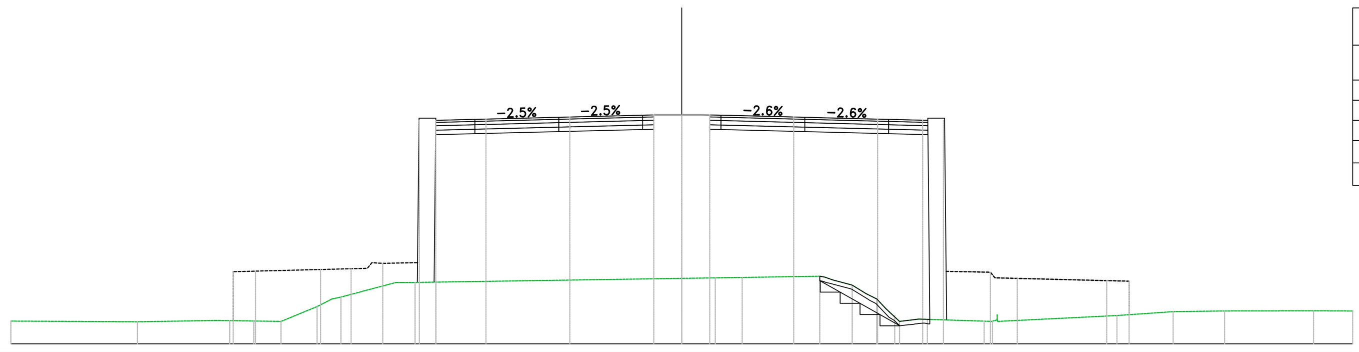
AP01
Sez. 108
Progr.: 2+140.00
Scala : 1:200
Q.Rif. : 8.00

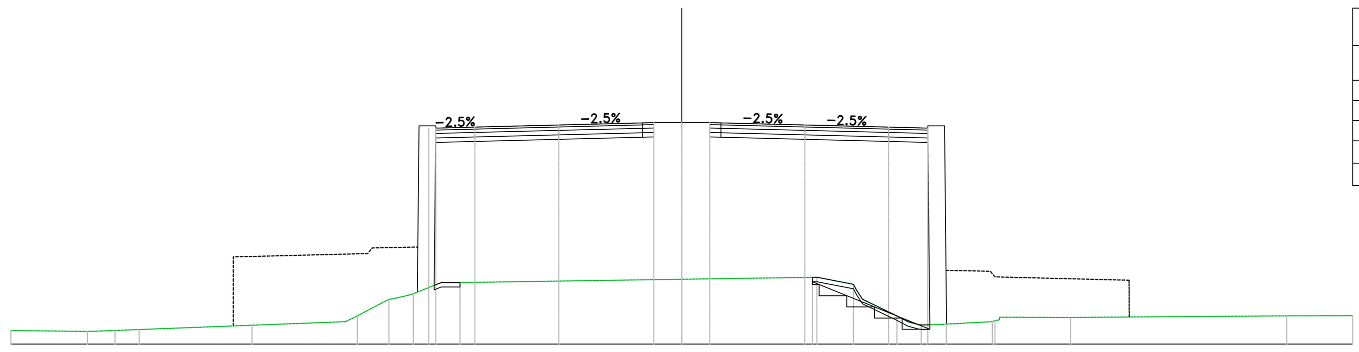


PROGRESSIVE TERRENO	-30.00, -24.34, -20.83, -20.22, -19.13, -17.92, -16.31, -15.24, -12.52, -11.93, 0.00, 1.50, 2.70, 6.17, 6.73, 7.62, 8.24, 9.12, 9.74, 10.47, 13.89, 19.46, 21.97, 24.27, 28.25, 30.00
PARZIALI TERRENO	5.66, 3.51, 0.61, 1.08, 1.21, 1.61, 0.66, 2.47, 0.59, 11.93, 1.50, 1.20, 3.47, 0.88, 0.62, 0.48, 0.40, 0.62, 0.73, 3.21, 5.33, 2.51, 2.30, 3.98, 1.75
QUOTE TERRENO	9.01, 8.98, 9.04, 9.03, 9.02, 9.00, 9.66, 10.09, 10.74, 10.74, 10.92, 10.94, 10.96, 11.02, 10.86, 10.62, 10.24, 9.57, 9.00, 9.09, 9.00, 9.26, 9.44, 9.47, 9.47, 9.47
PROGRESSIVE PROGETTO	-11.74, -11.65, -11.00, -9.25, -8.76, -5.50, -5.01, -1.75, -1.25, 0.92, 1.25, 1.68, 5.01, 5.50, 8.76, 9.25, 10.77, 11.65, 11.70
PARZIALI PROGETTO	0.65, 1.52, 0.49, 3.26, 0.49, 3.26, 0.43, 1.25, 0.92, 0.33, 0.43, 3.26, 0.49, 3.26, 0.49, 1.52, 0.65
QUOTE PROGETTO	17.98, 17.98, 18.02, 18.03, 18.11, 18.13, 18.21, 18.22, 18.22, 18.22, 18.21, 18.13, 18.11, 18.03, 18.02, 17.98, 17.98, 17.98
QUOTE SOTTOFONDO	17.36, 17.33, 17.39, 17.43, 17.44, 17.53, 17.54, 17.62, 17.63, 17.63, 17.63, 17.62, 17.54, 17.53, 17.44, 17.43, 17.39, 17.33, 17.36

Materiali – Progr.2+140.00

Materiale	Area (m²)	Vol. (m³)
Rilevato	0.00	61.56
Scavo	0.00	0.00
Scotico	0.99	0.75
Terreno vegetale	0.00	0.00
Gradonatura	0.89	L=4.11

AP01
Sez. 109
Progr.: 2+160.00
Scala : 1:200
Q.Rif. : 8.00

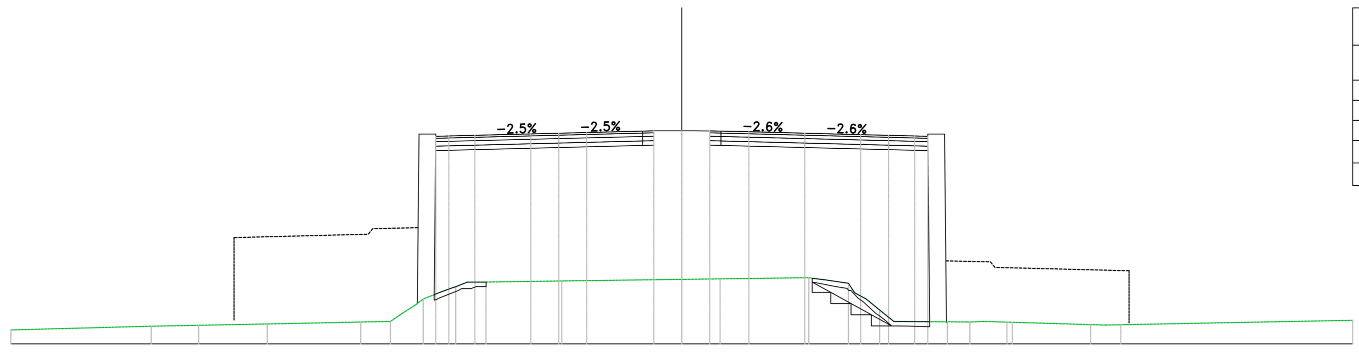


PROGRESSIVE TERRENO	-30.00, -26.57, -25.94, -25.34, -24.26, -19.22, -15.04, -14.50, -12.74, -12.00, -10.49, -9.92, 0.00, 5.84, 7.68, 9.62, 10.48, 11.35, 13.89, 17.38, 27.05, 30.00
PARZIALI TERRENO	2.94, 1.08, 5.04, 4.18, 0.53, 1.41, 1.25, 0.57, 9.92, 5.84, 1.59, 0.28, 1.54, 0.49, 0.63, 2.06, 3.17, 9.67, 2.95
QUOTE TERRENO	8.60, 8.57, 8.58, 8.61, 8.65, 8.84, 9.00, 9.26, 10.06, 10.25, 10.75, 10.75, 10.89, 10.98, 10.67, 9.26, 8.90, 8.87, 9.00, 9.19, 9.26, 9.27
PROGRESSIVE PROGETTO	-11.32, -11.00, -9.25, -5.50, -1.75, -1.25, 1.25, 1.75, 5.50, 9.25, 11.00, 11.00
PARZIALI PROGETTO	0.31, 1.75, 3.75, 3.75, 0.50, 1.25, 1.25, 0.50, 3.75, 3.75, 1.75
QUOTE PROGETTO	17.63, 17.64, 17.69, 17.78, 17.88, 17.89, 17.89, 17.89, 17.88, 17.78, 17.69, 17.64, 17.64
QUOTE SOTTOFONDO	17.36, 17.00, 17.05, 17.14, 17.24, 17.25, 17.25, 17.25, 17.24, 17.14, 17.05, 17.00

Materiali – Progr.2+160.00

Materiale	Area (m²)	Vol. (m³)
Rilevato	145.06	1450.59
Scavo	0.00	0.00
Scotico	1.28	22.75
Terreno vegetale	0.00	0.00
Gradonatura	1.29	L=5.66

AP01
Sez. 110
Progr.: 2+180.00
Scala : 1:200
Q.Rif. : 8.00

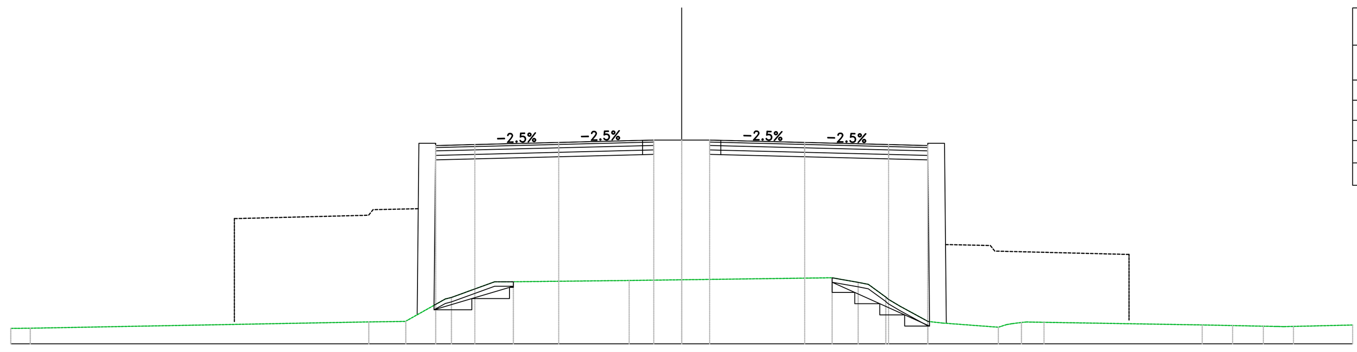


PROGRESSIVE TERRENO	-30.00, -23.72, -21.60, -18.54, -14.36, -12.53, -11.56, -10.74, -10.11, -9.59, -8.75, -5.36, 0.00, 1.71, 5.68, 6.38, 7.45, 8.25, 8.85, 9.48, 11.88, 12.75, 13.48, 18.28, 18.97, 19.63, 30.00
PARZIALI TERRENO	6.28, 2.12, 3.07, 4.18, 1.33, 0.49, 0.61, 0.82, 0.52, 0.72, 3.39, 5.36, 1.71, 3.97, 0.51, 1.07, 0.52, 0.60, 0.63, 2.40, 0.87, 0.50, 4.80, 0.66, 10.37
QUOTE TERRENO	8.62, 8.79, 8.83, 8.89, 8.97, 9.34, 10.00, 10.33, 10.55, 10.76, 10.76, 10.81, 10.88, 10.90, 10.95, 10.86, 10.70, 10.00, 9.51, 9.00, 8.98, 8.98, 9.00, 8.86, 8.84, 8.85, 9.05
PROGRESSIVE PROGETTO	-11.00, -11.00, -10.42, -9.25, -6.75, -5.50, -4.25, -1.75, -1.25, -0.42, 1.25, 1.58, 3.00, 5.50, 8.00, 9.25, 10.42, 11.00, 11.00
PARZIALI PROGETTO	0.58, 1.17, 2.50, 1.25, 1.25, 2.50, 0.33, 0.83, 0.42, 1.25, 0.33, 1.25, 2.50, 2.50, 1.25, 1.17, 0.58
QUOTE PROGETTO	17.27, 17.27, 17.28, 17.31, 17.37, 17.40, 17.44, 17.50, 17.51, 17.51, 17.51, 17.51, 17.50, 17.47, 17.40, 17.34, 17.31, 17.28, 17.27, 17.27
QUOTE SOTTOFONDO	16.63, 16.64, 16.67, 16.73, 16.76, 16.80, 16.86, 16.87, 16.87, 16.87, 16.86, 16.83, 16.76, 16.70, 16.67, 16.64, 16.63

Materiali – Progr.2+180.00

Materiale	Area (m²)	Vol. (m³)
Rilevato	135.57	2806.30
Scavo	0.00	0.00
Scotico	1.68	29.58
Terreno vegetale	0.00	0.00
Gradonatura	0.87	L=4.05

AP01
Sez. 111
Progr.: 2+200.00
Scala : 1:200
Q.Rif. : 8.00

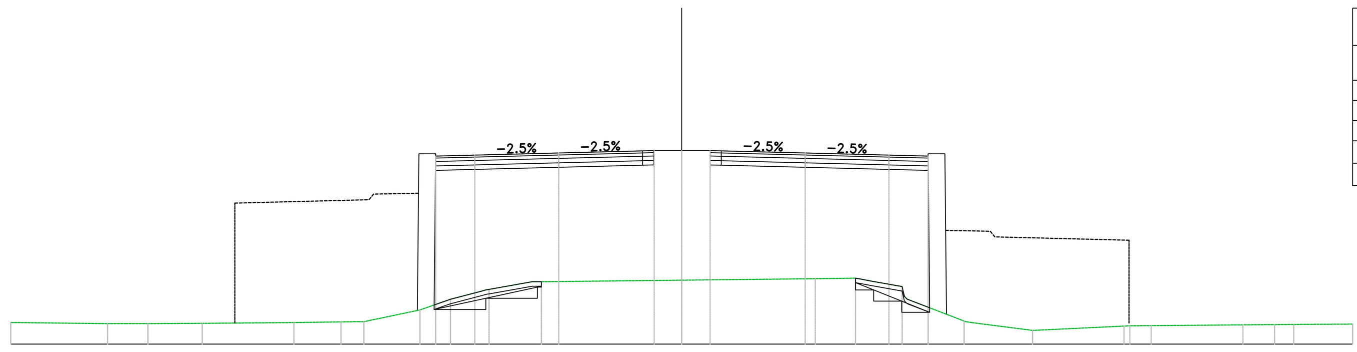


PROGRESSIVE TERRENO	-30.00, -29.13, -13.99, -12.34, -10.30, -8.36, -7.53, -2.35, 0.00, 6.73, 7.89, 9.13, 9.76, 11.01, 11.65, 14.16, 14.76, 15.41, 23.27, 24.63, 26.01, 26.54, 27.36, 30.00
PARZIALI TERRENO	0.87, 15.14, 1.63, 1.77, 1.93, 5.18, 2.35, 6.73, 1.16, 0.78, 0.54, 1.26, 0.64, 2.51, 7.86, 1.36, 1.38, 2.64
QUOTE TERRENO	8.69, 8.70, 8.98, 9.01, 10.07, 10.77, 10.77, 10.83, 10.86, 10.95, 10.74, 10.09, 9.68, 9.00, 8.93, 8.74, 8.90, 8.97, 8.84, 8.81, 8.79, 8.78, 8.78, 8.84
PROGRESSIVE PROGETTO	-11.00, -11.00, -9.25, -5.50, -1.75, -1.25, 0.00, 1.25, 1.75, 5.50, 9.25, 11.00, 11.00
PARZIALI PROGETTO	1.75, 3.75, 3.75, 0.50, 1.25, 1.25, 0.50, 3.75, 3.75, 1.75
QUOTE PROGETTO	16.85, 16.85, 16.90, 16.99, 17.08, 17.10, 17.10, 17.10, 17.08, 16.99, 16.90, 16.85, 16.85
QUOTE SOTTOFONDO	16.21, 16.26, 16.35, 16.44, 16.46, 16.46, 16.46, 16.44, 16.35, 16.26, 16.21

Materiali – Progr.2+200.00

Materiale	Area (m²)	Vol. (m³)
Rilevato	125.40	2609.66
Scavo	0.00	0.00
Scotico	1.58	32.58
Terreno vegetale	0.00	0.00
Gradonatura	1.92	L=8.47

AP01
Sez. 112
Progr.: 2+220.00
Scala : 1:200
Q.Rif. : 8.00

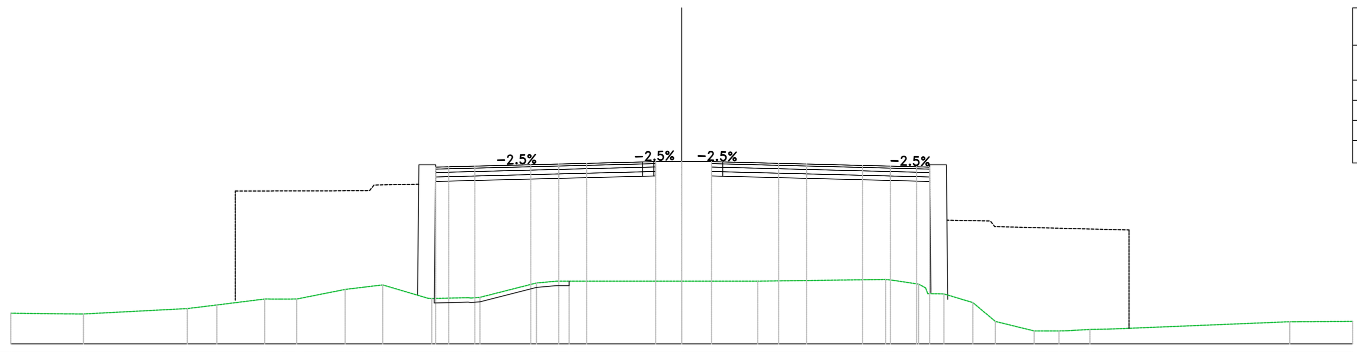


PROGRESSIVE TERRENO	-30.00, -25.67, -24.86, -23.87, -21.44, -17.34, -15.24, -14.21, -11.71, -10.34, -8.62, -6.28, 0.00, 5.97, 7.77, 8.46, 9.85, 12.63, 13.36, 15.69, 20.04, 27.37, 30.00
PARZIALI TERRENO	4.33, 0.81, 0.99, 2.43, 4.10, 2.11, 0.75, 2.51, 1.37, 1.39, 1.93, 6.28, 5.97, 1.80, 1.40, 2.53, 2.33, 4.35, 7.33, 2.63
QUOTE TERRENO	8.96, 8.91, 8.91, 8.91, 8.93, 8.96, 8.99, 9.00, 9.52, 10.00, 10.44, 10.78, 10.85, 10.92, 10.94, 10.81, 10.57, 9.03, 8.91, 8.61, 8.82, 8.88, 8.89
PROGRESSIVE PROGETTO	-11.00, -11.00, -9.25, -5.50, -1.75, -1.23, 1.27, 1.77, 5.52, 9.27, 11.02, 11.02
PARZIALI PROGETTO	1.75, 3.75, 3.75, 0.50, 1.23, 1.27, 0.50, 3.75, 3.75, 1.75
QUOTE PROGETTO	16.39, 16.39, 16.44, 16.53, 16.63, 16.64, 16.64, 16.64, 16.63, 16.53, 16.44, 16.39, 16.39
QUOTE SOTTOFONDO	15.75, 15.80, 15.89, 15.99, 16.00, 16.00, 16.00, 15.99, 15.89, 15.80, 15.75

Materiali – Progr.2+220.00

Materiale	Area (m²)	Vol. (m³)
Rilevato	114.35	2397.45
Scavo	0.00	0.00
Scotico	1.62	32.02
Terreno vegetale	0.00	0.00
Gradonatura	1.92	L=8.47

AP01
Sez. 113
Progr.: 2+240.00
Scala : 1:200
Q.Rif. : 8.00

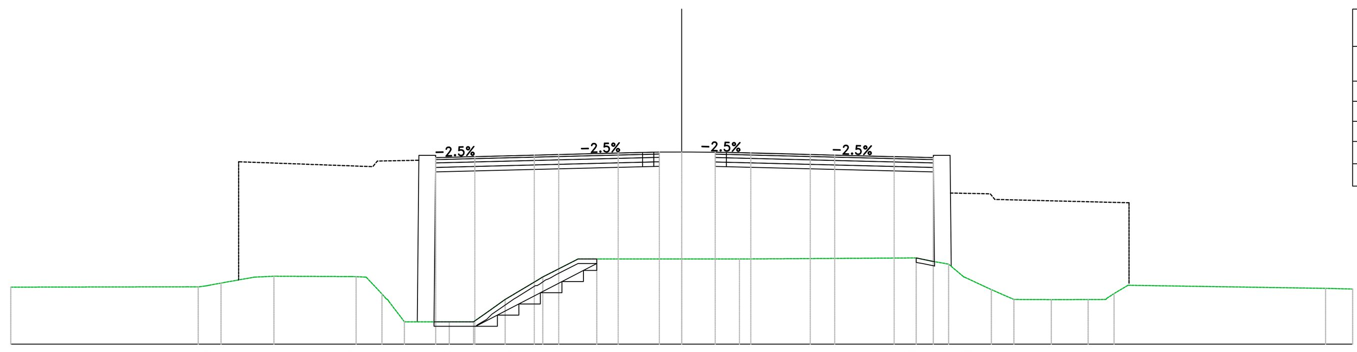


PROGRESSIVE TERRENO	-30.00, -27.56, -26.75, -22.11, -20.79, -18.65, -17.92, -17.22, -15.05, -14.17, -13.37, -11.18, -9.55, -9.02, -6.50, -5.60, -5.03, 0.00, 3.40, 9.12, 10.59, 11.73, 13.02, 14.03, 15.76, 16.32, 16.87, 17.51, 18.26, 19.13, 27.19, 30.00
PARZIALI TERRENO	2.44, 0.68, 4.65, 1.32, 2.14, 0.73, 0.70, 2.17, 0.88, 0.80, 2.03, 1.63, 2.53, 0.90, 0.57, 5.03, 3.40, 5.72, 1.14, 0.73, 1.29, 1.01, 1.73, 0.56, 0.55, 0.74, 0.87, 8.06, 2.36
QUOTE TERRENO	9.37, 9.34, 9.33, 9.57, 9.73, 10.00, 10.00, 10.00, 10.43, 10.54, 10.63, 10.02, 10.06, 10.08, 10.72, 10.80, 10.80, 10.80, 10.80, 10.87, 10.67, 10.23, 9.84, 9.00, 8.58, 8.57, 8.58, 8.60, 8.64, 8.66, 8.99, 9.00
PROGRESSIVE PROGETTO	-11.00, -11.00, -10.42, -9.25, -6.75, -5.50, -4.25, -1.75, -1.42, -1.16, 0.50, 1.33, 1.67, 4.33, 5.58, 8.08, 9.33, 10.50, 11.08, 11.09
PARZIALI PROGETTO	0.58, 1.17, 2.50, 1.25, 1.25, 2.50, 0.33, 1.16, 0.50, 0.83, 0.33, 2.50, 1.25, 2.50, 1.25, 1.17, 0.58
QUOTE PROGETTO	15.89, 15.89, 15.91, 15.93, 16.00, 16.03, 16.06, 16.12, 16.13, 16.14, 16.14, 16.14, 16.13, 16.13, 16.06, 16.03, 15.97, 15.93, 15.91, 15.89, 15.89
QUOTE SOTTOFONDO	15.25, 15.27, 15.29, 15.36, 15.39, 15.42, 15.48, 15.49, 15.50, 15.50, 15.49, 15.48, 15.42, 15.39, 15.33, 15.29, 15.27, 15.25

Materiali – Progr.2+240.00

Materiale	Area (m²)	Vol. (m³)
Rilevato	103.88	2182.27
Scavo	0.00	0.00
Scotico	3.18	47.97
Terreno vegetale	0.00	0.00

AP01
Sez. 114
Progr.: 2+260.00
Scala : 1:200
Q.Rif. : 7.00



PROGRESSIVE TERRENO	-30.00, -22.09, -21.12, -20.60, -19.11, -18.23, -14.75, -14.11, -13.09, -12.40, -10.39, -9.31, -8.77, -7.90, -6.21, -4.63, -3.80, 0.00, 2.58, 10.48, 11.20, 11.94, 12.59, 13.84, 14.86, 16.53, 18.17, 18.97, 19.96, 28.79, 30.00
PARZIALI TERRENO	7.91, 0.52, 1.49, 0.88, 3.18, 0.71, 0.69, 2.00, 1.08, 0.54, 0.87, 1.42, 1.58, 0.52, 3.80, 2.58, 7.90, 0.72, 0.73, 0.65, 1.20, 1.01, 1.67, 1.25, 0.80, 0.62, 8.83, 1.21
QUOTE TERRENO	9.55, 9.57, 9.64, 9.73, 10.00, 10.04, 10.03, 10.00, 8.91, 8.00, 8.00, 8.00, 8.38, 9.00, 10.01, 10.81, 10.81, 10.81, 10.81, 10.86, 10.71, 10.58, 10.03, 9.44, 9.00, 8.99, 9.00, 9.00, 9.64, 9.50, 9.47
PROGRESSIVE PROGETTO	-11.00, -11.00, -9.76, -9.25, -6.59, -5.50, -2.84, -1.60, -1.00, -0.27, 1.50, 2.00, 3.09, 5.75, 6.84, 9.50, 10.01, 11.25, 11.25
PARZIALI PROGETTO	1.24, 0.51, 2.66, 1.09, 2.66, 1.09, 0.35, 0.73, 0.27, 1.50, 0.35, 1.09, 2.66, 1.09, 2.66, 0.51, 1.24
QUOTE PROGETTO	15.35, 15.35, 15.38, 15.40, 15.46, 15.49, 15.56, 15.59, 15.60, 15.60, 15.60, 15.60, 15.58, 15.56, 15.49, 15.46, 15.40, 15.38, 15.35, 15.35
QUOTE SOTTOFONDO	14.71, 14.74, 14.76, 14.82, 14.85, 14.92, 14.95, 14.96, 14.96, 14.96, 14.94, 14.92, 14.85, 14.82, 14.76, 14.74, 14.71

Materiali – Progr.2+260.00

Materiale	Area (m²)	Vol. (m³)
Rilevato	100.56	2044.42
Scavo	0.00	0.00
Scotico	1.73	49.07
Terreno vegetale	0.00	0.00
Gradonatura	1.30	L=6.10

anas
GRUPPO FS ITALIANE

Direzione Progettazione e Realizzazione Lavori

S.S. n.130 "Iglesiente"

Eliminazione degli incroci a raso da Cagliari a Decimomannu da km 3+000 a 15+600

PROGETTO DEFINITIVO — COD. CA316 CA351

PROGETTAZIONE: ATI VIA - LOTTI - SERING - VDP - BRENG

PROGETTISTA E RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:
Dott. Ing. Francesco Nicchiarelli (Ord. Ing. Prov. Roma 14711)

RESPONSABILI D'AREA:
Responsabile Tracciato stradale: Dott. Ing. Massimo Capasso (Ord. Ing. Prov. Roma 26031)
Responsabile Strutture: Dott. Ing. Giovanni Piazza (Ord. Ing. Prov. Roma 27296)
Responsabile Idraulica, Geotecnica e Impianti: Dott. Ing. Sergio Di Maio (Ord. Ing. Prov. Palermo 2872)
Responsabile Ambiente: Dott. Ing. Francesco Ventura (Ord. Ing. Prov. Roma 14660)

GEOLOGO:
Dott. Geol. Enrico Curcuruto (Ord. Geo. Regione Sicilia 966)

COORDINATORE SICUREZZA IN FASE DI PROGETTAZIONE:
Dott. Ing. Sergio Di Maio (Ord. Ing. Prov. Palermo 2872)

RESPONSABILE SIA:
Dott. Ing. Francesco Ventura (Ord. Ing. Prov. Roma 14660)

VISTO: IL RESPONSABILE DEL PROCEDIMENTO:
Dott. Ing. Francesco Corrias

GRUPPO DI PROGETTAZIONE
MANDATARIA: VIA INGEGNERIA
MANDANTI: LOTTI ingegneria, SERING INGEGNERIA, vdp, BRENG BRIDGE ENGINEERING

PROGETTO STRADALE
ASSE PRINCIPALE
SEZIONI TRASVERSALI
TAV 13

Dott. Ing. FRANCESCO NICCHIARELLI — ORDINE INGEGNERI ROMA N° 14711

CODICE PROGETTO	NOME FILE	REVISIONE	SCALA:
PROGETTO: CA316351 — LIV. PROG.: D — ANNO: 19	CA316351_P01PS00TRASZ01-17_A / CODICE ELAB. P01PS00TRASZ13	A	1:200

REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
D		-	-	-	-
C		-	-	-	-
B		-	-	-	-
A	EMISSIONE	FEB 2020	M.TOSI	M.CAPASSO	F. NICCHIARELLI