



Anas SpA
Direzione Centrale Progettazione

CUP F2602000340001 CIG 652449686B



GARA CA 08/15 - NUOVA SS 554 CAGLIARITANA
ADEGUAMENTO DELL'ASSE ATTREZZATO URBANO ED ELIMINAZIONE
DELLE INTERSEZIONI A RASO DAL KM 1+500 AL KM 11+850

PROGETTO DEFINITIVO

SVINCOLI

PROGETTO STRADALE

SVINCOLO BARACCA MANNA - km.3+900 (SV01)

Quaderno delle sezioni - rampa 4

CODICE PROGETTO			CODICE ELABORATO					SCALA	DATA	24.24
progetto	liv.	numero	campo 1	campo 2	campo 3	campo 4	rev			
D P C A 0 6	D	1 5 0 1	V 0 2	P S 0 4	T R A	S Z 0 5	C	1:200	30/11/2019	

CONCORRENTE:



PROGETTISTA INDICATO COSTITUENDO R.T.P.

Capogruppo Mandataria R.T.P.



RESPONSABILE DELL'INTEGRAZIONE
FRA LE PRESTAZIONI SPECIALISTICHE
Ing. Paolo Cucino

Mandante



RESPONSABILE ELABORATO
Ing. Paolo Cucino

Mandante

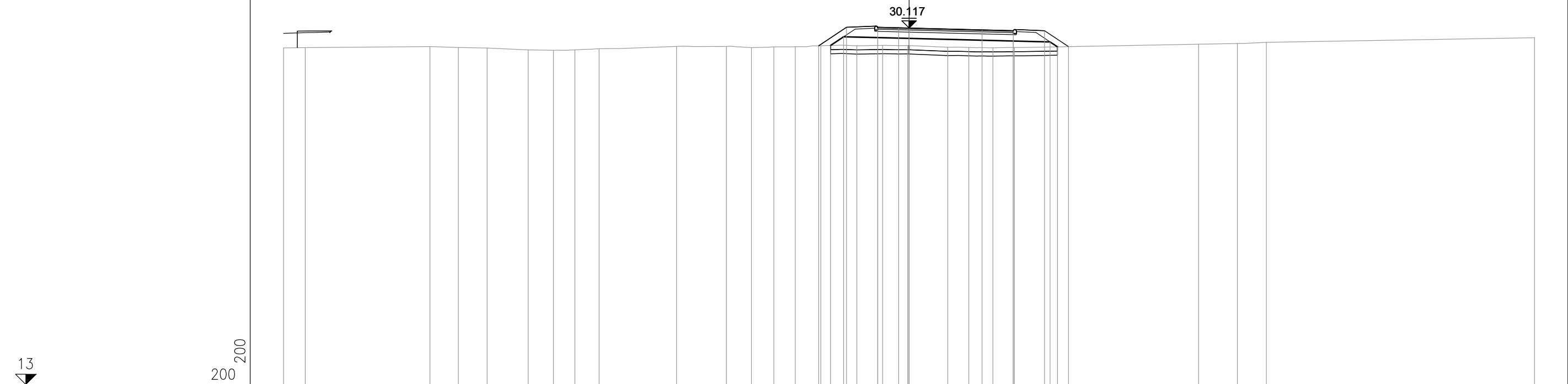
ING. FRANCESCA LEO

PROFILO SV01_RAMPA_4

SEZIONE 1

PROGRESSIVA 0.00

BA RILEVATO	m²	3.66
DB SCOTICO RILEVATO	m²	2.19
EA BONIFICA	m²	2.21
GA USURA 4	m²	0.29
GB BINDER 4	m²	0.38
GC BASE 4	m²	0.68
GD FONDAZIONE 4	m²	3.06
HA VEGETALE	m²	1.07
ge AREA PAVIMENT. 4	m	6.50
hb SUPERF. VEGETALE	m	5.83



PROGRESSIVE TERRENO	-30.00	-28.96		-22.98	-21.61	-20.24	-18.27	-17.06	-16.03	-14.86		-11.15	-8.76	-7.56	-6.49	-5.46	-4.23	-2.50	-1.27	-0.07	1.86	2.87	4.02	5.05			13.89	15.75	17.14		30.00
PARZIALI TERRENO	1.04		5.98	1.37	1.37	1.97	1.21	1.03	1.17		3.71	2.39	1.20	1.07	1.03	1.23	1.73	1.23	1.20	1.93	1.01	1.15	1.03		8.84		1.86	1.39		12.86	
QUOTE TERRENO	29.16	29.18		29.22	29.18	29.15	29.07	29.04	29.06	29.12		29.23	29.23	29.17	29.20	29.22	29.26	29.26	29.28	29.27	29.19	29.18	29.17	29.18			29.34	29.37	29.43		29.65
PROGRESSIVE PROGETTO																	-4.33	-3.00	-1.50	-0.50	0.00		3.50	5.00	6.50	7.65					
PARZIALI PROGETTO																	1.33	1.50	1.00	0.50	3.50		1.50	1.50	1.15						
QUOTE PROGETTO																	29.26	30.15	30.15	30.13	30.12		30.03	29.99	29.98	29.22					
PROGRESSIVE RILEVATO																	-3.77	-3.14	-1.50	0.00			5.00	6.77	7.12						
PARZIALI RILEVATO																	0.63	1.64	1.50		5.00		1.77	0.35							
QUOTE RILEVATO																	29.27	29.70	29.65	29.62			29.49	29.45	29.21						

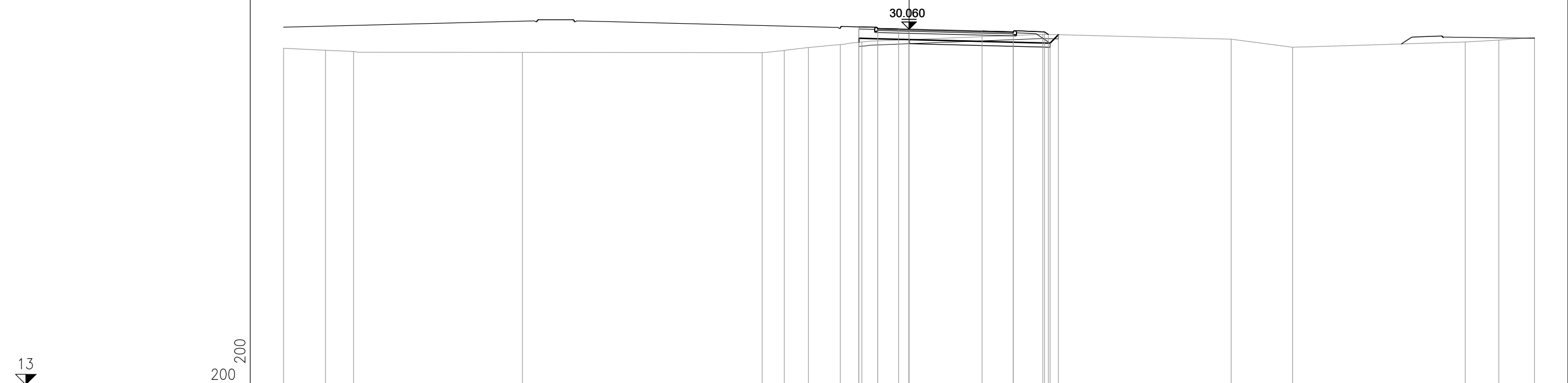
PROFILO SV01_RAMPA_4	
SEZIONE 2	
PROGRESSIVA 20.00	
BA RILEVATO m² 4.97 DB SCOTICO RILEVATO m² 2.36 EA BONIFICA m² 1.53 GA USURA 4 m² 0.27 GB BINDER 4 m² 0.43 GC BASE 4 m² 0.72 GD FONDAZIONE 4 m² 3.31 HA VEGETALE m² 1.16 ge AREA PAVIMENT. 4 m 7.17 hb SUPERF. VEGETALE m 6.05	
The diagram shows a cross-section of a road ramp. The top part shows the existing ground level (PROGRESSIVE TERRENO) and the proposed road surface (PROGRESSIVE PROGETTO). Below the road surface, there are several layers: BA Rilevato (existing base), DB Scotico Rilevato (existing drainage), EA Bonifica (existing improvement), GA Usura 4 (existing wear layer), GB Binder 4 (existing binder layer), GC Base 4 (existing base layer), GD Fondazione 4 (existing foundation layer), HA Vegetale (existing vegetation), ge Area Paviment. 4 (existing pavement area), and hb Superf. Vegetale (existing vegetation surface). The diagram includes elevation markers for each layer and the total height of the ramp.	
PROGRESSIVE TERRENO	-30.00 -28.76 -25.18 -15.66 -13.26 -10.89 -9.62 -8.56 -7.45 -5.89 -4.65 -3.48 -2.37 -0.89 15.45 16.46 17.52 19.81 24.96 25.99 27.62 30.00
PARZIALI TERRENO	1.24 3.58 9.52 2.40 2.37 1.27 1.06 1.11 1.56 1.24 1.17 1.11 1.48 16.34 1.01 1.06 2.29 5.15 1.03 1.63 2.38
QUOTE TERRENO	28.74 28.72 28.83 28.77 28.77 28.77 28.78 28.79 28.81 28.88 28.91 28.89 28.91 28.91 29.37 29.38 29.36 29.33 29.33 29.44 29.47 29.55
PROGRESSIVE PROGETTO	-4.66 -3.00 -1.50 -0.50 0.00 3.50 5.67 7.17 8.18
PARZIALI PROGETTO	1.66 1.50 1.00 0.50 3.50 2.17 1.50 1.01
QUOTE PROGETTO	28.91 30.02 30.03 30.00 29.99 29.90 29.85 29.84 29.17
PROGRESSIVE RILEVATO	-4.12 -3.14 -1.50 0.00 5.67 7.44 7.66
PARZIALI RILEVATO	0.98 1.64 1.50 5.67 1.77 0.22
QUOTE RILEVATO	28.91 29.57 29.53 29.49 29.35 29.30 29.15

PROFILO SV01_RAMPA_4

SEZIONE 3

PROGRESSIVA 40.00

AA SCAVO m² 1.52
BA RILEVATO m² 0.20
DA SCOTICO SCAVO m² 1.43
DB SCOTICO RILEVATO m² 0.49
EA BONIFICA m² 1.35
GA USURA 4 m² 0.23
GB BINDER 4 m² 0.39
GC BASE 4 m² 0.66
GD FONDAZIONE 4 m² 2.95
HA VEGETALE m² 0.45
ge AREA PAVIMENT. 4 m 6.50
hb SUPERF. VEGETALE m 2.46



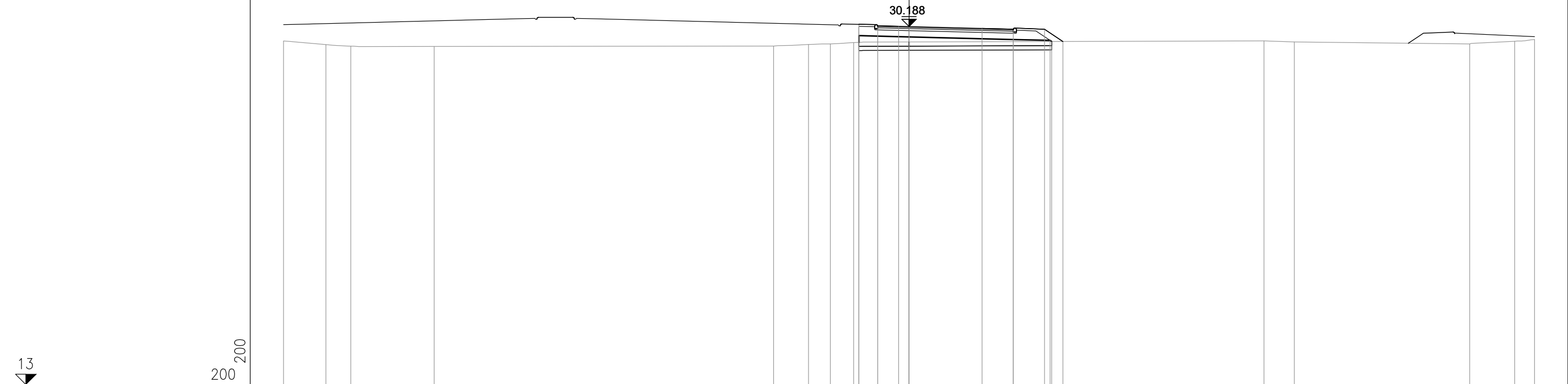
PROGRESSIVE TERRENO	-30.00	-27.99	-26.65		-18.54			-7.05	-5.99	-4.83	-3.30	-2.27				6.42			15.45	18.39			26.68	28.29	30.00
PARZIALI TERRENO	2.01	1.34		8.11		11.49		1.06	1.16	1.53	1.03		8.69		9.03		2.94		8.29		1.61	1.71			
QUOTE TERRENO	29.14	29.05	28.99		28.95			28.93	29.04	29.18	29.32	29.45				29.81		29.58	29.19			29.44	29.53	29.66	
PROGRESSIVE PROGETTO											-2.40	-1.50	-0.50	0.00		3.50	5.00	6.50	6.68						
PARZIALI PROGETTO											0.90	1.00	0.50		3.50	1.50	1.50	0.18							
QUOTE PROGETTO											30.17	30.10	30.07	30.06		29.97	29.94	29.93	29.81						
PROGRESSIVE RILEVATO											-2.40	-2.40	-1.50	0.00			5.00	6.76	7.17						
PARZIALI RILEVATO											0.90	1.50		5.00		1.76	0.41								
QUOTE RILEVATO											29.43	29.62	29.60	29.56		29.44	29.39	29.79							

PROFILO SV01_RAMPA_4

SEZIONE 5

PROGRESSIVA 80.00

BA RILEVATO m² 1.65
DB SCOTICO RILEVATO m² 1.85
EA BONIFICA m² 1.36
GA USURA 4 m² 0.26
GB BINDER 4 m² 0.39
GC BASE 4 m² 0.67
GD FONDAZIONE 4 m² 2.93
HA VEGETALE m² 0.51
ge AREA PAVIMENT. 4 m 6.50
hb SUPERF. VEGETALE m 3.30



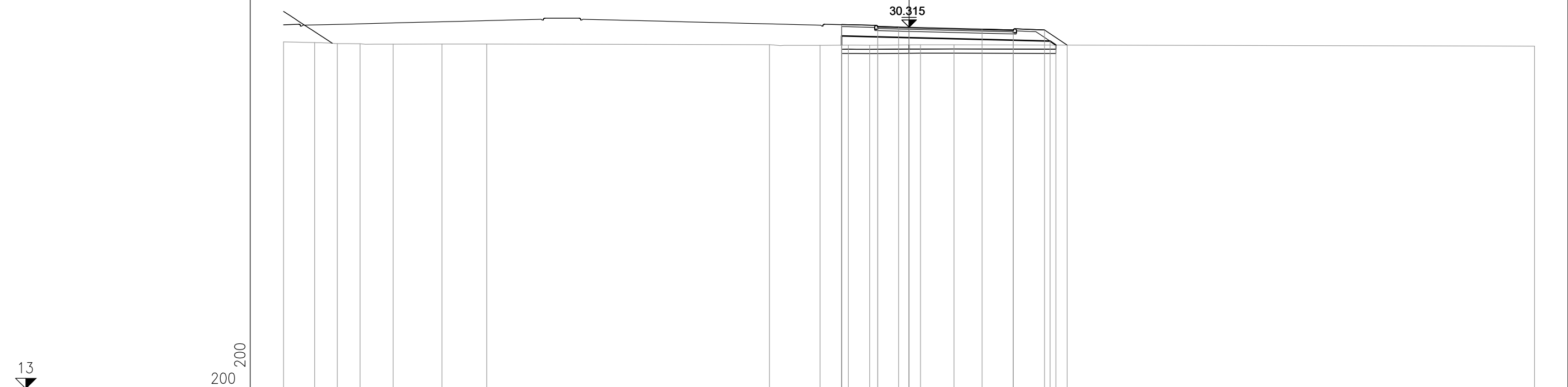
PROGRESSIVE TERRENO	-30.00	-27.97	-26.78	-22.78	-6.50	-4.82	-3.78	-2.65	17.03	18.48	26.89	29.05	30.00
PARZIALI TERRENO	2.03	1.19	4.00	16.28	1.68	1.04	1.13	19.68	1.45	8.41	2.16	0.95	
QUOTE TERRENO	29.49	29.32	29.24	29.23	29.25	29.33	29.35	29.41	29.50	29.45	29.35	29.48	29.56
PROGRESSIVE PROGETTO								-2.40					
PARZIALI PROGETTO								0.90	3.50	1.50	1.50	0.88	
QUOTE PROGETTO								30.30	30.10	30.06	30.06	29.47	
PROGRESSIVE RILEVATO								-2.40					
PARZIALI RILEVATO								0.90	5.00	1.76	0.08		
QUOTE RILEVATO								29.75	29.56	29.52	29.47		

PROFILO SV01_RAMPA_4

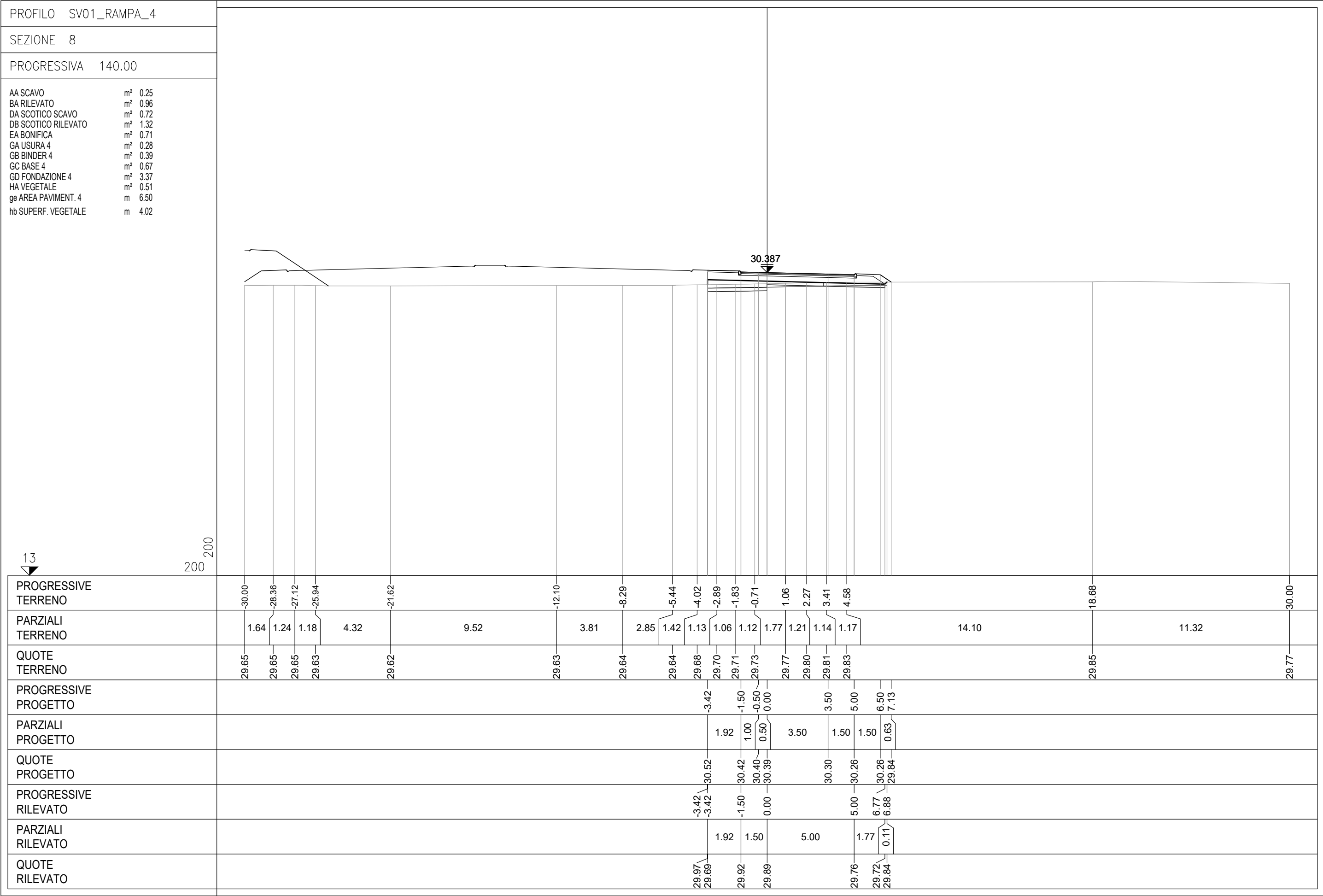
SEZIONE 7

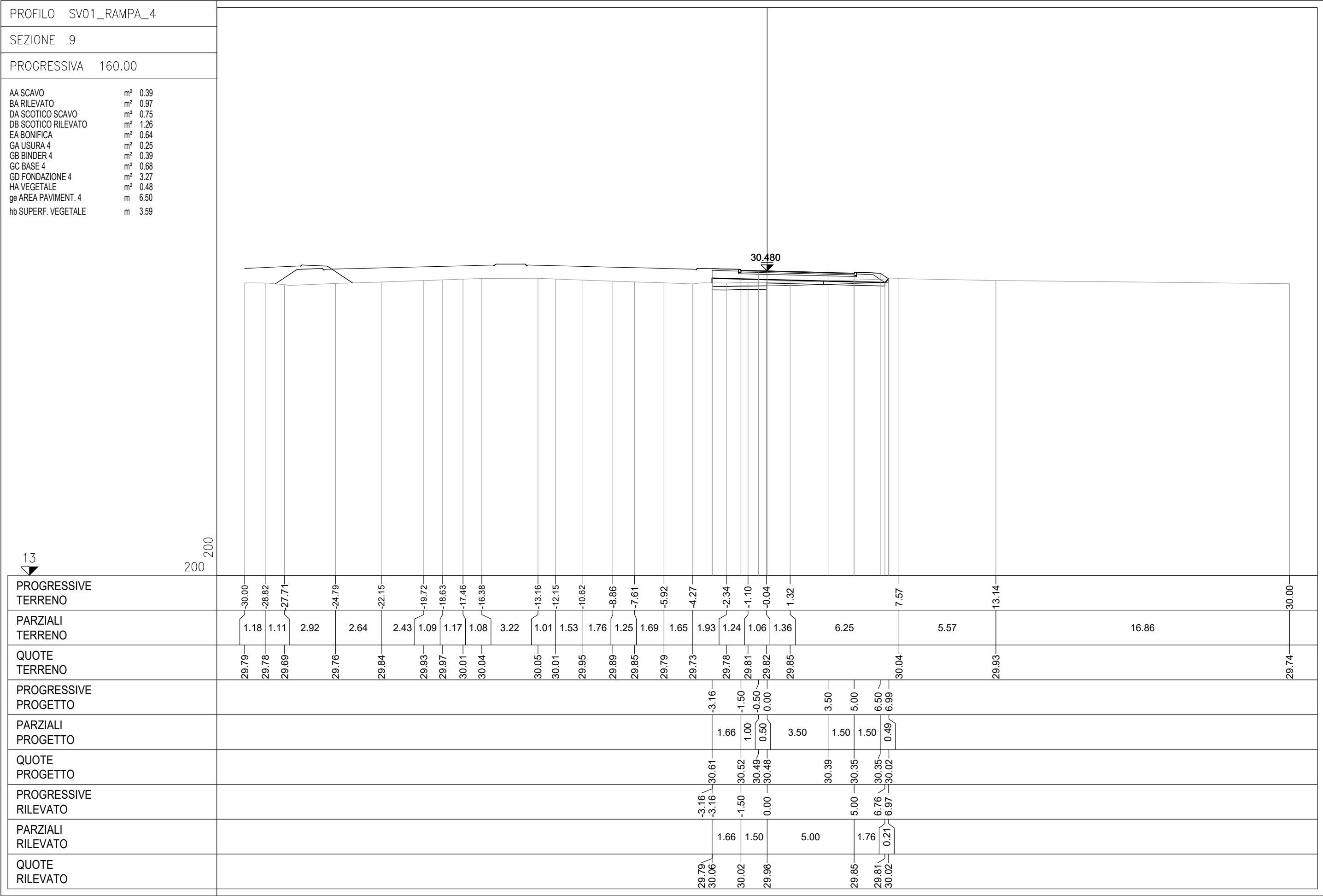
PROGRESSIVA 120.00

BA RILEVATO m² 3.11
DB SCOTICO RILEVATO m² 2.07
EA BONIFICA m² 0.65
GA USURA 4 m² 0.28
GB BINDER 4 m² 0.38
GC BASE 4 m² 0.67
GD FONDAZIONE 4 m² 3.28
HA VEGETALE m² 0.64
ge AREA PAVIMENT. 4 m 6.50
hb SUPERF. VEGETALE m 4.38



PROGRESSIVE TERRENO	-30.00	-28.51	-27.43	-26.33	-24.75	-22.40	-20.26	-6.69	-4.27	-2.91	-1.89	0.55	2.16	30.00
PARZIALI TERRENO	1.49	1.08	1.10	1.58	2.35	2.14	13.57	2.42	1.36	1.02	2.44	1.61	27.84	
QUOTE TERRENO	29.61	29.58	29.53	29.52	29.50	29.51	29.51	29.48	29.45	29.46	29.45	29.47	29.47	29.41
PROGRESSIVE PROGETTO									-3.23	-1.50	-0.50	0.00	3.50	
PARZIALI PROGETTO									1.73	1.00	0.50	3.50	1.50	
QUOTE PROGETTO									30.44	30.35	30.33	30.32	30.23	
PROGRESSIVE RILEVATO									-3.23	-1.50	0.00	5.00	6.77	
PARZIALI RILEVATO									1.73	1.50	5.00	1.77	0.27	
QUOTE RILEVATO									29.46	29.85	29.82	29.69	29.65	



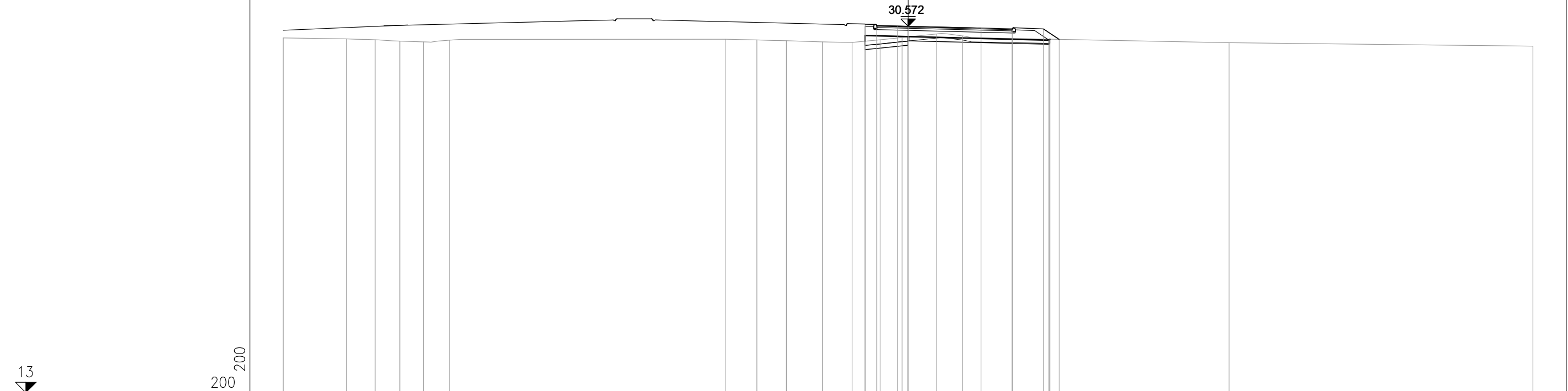


PROFILO SV01_RAMPA_4

SEZIONE 10

PROGRESSIVA 180.00

AA SCAVO	m²	0.44
BA RILEVATO	m²	0.29
DA SCOTICO SCAVO	m²	1.34
DB SCOTICO RILEVATO	m²	0.44
EA BONIFICA	m²	0.40
GA USURA 4	m²	0.22
GB BINDER 4	m²	0.40
GC BASE 4	m²	0.68
GD FONDAZIONE 4	m²	2.79
HA VEGETALE	m²	0.41
ge AREA PAVIMENT. 4	m	6.50
hb SUPERF. VEGETALE	m	2.81

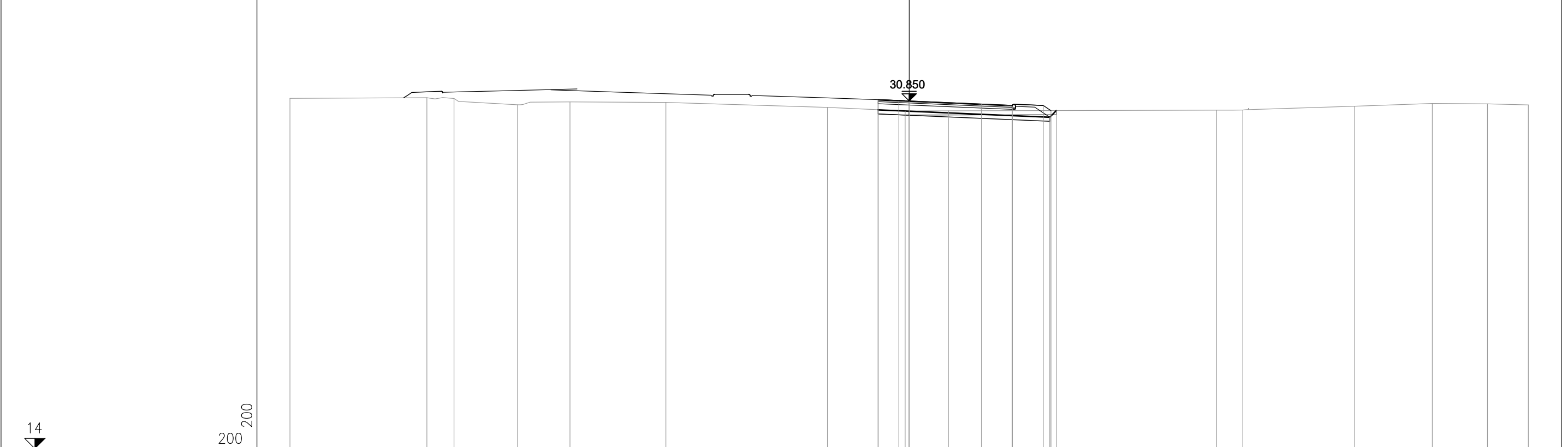


PROGRESSIVE TERRENO	-30.00	-26.97	-25.59	-24.41	-23.27	-22.02		-8.75	-7.26	-5.84	-4.12	-2.69	-1.34	-0.29	1.37	2.61		15.41	30.00
PARZIALI TERRENO	3.03	1.38	1.18	1.14	1.25		13.27	1.49	1.42	1.72	1.43	1.35	1.05	1.66	1.24		12.80	14.59	
QUOTE TERRENO	30.01	29.97	29.92	29.86	29.82	29.90		29.94	29.91	29.88	29.82	29.80	29.92	30.03	30.20	30.11		29.78	29.62
PROGRESSIVE PROGETTO													-2.06	-1.50	-0.50	0.00	3.50	5.00	6.50
PARZIALI PROGETTO													0.56	1.00	0.50	3.50	1.50	1.50	0.75
QUOTE PROGETTO													30.67	30.61	30.58	30.57	30.48	30.45	30.44
PROGRESSIVE RILEVATO													-2.06	-1.50	0.00		5.00	6.76	6.81
PARZIALI RILEVATO													0.56	1.50		5.00	1.76	0.05	
QUOTE RILEVATO													30.12	29.85	30.11	30.07	29.95	29.90	29.95

PROFILO SV01_RAMPA_4	
SEZIONE 12	
PROGRESSIVA 220.00	
AA SCAVO m² 1.06 BA RILEVATO m² 0.37 DA SCOTICO SCAVO m² 1.10 DB SCOTICO RILEVATO m² 0.62 EA BONIFICA m² 0.30 GA USURA 4 m² 0.28 GB BINDER 4 m² 0.39 GC BASE 4 m² 0.66 GD FONDAZIONE 4 m² 2.55 HA VEGETALE m² 0.35 ge AREA PAVIMENT. 4 m 6.50 hb SUPERF. VEGETALE m 1.88	
14 200 200 30.756	
PROGRESSIVE TERRENO	-30.00-27.18-26.10-25.03-23.72-22.54-21.24-20.13-17.98-15.92-12.55-7.12-4.300.253.354.5311.0512.4315.4717.3719.2820.5721.5724.0527.2230.00
PARZIALI TERRENO	2.821.081.071.311.181.301.112.152.063.375.432.824.553.101.186.521.383.041.901.911.291.002.483.172.78
QUOTE TERRENO	30.6630.6330.5730.5230.4630.4030.3230.2630.2430.2330.2030.1730.1530.1130.3130.3730.2930.2730.2230.2130.1930.1730.1530.1030.0930.09
PROGRESSIVE PROGETTO	-1.50-1.500.003.505.006.506.88
PARZIALI PROGETTO	1.000.503.501.501.500.38
QUOTE PROGETTO	30.8030.7730.7630.6530.6030.5930.34
PROGRESSIVE RILEVATO	-1.50-1.500.005.006.787.08
PARZIALI RILEVATO	1.505.001.780.30
QUOTE RILEVATO	30.3030.1330.2630.1030.0430.34

PROFILO	SV01_RAMPA_4
SEZIONE	14
PROGRESSIVA	260.00

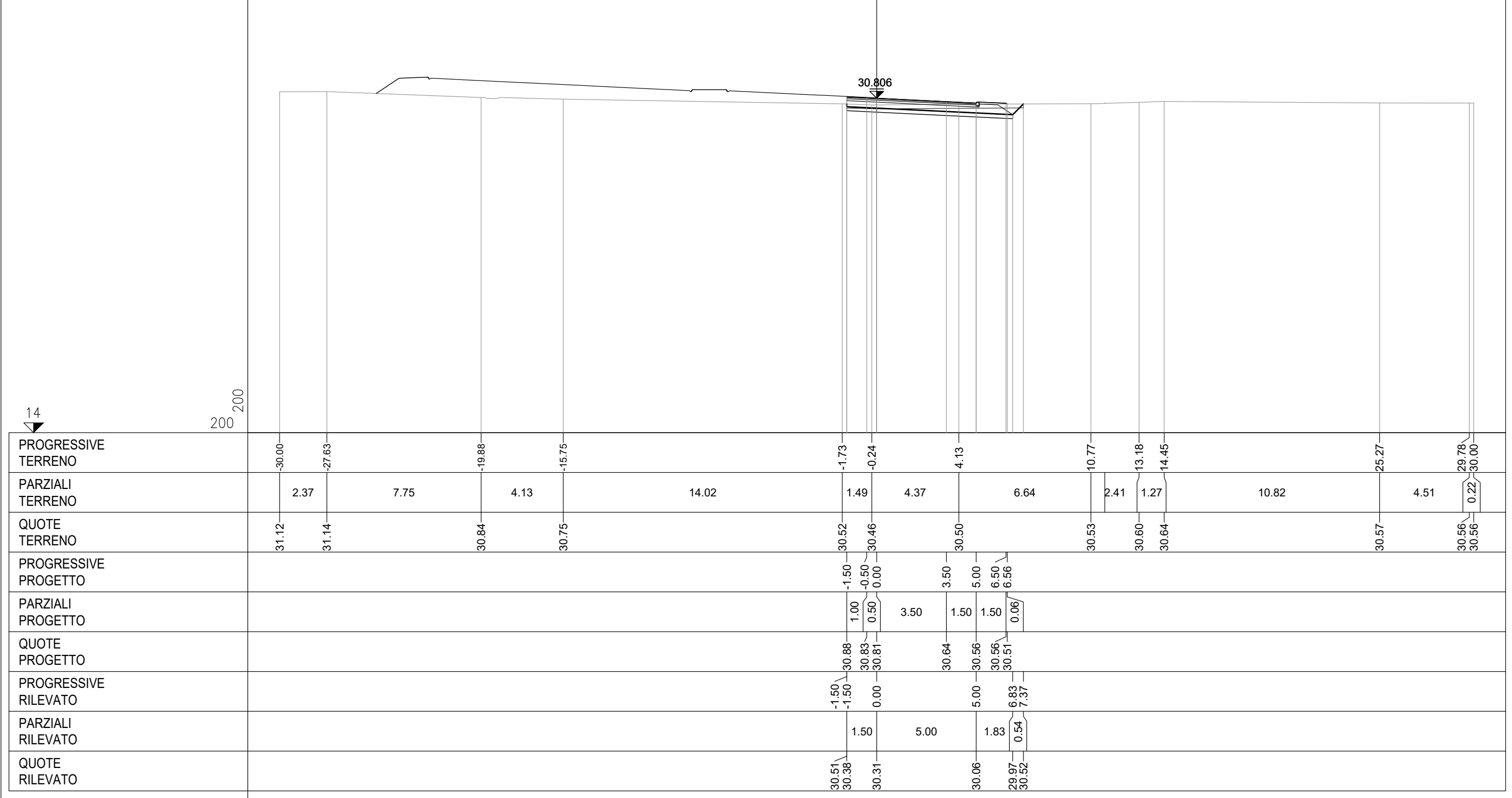
AA SCAVO	m²	1.21
DA SCOTICO SCAVO	m²	1.73
EA BONIFICA	m²	1.67
GA USURA 4	m²	0.26
GB BINDER 4	m²	0.39
GC BASE 4	m²	0.67
GD FONDAZIONE 4	m²	2.59
HA VEGETALE	m²	0.35
ge AREA PAVIMENT. 4	m	6.50
hb SUPERF. VEGETALE	m	1.88



PROGRESSIVE TERRENO	-30.00	-23.37	-22.05	-18.97	-16.43	-11.79	-3.96	-0.20	1.90		14.89	16.17	21.59	25.35	28.02	30.00
PARZIALI TERRENO	6.63	1.32	3.08	2.54	4.64	7.83	3.76	2.10	12.99	1.28	5.42	3.76	2.67	1.98		
QUOTE TERRENO	30.97	31.01	30.96	30.66	30.80	30.78	30.53	30.36	30.37		30.40	30.41	30.59	30.73	30.71	30.66
PROGRESSIVE PROGETTO								-1.50	-0.50	0.00	3.50	5.00	6.50	6.88		
PARZIALI PROGETTO								1.00	0.50	3.50	1.50	1.50	0.38			
QUOTE PROGETTO								30.91	30.87	30.85	30.70	30.64	30.63	30.38		
PROGRESSIVE RILEVATO								-1.50	-1.50	0.00	5.00	6.82	7.14			
PARZIALI RILEVATO								1.50	5.00	1.82	0.32					
QUOTE RILEVATO								30.41	30.42	30.35	30.14	30.06	30.38			

PROFILO	SV01_RAMPA_4
SEZIONE	15
PROGRESSIVA	280.00

AA SCAVO	m²	2.76
DA SCOTICO SCAVO	m²	1.76
EA BONIFICA	m²	1.67
GA USURA 4	m²	0.27
GB BINDER 4	m²	0.39
GC BASE 4	m²	0.66
GD FONDAZIONE 4	m²	2.58
HA VEGETALE	m²	0.49
ge AREA PAVIMENT. 4	m	6.50
hb SUPERF. VEGETALE	m	1.51

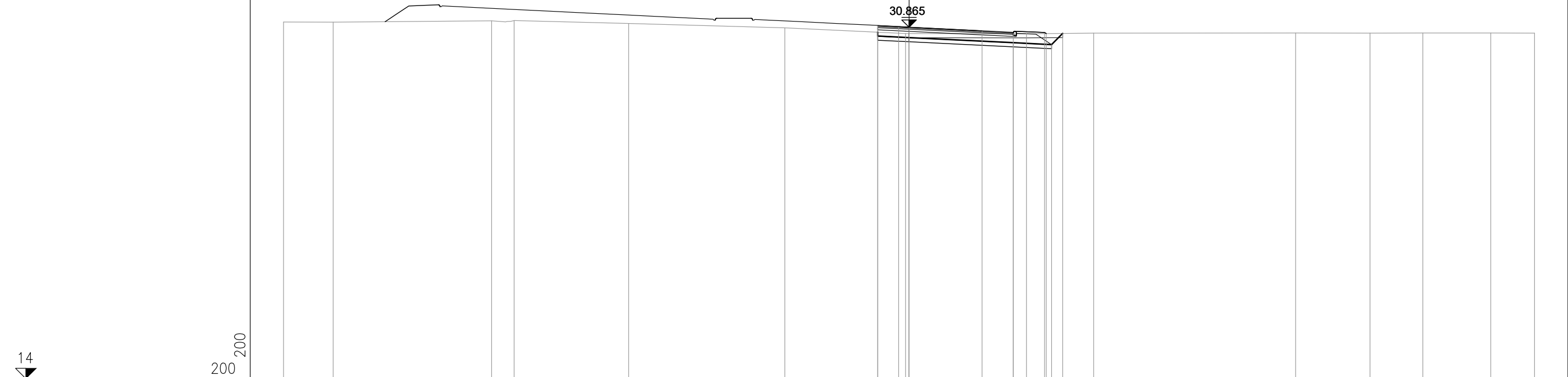


PROFILO SV01_RAMPA_4

SEZIONE 16

PROGRESSIVA 300.00

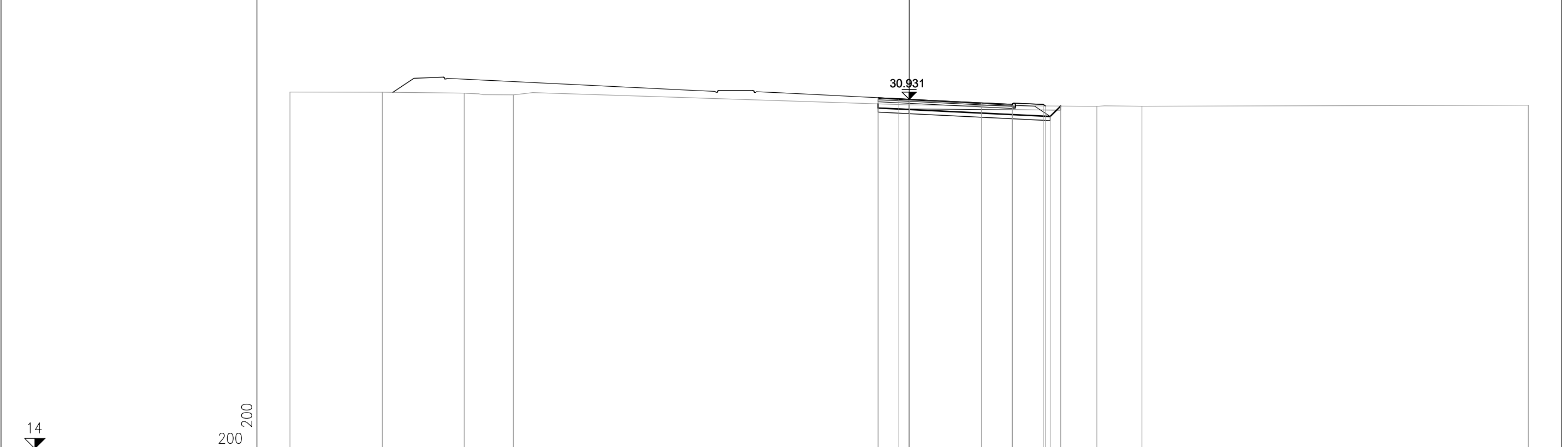
AA SCAVO m² 2.84
DA SCOTICO SCAVO m² 1.78
EA BONIFICA m² 1.67
GA USURA 4 m² 0.24
GB BINDER 4 m² 0.39
GC BASE 4 m² 0.66
GD FONDAZIONE 4 m² 2.58
HA VEGETALE m² 0.49
ge AREA PAVIMENT. 4 m 6.50
hb SUPERF. VEGETALE m 1.51



PROGRESSIVE TERRENO	30.00	27.62		20.02	18.94		13.45		5.96		0.17		5.64		8.85		18.55		22.11		24.65		27.90		30.00
PARZIALI TERRENO	2.38		7.60	1.08		5.49		7.49		5.79		5.81		3.21		9.70		3.56		2.54		3.25		2.10	
QUOTE TERRENO	31.11	31.10		31.17	31.18		31.04		30.84		30.56		30.55		30.58		30.59		30.58		30.59		30.58		30.58
PROGRESSIVE PROGETTO											-1.50	-0.50	0.00	3.50	5.00	6.50	6.58								
PARZIALI PROGETTO											1.00	0.50	3.50	1.50	1.50	0.08									
QUOTE PROGETTO											30.94	30.89	30.87	30.69	30.62	30.61	30.56								
PROGRESSIVE RILEVATO											-1.50	-1.50	0.00		5.00	6.83	7.37								
PARZIALI RILEVATO											1.50		5.00		1.83	0.54									
QUOTE RILEVATO											30.44	30.62	30.37		30.12	30.03	30.57								

PROFILO	SV01_RAMPA_4
SEZIONE	17
PROGRESSIVA	320.00

AA SCAVO	m²	3.00
DA SCOTICO SCAVO	m²	1.77
EA BONIFICA	m²	1.67
GA USURA 4	m²	0.30
GB BINDER 4	m²	0.39
GC BASE 4	m²	0.65
GD FONDAZIONE 4	m²	2.58
HA VEGETALE	m²	0.46
ge AREA PAVIMENT. 4	m	6.50
hb SUPERF. VEGETALE	m	1.55



PROGRESSIVE TERRENO	-30.00	-25.53	-21.56	-19.18		0.02		9.10	11.28		30.00
PARZIALI TERRENO	4.47	3.97	2.38		19.20		9.08	2.18		18.72	
QUOTE TERRENO	31.28	31.27	31.23	31.14		30.66		30.59	30.59		30.64
PROGRESSIVE PROGETTO						-1.50	-0.50	0.00	3.50	5.00	6.50
PARZIALI PROGETTO						1.00	0.50	3.50	1.50	1.50	0.11
QUOTE PROGETTO						31.00	30.96	30.93	30.76	30.68	30.61
PROGRESSIVE RILEVATO						-1.50	-1.50	0.00	5.00	6.83	7.34
PARZIALI RILEVATO						1.50	5.00	1.83	0.51		
QUOTE RILEVATO						30.50	30.71	30.43	30.18	30.09	30.60