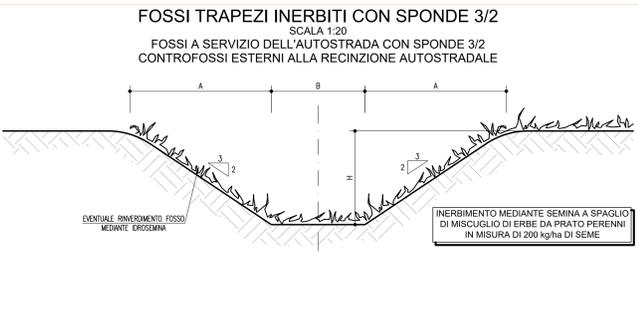


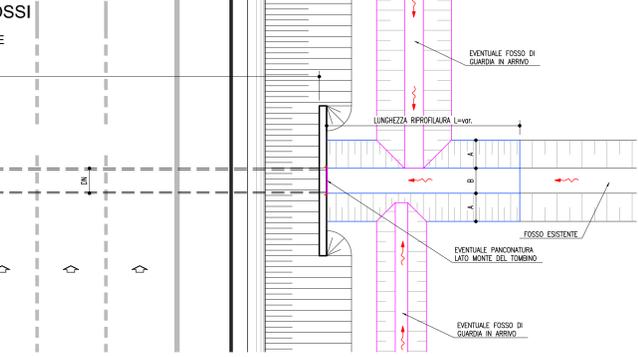
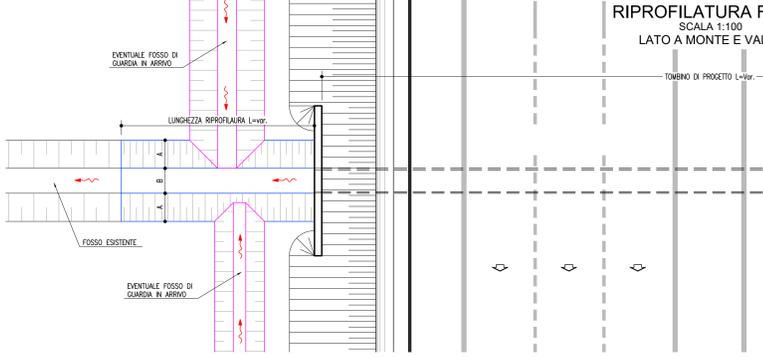
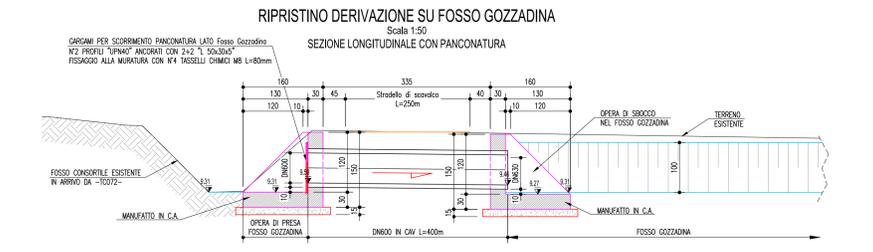
FOSSI TRAPEZI INERBITI - CONTROFOSSI PARALLELI ALL'AUTOSTRADA ASSE SUD E ASSE NORD

FOSSO	A	B	H	INGOMBRO IN TESTA	LUNGHEZZA TRATTO
FT901A	1.13	0.75	0.75	3.00	270.50
FT901B	1.13	0.75	0.75	3.00	222.50
FT903	1.13	0.75	0.75	3.00	436.50
FT904	1.13	0.50	0.75	2.75	130.00
FT905	1.50	1.50	1.00	4.50	425.00
FT906	0.75	0.75	0.50	2.25	80.00
FT907	0.75	0.75	0.50	2.25	200.00
FT908	0.75	0.75	0.50	2.25	100.00
FT909	0.75	0.75	0.50	2.25	100.00
FT910	0.75	0.75	0.50	2.25	100.00
FT911	0.75	0.75	0.50	2.25	100.00
FT912	1.28	0.85	0.85	3.40	285.00
FT913	1.28	0.85	0.85	3.40	285.00
FT914	1.28	0.85	0.85	3.40	185.00
FT915	1.28	0.85	0.85	3.40	185.00
FT916	1.28	0.85	0.85	3.40	94.00
FT917	1.28	0.85	0.85	3.40	100.00
FT918	1.13	0.75	0.75	3.00	605.00
FT919	1.13	0.75	0.75	3.00	355.00
FT920	1.13	0.75	0.75	3.00	355.00
FT921	1.13	0.75	0.75	3.00	308.00
FT922	1.13	0.75	0.75	3.00	415.00
FT923	0.75	0.50	0.50	2.00	231.00
FT924	0.75	0.50	0.50	2.00	96.00



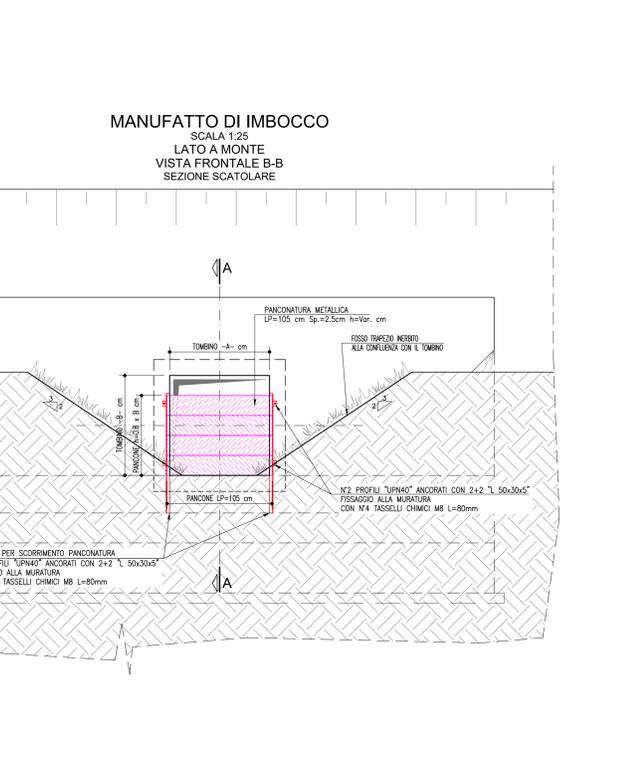
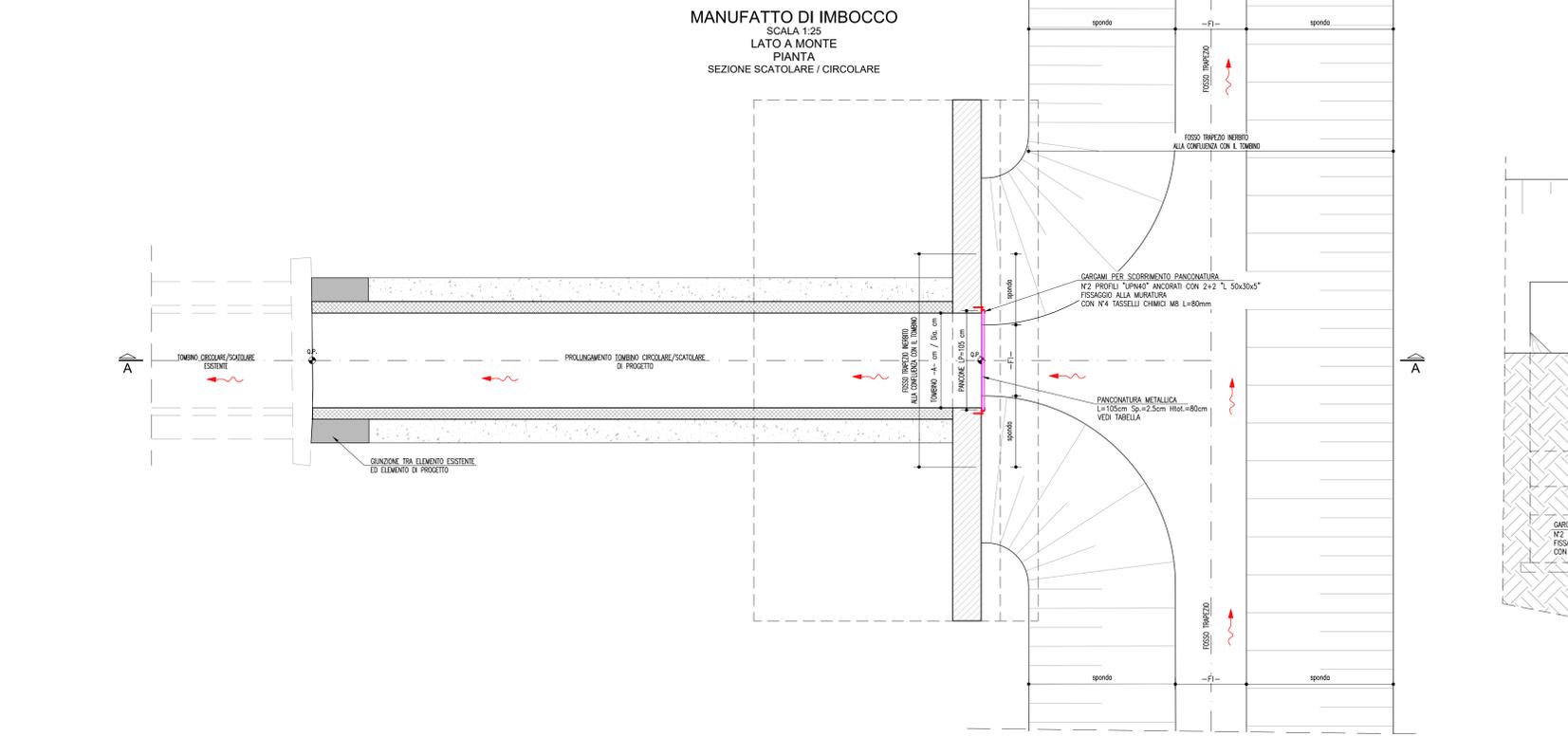
FOSSI TRAPEZI INERBITI - RIPROFILATURE FOSSI A MONTE E A VALLE DEI TOMBINI

CS	WBS	PK	FOSSO IN OVEST				FOSSO IN EST					
			A	B	H	INGOMBRO IN TESTA	A	B	H	INGOMBRO IN TESTA		
C03	TS003	1+912.33	112.5	75	75	300	112.5	75	75	300	8	
C03	TS004	2+292.22	75	75	50	225	9	75	75	50	225	8
C03	TS005	2+574.90	112.5	75	75	300	7	112.5	75	75	300	8
C03	TC006	3+192.64	112.5	75	75	300	7	112.5	75	75	300	7
C03	TS011	4+315.68	112.5	75	75	300	5	112.5	75	75	300	7
C03	TS012	4+570.30	75	75	50	225	9	75	75	50	225	8
C03	TC014	4+915.41	112.5	75	75	300	6	112.5	75	75	300	9
C03	TS015	5+170.17	112.5	75	75	300	7	112.5	75	75	300	10
C03	TS017	5+424.30	75	75	50	225	20	-	-	-	-	-
C03	TC018	5+687.95	75	75	50	225	7.5	112.5	75	75	300	8.5
C03	TC019	5+889.23	75	75	50	225	4	112.5	75	75	300	8.5
C03	TS020	6+118.48	75	75	50	225	4	112.5	75	75	300	8.5
C03	TC021	6+44.27	75	75	50	225	27	112.5	75	75	300	8
C04	TS023	6+687.00	112.5	75	75	300	6	112.5	75	75	300	7.5
C04	TC024	7+166.35	112.5	75	75	300	4.5	112.5	75	75	300	8
C05	TC027	7+726.17	112.5	75	75	300	11	75	75	50	225	9
C05	TC035	8+237.23	75	75	50	225	5	75	75	50	225	5
C05	TS037	8+556.00	75	75	50	225	5	75	75	50	225	5
C05	TC039	8+968.70	75	75	50	225	5	75	75	50	225	5
C05	TS041	9+637.54	75	75	50	225	5	75	75	50	225	5
C05	TS044	10+325.00	75	75	50	225	5	75	75	50	225	5
C05	TS045	10+359.26	75	75	50	225	5	75	75	50	225	5
C05	TC046	10+602.83	75	75	50	225	5	75	75	50	225	5
C08	TS055	12+524.61	75	75	50	225	5	75	75	50	225	5
C08	TC058	12+906.18	75	75	50	225	1	75	75	50	225	1
C09	TS061	13+555.67	75	75	50	225	1	75	75	50	225	47
C10	TS066	14+374.74	75	75	50	225	2	75	75	50	225	2
C11	TS070	14+658.00	75	75	50	225	5	75	75	50	225	5
C11	TC072	15+156.54	75	75	50	225	5	75	75	50	225	5
C11	TS074	15+719.30	112.5	75	75	300	6	-	-	-	-	-
C11	TS077	16+277.20	75	75	50	225	5	75	75	50	225	5
C11	TC085	18+034.00	75	75	50	225	5	75	75	50	225	5
C13	TS096	19+188.78	75	75	50	225	37	75	75	50	225	29
C14	TS101	20+670.82	75	75	50	225	1	75	75	50	225	1
C14	TS102	20+738.25	75	75	50	225	5	75	75	50	225	5
C14	TS103	20+947.20	112.5	75	75	300	7	112.5	75	75	300	7
C15	TC107	21+797.45	112.5	75	75	300	13	112.5	75	75	300	16
C15	TS114	23+506.63	112.5	75	75	300	5	112.5	75	75	300	5
C16	TS118	24+240.43	75	75	50	225	10	75	75	50	225	5
C22	TS138	31+823.04	75	75	50	225	5	75	75	50	225	10
C22	TS144	33+505.14	75	75	50	225	7	75	75	50	225	5

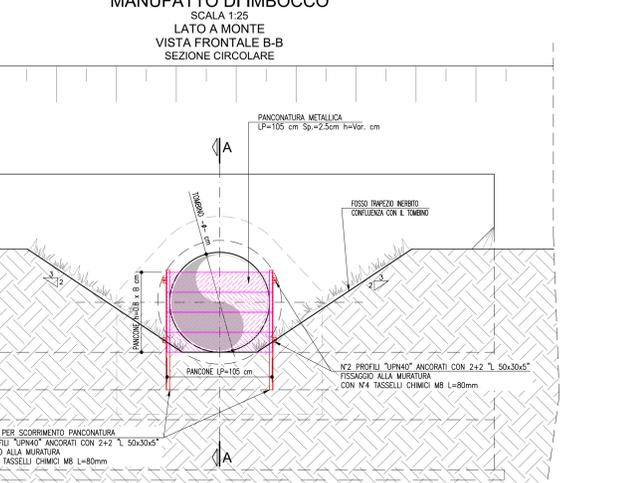
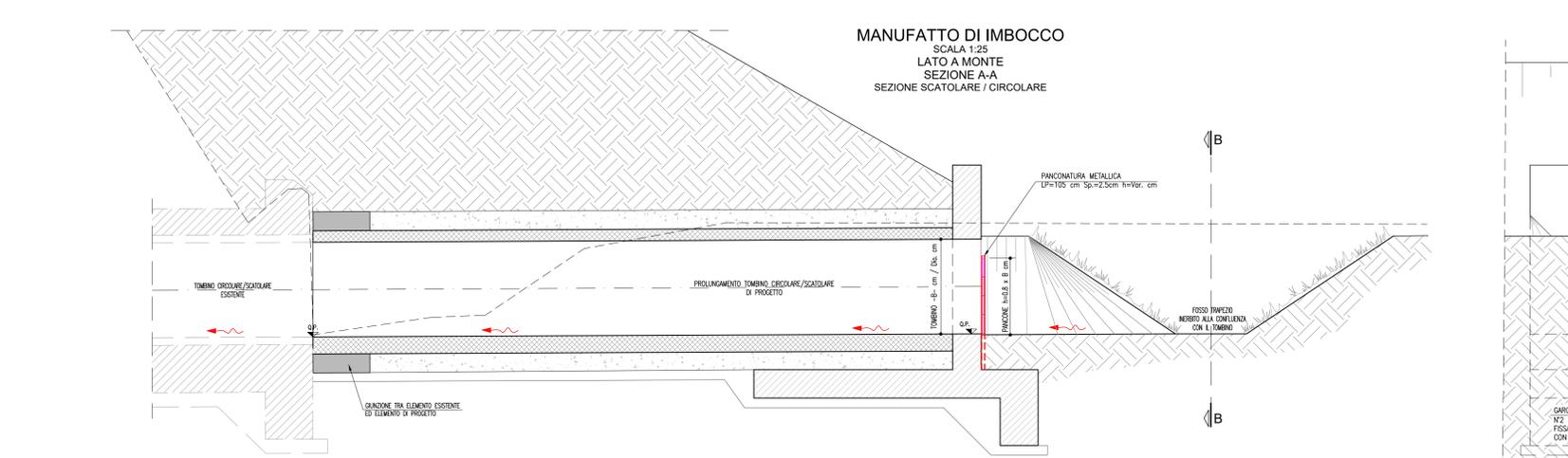


PANCONATURE TOMBINI

Nome	SEZIONE DI PROGETTO / ESISTENTE	DIMENSIONE -A-x-B- / Ø	LATO PANCONATURA SU PROLUNGAMENTO	LATO PANCONATURA SU ESISTENTE	h (cm)	-LP- (cm)
TS002	SCATOLARE	1.00x1.00m	OVEST		80	105
TC007	CIRCOLARE	Ø 900	EST		75	105
TS008	SCATOLARE	1.00x1.00m	OVEST		80	105
TS009	SCATOLARE	1.00x1.00m	OVEST		80	105
TC013	CIRCOLARE	Ø 1000	EST		80	105
TC025	CIRCOLARE	Ø 1000	OVEST		80	105
TS036	SCATOLARE	1.00x1.00m	EST		80	105
TS038	SCATOLARE	0.80x0.80m	OVEST		65	105
TS040	SCATOLARE	1.00x1.00m	EST		80	105
TS042	SCATOLARE	1.00x0.85m	OVEST		70	105
TS063	SCATOLARE	1.00x1.00m	OVEST		80	105
TS068	SCATOLARE	1.00x1.00m	EST		80	105
TS069	SCATOLARE	1.00x1.00m	OVEST		80	105
TC071	CIRCOLARE	Ø 1150		OVEST	95	105
TS073	SCATOLARE	1.00x1.00m	EST		80	105
C111	TS070	SCATOLARE	1.00x1.00m	OVEST	80	105
TC076	CIRCOLARE	Ø 800		OVEST	65	105
TS081	SCATOLARE	1.00x1.00m	OVEST		80	105
TS084	SCATOLARE	1.00x1.00m	OVEST		80	105
TS086	SCATOLARE	1.00x0.85m		OVEST	70	105
TC087	CIRCOLARE	Ø 1000		OVEST	80	105
TS088	SCATOLARE	1.00x0.90m		OVEST	75	105
TC089	SCATOLARE	1.00x1.00m	OVEST		80	105
TC092	CIRCOLARE	Ø 1000	EST		80	105
TS095	SCATOLARE	1.00x1.00m	OVEST		80	105
TS104	SCATOLARE	1.00x1.00m	EST		80	105
TC105	CIRCOLARE	Ø 1000	EST		80	105
TC106	CIRCOLARE	Ø 1000	SI EST		80	105
TS111	SCATOLARE	1.00x1.00m	SI EST		80	105
TS113	SCATOLARE	1.00x1.00m	OVEST		80	105
TS134	SCATOLARE	1.00x1.00m	OVEST		80	105
TC135	CIRCOLARE	Ø 1000	EST		80	105
TS139	SCATOLARE	1.00x1.00m	EST		80	105
TC140	CIRCOLARE	Ø 1000	OVEST		80	105
TS142	SCATOLARE	1.00x1.00m	EST		80	105



autostrade per l'italia
AUTOSTRADA (A13): BOLOGNA - PADOVA
TRATTO: BOLOGNA - FERRARA



AMPLIAMENTO ALLA TERZA CORSIA
TRATTO: BOLOGNA ARCOVEGGIO-FERRARA SUD

PROGETTO ESECUTIVO

AUTOSTRADA A13

IDROLOGIA E IDRAULICA
Interferenze idr. - Parte generale

Interventi di sistemazione idraulica:
Sezioni tipo e particolari costruttivi

IL PROGETTISTA SPECIALISTICO Ing. Paolo De Ruffi Ord. Ing. Roma N. 42308 Responsabile Idraulica		IL RESPONSABILE INTEGRAZIONE PRESTAZIONI SPECIALISTICHE Ing. Mario Brugiotti Ord. Ing. Roma N. 42308		IL DIRETTORE TECNICO Ing. Gianluigi Santoro Bagnola Ord. Ing. Milano N. 42197 T.A. - Strale	
CODICE IDENTIFICATIVO 111316 0000 PE AU IDR I1000 00000 D IDR 0028 -0		CODICE IDENTIFICATIVO 111316 0000 PE AU IDR I1000 00000 D IDR 0028 -0		CODICE IDENTIFICATIVO 111316 0000 PE AU IDR I1000 00000 D IDR 0028 -0	
ENGINEER COORDINATOR Ing. Mario Brugiotti Ord. Ing. Roma N. 42308		SUPPORTO SPECIALISTICO Ing. Mario Brugiotti Ord. Ing. Roma N. 42308		REVISIONE 01 APRILE 2022	