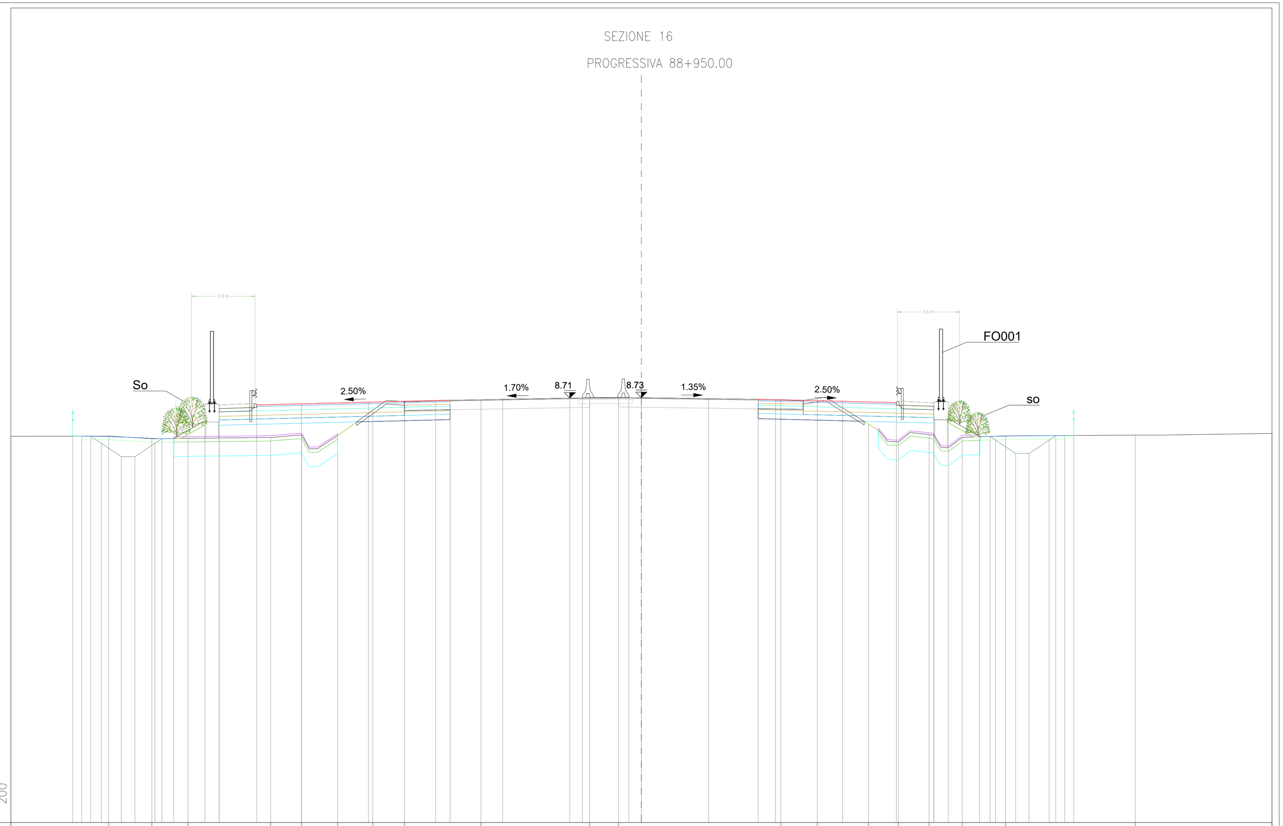
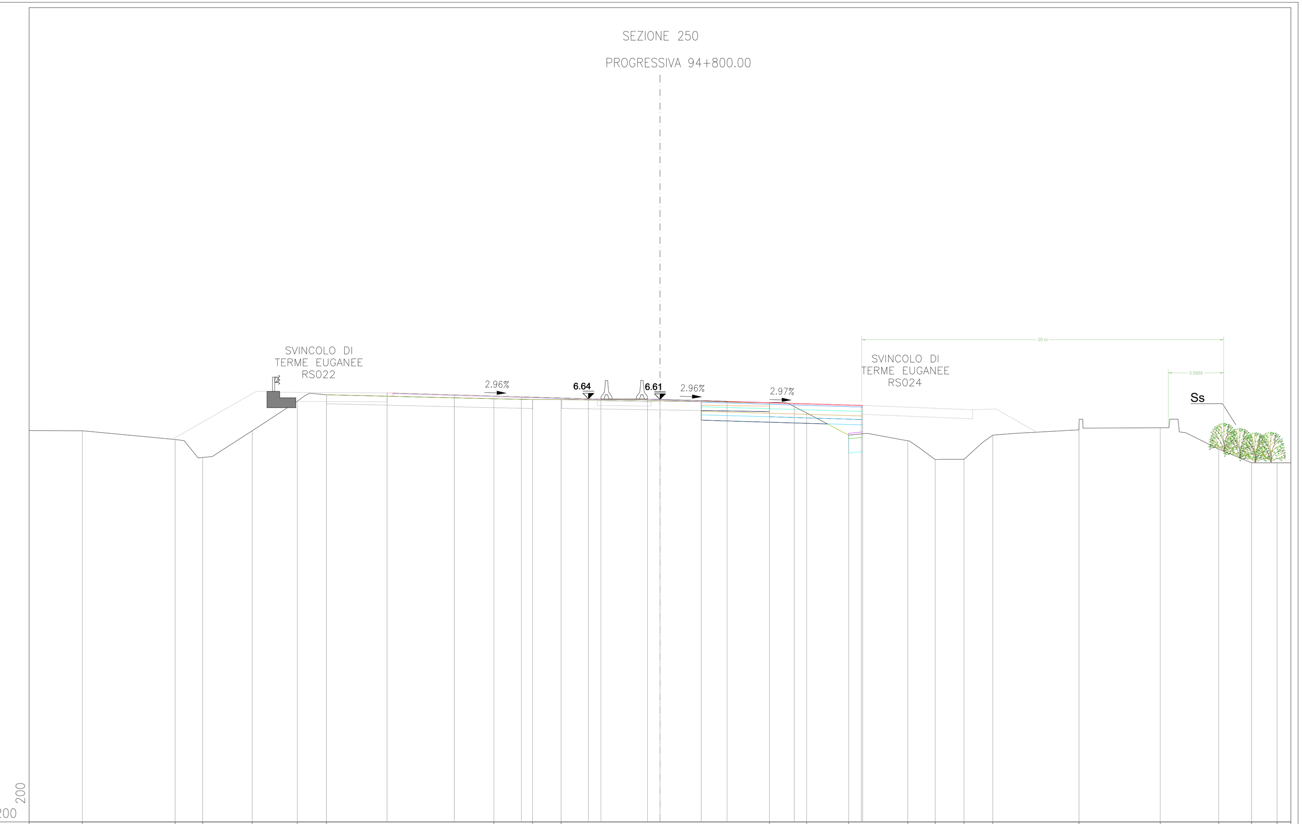
ASSE A13_PD_r05



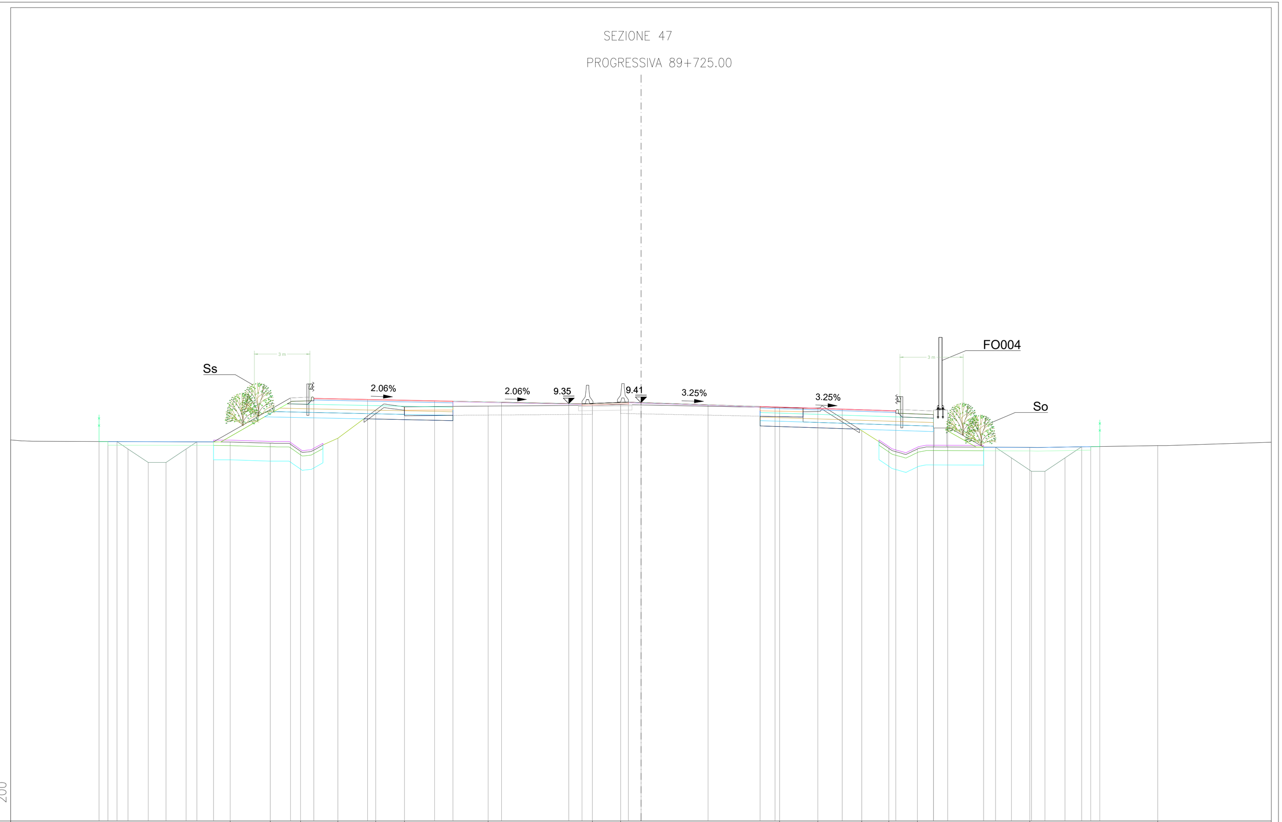
PROGRESSIVE TERRENO	-35.25 -29.77 -27.36 -25.34 -20.72 -18.99 -16.98 -15.01 -13.24 -8.97 -2.89 -1.27 7.80 9.83 12.69 14.35 16.09 17.93 20.35 27.61 35.25
PARZIALI TERRENO	5.48 2.41 2.02 4.62 1.73 2.01 1.97 1.77 4.27 6.08 1.62 9.07 2.03 2.86 1.66 1.74 1.84 2.42 7.26 7.64
QUOTE TERRENO	6.57 6.58 6.44 6.45 6.51 6.65 6.61 8.03 8.51 8.59 8.69 8.71 8.59 8.68 7.25 6.25 6.67 6.51 6.59 6.63 6.73
PROGRESSIVE PROGETTO	-31.78 -31.28 -30.78 -30.19 -29.06 -28.31 -27.19 -26.80 -26.15 -24.40 -23.60 -23.60 -21.50 -19.00 -15.25 -11.50 -10.69 -7.75 -4.00 -3.30 -0.70 0.00 3.75 6.53 7.50 11.25 14.25 16.35 16.35 17.15 18.90 19.49 19.79 20.92 21.67 22.79 23.16 23.66 24.17
PARZIALI PROGETTO	0.50 0.50 0.59 1.13 0.75 1.12 0.39 0.65 1.74 0.80 2.10 2.50 3.75 3.75 0.81 2.94 3.75 0.70 2.60 0.70 3.75 2.78 0.97 3.75 3.00 2.10 0.80 1.78 0.56 0.30 1.13 0.75 1.12 0.37 0.50 0.51
QUOTE PROGETTO	6.58 6.58 6.58 6.18 5.43 5.43 6.18 6.44 6.44 7.37 8.32 7.37 8.33 8.39 8.48 8.58 8.60 8.65 8.71 8.72 8.74 8.73 8.68 8.65 8.62 8.53 8.45 7.50 8.45 7.56 6.56 6.56 6.36 5.61 5.61 6.36 6.61 6.61 6.61

ASSE A13_PD_r05



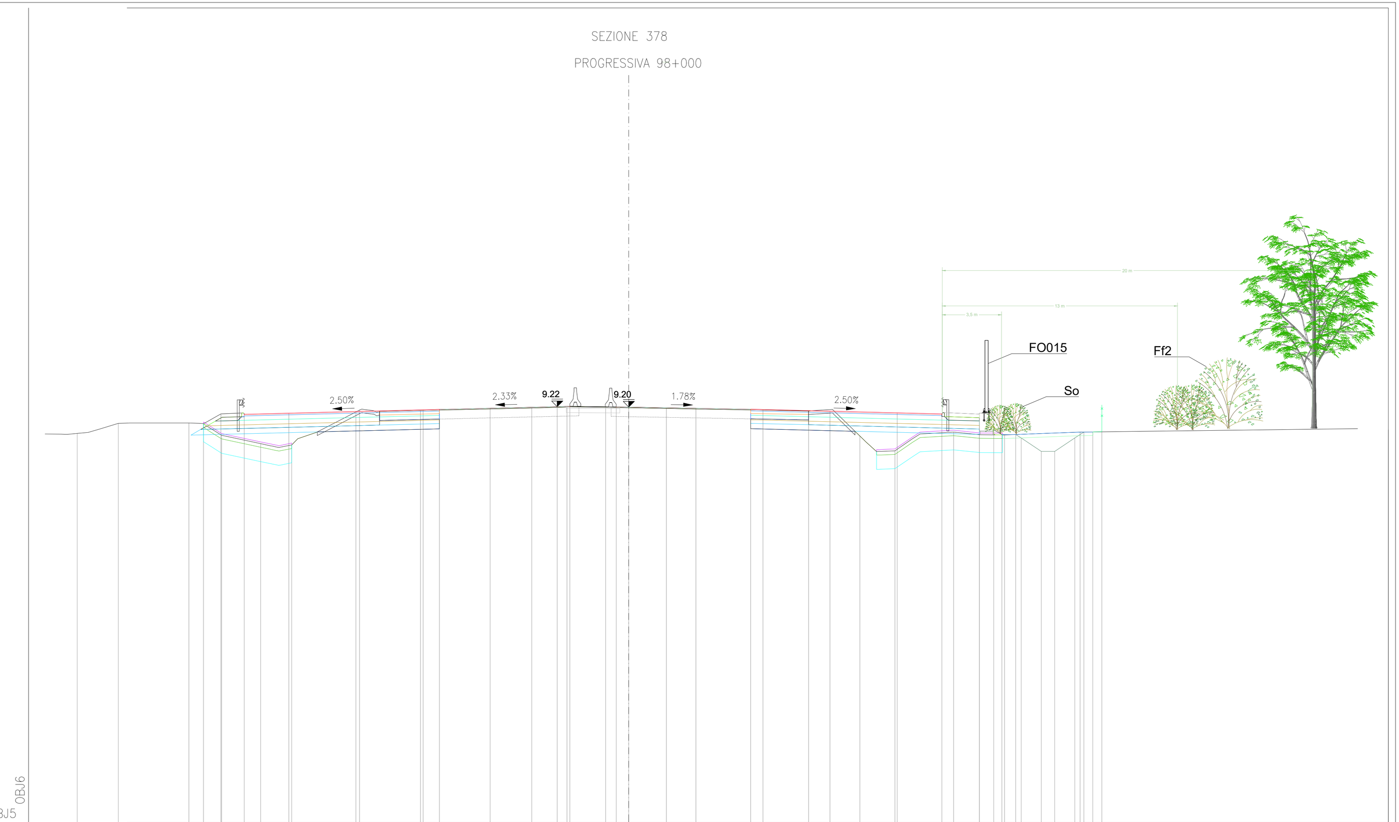
PROGRESSIVE TERRENO	-32.28 -27.09 -25.56 -22.79 -20.27 -18.64 -9.28 -7.12 -5.53 6.11 8.19 10.54 13.84 15.37 16.99 18.59 23.41 27.95 31.22 33.05 34.48
PARZIALI TERRENO	2.97 5.19 1.53 2.77 2.52 1.63 9.36 2.16 1.59 11.64 2.08 2.35 3.30 1.53 1.62 1.60 4.82 4.54 3.27 1.83 2.20
QUOTE TERRENO	4.86 4.37 3.37 4.86 6.51 6.87 6.65 6.60 6.61 6.43 5.86 4.61 4.30 3.25 3.26 4.62 4.91 5.03 3.83 3.07 3.07
PROGRESSIVE PROGETTO	-15.25 -11.50 -7.75 -4.00 -3.30 -0.70 0.00 2.31 3.75 7.50 11.25 11.32
PARZIALI PROGETTO	3.75 3.75 3.75 0.70 2.60 0.70 2.31 1.44 3.75 3.75 0.07
QUOTE PROGETTO	6.98 6.87 6.76 6.64 6.62 6.63 6.61 6.54 6.50 6.39 6.28 6.27

ASSE A13_PD_r05



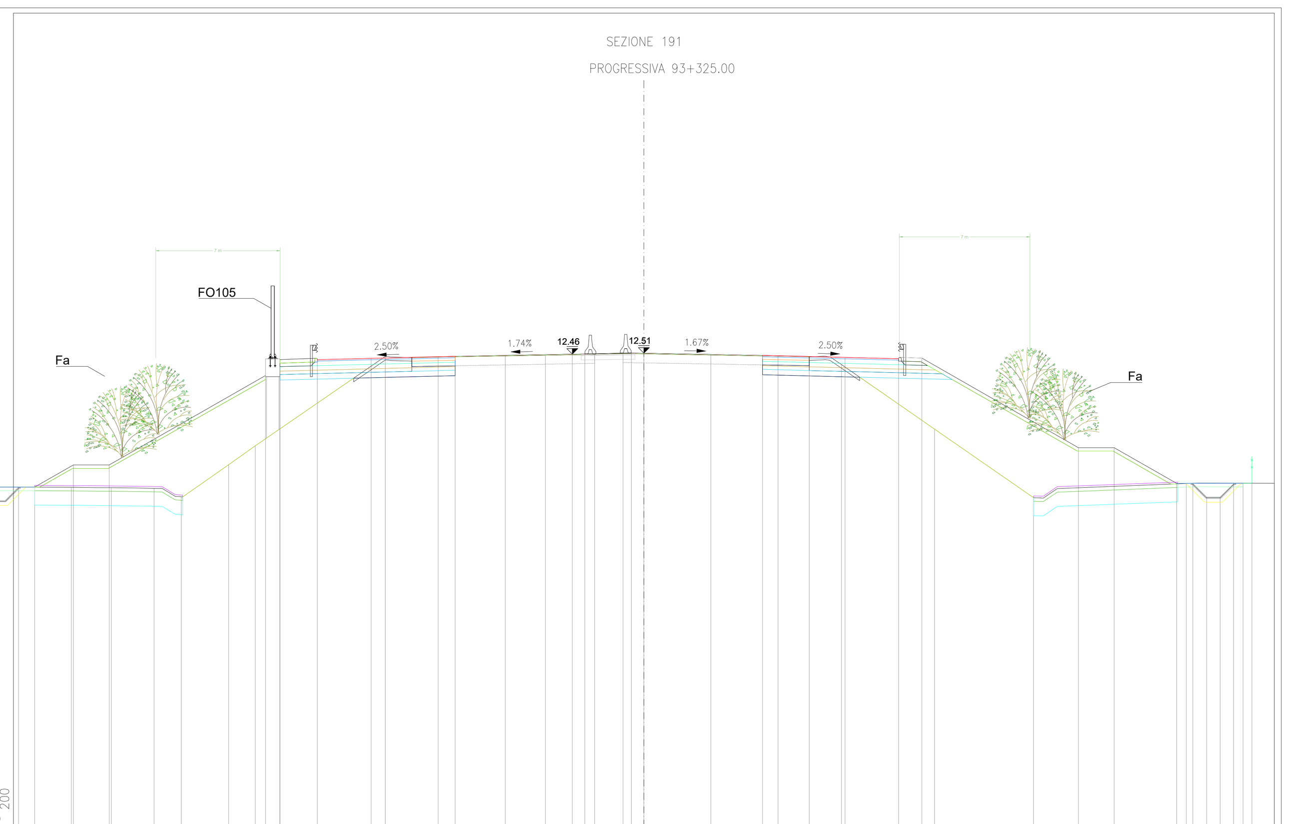
PROGRESSIVE TERRENO	-35.25 -22.98 -20.73 -19.03 -16.95 -14.84 -13.22 -8.55 -2.72 -1.14 7.75 9.89 12.34 13.85 15.45 21.74 28.90 35.25
PARZIALI TERRENO	12.27 2.25 1.70 2.08 2.11 1.62 4.67 5.83 1.58 8.89 2.14 2.45 1.51 1.60 6.29 7.16 6.35
QUOTE TERRENO	7.32 7.20 7.13 6.68 7.41 8.98 9.17 9.20 9.25 9.30 9.12 9.10 7.84 6.85 6.81 6.90 7.00 7.19
PROGRESSIVE PROGETTO	-30.31 -29.81 -29.30 -28.68 -27.56 -26.56 -25.43 -24.84 -23.90 -19.59 -18.29 -15.29 -11.54 -10.52 -7.79 -4.04 -3.30 -0.70 0.00 3.75 6.66 7.50 11.25 14.25 16.35 16.35 17.15 19.16 19.82 20.71 21.84 22.59 23.71 24.65 25.15 25.66
PARZIALI PROGETTO	0.50 0.51 0.62 1.12 1.00 1.13 0.59 0.94 4.31 1.30 3.00 3.75 1.02 2.73 3.75 0.74 2.60 0.70 3.75 2.91 0.84 3.75 3.00 2.10 0.80 2.01 0.66 0.89 1.13 0.75 1.12 0.94 0.50 0.51
QUOTE PROGETTO	7.23 7.22 7.22 6.81 6.06 6.06 6.81 7.21 7.21 9.67 9.64 9.58 9.50 9.48 9.43 9.35 9.33 9.43 9.41 9.28 9.19 9.16 9.04 8.94 7.99 8.94 8.05 6.91 6.91 6.31 5.56 5.56 6.31 6.93 6.93 6.95

ASSE OBJ1



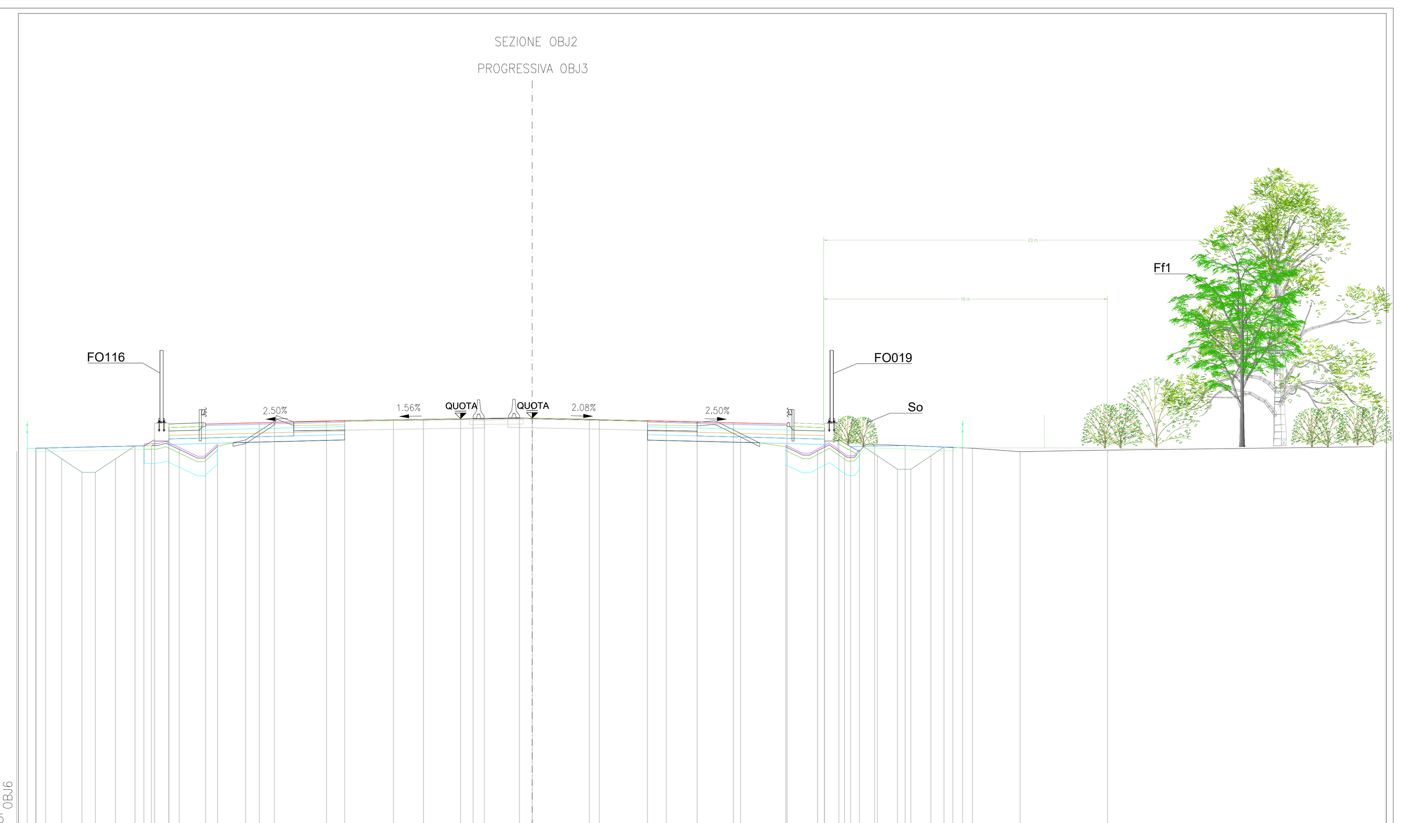
PROCEDURA1 LIVELLO1	-30.83 -28.53 -24.59 -22.76 -20.58 -18.84 -15.05 -11.64 -5.43 -3.45 -1.29 2.10 10.05 12.92 14.88 18.16 21.00 25.22 35.25
PROCEDURA2 LIVELLO2	2.30 3.94 1.83 2.18 1.74 3.79 3.41 6.21 1.98 2.16 3.39 7.95 2.87 1.96 3.28 2.84 4.22 10.03
PROCEDURA3 LIVELLO3	7.72 8.29 8.31 7.62 7.15 7.08 9.03 9.00 9.15 9.19 9.18 9.12 8.98 7.57 6.75 7.80 7.64 7.80 7.92
PROCEDURA4 LIVELLO4	-23.78 -22.80 -21.50 -19.00 -15.25 -11.50 -10.59 -7.75 -4.00 -3.30 -0.70 0.00 3.75 6.81 7.50 11.25 15.00 17.50 19.60 19.60 20.40 20.85 21.63 21.93 23.06 23.81 24.93 25.44 25.94 26.45
PROCEDURA5 LIVELLO5	0.98 1.30 2.50 3.75 3.75 0.91 2.84 3.75 0.70 2.60 0.70 3.75 3.06 0.69 3.75 3.75 2.50 2.10 0.80 0.49 0.74 0.30 1.13 0.75 1.12 0.51 0.50 0.51
PROCEDURA6 LIVELLO6	8.26 8.82 8.80 8.86 8.95 9.05 9.07 9.13 9.22 9.24 9.21 9.20 9.13 9.08 9.06 8.97 8.88 8.81 7.86 8.81 7.93 7.67 7.67 7.47 6.72 6.72 7.47 7.81 7.81 7.82

ASSE A13_PD_r05



PROGRESSIVE TERRENO	-32.01 -29.78 -27.39 -25.86 -23.22 -21.72 -14.45 -5.50 -2.75 -1.17 9.25 11.05 16.26 21.79 30.33 35.25
PARZIALI TERRENO	6.30 2.23 2.39 1.53 2.64 1.50 7.27 8.95 2.75 1.58 10.42 1.80 5.21 5.53 8.54 4.92
QUOTE TERRENO	5.01 4.99 4.96 4.48 6.28 7.33 12.33 12.39 12.44 12.48 12.31 11.87 8.27 4.43 5.22 5.23
PROGRESSIVE PROGETTO	-34.96 -34.07 -31.90 -29.90 -21.15 -20.35 -20.35 -18.25 -15.25 -11.50 -10.55 -7.75 -4.00 -3.30 -0.70 0.00 3.75 6.63 7.50 11.25 14.25 15.55 24.30 26.30 29.79 30.70 31.47 32.22 32.97 33.50 34.00
PARZIALI PROGETTO	0.75 0.89 2.17 2.00 8.75 0.80 2.10 3.00 3.75 0.95 2.80 3.75 0.70 2.60 0.70 3.75 2.88 0.87 3.75 3.00 1.30 8.75 2.00 3.54 0.86 0.77 0.75 0.75 0.53 0.50
QUOTE PROGETTO	5.03 5.02 6.26 6.26 11.19 12.14 11.19 12.15 12.23 12.32 12.34 12.39 12.46 12.47 12.52 12.51 12.44 12.39 12.37 12.28 12.20 12.23 7.23 7.23 5.23 5.23 4.46 4.46 5.21 5.24 5.24

ASSE OBJ1



PROCEDURA1 LIVELLO1	-35.25 -27.76 -21.28 -19.72 -17.58 -16.02 -14.41 -6.07 -2.68 3.21 9.22 11.65 14.19 15.95 17.47 19.15 20.86 24.61 27.28 32.17 35.25
PROCEDURA2 LIVELLO2	7.49 6.48 1.56 2.14 1.56 1.61 8.34 3.39 5.89 6.01 2.43 2.54 1.76 1.52 1.68 1.71 3.75 2.67 4.89 3.08
PROCEDURA3 LIVELLO3	8.02 8.19 8.34 8.13 8.30 8.66 9.71 9.77 9.83 9.77 9.64 9.02 8.26 8.04 7.78 8.39 8.34 8.19 8.00 8.09 8.13
PROCEDURA4 LIVELLO4	-28.22 -27.72 -27.20 -26.29 -25.16 -24.41 -23.29 -22.20 -21.70 -21.11 -20.31 -20.31 -18.25 -15.25 -11.50 -10.48 -7.75 -4.00 -3.30 -0.70 0.00 3.75 6.45 7.50 11.25 14.25 16.35 16.35 17.15 17.80 18.29 19.30 20.42 21.17 22.30 23.03 23.53 24.06
PROCEDURA5 LIVELLO5	0.50 0.52 0.91 1.13 0.75 1.12 1.09 0.57 0.50 0.80 2.06 3.00 3.75 1.02 2.73 3.75 0.70 2.60 0.70 3.75 2.70 1.05 3.75 3.00 2.10 0.80 0.65 0.49 0.23 0.78 1.12 0.75 1.13 0.73 0.50 0.53
PROCEDURA6 LIVELLO6	8.18 8.19 8.20 7.60 6.85 6.85 7.60 8.32 8.32 8.60 9.55 8.60 9.55 9.62 9.72 9.74 9.79 9.84 9.86 9.89 9.87 9.80 9.74 9.71 9.62 9.55 8.59 9.54 8.66 8.28 8.01 7.77 7.02 7.02 7.77 8.26 8.26 8.21

autostrade per l'italia

AUTOSTRADA (A13) : BOLOGNA-PADOVA

AMPLIAMENTO ALLA TERZA CORSIA

TRATTO: BOLOGNA ARCOVEGGIO - FERRARA SUD

PROGETTO ESECUTIVO

AUTOSTRADA A13

OPERE A VERDE

sezioni trasversali caratteristiche

IL PROGETTISTA SPECIALISTICO	IL RESPONSABILE INTEGRAZIONE PRESTAZIONI SPECIALISTICHE	IL DIRETTORE TECNICO
Dott. For. Daniele Mascellani Ord. Agr. For. Milano N. 1693 Responsabile Ingegneria Naturalistica e Ambientale	Ing. Mario Brugnoli Ord. Ingg. Roma N. A24308	Ing. Sara Frisiani Ord. Ingg. Genova N. 9810A T.A. Ambiente

CODICE IDENTIFICATIVO

Codice Commessa	Lotto, Sub-Prog, Cod. Appalto	Fase	Capitolo	Paragrafo	W B S	Parte d'opera	Tip.	Disciplina	Progressivo	Rev.	ORDINATORE	SCALA
111315	0000	PE	AU	AMB	OV000	00000	D	SUA	2811	0	-	1:400

(RIFERIMENTO PROGETTO: Codice Commessa – Lotto; RIFERIMENTO DIRETTORIO: Fase – Parte d'opera; RIFERIMENTO ELABORATO: Tip. – Rev.)

TECNE Sustainable Engineering

ENGINEER COORDINATOR: Ing. Mario Brugnoli, Ord. Ingg. Roma N. A24308

SUPPORTO SPECIALISTICO:

REDATTO:

VERIFICATO:

REVISIONE	
n.	data
0	LUGLIO 2022

VISTO DEL COMMITTENTE: autostrade per l'italia — IL RESPONSABILE UNICO DEL PROCEDIMENTO Ing. Maurizio Torresi

VISTO DEL CONCEDENTE: Ministero delle Infrastrutture e della mobilità sostenibili — DIPARTIMENTO PER LA PROGRAMMAZIONE, LE INFRASTRUTTURE DI TRASPORTO A RETE E I SISTEMI INFORMATIVI

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