GRUPPO FS ITALIANE

Direzione Tecnica

S.S. n°1 AURELIA
VARIANTE ALL'ABITATO DI IMPERIA
LOTTO 1
DA SVINCOLO TORRENTE PRINO A SVINCOLO IMPERO

PROGETTO DEFINITIVO

COD. GE271

PROGETTAZIONE:
RAGGRUPPAMENTO
TEMPORANEO PROGETTISTI

MANDATARIA: PRO ITER Progetto Infrastrutture Territorio s.r.l.

MANDANTI: delta ingegneria; ViA INGEGNERIA

IL RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:
Ing. Riccardo Formichi – Società Pro Iter Srl
Ordine Ingegneri Provincia di Milano n. 18045

IL GEOLOGO:
Geol. Massimo Mezzanzanica – Società Pro Iter Srl
Ordine Geologi Regione Lombardia n. A762

IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:
Ing. Matteo Di Girolamo – Società VIA Ingegneria Srl
Ordine Ingegneri Provincia di Roma n. n° 15138

VISTO: IL RESP. DEL PROCEDIMENTO:
Ing. Fabrizio Cardone

PROTOCOLLO: | DATA:

IL PROGETTISTA:
Ing. Massimo Capasso – Società VIA Ingegneria Srl
Ordine Ingegneri Provincia di Roma n. A 26031

ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI MILANO – DOTT.ING. FORMICHI RICCARDO – Sez.A – Settori: a) civile e ambientale b) industriale c) dell'informazione – n°A 18045

ING. MASSIMO CAPASSO – ORDINE INGEGNERI ROMA – A 25031 – settore a-b-c

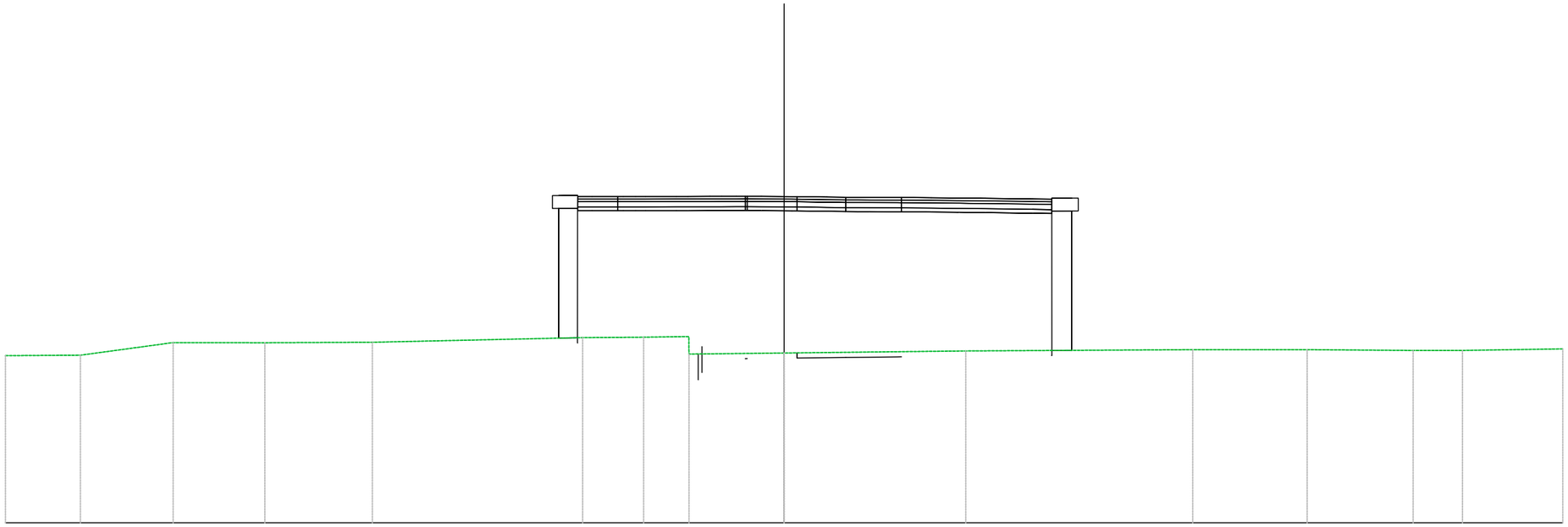
05 PROGETTO STRADALE
05.02 – ASSE PRINCIPALE
Sezioni trasversali – Fascicolo – Tratta 3

CODICE PROGETTO	NOME FILE	REVISIONE	SCALA
PROGETTO: DPGE2710 – LIV. PROG.: D 23	P01PS00TRASZ03_A		
	CODICE ELAB.: P01PS00TRASZ03	A	1:200

REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
D					
C					
B					
A	EMISSIONE	GEN 2024	F. DOSMI	M. CAPASSO	R. FORMICHI

Materiali – Progr.0+022.21	
Materiale	**Area (m^2)**
Base	1.83
Fondazione	2.74
Rilevato	96.82
Scavo	0.00
Scotico	0.00
Sottobase	3.65
Terreno vegetale	0.00
Usura+Binder	1.83

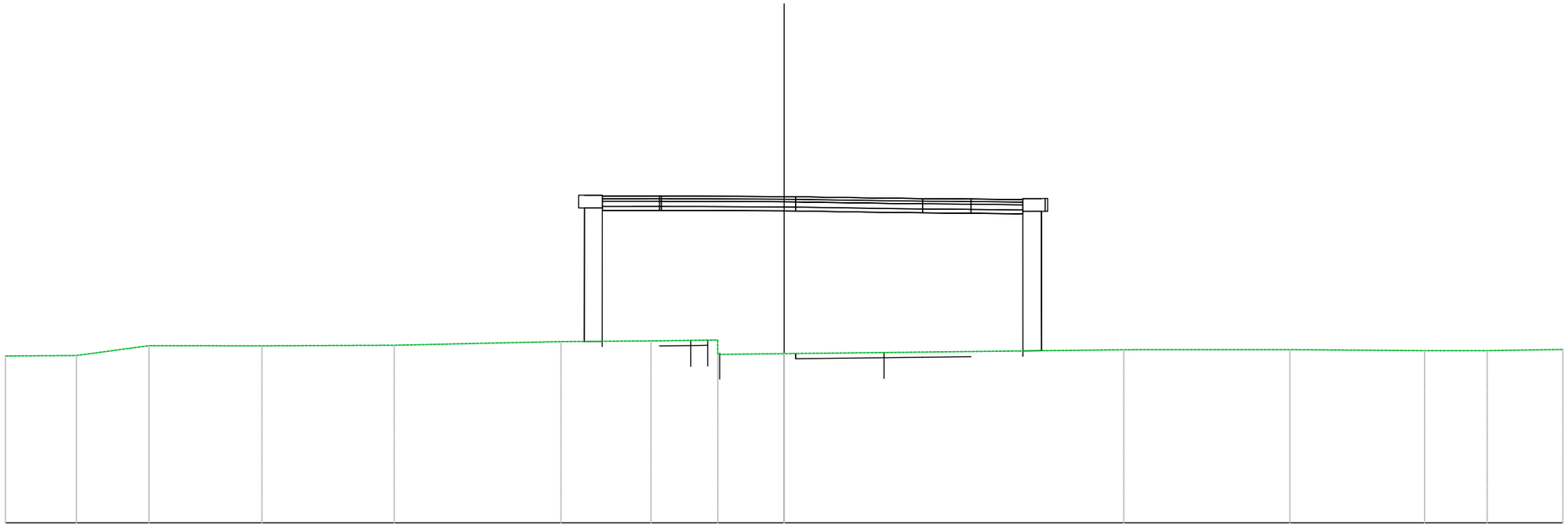
Sez. 3_02
Progr.: 0+022.21
Scala : 1:200
Q.Rif. : 10.00



PROGRESSIVE TERRENO	-30.00	-27.12	-23.54	-20.01	-15.87	-7.77	-5.42	-3.67	0.00	7.00	15.74	20.15	24.24	26.14	30.00
PARZIALI TERRENO		2.88	3.57	3.53	4.14	8.10	2.35	1.74	0.00	3.67	7.00	8.75	4.41	4.09	1.90	3.86
QUOTE TERRENO	16.44	16.46	16.94	16.94	16.96	17.13	17.15	16.50	16.54	16.62	16.67	16.67	16.64	16.64	16.70	
PROGRESSIVE PROGETTO						-7.96	-7.40	-5.93	-4.86	-3.71	-2.71	-1.42	0.00	1.23	2.32	3.35	4.37	5.38	6.67	7.75	8.89	10.31
PARZIALI PROGETTO						0.44	0.67	0.48	0.47	0.44	0.53	0.47	0.47	0.47	0.45	0.50	0.59	0.59				
QUOTE PROGETTO						22.57	22.57	22.57	22.58	22.58	22.58	22.57	22.56	22.54	22.54	22.54	22.53	22.52	22.50	22.49	22.47	
QUOTE SOTTOFONDO						17.13	22.02	22.02	22.03	22.03	22.15	22.06	22.05	21.99	21.99	21.99	21.98	21.97	21.95	21.94	16.64	16.64

Materiali – Progr.0+023.80	
Materiale	**Area (m^2)**
Base	1.62
Fondazione	2.43
Rilevato	87.61
Scavo	0.00
Scotico	0.00
Sottobase	3.24
Terreno vegetale	0.00
Usura+Binder	1.62

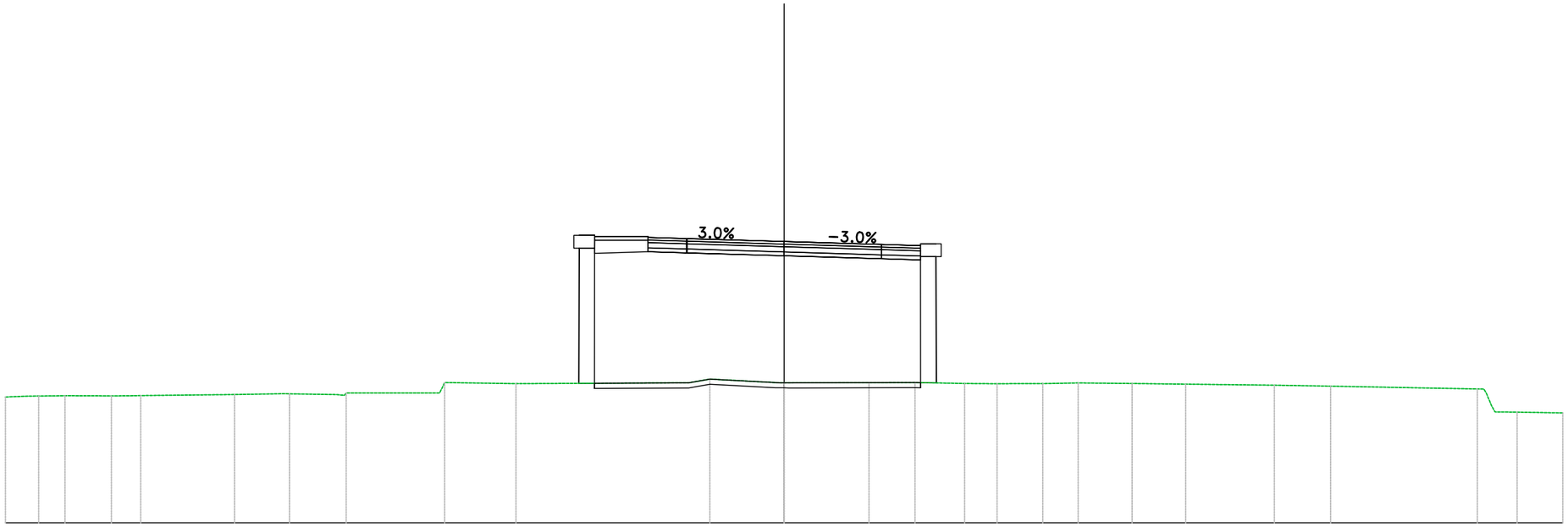
Sez. P002_SPA
Progr.: 0+023.80
Scala : 1:200
Q.Rif. : 10.00



PROGRESSIVE TERRENO	-30.00	-27.27	-24.47	-20.12	-15.02	-8.60	-5.13	-2.56	0.00	13.08	13.88	19.49	24.68	27.09	30.00
PARZIALI TERRENO		2.73	2.79	4.35	5.10	6.42	3.47	2.57	0.00	2.56	13.08	0.80	5.60	5.19	2.41	2.91
QUOTE TERRENO	16.43	16.44	16.82	16.82	16.84	16.98	17.01	16.49	16.52			16.67	16.67	16.67	16.63	16.63	16.68
PROGRESSIVE PROGETTO							-7.93	-6.73	-5.72	-4.32	-3.31	-2.29	-1.22				
PARZIALI PROGETTO								0.61	0.45	0.56	0.66	0.54	0.53	1.13	0.42	0.40	0.92	1.77	0.55	3.21	0.65	4.28	0.40	5.30	0.42	6.34	0.57	7.37	0.72	0.74
QUOTE PROGETTO							22.59	22.59	22.59	22.59	22.58	22.58	22.58	22.57	22.57	22.57	22.57	22.54	22.52	22.51	22.49	22.49	22.48	22.45
QUOTE SOTTOFONDO							22.04	22.04	22.04	22.35	22.29	22.21	22.14	22.05	22.05	22.05	22.05	22.07	22.14	22.18	21.94	21.94	21.93	21.90

Materiali – Progr.0+317.38	
Materiale	**Area (m^2)**
Base	1.05
Fondazione	2.54
Rilevato	61.53
Scavo	0.00
Scotico	2.51
Sottobase	2.10
Terreno vegetale	0.31
Usura+Binder	1.05

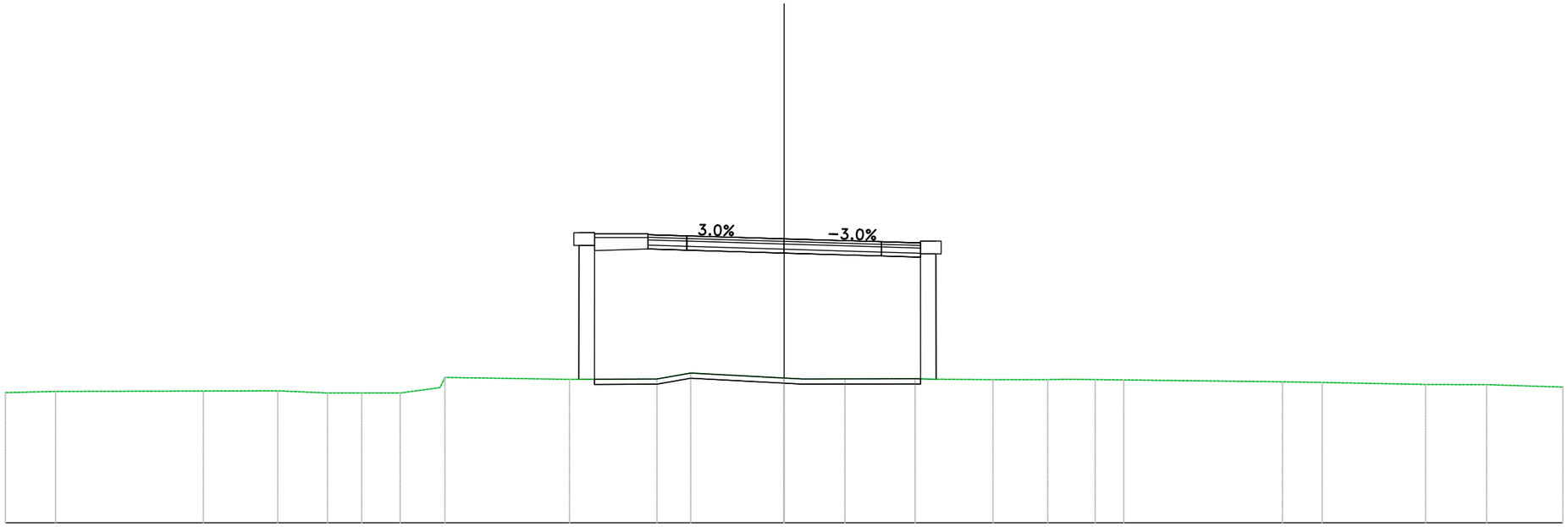
Sez. P002_SPB
Progr.: 0+317.38
Scala : 1:200
Q.Rif. : 20.00



PROGRESSIVE TERRENO	-30.00	-29.25	-28.72	-27.71	-25.92	-24.79	-21.18	-19.06	-16.87	-13.08	-10.33	-3.68	-2.86	0.00	3.27	5.04	6.96	8.20	8.91	9.96	11.33	13.41	15.47	18.89	21.06	26.71	27.25	28.24	30.00
PARZIALI TERRENO		0.75	0.53	0.85	1.78	0.68	3.61	1.94	1.80	3.60	2.75	6.66	0.81	2.70	3.27	1.77	1.92	1.25	0.71	1.05	1.36	2.08	2.06	3.41	2.17	5.65	0.85	1.61	
QUOTE TERRENO	24.84	24.88	24.88	24.90	24.89	24.90	24.94	24.97	25.00	25.40	25.36	25.39	25.54	25.39	25.40	25.40	25.37	25.36	25.36	25.36	25.39	25.37	25.34	25.30	25.26	25.16	24.52	24.26	24.23
PROGRESSIVE PROGETTO												-5.25	-4.13	-3.75	-0.94	2.81	3.75	4.87	5.25										
PARZIALI PROGETTO												1.12	0.38	2.81	0.94	2.81	0.94	1.12	0.38										
QUOTE PROGETTO												31.00	30.96	30.95	30.87	30.84	30.75	30.73	30.69	30.68									
QUOTE SOTTOFONDO												30.38	30.43	30.45	30.41	30.40	30.32	30.29	30.20	30.18	30.14	30.13							

Materiali – Progr.0+320.00	
Materiale	**Area (m^2)**
Base	1.05
Fondazione	2.54
Rilevato	60.56
Scavo	0.00
Scotico	2.51
Sottobase	2.10
Terreno vegetale	0.31
Usura+Binder	1.05

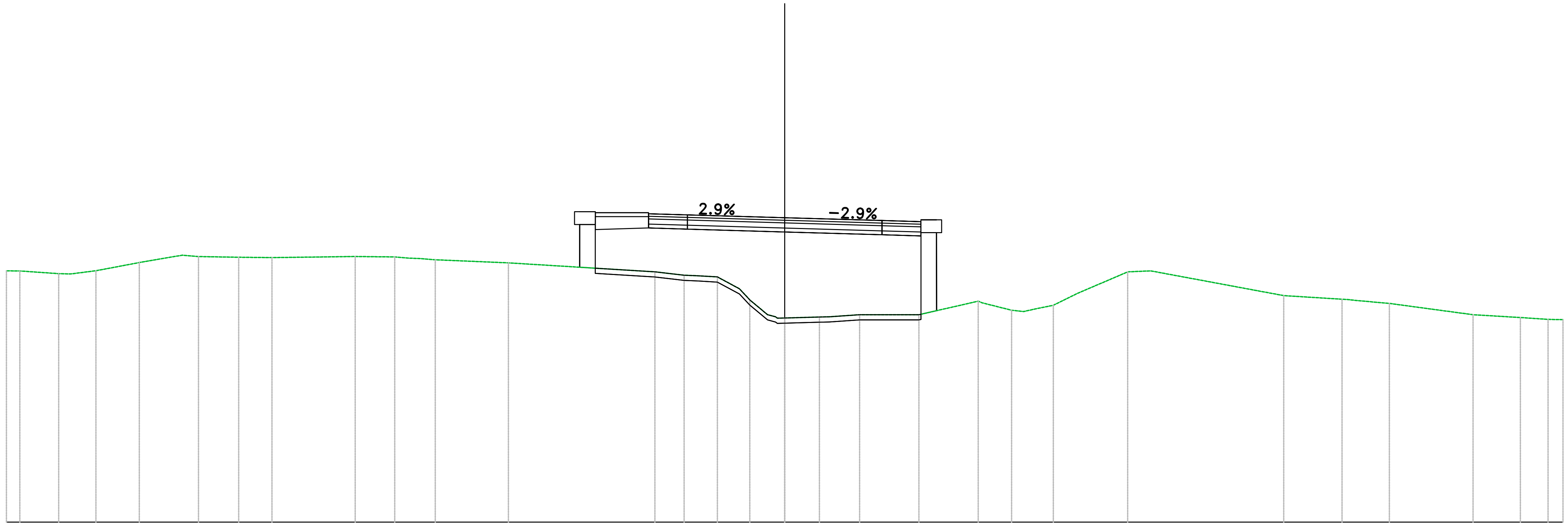
Sez. 3_17
Progr.: 0+320.00
Scala : 1:200
Q.Rif. : 20.00



PROGRESSIVE TERRENO	-30.00	-28.07	-22.94	-22.38	-19.51	-17.59	-17.02	-16.27	-14.80	-13.07	-8.27	-4.90	-3.60	0.00	0.70	2.34	5.05	5.94	8.05	10.15	10.88	11.99	13.08	19.20	20.73	24.71	27.07	30.00
PARZIALI TERRENO		1.93	5.14	0.56	2.87	1.92	0.57	0.52	1.48	1.54	4.79	3.38	1.30	3.60	0.70	1.64	2.71	0.89	2.11	1.75	0.72	1.11	1.10	6.11	1.53	3.99	2.35	2.93
QUOTE TERRENO	25.01	25.06	25.07	25.07	25.08	25.00	25.00	25.00	25.00	25.60	25.52	25.54	25.77	25.58	25.54	25.54	25.55	25.53	25.51	25.51	25.53	25.52	25.50	25.43	25.41	25.33	25.32	25.23
PROGRESSIVE PROGETTO												-5.25	-3.75	0.00			3.75	5.25										
PARZIALI PROGETTO												1.50	3.75		3.75		1.50											
QUOTE PROGETTO												31.10	31.06	30.94			30.83	30.79										
QUOTE SOTTOFONDO											30.45	30.55	30.51	30.39			30.28	30.24										

Materiali – Progr.0+340.00	
Materiale	**Area (m^2)**
Base	1.05
Fondazione	2.54
Rilevato	31.40
Scavo	0.00
Scotico	2.51
Sottobase	2.10
Terreno vegetale	0.31
Usura+Binder	1.05

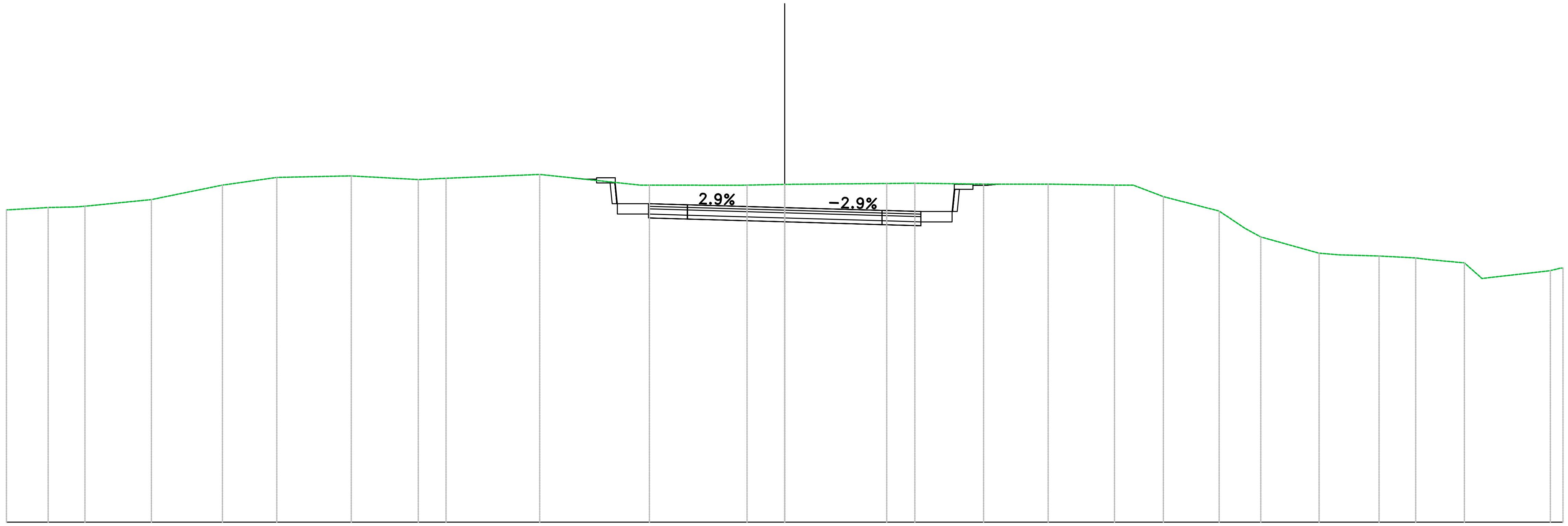
Sez. 3_18
Progr.: 0+340.00
Scala : 1:200
Q.Rif. : 20.00



PROGRESSIVE TERRENO	−30.00, −29.49, −27.54, −26.55, −24.88, −23.21, −22.60, −21.05, −19.77, −16.56, −15.03, −14.07, −13.47, −10.65, −5.01, −3.88, −3.37, −2.60, −1.35, −0.66, 0.00, 1.34, 2.89, 5.17, 7.46, 8.75, 9.64, 10.35, 11.26, 13.22, 14.11, 19.24, 21.48, 22.03, 23.31, 26.53, 28.36, 29.43, 30.00
PARZIALI TERRENO	0.51, 1.50, 0.99, 1.61, 1.66, 0.62, 1.55, 1.28, 3.21, 1.52, 0.57, 0.60, 2.82, 5.65, 1.13, 0.51, 0.77, 0.85, 0.40, 0.68, 1.34, 1.17, 2.29, 2.29, 1.13, 0.71, 0.91, 1.96, 0.88, 5.13, 2.25, 1.28, 3.22, 1.82, 1.07, 0.57
QUOTE TERRENO	29.69, 29.69, 29.57, 29.70, 30.01, 30.30, 30.24, 30.22, 30.20, 30.25, 30.23, 30.17, 30.12, 30.00, 29.65, 29.52, 29.50, 29.46, 28.57, 28.00, 27.87, 27.91, 28.00, 28.00, 28.52, 28.17, 28.22, 28.36, 28.81, 29.65, 29.69, 28.74, 28.60, 28.55, 28.44, 28.00, 27.89, 27.82, 27.81
PROGRESSIVE PROGETTO	−5.25, −3.75, 0.00, 3.75, 5.25
PARZIALI PROGETTO	1.50, 3.75, 3.75, 1.50
QUOTE PROGETTO	31.90, 31.85, 31.74, 31.63, 31.59
QUOTE SOTTOFONDO	29.79, 31.35, 31.30, 31.19, 31.08, 28.04

Materiali — Progr.0+349.74	
Materiale	Area (m^2)
Base	1.05
Fondazione	1.57
Rilevato	0.00
Scavo	18.93
Scotico	0.00
Sottobase	2.10
Terreno vegetale	0.00
Usura+Binder	1.05

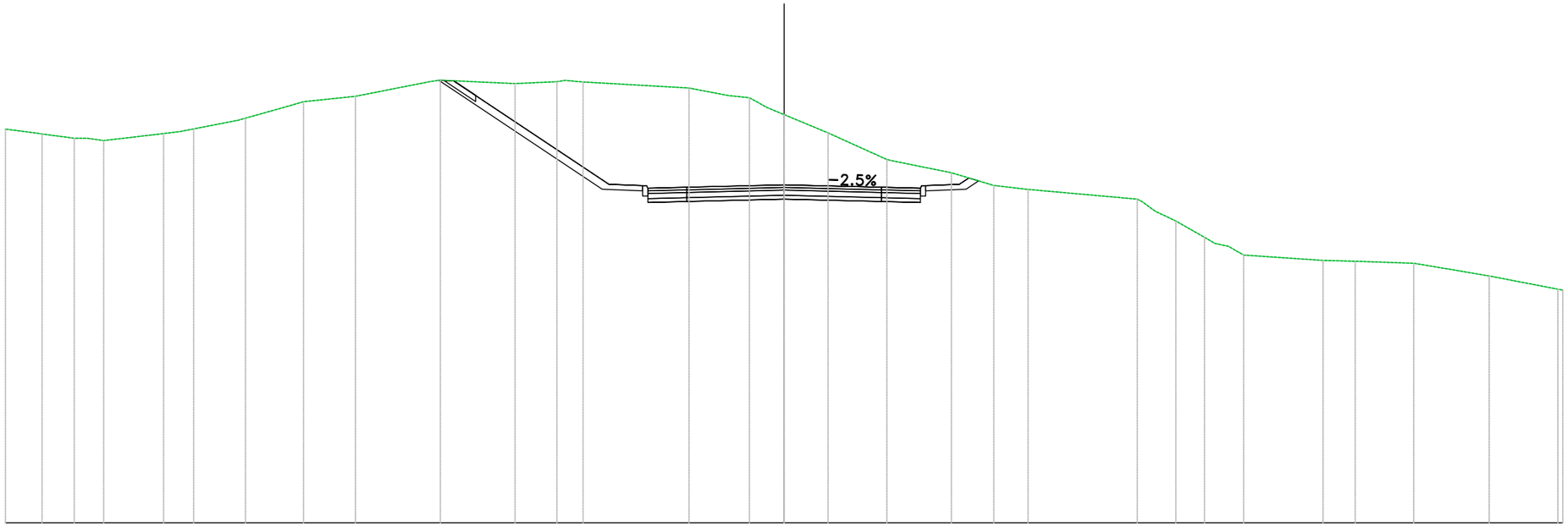
Sez. 3_IMB01
Progr.: 0+349.74
Scala : 1:200
Q.Rif. : 20.00



PROGRESSIVE TERRENO	−30.00 −28.39 −26.98 −24.42 −21.68 −19.58 −17.41 −16.71 −14.13 −13.06 −9.45 −5.22 −1.45 0.00 3.93 5.02 7.67 10.16 12.71 13.43 14.60 16.75 17.74 18.35 20.60 21.34 22.91 24.33 26.20 26.88 29.52 30.00
PARZIALI TERRENO	1.61 1.08 2.56 2.74 2.10 2.17 0.70 2.58 1.07 3.61 3.74 3.43 1.45 3.91 1.08 2.65 2.49 2.56 0.72 1.16 2.15 0.99 0.62 2.25 0.74 1.57 1.42 1.39 0.68 2.64
QUOTE TERRENO	32.04 32.14 32.19 32.44 33.00 33.30 33.34 33.36 33.21 33.26 33.41 33.00 33.00 33.03 33.06 33.07 33.04 33.04 33.00 33.00 32.56 32.00 31.34 31.00 30.37 30.31 30.27 30.19 30.00 29.40 29.70 29.80
PROGRESSIVE PROGETTO	−5.25 −3.75 3.75 5.25
PARZIALI PROGETTO	1.50 3.75 3.75 1.50
QUOTE PROGETTO	32.28 32.24 32.13 32.03 31.98
QUOTE SOTTOFONDO	33.08 33.08 31.88 31.73 31.69 31.58 31.48 31.43 31.58 32.84 32.84 32.89

Materiali – Progr.1+120.46	
Materiale	**Area (m^2)**
Base	1.05
Fondazione	1.58
Rilevato	0.00
Scavo	54.08
Scotico	0.00
Sottobase	2.10
Terreno vegetale	3.18
Usura+Binder	1.05

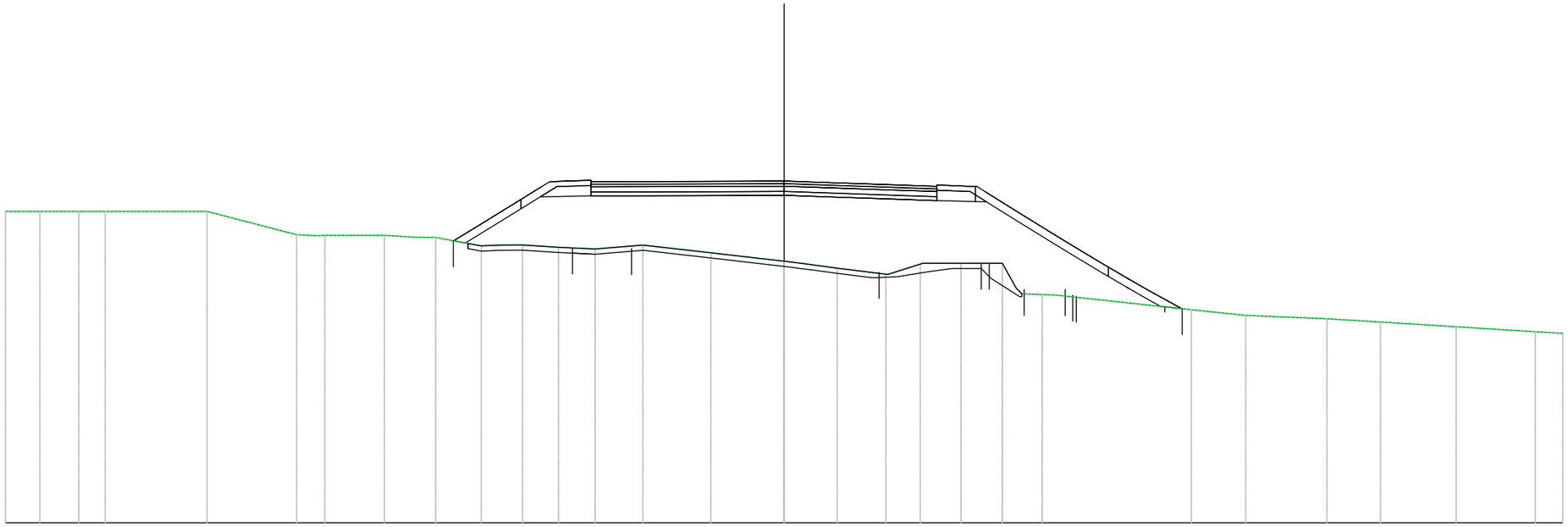
Sez. 3_IMB02
Progr.: 1+120.46
Scala : 1:200
Q.Rif. : 40.00



| | | |

Materiali – Progr.1+140.00	
Materiale	**Area (m^2)**
Base	1.33
Fondazione	3.26
Rilevato	53.32
Scavo	0.00
Scotico	4.88
Sottobase	2.66
Terreno vegetale	4.62
Usura+Binder	1.33

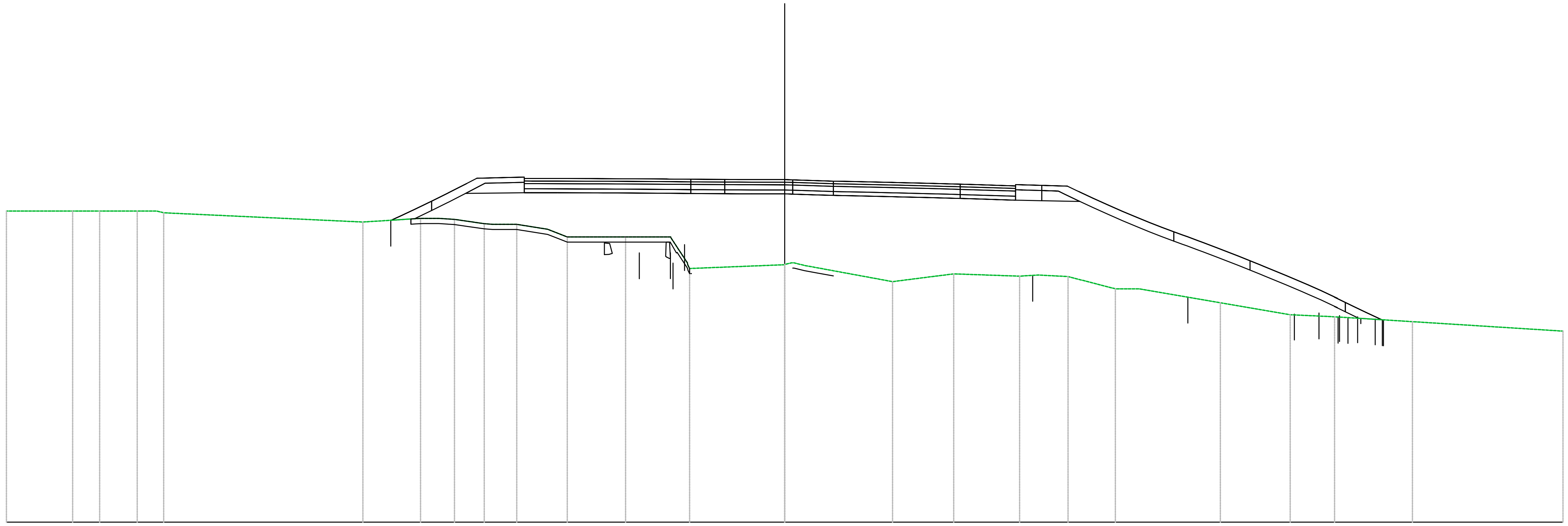
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Progr.: 1+140.00
Scala : 1:200
Q.Rif. : 40.00



PROGRESSIVE TERRENO	-30.00	-28.68	-27.18	-26.16	-22.24	-18.78	-17.69	-15.40	-14.14	-13.43	-11.67	-10.99	-10.08	-8.70	-7.28	-5.44	-2.82	0.00	0.64	2.05	3.92	5.24	6.03	6.81	8.41	8.94	9.94	10.46	15.69	17.79	18.44	20.91	22.97	25.89	28.94	30.00
PARZIALI TERRENO		1.32	1.50	1.02	3.92	3.45	0.84	2.29	1.26	0.71	1.76	0.68	0.91	1.38	1.42	1.84	2.62	2.82		1.40	1.87	1.21		0.78	1.59	0.53	0.79	0.52	5.23	2.09	0.66	2.47	2.06	2.92	3.05	1.06
QUOTE TERRENO	52.00	52.00	52.00	52.00	52.00	51.10	51.08	51.08	51.00	51.00	50.67	50.70	50.71	50.62	50.55	50.70	50.40	50.08	50.00	49.81	49.58	49.97	50.00	50.00	50.00	49.85	48.80	48.78	48.21	47.99	47.96	47.86	47.74	47.55	47.36	47.30
PROGRESSIVE PROGETTO															-7.22	-4.68	-3.46	-1.25		1.60	2.83	4.27	5.88													
PARZIALI PROGETTO															1.77	0.65	1.22	1.66	0.50	1.25	1.60	1.23	1.36	1.53												
QUOTE PROGETTO															53.15	53.15	53.15	53.16	53.17	53.11	53.07	53.02	52.97													
QUOTE SOTTOFONDO											50.85				52.60	52.60	52.60	52.61	52.62	52.56	52.52	52.47	52.42	52.39	51.69	50.92	50.10	49.49	48.74	48.31	48.25					
											51.30																									
											52.25																									
											52.95																									

Materiali – Progr.1+145.68	
Materiale	**Area (m^2)**
Base	1.89
Fondazione	4.38
Rilevato	76.35
Scavo	0.00
Scotico	2.16
Sottobase	3.79
Terreno vegetale	6.06
Usura+Binder	1.89

Sez. 3_59
Progr.: 1+145.68
Scala : 1:200
Q.Rif. : 40.00



PROGRESSIVE TERRENO	-30.00, -27.45, -26.41, -24.72, -23.94, -16.26, -14.04, -13.33, -12.73, -11.26, -10.33, -9.14, -8.38, -6.14, -4.38, -3.67, 0.00, 0.76, 4.16, 6.51, 9.05, 9.77, 10.92, 12.75, 13.65, 16.80, 19.49, 21.19, 21.98, 24.20, 30.00
PARZIALI TERRENO	2.55, 0.86, 1.45, 0.52, 7.68, 2.22, 0.71, 0.61, 1.15, 0.93, 1.19, 0.76, 2.25, 1.74, 0.63, 3.62, 3.40, 2.36, 2.54, 0.72, 1.15, 1.82, 0.90, 3.15, 2.69, 1.71, 2.22, 5.80
QUOTE TERRENO	52.00, 52.00, 52.00, 52.00, 51.93, 51.58, 51.72, 51.72, 51.68, 51.49, 51.49, 51.30, 51.00, 51.00, 50.96, 49.78, 49.94, 49.90, 49.28, 49.58, 49.49, 49.53, 49.47, 49.00, 49.00, 48.46, 48.00, 47.92, 47.87, 47.73, 47.37
PROGRESSIVE PROGETTO	-10.07, -9.75, -8.14, -7.01, -5.84, -4.52, -3.47, -2.30, -1.29, 1.09, 2.10, 3.17, 4.19, 5.53, 6.55, 7.67, 8.90
PARZIALI PROGETTO	0.73, 0.62, 0.45, 0.44, 0.46, 0.45, 0.42, 0.89, 0.75, 0.40, 0.42, 0.41, 0.60, 0.43
QUOTE PROGETTO	53.26, 53.28, 53.25, 53.25, 53.24, 53.23, 53.23, 53.22, 53.21, 53.21, 53.18, 53.15, 53.13, 53.10, 53.07, 53.04, 53.01, 52.97
QUOTE SOTTOFONDO	51.64, 51.68, 52.18, 52.68, 52.69, 52.71, 52.70, 52.70, 52.69, 52.68, 52.68, 52.67, 52.66, 52.66, 52.63, 52.60, 52.58, 52.55, 52.52, 52.49, 52.46, 52.42, 52.40, 52.37, 51.89, 51.44, 51.01, 50.57, 50.18, 49.72, 49.24, 48.78, 48.32, 47.85, 47.81