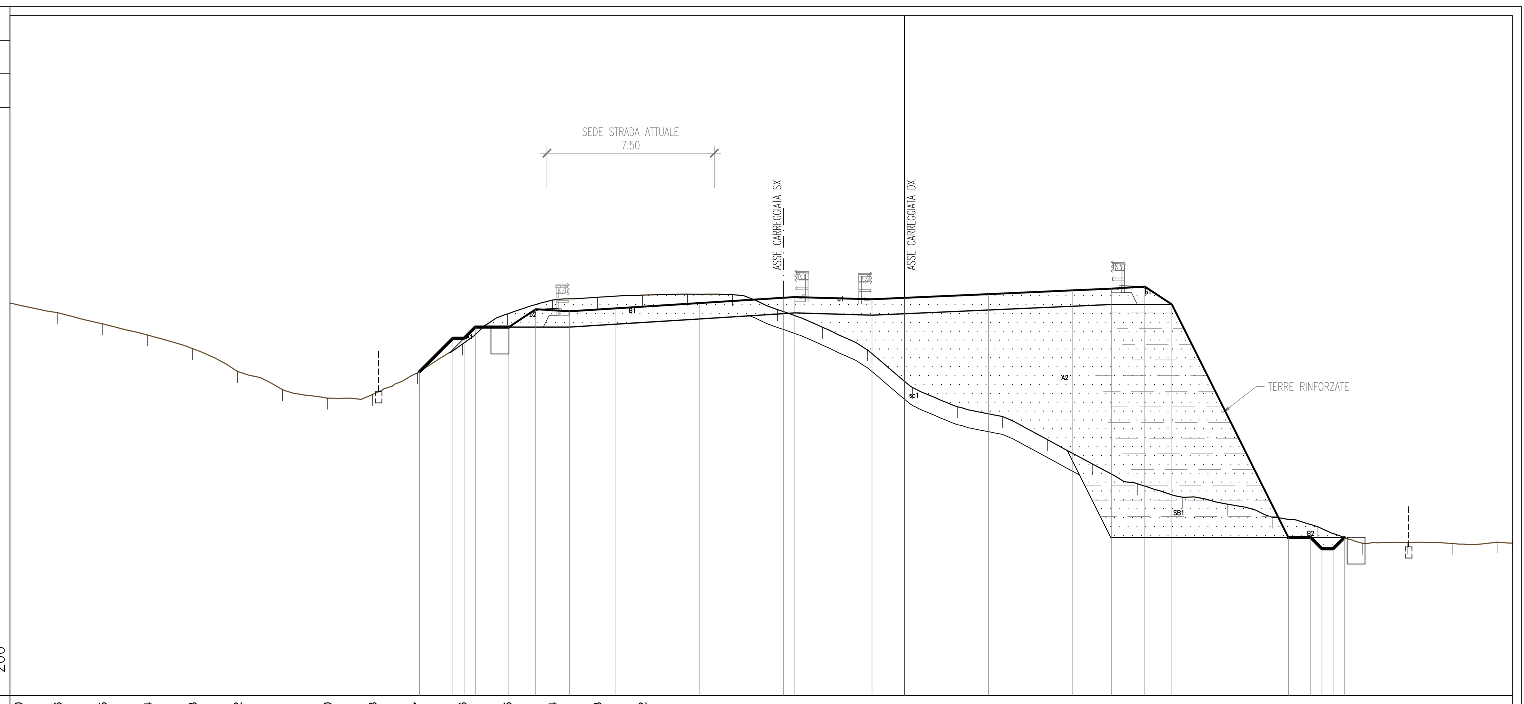
PROFILO DX_RAVA

SEZIONE 13

PROGRESSIVA 300.00

RILEVATO
A1 0.28 m²
A2 108.55 m²
Totale: 108.83 m²
STERRO
B1 13.16 m²
B2 1.83 m²
Totale: 14.99 m²
SBANCAMENTO TERRE RINFORZATE
SB1 17.74 m²
USURA
a1 24.24 m
VEGETALE
b1 2.26 m
b2 2.25 m
Totale: 4.51 m
SCOTICO
sc1 14.84 m



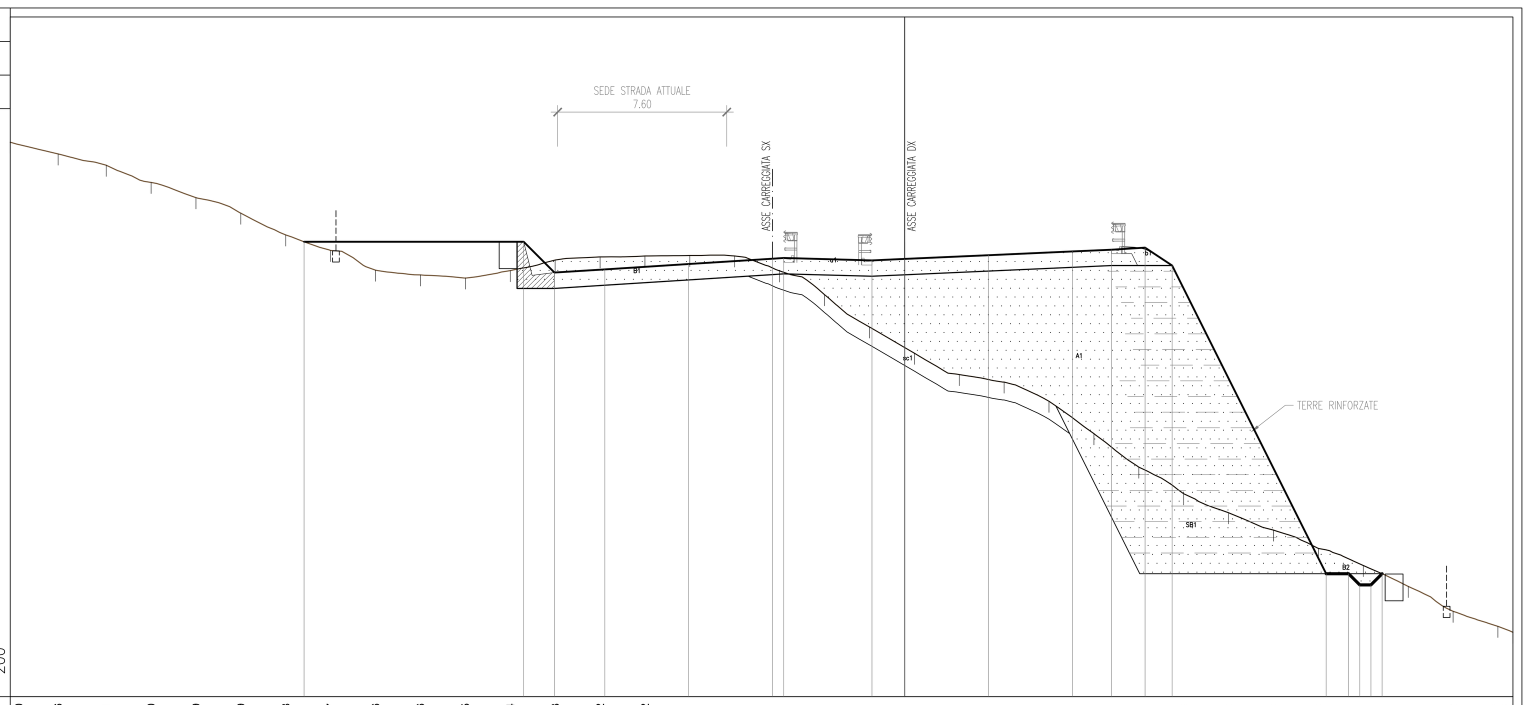
PROGRESSIVE TERRENO	-40.00 -37.86 -35.85 -33.84 -31.83 -29.82 -27.81 -25.80 -23.78 -21.77 -19.76 -17.75 -15.74 -13.73 -11.72 -9.70 -7.69 -5.68 -3.67 -1.66 0.35 2.36 4.38 6.39 8.40 10.41 12.42 14.43 16.44 18.45 20.47 22.48 24.49 26.50 27.20
PARZIALI TERRENO	2.14 2.01 2.01 2.01 2.01 2.01 2.01 2.02 2.01 2.01 2.01 2.01 2.01 2.01 2.02 2.01 2.01 2.01 2.01 2.01 2.01 2.02 2.01 2.01 2.01 2.01 2.01 2.01 2.01 2.02 2.01 2.01 2.01 0.70
QUOTE TERRENO	245.55 245.11 244.62 244.12 243.51 242.48 241.67 241.29 241.46 242.43 243.71 245.06 245.68 245.80 245.90 245.94 245.92 245.25 244.46 243.45 241.77 240.91 240.47 239.44 238.35 237.47 236.86 236.55 235.97 235.55 234.81 234.84 234.80 234.85 234.82
PROGRESSIVE PROGETTO	-21.68 -20.19 -19.69 -19.19 -17.69 -16.49 -14.99 -12.90 -9.15 -5.40 -4.90 -1.45 0.00 3.75 7.50 9.25 10.75 11.96 17.17 18.17 18.67 19.17 19.67
PARZIALI PROGETTO	1.49 0.50 0.50 1.50 1.20 1.50 2.09 3.75 3.75 0.50 3.45 1.45 3.75 3.75 1.75 1.50 1.21 5.21 1.00 0.50 0.50 0.50
QUOTE PROGETTO	242.48 243.97 243.97 244.47 244.47 245.27 245.18 245.31 245.55 245.78 245.82 245.71 245.78 245.95 246.11 246.19 246.28 245.48 235.06 235.06 234.56 234.56 235.06

PROFILO DX_RAVA

SEZIONE 14

PROGRESSIVA 325.00

RILEVATO
A1 126.31 m²
STERRO
B1 12.42 m²
B2 2.20 m²
Totale: 14.62 m²
SBANCAMENTO TERRE RINFORZATE
SB1 33.04 m²
USURA
a1 24.91 m
VEGETALE
b1 2.26 m
SCOTICO
sc1 14.40 m



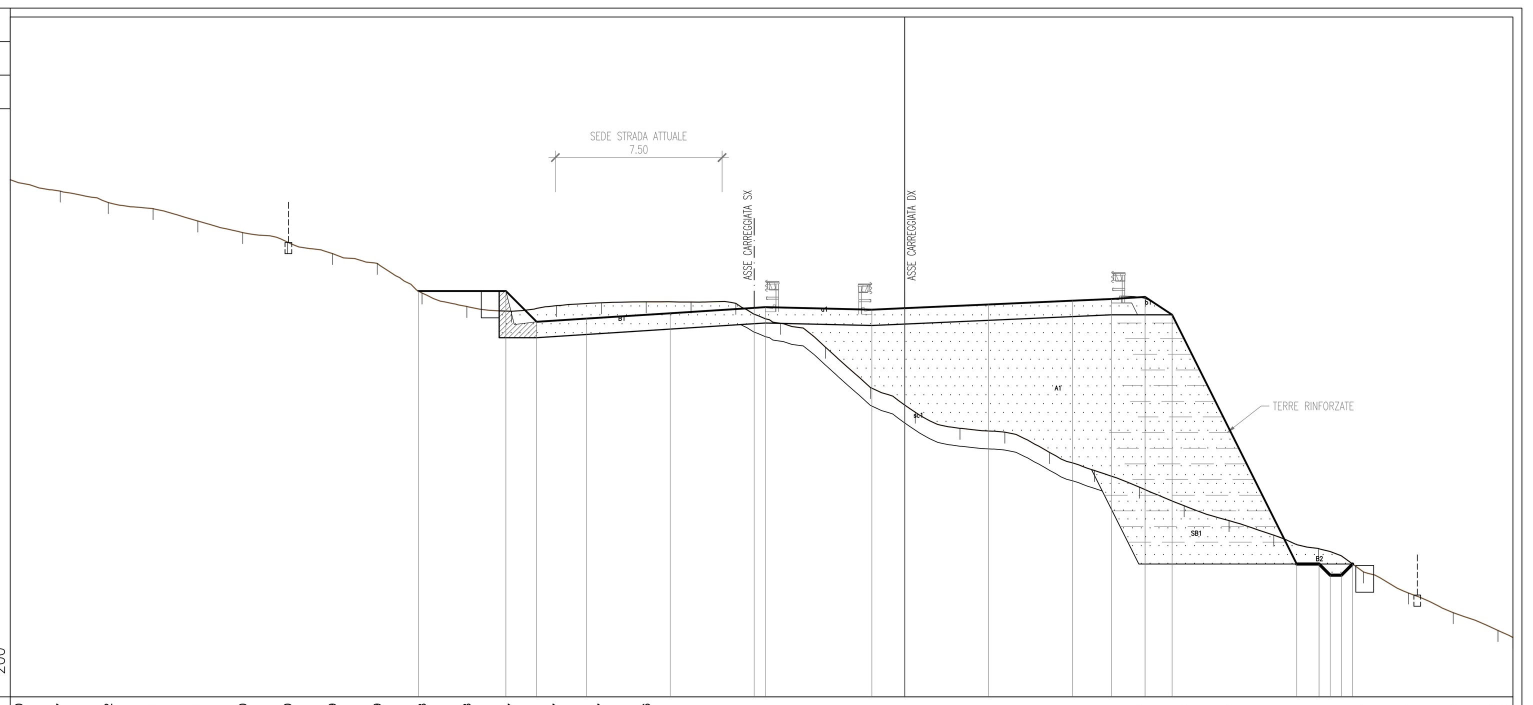
PROGRESSIVE TERRENO	-40.00 -37.86 -35.71 -33.70 -31.69 -29.69 -27.68 -25.67 -23.66 -21.66 -19.65 -17.64 -15.63 -13.62 -11.62 -9.61 -7.60 -5.59 -3.59 -1.58 0.43 2.44 4.45 6.45 8.46 10.47 12.48 14.48 16.49 18.50 20.51 22.51 24.52 26.53 27.20
PARZIALI TERRENO	2.14 2.15 2.01 2.01 2.00 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.00 2.01 2.01 0.67
QUOTE TERRENO	249.80 249.27 248.77 248.00 247.32 246.62 245.65 244.96 244.07 243.86 243.72 244.05 244.53 244.67 244.71 244.73 244.71 244.04 242.98 241.54 240.36 239.41 239.07 238.21 236.76 235.27 234.08 233.23 232.45 231.63 230.87 229.93 228.82 228.15 227.88
PROGRESSIVE PROGETTO	-26.86 -17.04 -15.66 -13.41 -9.66 -5.91 -5.41 -1.47 0.00 3.75 7.50 9.25 10.75 11.96 18.85 19.85 20.35 20.85 21.35
PARZIALI PROGETTO	9.82 1.38 2.25 3.75 3.75 0.50 3.94 1.47 3.75 3.75 1.75 1.50 1.21 6.89 1.00 0.50 0.50 0.50
QUOTE PROGETTO	245.34 245.34 243.97 244.11 244.35 244.59 244.62 244.51 244.58 244.75 244.91 244.99 245.08 244.28 230.50 230.50 230.00 230.00 230.50

PROFILO DX_RAVA

SEZIONE 15

PROGRESSIVA 350.00

RILEVATO
A1 114.09 m²
STERRO
B1 14.13 m²
B2 2.10 m²
Totale: 16.23 m²
SBANCAMENTO TERRE RINFORZATE
SB1 20.03 m²
USURA
a1 25.71 m
VEGETALE
b1 2.26 m
SCOTICO
sc1 16.14 m



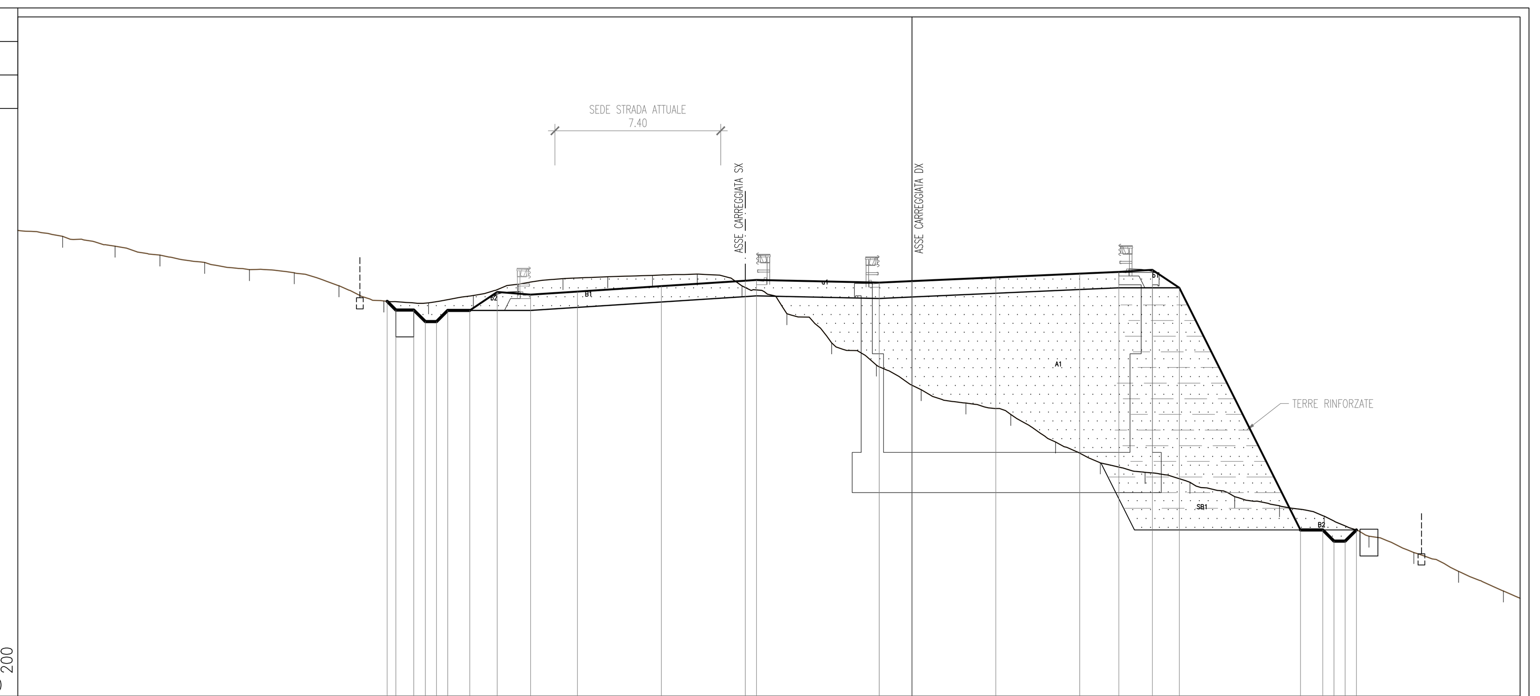
PROGRESSIVE TERRENO	-40.00 -37.77 -35.62 -33.61 -31.61 -29.60 -27.60 -25.59 -23.59 -21.58 -19.58 -17.57 -15.57 -13.57 -11.56 -9.56 -7.55 -5.55 -3.54 -1.54 0.47 2.47 4.48 6.48 8.49 10.49 12.50 14.50 16.51 18.51 20.52 22.52 24.53 26.53 27.20
PARZIALI TERRENO	2.23 2.15 2.01 2.00 2.01 2.00 2.01 2.00 2.01 2.00 2.01 2.00 2.00 2.01 2.00 2.01 2.00 2.01 2.00 2.01 2.00 2.01 2.00 2.01 2.00 2.01 2.00 2.01 2.00 2.01 2.00 2.01 2.00 0.67
QUOTE TERRENO	249.13 248.62 248.10 247.83 247.28 246.76 246.34 245.82 245.38 244.06 243.46 243.24 243.49 243.62 243.66 243.65 243.60 242.70 241.63 239.83 238.73 238.00 237.84 236.92 236.12 235.38 234.54 233.88 233.23 232.63 231.58 230.64 229.76 228.96 228.65
PROGRESSIVE PROGETTO	-21.75 -17.83 -16.46 -14.24 -10.48 -6.73 -6.23 -1.47 0.00 3.75 7.50 9.25 10.75 11.96 17.53 18.53 19.03 19.53 20.03
PARZIALI PROGETTO	3.92 1.37 2.22 3.76 3.75 0.50 4.76 1.47 3.75 3.75 1.75 1.50 1.21 5.57 1.00 0.50 0.50 0.50
QUOTE PROGETTO	244.15 244.15 242.77 242.91 243.15 243.39 243.43 243.31 243.38 243.55 243.71 243.79 243.88 243.08 231.94 231.94 231.44 231.44 231.94

PROFILO DX_RAVA

SEZIONE 16

PROGRESSIVA 366.79

RILEVATO
A1 124.51 m²
STERRO
B1 16.28 m²
B2 1.97 m²
Totale: 18.25 m²
SBANCAMENTO TERRE RINFORZATE
SB1 16.42 m²
USURA
a1 26.31 m
VEGETALE
b1 2.26 m
b2 2.27 m
Totale: 4.53 m



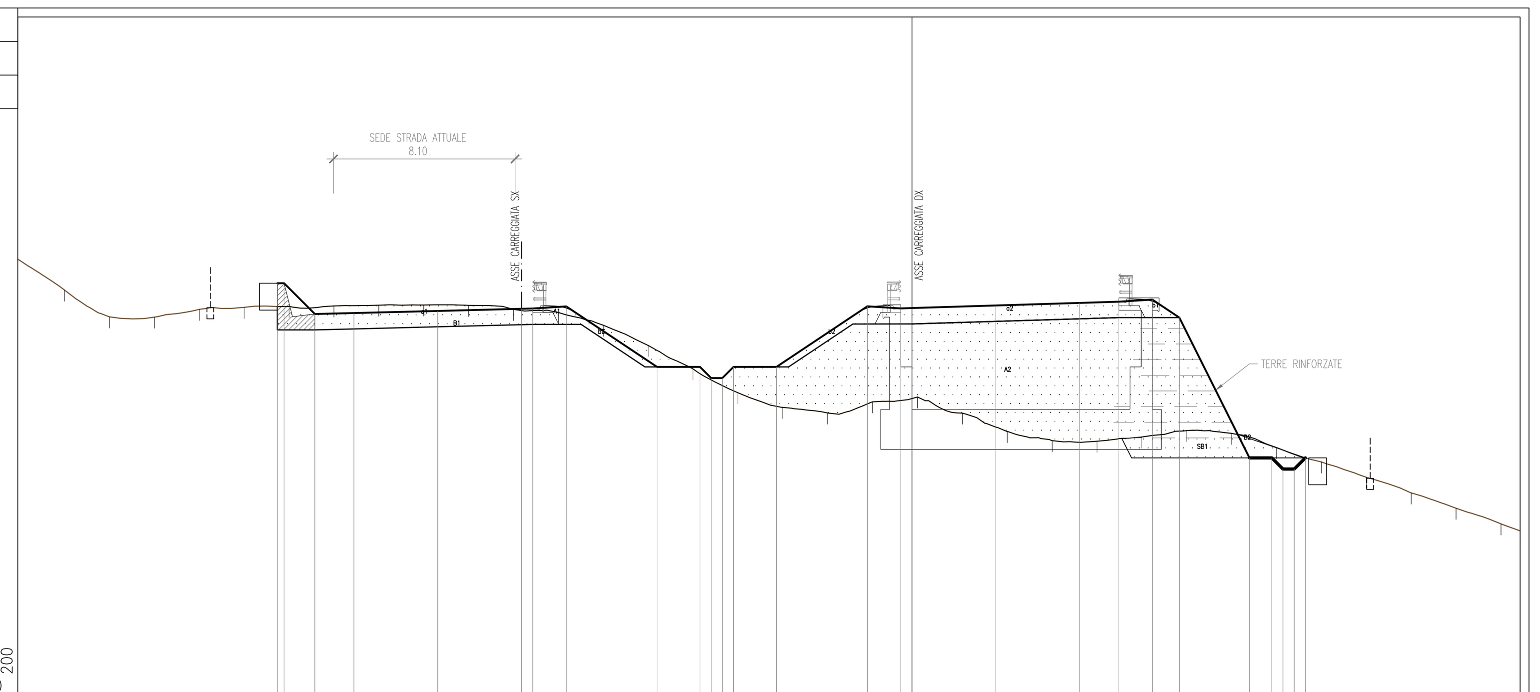
PROGRESSIVE TERRENO	-40.00 -37.99 -35.65 -33.65 -31.64 -29.64 -27.64 -25.63 -23.63 -21.63 -19.62 -17.62 -15.62 -13.61 -11.61 -9.61 -7.60 -5.60 -3.60 -1.59 0.41 2.41 4.42 6.42 8.42 10.43 12.43 14.43 16.44 18.44 20.44 22.45 24.45 26.45 27.20
PARZIALI TERRENO	2.01 2.34 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 0.75
QUOTE TERRENO	244.84 244.58 244.14 243.74 243.41 243.09 242.95 242.37 241.68 241.60 241.93 242.43 242.69 242.77 242.83 242.89 242.36 241.11 239.81 238.81 237.72 237.12 236.61 235.37 234.44 234.01 233.57 232.93 232.52 232.05 231.16 230.43 229.58 228.71 228.38
PROGRESSIVE PROGETTO	-23.48 -23.09 -22.29 -21.77 -21.27 -20.77 -19.78 -18.56 -17.06 -14.97 -11.21 -7.46 -6.96 -1.47 0.00 3.75 7.50 9.25 10.75 11.96 17.38 18.38 18.88 19.38 19.88
PARZIALI PROGETTO	0.39 0.80 0.52 0.50 0.50 0.99 1.22 1.50 2.09 3.76 3.75 0.50 5.49 1.47 3.75 3.75 1.75 1.50 1.21 5.42 1.00 0.50 0.50 0.50
QUOTE PROGETTO	241.67 241.28 241.28 240.76 240.76 241.26 241.26 242.09 241.97 242.11 242.35 242.59 242.62 242.51 242.57 242.74 242.91 242.99 243.08 242.28 231.44 231.44 230.94 230.94 231.44

PROFILO DX_RAVA

SEZIONE 17

PROGRESSIVA 581.90

RILEVATO
A1 0.50 m²
A2 98.28 m²
Totale: 98.78 m²
STERRO
B1 15.05 m²
B2 0.06 m²
Totale: 15.11 m²
SBANCAMENTO TERRE RINFORZATE
SB1 7.13 m²
USURA
a1 9.75 m
a2 9.75 m
Totale: 19.50 m
VEGETALE
b1 2.26 m
b2 5.11 m
b3 5.10 m
Totale: 12.47 m



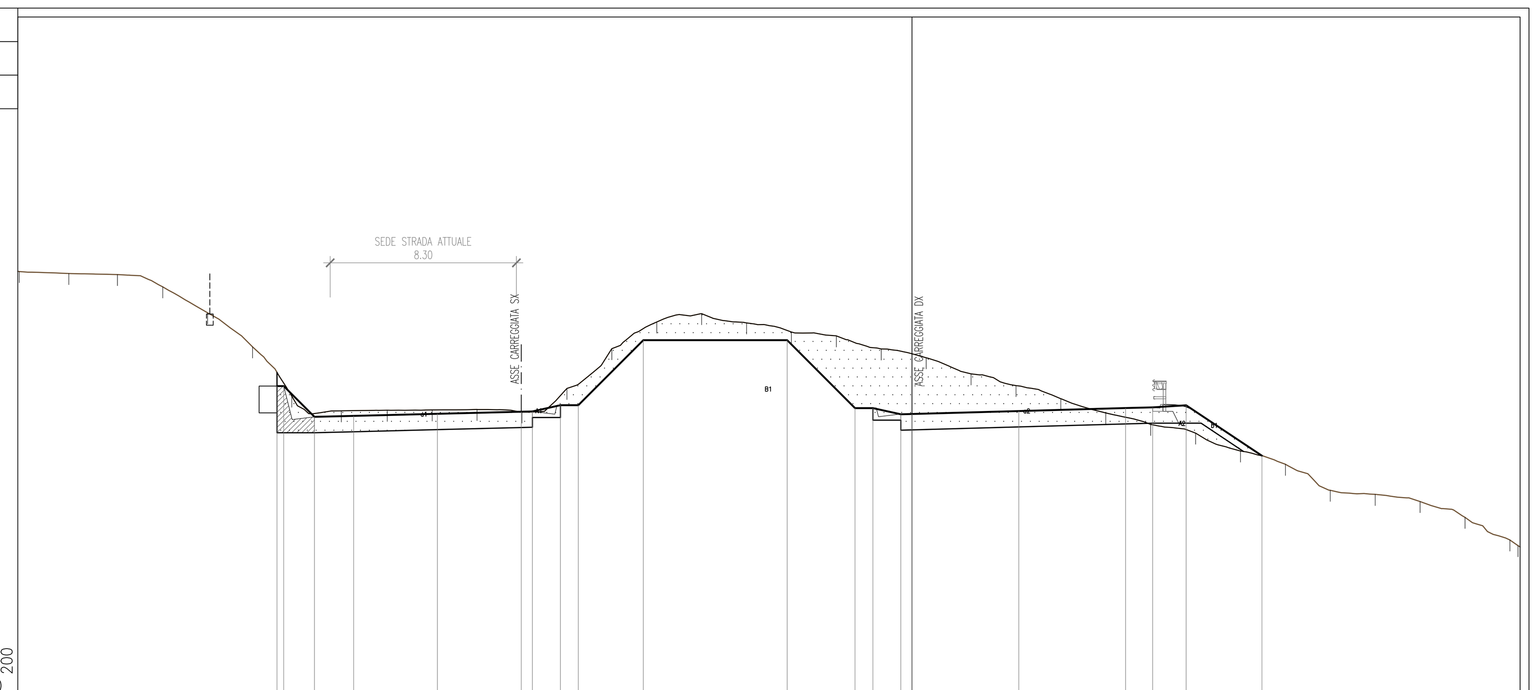
PROGRESSIVE TERRENO	-40.00 -37.90 -35.90 -33.89 -31.88 -29.87 -27.87 -25.86 -23.85 -21.84 -19.83 -17.83 -15.82 -13.81 -11.80 -9.80 -7.79 -5.78 -3.77 -1.76 0.24 2.25 4.26 6.27 8.27 10.28 12.29 14.30 16.31 18.31 20.32 22.33 24.34 26.34 27.20
PARZIALI TERRENO	2.10 2.00 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.00 0.86
QUOTE TERRENO	234.56 233.18 231.98 231.98 232.32 232.41 232.45 232.47 232.51 232.52 232.50 232.32 232.18 231.61 230.71 229.66 228.59 227.94 227.69 228.19 228.40 227.68 226.86 226.45 226.43 226.61 226.90 226.78 226.14 225.50 224.81 224.11 223.43 222.73 222.42
PROGRESSIVE PROGETTO	-28.39 -28.09 -26.71 -24.96 -21.21 -17.46 -16.96 -15.46 -11.41 -9.48 -8.98 -8.48 -7.98 -6.06 -2.00 -0.50 0.00 3.75 7.50 9.25 10.75 11.96 15.09 16.09 16.59 17.09 17.59
PARZIALI PROGETTO	0.30 1.38 1.75 3.75 3.75 0.50 1.50 4.05 1.93 0.50 0.50 0.50 1.92 4.06 1.50 0.50 3.75 3.75 1.75 1.50 1.21 3.13 1.00 0.50 0.50 0.50
QUOTE PROGETTO	233.49 233.49 232.12 232.16 232.25 232.35 232.36 232.45 229.75 229.75 229.25 229.25 229.75 229.75 232.46 232.37 232.38 232.50 232.61 232.67 232.76 231.96 225.68 225.68 225.18 225.18 225.68

PROFILO DX_RAVA

SEZIONE 18

PROGRESSIVA 594.43

RILEVATO
A1 0.05 m²
A2 4.65 m²
Totale: 4.70 m²
STERRO
B1 50.87 m²
USURA
a1 9.75 m
a2 11.26 m
Totale: 21.01 m
VEGETALE
b1 4.44 m



PROGRESSIVE TERRENO	-39.94 -37.72 -35.54 -33.52 -31.51 -29.50 -27.75 -25.53 -23.47 -21.46 -19.46 -17.45 -15.44 -13.43 -11.42 -9.41 -7.40 -5.39 -3.39 -1.38 0.63 2.64 4.65 6.66 8.67 10.68 12.68 14.69 16.70 18.71 20.72 22.73 24.74 26.75 27.11
PARZIALI TERRENO	2.28 2.18 2.02 2.01 2.01 1.75 2.22 2.06 2.01 2.00 2.01 2.01 2.01 2.01 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.01 2.01 2.01 2.01 2.01 2.00 2.01 2.01 2.01 2.01 2.01 2.01 0.45
QUOTE TERRENO	238.02 237.93 237.88 237.33 236.17 234.65 232.45 231.79 231.81 231.83 231.85 231.74 232.79 234.57 235.76 236.13 235.72 235.31 235.14 234.56 234.16 233.44 232.92 232.33 231.69 231.18 230.79 229.99 229.40 228.24 228.05 227.73 227.02 226.01 225.76
PROGRESSIVE PROGETTO	-28.40 -28.10 -26.73 -24.98 -21.23 -17.48 -16.98 -15.73 -14.93 -12.02 -5.59 -2.55 -1.75 -0.50 0.00 4.78 9.55 10.76 12.26 15.65
PARZIALI PROGETTO	0.30 1.37 1.75 3.75 3.75 0.50 1.25 0.80 2.91 6.43 3.04 0.80 1.25 0.50 4.78 4.77 1.21 1.50 3.39
QUOTE PROGETTO	232.90 232.90 231.52 231.56 231.66 231.75 231.76 232.04 232.04 234.95 234.95 231.91 231.91 231.63 231.65 231.78 231.91 231.95 232.04 229.78

anas
Direzione Progettazione e Realizzazione Lavori

ITINERARIO INTERNAZIONALE E78
S.G.C. GROSSETO - FANO
Adeguamento a 4 Corsie nel Tratto Grosseto - Siena
(S.S. 223 "DI PAGANICO") dal Km 27+200 al Km 30+038 - Lotto 4

PROGETTO ESECUTIVO — COD. FI13

PROGETTAZIONE: ATI SINTAGMA - GDG - ICARIA

IL RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:
Dott. Ing. Nando Granieri
Ordine degli Ingegneri della Prov. di Perugia n° A351

IL PROGETTISTA:
Dott. Ing. Federico Durastanti
Ordine degli Ingegneri della Prov. di Terni n° A844

IL GEOLOGO:
Dott. Geol. Giorgio Cerquiglini
Ordine dei Geologi della Regione Umbria n°108

Il R.U.P.
Dott. Ing.
Antonio Scalamandrè

IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:
Dott. Ing. Filippo Pambianco
Ordine degli Ingegneri della Prov. di Perugia n° A1373

IL GRUPPO DI PROGETTAZIONE:
MANDATARIA: Sintagma
MANDANTI: GEOTECHNICAL DESIGN GROUP; ICARIA società di ingegneria

Dott.Ing. N.Granieri
Dott.Arch. N.Kamenicky
Dott.Ing. V.Truffini
Dott.Arch. A.Bracchini
Dott.Ing. F.Durastanti
Dott.Geol. G.Cerquiglini
Geom. S.Scopetta
Dott.Ing. L.Sbrenna
Dott.Ing. E.Sellari
Dott.Ing. L.Stoppini
Dott.Ing. L.Dinelli
Dott.Ing. L.Nani
Dott.Ing. F.Pambianco
Dott. Agr. F.Berti Nulli

Dott. Ing. D.Carlaccini
Dott. Ing. S.Sacconi
Dott. Ing. G.Cordua
Dott. Ing. V.De Gori

Dott. Ing. V.Rotisciani
Dott. Ing. F.Macchioni
Dott. Ing. M.Sorbelli
Dott. Ing. V.Piunno
Dott. Ing. G.Pulli

PROTOCOLLO | DATA

PROGETTO STRADALE

Sezioni trasversali Asse Destro dalla progr. 0+300.00 alla progr. 0+594.43

CODICE PROGETTO (PROGETTO / LIV. PROG. / N. PROG.)	NOME FILE / CODICE ELAB.	REVISIONE	SCALA:
LO702B E 1701	P00-PS00-TRA-SZ02-A / P00PS00TRASZ02	A	1:100

REV.	DESCRIZIONE	DATA	REDATTO	VERIFICATO	APPROVATO
A	Emissione	16/10/2017	L.Stoppini	S.Scopetta	N.Granieri