25		10.18				
PARZIALI PROGETTO											4.12		5.93					
QUOTE PROGETTO										229.46		226.72		226.72				

PROFILO LATO FERROVIA

SEZIONE 42

PROGRESSIVA 730.00

LEGENDA



AREA RIPORTO



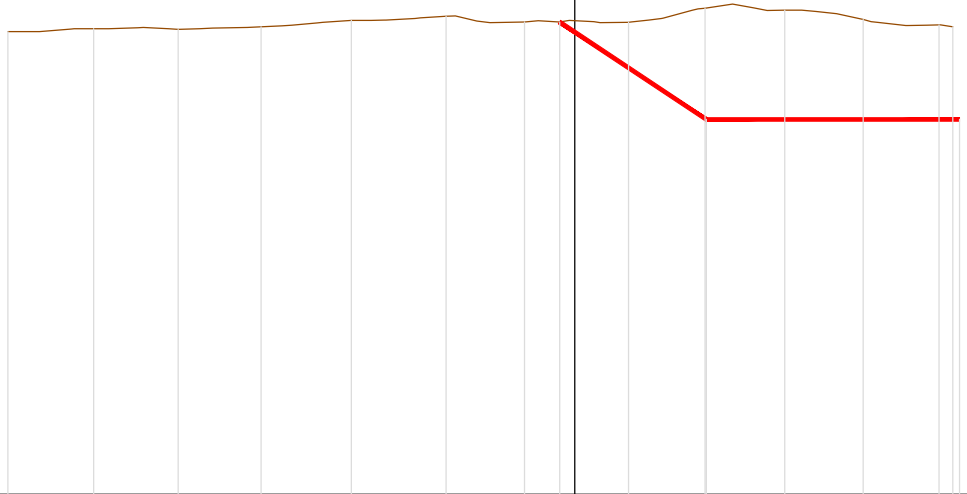
TERRENO PROGETTO



TERRENO ESISTENTE

217

200 200



PROGRESSIVE TERRENO	-15.00	-12.73	-10.49	-8.30	-5.91	-3.41	-1.33		1.42	3.44	5.56	7.63	9.63	10.00
PARZIALI TERRENO	2.27	2.24	2.19	2.39	2.50	2.08	2.75		2.02	2.12	2.07	2.00	0.37	
QUOTE TERRENO	229.25	229.32	229.30	229.37	229.54	229.65	229.49		229.48	229.86	229.81	229.57	229.42	229.37
PROGRESSIVE PROGETTO							-0.40			3.48				10.18
PARZIALI PROGETTO									3.88		6.70			
QUOTE PROGETTO							229.50			226.92			226.92	