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

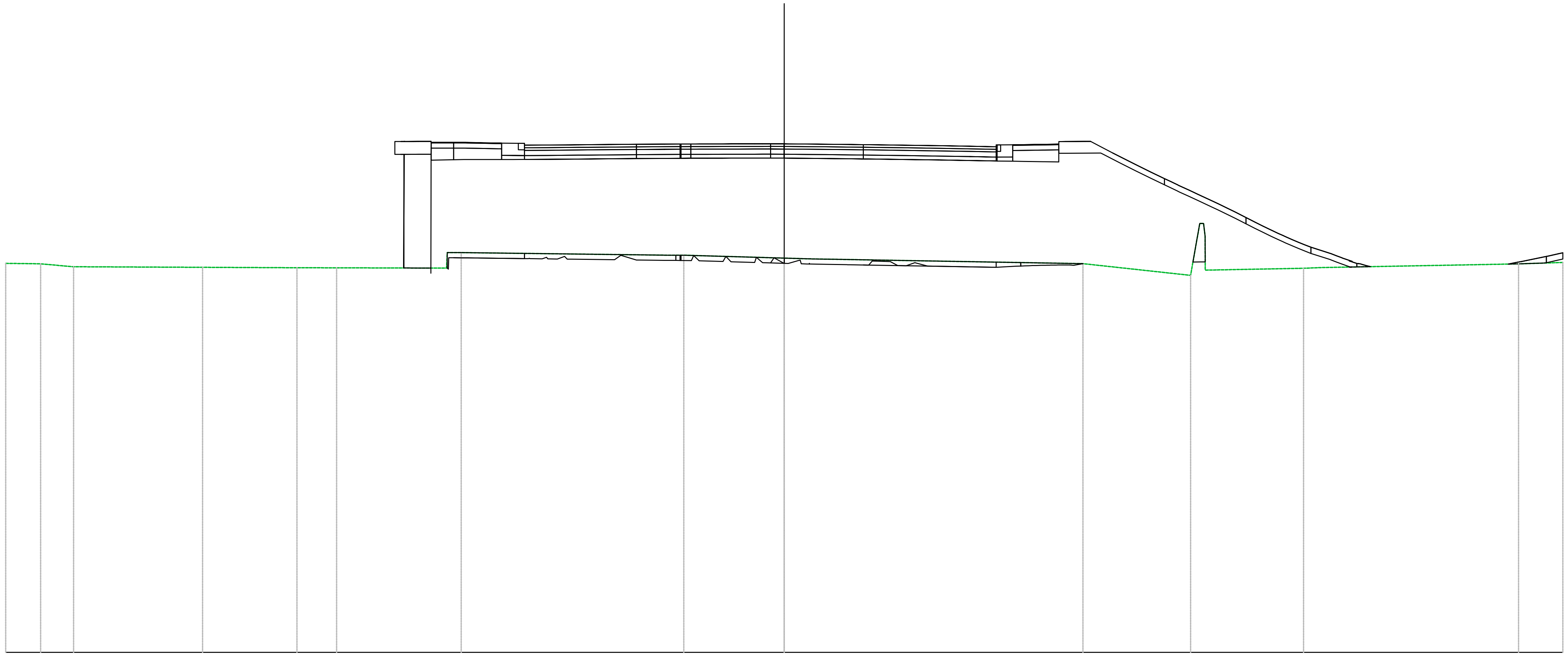
ING. MASSIMO CAPASSO – ORDINE INGEGNERI ROMA – A 25031 – settore a-b-c

05 PROGETTO STRADALE
05.02 – ASSE PRINCIPALE
Sezioni trasversali – Fascicolo – Tratta 1

CODICE PROGETTO	NOME FILE	REVISIONE	SCALA
PROGETTO: DPGE2710 LIV. PROG.: D 23	P01PS00TRASZ01_A		
	CODICE ELAB.: P01PS00TRASZ01	A	1:200

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

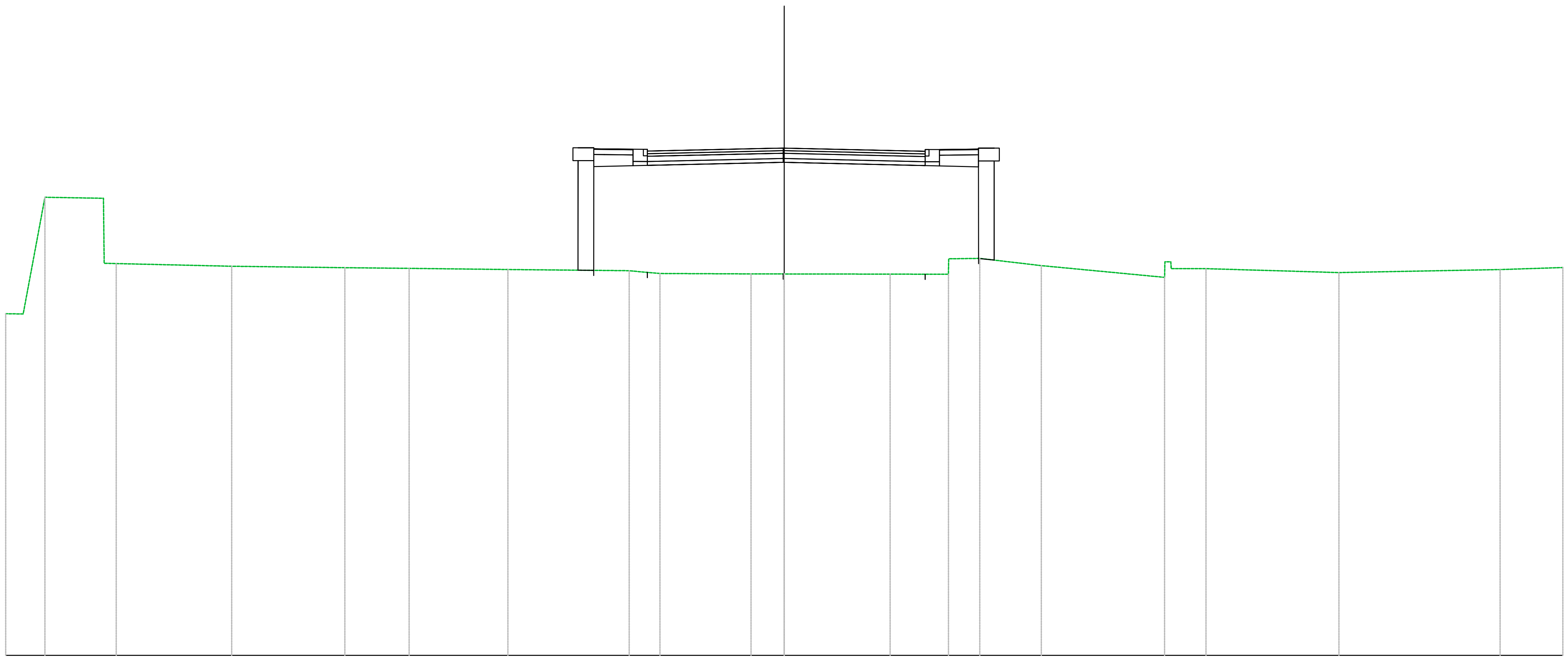
Materiali – Progr.0+018.83	
Materiale	Area (m^2)
Base	1.82
Fondazione	4.93
Rilevato	116.19
Scavo	0.00
Scotico	4.62
Sottobase	3.64
Terreno vegetale	4.13
Usura+Binder	1.82



Sez. 1_02
Progr.: 0+018.83
Scala : 1:200
Q.Rif. : −10.00

PROGRESSIVE TERRENO	−30.00 −28.65 −27.38 −22.41 −18.78 −17.25 −12.98 −12.45 −4.45 −3.87 0.00 0.98 11.51 15.66 16.22 20.01 20.68 28.29 30.00
PARZIALI TERRENO	1.35 0.78 4.97 3.63 1.53 4.24 8.00 3.87 0.98 10.53 4.15 0.00 0.01 3.79 0.67 7.61 1.71
QUOTE TERRENO	4.99 4.97 4.86 4.84 4.82 4.82 5.41 5.41 5.31 5.31 5.19 5.16 4.98 4.53 6.04 4.80 4.83 4.97 5.03
PROGRESSIVE PROGETTO	−10.01 −9.11 −8.20 −7.36 −6.54 −5.67 −4.92 −4.01 −2.97 −1.73 −0.83 0.78 1.59 2.42 3.22 4.09 5.03 5.99 6.95 8.07 8.06
PARZIALI PROGETTO	0.36 0.61 0.67 0.39 0.41 0.59 0.59 0.38 0.63 0.71 0.79 0.45 0.69 0.49 0.41 0.46
QUOTE PROGETTO	9.54 9.55 9.56 9.57 9.57 9.58 9.58 9.59 9.59 9.60 9.60 9.60 9.59 9.58 9.57 9.56 9.55 9.54 9.52 9.51 9.49
QUOTE SOTTOFONDO	5.35 5.36 4.82 8.97 8.99 8.99 8.99 8.99 9.00 9.01 9.02 9.03 9.04 9.04 9.04 9.05 9.05 9.05 9.04 9.04 9.02 9.01 9.00 8.99 8.98 8.96 8.95 8.93 8.92 8.90 9.24 8.86 8.35 7.94 7.55 6.10 5.75 5.42 5.14 4.85 4.86 4.96 4.98 5.04 5.16

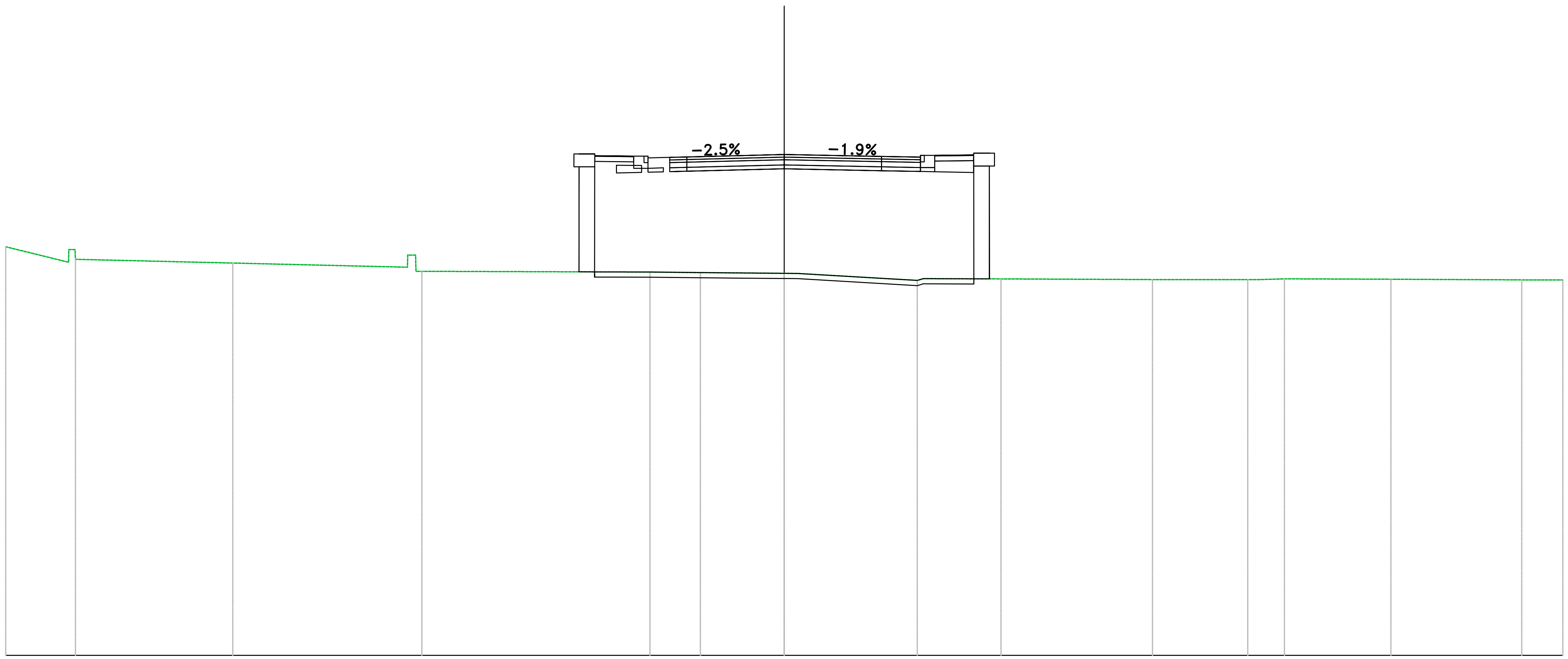
Materiali – Progr.0+027.85	
Materiale	**Area (m^2)**
Base	1.07
Fondazione	3.09
Rilevato	61.53
Scavo	0.01
Scotico	0.00
Sottobase	2.14
Terreno vegetale	0.52
Usura+Binder	1.07



Sez. P001_SPA
Progr.: 0+027.85
Scala : 1:200
Q.Rif. : –10.00

PROGRESSIVE TERRENO	–30.00 –29.05 –28.49 –26.39 –25.74 –21.29 –16.93 –14.45 –10.65 –5.67 –4.79 –1.28 0.00 4.08 6.33 7.54 9.91 14.66 16.25 21.37 27.58 30.00
PARZIALI TERRENO	0.68 0.27 0.57 2.10 0.03 4.45 4.36 2.48 3.81 4.63 0.76 3.51 1.28 4.08 2.25 0.98 2.37 4.75 1.34 5.12 6.21 2.42
QUOTE TERRENO	3.15 4.60 7.64 7.60 5.08 4.98 4.93 4.90 4.86 4.78 4.70 4.69 4.69 4.68 4.67 5.28 5.01 4.55 4.89 4.74 4.85 4.93
PROGRESSIVE PROGETTO	–5.27 –3.76 –2.97 –0.73 0.58 1.79 5.43
PARZIALI PROGETTO	1.52 0.63 2.24 0.69 0.58 1.21 3.64
QUOTE PROGETTO	9.42 9.45 9.47 9.52 9.53 9.52 9.49 9.41
QUOTE SOTTOFONDO	[illegible] 8.86 8.87 8.92 8.94 8.97 8.98 8.97 8.86 8.84 8.83 [illegible]

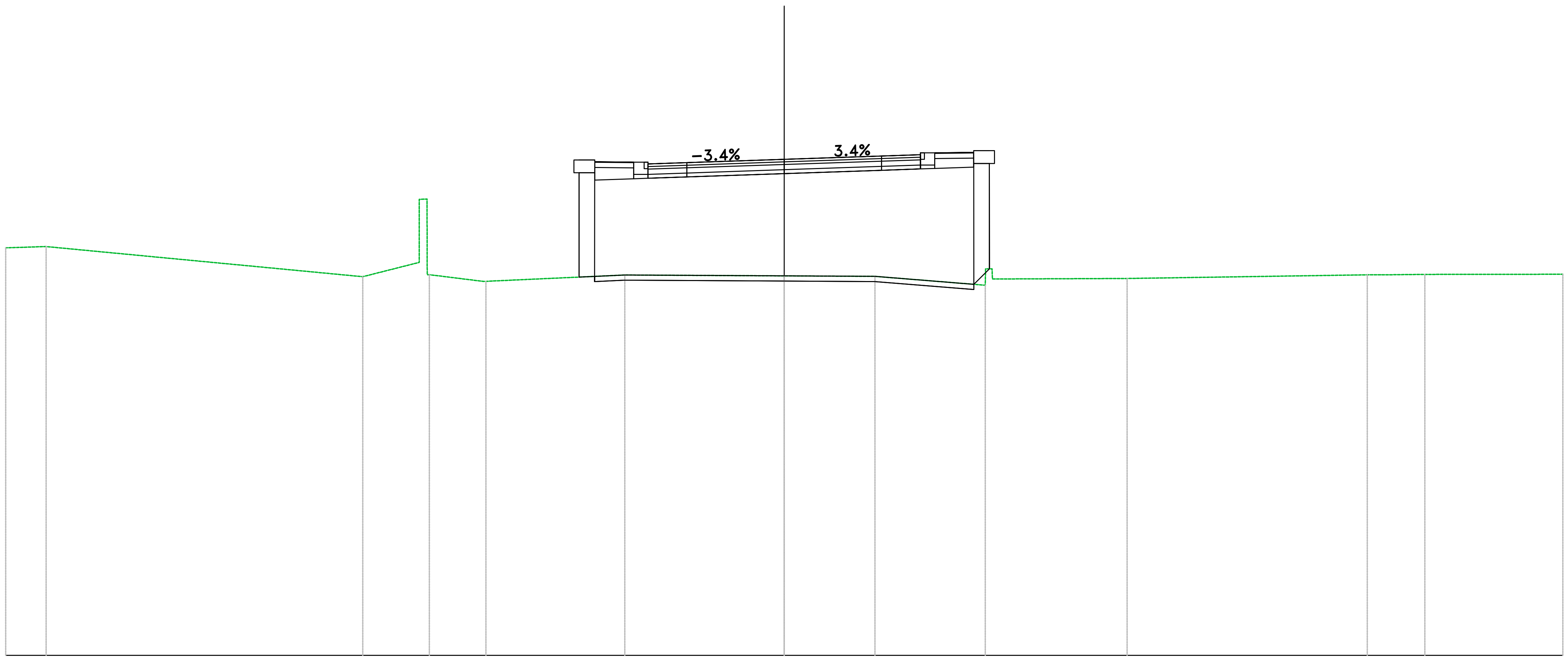
Materiali – Progr.0+103.65	
Materiale	**Area (m^2)**
Base	0.97
Fondazione	2.55
Rilevato	59.06
Scavo	0.00
Scotico	2.92
Sottobase	1.93
Terreno vegetale	0.52
Usura+Binder	0.97



Sez. P001_SPB
Progr.: 0+103.65
Scala : 1:200
Q.Rif. : −10.00

PROGRESSIVE TERRENO	−30.00 −27.31 −21.25 −14.46 −13.96 −5.17 −3.23 0.00 0.52 5.13 8.35 14.19 17.86 19.27 23.38 28.42 30.00
PARZIALI TERRENO	2.43 6.06 6.73 0.01 8.79 1.94 3.23 0.52 4.61 2.99 5.84 3.67 1.02 3.86 4.69 1.49
QUOTE TERRENO	5.73 5.25 5.10 5.41 4.79 4.76 4.74 4.71 4.70 4.44 4.49 4.47 4.47 4.50 4.48 4.46 4.46
PROGRESSIVE PROGETTO	−7.30 −6.64 −5.56 −5.25 −4.59 −3.75 −2.10 1.66 3.75 4.41 5.25 5.80 6.46 7.30
PARZIALI PROGETTO	0.66 0.84 0.31 0.66 0.84 1.66 2.09 1.66 2.09 0.66 0.84 0.31 0.66 0.84
QUOTE PROGETTO	9.24 9.23 9.22 9.15 9.17 9.19 9.23 9.28 9.24 9.21 9.19 9.18 9.25 9.26 9.27
QUOTE SOTTOFONDO	7.75 8.55 8.57 8.58 8.60 8.62 8.64 8.68 8.73 8.69 8.66 8.64 8.63 8.62 8.60 8.59 7.89

Materiali – Progr.0+120.00	
Materiale	**Area (m^2)**
Base	1.05
Fondazione	2.96
Rilevato	58.10
Scavo	0.00
Scotico	2.92
Sottobase	2.10
Terreno vegetale	0.52
Usura+Binder	1.05



Sez. 1_07
Progr.: 0+120.00
Scala : 1:200
Q.Rif. : –10.00

PROGRESSIVE TERRENO: –30.00 –28.44 –16.24 –13.67 –11.49 –6.14 0.00 3.50 7.75 13.21 22.47 23.24 24.68 30.00

PARZIALI TERRENO: 1.56 12.20 2.18 0.00 0.01 2.07 5.35 6.14 3.50 4.25 0.01 5.19 9.25 0.58 1.44 5.32

QUOTE TERRENO: 5.69 5.74 4.58 4.66 4.40 4.64 4.61 4.59 4.25 4.51 4.65 4.65 4.67 4.67

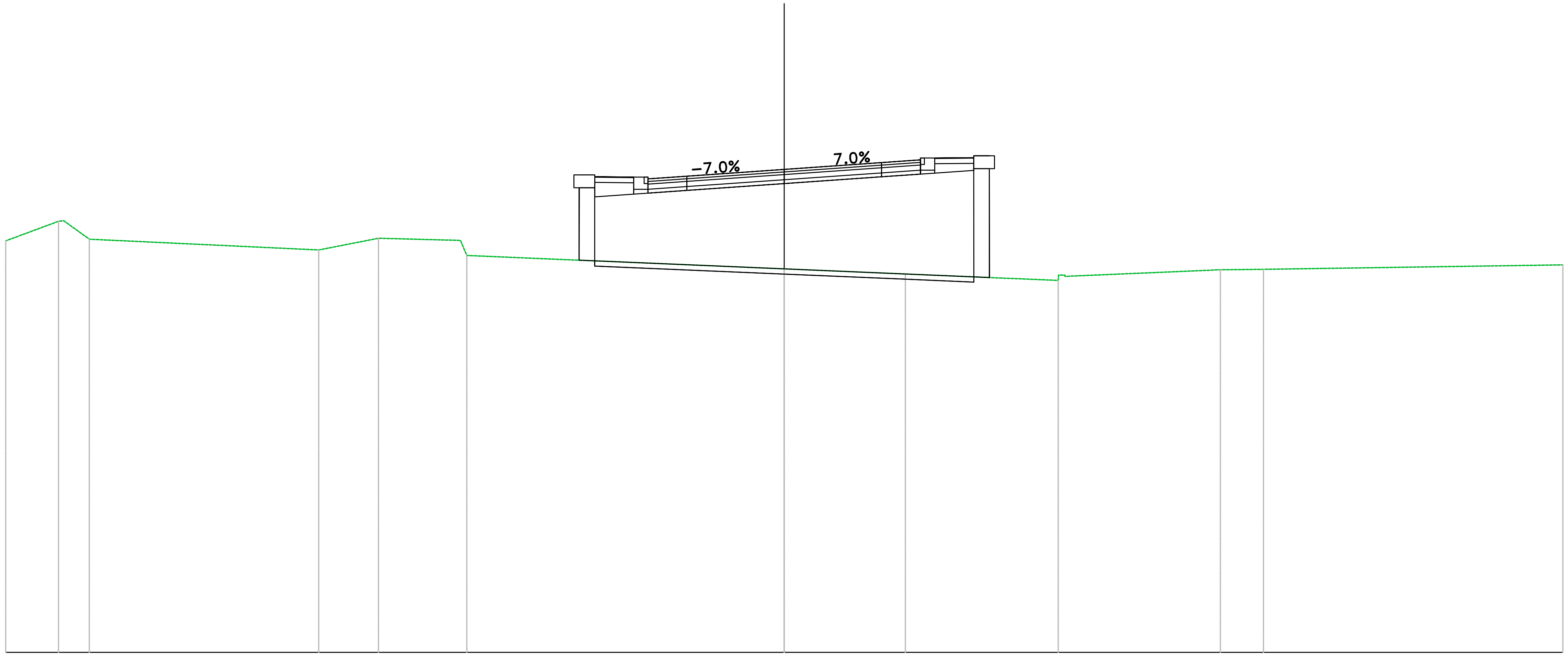
PROGRESSIVE PROGETTO: –7.30 –5.80 –5.25 –3.75 3.75 5.25 5.80 7.30

PARZIALI PROGETTO: 1.50 0.55 1.50 3.75 3.75 1.50 0.55 1.50

QUOTE PROGETTO: 9.00 8.99 8.92 8.97 9.10 9.23 9.28 9.35 9.36

QUOTE SOTTOFONDO: 8.50 8.59 8.35 8.37 8.42 8.55 8.68 8.73 8.75 8.80 8.89

Materiali – Progr.0+140.00	
Materiale	**Area (m^2)**
Base	1.05
Fondazione	2.96
Rilevato	47.99
Scavo	0.00
Scotico	2.92
Sottobase	2.10
Terreno vegetale	0.52
Usura+Binder	1.05

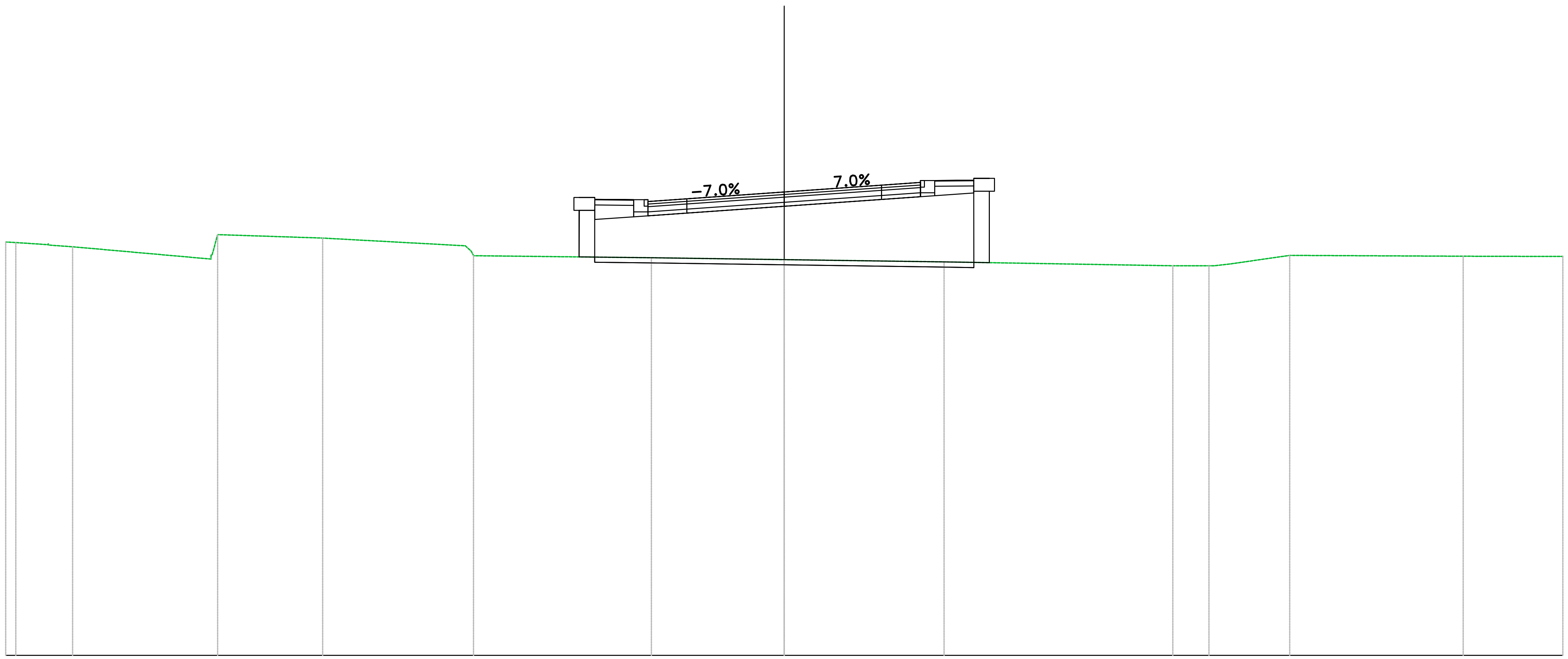


Sez. 1_08
Progr.: 0+140.00
Scala : 1:200
Q.Rif. : −10.00

PROGRESSIVE TERRENO	−30.00, −27.76, −26.77, −17.94, −15.63, −12.23, 0.00, 4.67, 10.56, 16.81, 17.38, 18.46, 30.00
PARZIALI TERRENO	2.04, 0.98, 8.84, 2.30, 3.16, 12.23, 4.67, 5.89, 5.98, 0.58, 1.08, 11.54
QUOTE TERRENO	5.86, 6.63, 5.92, 5.51, 5.96, 5.30, 4.78, 4.58, 4.33, 4.74, 4.75, 4.76, 4.93
PROGRESSIVE PROGETTO	−7.30, −5.80, −5.25, −3.75, 3.75, 5.25, 5.80, 7.30
PARZIALI PROGETTO	1.50, 0.55, 1.50, 3.75, 3.75, 1.50, 0.55, 1.50
QUOTE PROGETTO	8.33, 8.32, 8.25, 8.35, 8.61, 8.88, 8.98, 9.05, 9.07
QUOTE SOTTOFONDO	7.59 / 7.69, 7.66, 7.70, 7.80, 8.06, 8.33, 8.43, 8.47, 8.47 / 8.57

Materiali – Progr.0+160.00	
Materiale	**Area (m²)**
Base	1.05
Fondazione	2.96
Rilevato	30.03
Scavo	0.00
Scotico	2.92
Sottobase	2.10
Terreno vegetale	0.52
Usura+Binder	1.05

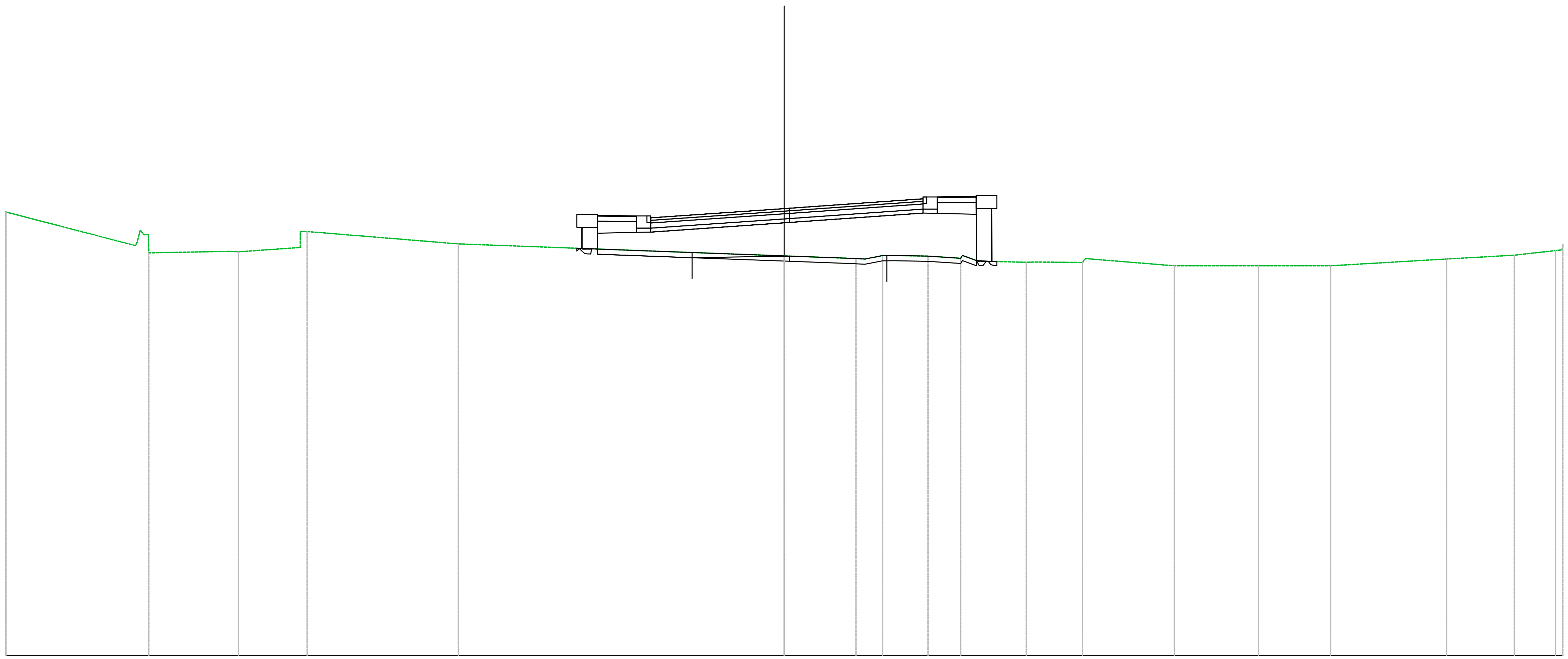
Sez. 1_09
Progr.: 0+160.00
Scala : 1:200
Q.Rif. : –10.00



PROGRESSIVE TERRENO	–30.00, –29.61, –28.36, –27.42, –21.83, –17.78, –11.97, –5.12, 0.00, 6.16, 14.97, 16.36, 17.16, 19.48, 26.16, 30.00
PARZIALI TERRENO	1.24, 0.94, 5.33, 0.21, 4.05, 5.50, 6.85, 5.12, 6.16, 8.81, 1.39, 0.52, 2.32, 6.68, 3.84
QUOTE TERRENO	5.92, 5.89, 5.80, 5.73, 6.20, 6.07, 5.39, 5.31, 5.24, 5.15, 5.00, 5.00, 5.07, 5.40, 5.37, 5.36
PROGRESSIVE PROGETTO	–7.30, –5.80, –5.25, –3.75, 3.75, 5.25, 5.80, 7.30
PARZIALI PROGETTO	1.50, 0.55, 1.50, 3.75, 3.75, 1.50, 0.55, 1.50
QUOTE PROGETTO	7.56, 7.54, 7.47, 7.58, 7.84, 8.10, 8.21, 8.28, 8.29
QUOTE SOTTOFONDO	[illegible], 6.89, 6.92, 7.03, 7.29, 7.55, 7.66, 7.70, [illegible]

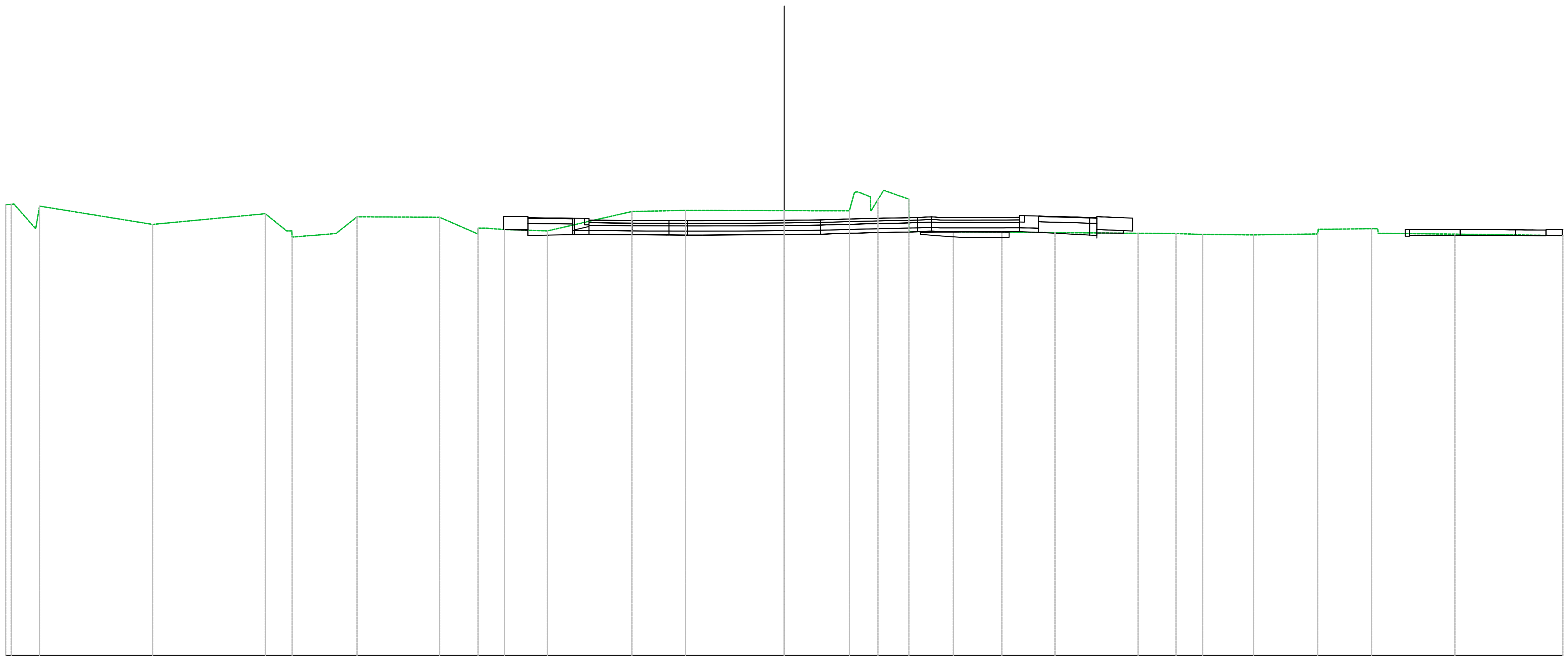
Materiali – Progr.0+180.00	
Materiale	**Area (m^2)**
Base	1.05
Fondazione	3.06
Rilevato	18.01
Scavo	0.01
Scotico	2.70
Sottobase	2.10
Terreno vegetale	0.52
Usura+Binder	1.05

Sez. 1_10
Progr.: 0+180.00
Scala : 1:200
Q.Rif. : −10.00



PROGRESSIVE TERRENO	−30.00 / −29.98 (overlapping), −25.01, −24.48, −21.03, −18.39, −12.56, 0.00, 2.76, 3.79, 5.54, 6.80, 7.47, 9.33, 11.50, 15.03, 15.56, 18.28, 21.05, 25.52, 28.13, 29.73, 30.00
PARZIALI TERRENO	4.98, 3.12, 2.38, 0.00, 5.82, 12.56, 2.76, 0.68, 1.33, 1.26, 0.60, 1.86, 1.75, 3.43, 2.71, 2.78, 4.47, 2.61, 1.60
QUOTE TERRENO	7.07, 5.78, 5.50, 5.54, 6.32, 5.84, 5.38, 5.28, 5.39, 5.37, 5.29, 5.18, 5.13, 5.13, 5.00, 5.00, 5.00, 5.00, 5.26, 5.41, 5.59, 5.82
PROGRESSIVE PROGETTO	−5.14, −0.84, 0.00, 0.76, 5.35
PARZIALI PROGETTO	4.31, 0.84, 0.56, 4.58
QUOTE PROGETTO	6.85, 7.14, 7.20, 7.26, 7.58
QUOTE SOTTOFONDO	5.64, [illegible], [illegible], 6.28, 6.29, 6.30, 6.59, 6.65, 6.71, 7.03, 7.02, 6.98, [illegible], 5.20

Materiali – Progr.0+200.00	
Materiale	**Area (m^2)**
Base	1.66
Fondazione	4.44
Rilevato	0.44
Scavo	13.10
Scotico	0.62
Sottobase	3.31
Terreno vegetale	0.65
Usura+Binder	1.66

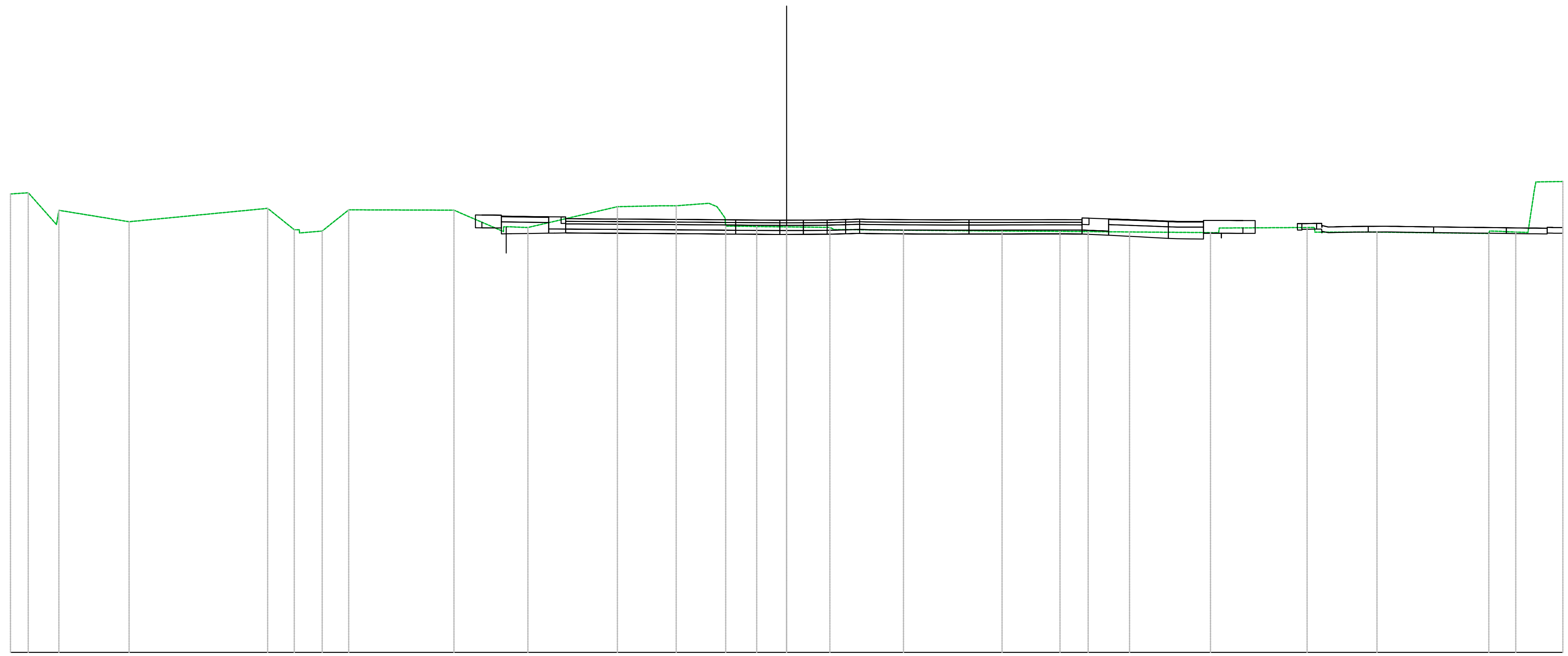


Sez. 1_11
Progr.: 0+200.00
Scala : 1:200
Q.Rif. : −10.00

PROGRESSIVE TERRENO	−30.00, −29.68, −28.69, −24.34, −19.99, −18.96, −17.27, −16.46, −13.28, −11.52, −10.78, −9.12, −5.87, −3.80, 0.00, 2.51, 3.32, 3.83, 4.50, 6.52, 8.39, 10.44, 13.64, 15.10, 16.13, 18.09, 18.67, 20.56, 22.64, 25.84, 30.00
PARZIALI TERRENO	0.84, 0.15, 4.35, 4.35, 0.82, 1.69, 0.81, 3.18, 1.48, 0.73, 1.63, 3.26, 2.07, 3.80, 2.51, 0.20, [illegible], [illegible], [illegible], 0.66, 0.01, 1.70, 1.87, 1.77, 3.20, 1.46, 1.03, 1.96, 0.59, 1.88, 1.62, 2.96, 4.16
QUOTE TERRENO	7.35, 7.38, 7.30, 6.59, 7.00, 6.10, 6.24, 6.89, 6.87, 6.45, 6.39, 6.34, 7.09, 7.13, 7.12, 7.12, 7.66, 7.91, 7.67, 6.30, 6.29, 6.28, 6.25, 6.24, 6.21, 6.19, 6.20, 6.22, 6.43, 6.22, 6.16
PROGRESSIVE PROGETTO	−7.52, −7.02, −6.17, −5.31, −4.43, −3.44, −2.43, −1.54, 1.40, 2.25, 3.62, 4.77, 5.68, 6.68, 7.62, 8.45, 9.05
PARZIALI PROGETTO	0.37, 0.38, 0.49, 0.41, 0.71, 1.03, 1.13, 0.86, 0.79, 0.56
QUOTE PROGETTO	6.75, 6.75, 6.75, 6.74, 6.74, 6.73, 6.74, 6.74, 6.75, 6.77, 6.79, 6.83, 6.85, 6.88, 6.86, 6.86, 6.86, 6.87
QUOTE SOTTOFONDO	6.67, 6.63, 6.17, 6.18, 6.20, 6.20, 6.19, 6.19, 6.22, 6.22, 6.30, 6.32, 6.31, 6.31, 6.28, 6.24, 6.19, 6.41, 6.56, 6.14, 6.17, 6.16, 6.16, 6.16, 6.16, 6.16, [illegible]

Materiali - Progr.0+201.89	
Materiale	**Area (m^2)**
Base	2.00
Fondazione	5.66
Rilevato	0.15
Scavo	11.94
Scotico	0.00
Sottobase	3.99
Terreno vegetale	0.79
Usura+Binder	2.00

Sez. 1_12
Progr.: 0+201.89
Scala : 1:200
Q.Rif. : -10.00



PROGRESSIVE TERRENO	-30.00, -29.31, -28.13, -25.41, -20.06, -18.83, -17.95, -16.92, -12.86, -10.66, -10.00, -6.54, -4.89, -4.27, -3.00, -2.36, -1.16, 0.00, 1.67, 2.52, 4.52, 5.07, 8.33, 10.57, 11.65, 13.25, 16.38, 16.95, 20.12, 22.82, 27.14, 28.18, 28.91, 30.00
PARZIALI TERRENO	0.63, 1.09, 0.09, 2.71, 5.36, 1.03, 0.88, 1.03, 4.07, 1.91, 3.46, 1.65, 1.27, 0.31, 0.76, 1.16, 1.67, 0.70, 1.91, 0.55, 3.26, 2.24, 1.09, 1.60, 3.13, 3.14, 2.40, 4.32, 0.79, 0.26, 1.04
QUOTE TERRENO	7.73, 7.78, 7.10, 6.66, 7.17, 6.22, 6.30, 7.12, 7.10, 6.46, 6.43, 7.24, 7.27, 7.27, 7.37, 6.49, 6.47, 6.46, 6.44, 6.35, 6.33, 6.33, 6.30, 6.28, 6.27, 6.26, 6.24, 6.41, 6.43, 6.26, 6.20, 6.26, 7.96, 8.21
PROGRESSIVE PROGETTO	-8.54, -8.07, -7.31, -6.52, -5.59, -4.67, -3.90, -2.74, -1.97, -1.14, 1.05, 1.90, 2.82, 3.72, 4.53, 5.32, 6.08, 6.99, 7.74, 8.54, 9.29, 10.11, 10.88, 11.41
PARZIALI PROGETTO	0.42, 0.40, 0.38, 0.47, 0.51, 0.44, 0.45, 0.42, 0.41, 0.47, 0.43, 0.46, 0.42
QUOTE PROGETTO	6.77, 6.77, 6.77, 6.76, 6.75, 6.75, 6.74, 6.73, 6.73, 6.72, 6.72, 6.72, 6.73, 6.76, 6.74, 6.74, 6.73, 6.73, 6.73, 6.73, 6.73, 6.73, 6.74, 6.74, 6.73
QUOTE SOTTOFONDO	6.83, 6.58, 6.19, 6.21, 6.22, 6.22, 6.21, 6.21, 6.20, 6.19, 6.19, 6.21, 6.19, 6.18, 6.17, 6.17, 6.16, 6.18, 6.18, 6.18, 6.18, 6.18, 6.18, 6.19, 6.19, 6.17, 6.13, 6.08, 6.04, 6.00, 5.98, 6.23, 6.27, 6.33, 6.37, 6.22, 6.23, 6.22, 6.21, 6.20, 6.19, 6.19, 6.19, 6.19