Binario Disp. L.S. VE-TS — V PLAN 2.8

X	2404705.080	Azin	95.908982
Y	5075051.653	Azfin	102.924676
R (m)	2000.000	t'	0.000000
Sv(m)	195.404	V (km/h)	100
Alfa	6.219917	RP(m)	25.000
Alfa tot	7.015694	m(m)	0.013
T	97.780	H (cm)	3.0

Binario Disp. L.S. VE-TS — V PLAN 2.9

X	2405438.952	Azin	102.924676
Y	5075017.915	Azfin	177.398345
R (m)	500.000	t'	0.000000
Sv(m)	484.849	V (km/h)	100
Alfa	61.732843	RP(m)	100.000
Alfa tot	74.473668	m(m)	0.833
T	263.395	H (cm)	15.0

Binario Disp. L.S. VE-TS — V PLAN 2.10

X	2405660.299	Azin	177.398345
Y	5074420.866	Azfin	127.889927
R (m)	-500.000	t'	0.000000
Sv(m)	288.772	V (km/h)	100
Alfa	36.767591	RP(m)	100.000
Alfa tot	49.508417	m(m)	0.833
T	148.538	H (cm)	15.0

Binario Disp. L.S. VE-TS — V PLAN 2.11

X	2406020.389	Azin	127.889927
Y	5074252.180	Azfin	152.605002
R (m)	521.000	t'	0.000000
Sv(m)	122.233	V (km/h)	100
Alfa	14.935897	RP(m)	80.000
Alfa tot	24.715075	m(m)	0.512
T	61.398	H (cm)	15.0

Binario Disp. L.S. VE-TS — V PLAN 2.12

X	2406193.997	Azin	152.605002
Y	5074063.750	Azfin	133.607179
R (m)	-490.000	t'	0.000000
Sv(m)	66.189	V (km/h)	100
Alfa	8.599434	RP(m)	80.000
Alfa tot	18.997823	m(m)	0.544
T	33.145	H (cm)	14.0

Binario Disp. L.S. VE-TS — V PLAN 2.13

X	2406674.123	Azin	133.607179
Y	5073783.788	Azfin	118.958295
R (m)	-800.000	t'	0.000000
Sv(m)	114.074	V (km/h)	100
Alfa	9.077752	RP(m)	70.000
Alfa tot	14.648885	m(m)	0.255
T	57.134	H (cm)	15.0

Binario Disp. L.S. VE-TS — V PLAN 2.14

X	2406985.012	Azin	118.958295
Y	5073688.369	Azfin	123.381204
R (m)	1000.000	t'	0.000000
Sv(m)	49.475	V (km/h)	60
Alfa	3.149661	RP(m)	20.000
Alfa tot	4.422909	m(m)	0.017
T	24.742	H (cm)	2.0

Binario Disp. L.S. VE-TS — V PLAN 2.15 C.G. 60U/400/0.074

X	2407145.390	Azin	123.381204
Y	5073626.668	Azfin	118.680908
R (m)		t'	
Sv(m)		V (km/h)	60
Alfa		RP(m)	
Alfa tot	4.700296	m(m)	
T		H (cm)	

Binario Disp. L.S.VE-TS — V PLAN 2.16 P.S.E.

X	2407159.735
Y	5073622.333
Az Fin	118.680908

Binario Disp. L.S.UD-TS — V PLAN 1.1

X	2404455.960
Y	5075554.172
Az In	162.832864

Binario Disp. L.S. UD-TS — V PLAN 1.2

X	2404636.019	Azin	162.832864
Y	5075281.621	Azfin	140.767111
R (m)	-1504.440	t'	0.000000
Sv(m)	491.451	V (km/h)	100
Alfa	20.796263	RP(m)	30.000
Alfa tot	22.065753	m(m)	0.025
T	247.934	H (cm)	4.0

Binario Disp. L.S. UD-TS — V PLAN 1.3

X	2405087.216	Azin	140.767111
Y	5074945.427	Azfin	164.775077
R (m)	504.000	t'	0.000000
Sv(m)	100.019	V (km/h)	100
Alfa	12.633747	RP(m)	90.000
Alfa tot	24.007966	m(m)	0.670
T	50.174	H (cm)	15.0

Binario Disp. L.S. UD-TS — V PLAN 1.4

X	2405321.641	Azin	164.775077
Y	5074565.897	Azfin	127.830087
R (m)	-500.000	t'	0.000000
Sv(m)	200.117	V (km/h)	100
Alfa	25.479681	RP(m)	90.000
Alfa tot	36.944990	m(m)	0.675
T	101.416	H (cm)	15.0

Binario Disp. L.S. UD-TS — V PLAN 1.5

X	2405802.264	Azin	127.830087
Y	5074341.297	Azfin	125.527982
R (m)	-1700.000	t'	0.000000
Sv(m)	36.474	V (km/h)	100
Alfa	1.365896	RP(m)	25.000
Alfa tot	2.302105	m(m)	0.015
T	18.238	H (cm)	4.0

Binario Disp. L.S. UD-TS — V PLAN 1.6

X	2405994.103	Azin	125.527982
Y	5074259.965	Azfin	151.687233
R (m)	511.000	t'	0.000000
Sv(m)	119.749	V (km/h)	100
Alfa	14.918717	RP(m)	90.357
Alfa tot	26.159252	m(m)	0.666
T	60.150	H (cm)	15.0

Binario Disp. L.S. UD-TS — V PLAN 1.7

X	2406179.059	Azin	151.687233
Y	5074064.936	Azfin	133.607179
R (m)	-539.500	t'	0.000000
Sv(m)	73.189	V (km/h)	100
Alfa	8.636463	RP(m)	80.000
Alfa tot	18.080054	m(m)	0.494
T	36.651	H (cm)	13.0

Binario Disp. L.S. UD-TS — V PLAN 1.8

X	2406663.847	Azin	133.607179
Y	5073782.256	Azfin	118.958295
R (m)	-750.000	t'	0.000000
Sv(m)	152.578	V (km/h)	60
Alfa	12.951212	RP(m)	20.000
Alfa tot	14.648884	m(m)	0.022
T	76.553	H (cm)	2.0

Binario Disp. L.S. UD-TS — V PLAN 1.9

X	2406905.757	Azin	118.958295
Y	5073708.008	Azfin	123.675486
R (m)	750.000	t'	0.000000
Sv(m)	35.573	V (km/h)	60
Alfa	3.019518	RP(m)	20.000
Alfa tot	4.717191	m(m)	0.022
T	17.790	H (cm)	2.0

Binario Disp. L.S. UD-TS — V PLAN 1.10

X	2407010.801	Azin	123.675486
Y	5073667.036	Azfin	118.976001
R (m)	-390.000	t'	0.000000
Sv(m)	28.790	V (km/h)	60
Alfa	4.699484	RP(m)	0.000
Alfa tot	4.699484	m(m)	0.000
T	14.401	H (cm)	0.0

Binario Disp. L.S.UD-TS — V PLAN 1.11 P.S.E.

X	2407025.122
Y	5073662.636
Az Fin	118.976001

Binario Disp. A.V. — V PLAN 1.10

X	2404824.661	Azin	95.908982
Y	5075052.835	Azfin	121.350023
R (m)	2004.000	t'	0.000000
Sv(m)	650.838	V (km/h)	200
Alfa	20.675478	RP(m)	150.000
Alfa tot	25.441040	m(m)	0.468
T	328.310	H (cm)	14.5

Binario Disp. A.V. — V PLAN 1.11

X	2405851.177	Azin	121.350023
Y	5074695.062	Azfin	114.364740
R (m)	-3096.000	t'	0.000000
Sv(m)	239.706	V (km/h)	200
Alfa	4.928981	RP(m)	100.000
Alfa tot	6.985283	m(m)	0.135
T	119.913	H (cm)	9.0

Binario Disp. A.V. — V PLAN 1.12

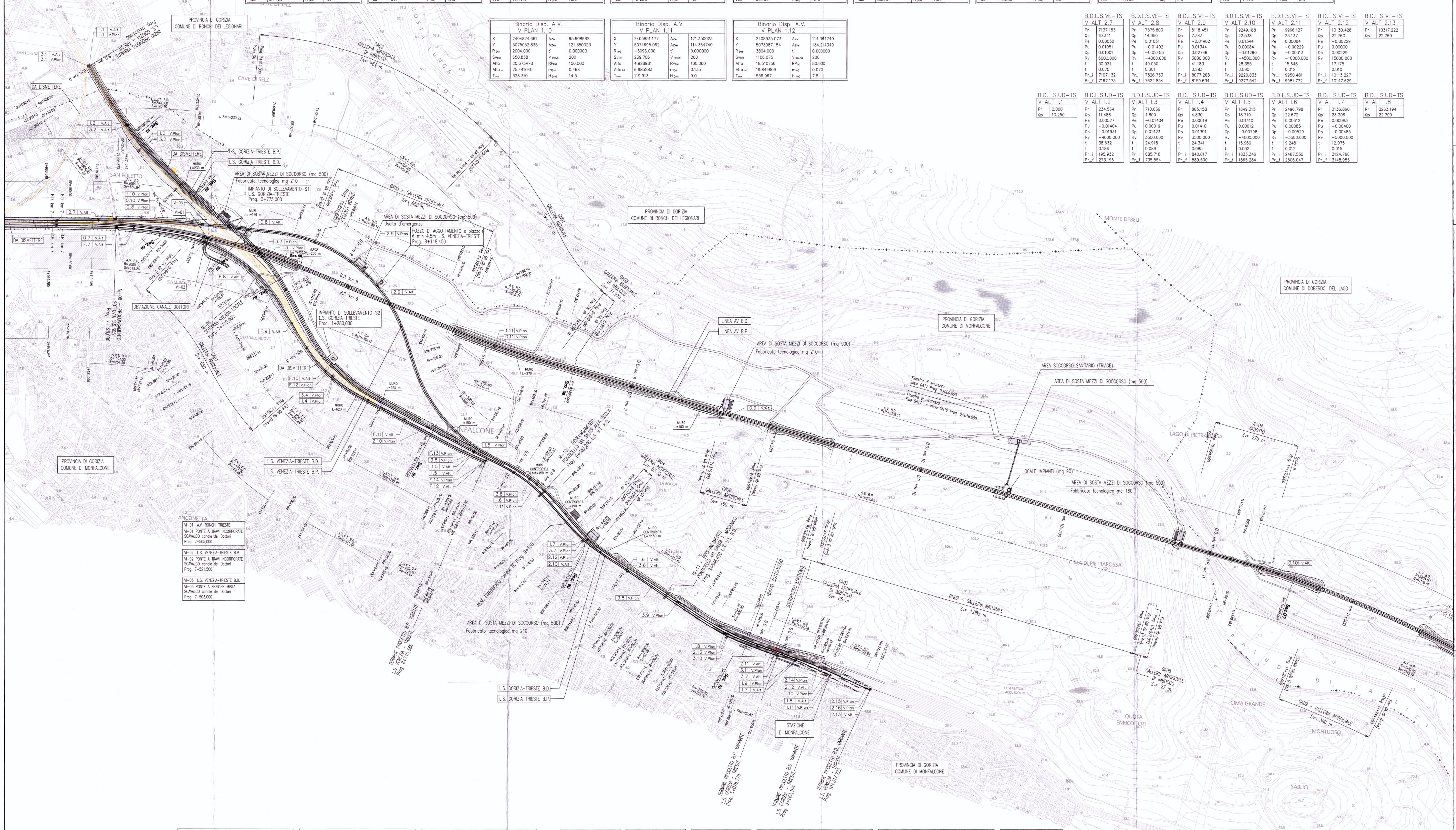
X	2408835.073	Azin	114.364740
Y	5073987.154	Azfin	134.214349
R (m)	3804.000	t'	0.000000
Sv(m)	1106.075	V (km/h)	200
Alfa	18.510756	RP(m)	80.000
Alfa tot	19.849609	m(m)	0.070
T	556.967	H (cm)	7.5

B.D.L.S.VE-TS — V ALT 2.7 to 2.13

	2.7	2.8	2.9	2.10	2.11	2.12	2.13
Pr	7137.153	7575.803	8118.451	9249.188	9966.127	10130.428	10317.222
Qp	10.341	14.950	7.343	22.538	23.137	22.760	22.760
Pe	0.00050	0.01051	-0.01402	0.01344	0.00084	-0.00229	
Pu	0.01051	-0.01402	0.01344	0.00084	-0.00229	0.00000	
Dp	0.01001	-0.02453	0.02746	-0.01260	-0.00313	0.00229	
Rv	6000.000	-4000.000	3000.000	-4500.000	-10000.000	15000.000	
t	30.021	49.050	41.183	28.355	15.646	17.175	
f	0.075	0.301	0.283	0.090	0.012	0.010	
Pr_i	7107.132	7526.753	8077.268	9220.833	9950.481	10113.227	
Pr_f	7167.173	7624.854	8159.634	9277.542	9981.772	10147.629	

B.D.L.S.UD-TS — V ALT 1.1 to 1.8

	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
Pr	0.000	234.564	710.636	865.158	1849.315	2496.798	3136.860	3263.194
Qp	10.250	11.486	4.800	4.830	18.710	22.672	23.206	22.700
Pe		0.00527	-0.01404	0.00019	0.01410	0.00612	0.00083	
Pu		-0.01404	0.00019	0.01410	0.00612	0.00083	-0.00400	
Dp		-0.01931	0.01423	0.01391	-0.00798	-0.00529	-0.00483	
Rv		-4000.000	3500.000	3500.000	-4000.000	-3500.000	-5000.000	
t		38.632	24.918	24.341	15.969	9.248	12.075	
f		0.186	0.089	0.085	0.032	0.012	0.015	
Pr_i		195.932	685.718	840.817	1833.346	2487.550	3124.766	
Pr_f		273.196	735.554	889.500	1865.284	2506.047	3148.955	



Binario Pari A.V. — V PLAN 0.10

X	2404824.109	Azin	95.908982
Y	5075048.791	Azfin	121.350023
R (m)	2000.000	t'	0.000000
Sv(m)	649.240	V (km/h)	200
Alfa	20.665945	RP(m)	150.000
Alfa tot	25.441041	m(m)	0.469
T	327.501	H (cm)	14.5

Binario Pari A.V. — V PLAN 0.11

X	2405850.068	Azin	121.350023
Y	5074691.213	Azfin	114.364740
R (m)	-3100.000	t'	0.000000
Sv(m)	240.144	V (km/h)	200
Alfa	4.931635	RP(m)	100.000
Alfa tot	6.985283	m(m)	0.134
T	120.132	H (cm)	9.0

Binario Pari A.V. — V PLAN 0.12

X	2409004.148	Azin	114.364740
Y	5073967.194	Azfin	136.575085
R (m)	3800.000	t'	0.000000
Sv(m)	1245.741	V (km/h)	200
Alfa	20.870082	RP(m)	80.000
Alfa tot	22.210344	m(m)	0.070
T	628.509	H (cm)	7.5

Binario Pari L.S.VE-TS — V PLAN F.11

X	2404958.782
Y	5075050.944
Azi	95.908982
Alfa	66.103487
Azf	162.012469
T1	614.527
T2	359.203
Sv(m)	908.331

Binario Pari L.S.VE-TS — CURVA F.11a

Alfa	8.130319
R (m)	1993.500
T	127.469
Sv	254.591
V (km/h)	100
RP1 (m)	149.756
m (m)	0.469
H (cm)	8.0
RP2 (m)	60.000
m (m)	0.075

Binario Pari L.S.VE-TS — CURVA F.11b

Alfa	45.070675
R (m)	500.000
T	184.775
Sv	353.984
V (km/h)	100
RP1 (m)	60
m (m)	0.000
H (cm)	15.0
RP2 (m)	90.000
m (m)	0.675

Binario Pari L.S. VE-TS — V PLAN F.12

X	2405290.249	Azin	162.012469
Y	5074563.000	Azfin	127.830086
R (m)	-470.000	t'	0.000000
Sv(m)	152.285	V (km/h)	100
Alfa	20.627141	RP(m)	100.000
Alfa tot	34.182383	m(m)	0.887
T	76.816	H (cm)	16.0

Binario Pari L.S. VE-TS — V PLAN F.13

X	2405768.554	Azin	127.830086
Y	5074339.483	Azfin	122.555287
R (m)	-1500.000	t'	0.000000
Sv(m)	94.284	V (km/h)	100
Alfa	4.001552	RP(m)	30.000
Alfa tot	5.274800	m(m)	0.025
T	47.158	H (cm)	4.0

Binario Pari L.S.VE-TS — V PLAN F.14

X	2405842.693
Y	5074312.059
Az Fin	122.555287

Binario Pari L.S. U-T — V PLAN 3.1

X	2404452.990
Y	5075552.210
Az In	162.832863

Binario Pari L.S. UD-TS — V PLAN 3.2

X	2404634.106	Azin	162.832863
Y	5075278.058	Azfin	140.767111
R (m)	-1504.000	t'	0.000000
Sv(m)	491.298	V (km/h)	100
Alfa	20.795891	RP(m)	30.000
Alfa tot	22.065753	m(m)	0.025
T	247.857	H (cm)	4.0

Binario Pari L.S. UD-TS — V PLAN 3.3

X	2405084.213	Azin	140.767111
Y	5074942.676	Azfin	164.775076
R (m)	500.000	t'	0.000000
Sv(m)	98.510	V (km/h)	100
Alfa	12.542656	RP(m)	90.000
Alfa tot	24.007966	m(m)	0.675
T	49.415	H (cm)	15.0

Binario Pari L.S. UD-TS — V PLAN 3.4

X	2405318.865	Azin	164.775076
Y	5074562.779	Azfin	127.830086
R (m)	-504.000	t'	0.000000
Sv(m)	202.439	V (km/h)	100
Alfa	25.570771	RP(m)	90.000
Alfa tot	36.944990	m(m)	0.670
T	102.603	H (cm)	15.0

Binario Pari L.S. UD-TS — V PLAN 3.5

X	2405800.636	Azin	127.830086
Y	5074337.643	Azfin	125.527978
R (m)	-1704.000	t'	0.000000
Sv(m)	36.619	V (km/h)	100
Alfa	1.368097	RP(m)	25.000
Alfa tot	2.302109	m(m)	0.015
T	18.310	H (cm)	4.0

Binario Pari L.S. UD-TS — V PLAN 3.6

X	2405991.790	Azin	125.527978
Y	5074256.601	Azfin	151.688137
R (m)	507.000	t'	0.000000
Sv(m)	118.291	V (km/h)	100
Alfa	14.853314	RP(m)	90.000
Alfa tot	26.160160	m(m)	0.666
T	59.415	H (cm)	15.0

Binario Pari L.S. UD-TS — V PLAN 3.7

X	2406176.560	Azin	151.688137
Y	5074061.763	Azfin	133.607179
R (m)	-543.500	t'	0.000000
Sv(m)	74.333	V (km/h)	100
Alfa	8.706919	RP(m)	80.000
Alfa tot	18.080958	m(m)	0.491
T	37.225	H (cm)	13.0

Binario Pari L.S. UD-TS — V PLAN 3.8

X	2406414.568	Azin	133.607179
Y	5073922.980	Azfin	135.281773
R (m)	3000.000	t'	0.000000
Sv(m)	58.913	V (km/h)	100
Alfa	1.250180	RP(m)	20.000
Alfa tot	1.674594	m(m)	0.006
T	29.458	H (cm)	2.0

Binario Pari L.S. UD-TS — V PLAN 3.9

X	2406499.644	Azin	135.281773
Y	5073870.326	Azfin	133.559058
R (m)	-3000.000	t'	0.000000
Sv(m)	61.181	V (km/h)	100
Alfa	1.298301	RP(m)	20.000
Alfa tot	1.722715	m(m)	0.006
T	30.592	H (cm)	2.0

Binario Pari L.S. U-T — V PLAN 3.10

X	2406673.048	Azin	133.559058
Y	5073769.390	Azfin	118.815133
R (m)	-750.000	t'	0.000000
Sv(m)	153.698	V (km/h)	0
Alfa	13.046252	RP(m)	20.000
Alfa tot	14.743925	m(m)	0.022
T	77.119	H (cm)	0.0

Binario Pari L.S. U-T — V PLAN 3.11

X	2406845.350
Y	5073716.930
Az Fin	118.815133

B.P. A.V. — V ALT 0.7 to 0.10

	0.7	0.8	0.9	0.10
Pr	7257.059	7682.527	9338.747	11236.117
Qp	10.400	14.000	34.698	31.102
Pe	0.00050	0.00846	0.01250	-0.00190
Pu	0.00846	0.01250	-0.00190	0.01250
Dp	0.00800	0.00404	-0.01440	0.01440
Rv	15000.000	20000.000	-15000.000	14000.000
t	59.706	40.361	107.943	100.766
f	0.119	0.041	0.388	0.363
Pr_i	7197.353	7642.166	9230.804	11135.351
Pr_f	7316.766	7722.887	9446.690	11336.883

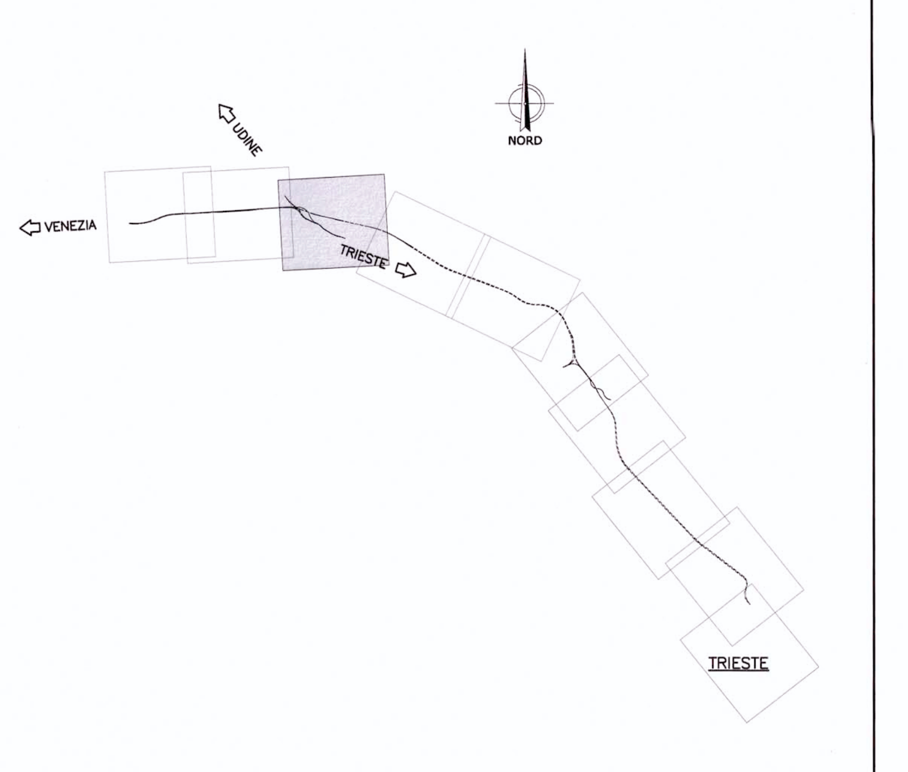
B.P. L.S. VE-TS — V ALT F.7 to F.12

	F.7	F.8	F.9	F.10	F.11	F.12
Pr	7257.893	7676.030	7904.162	8100.528	8407.851	8710.586
Qp	10.400	13.933	16.657	17.710	15.200	19.464
Pe	0.00050	0.00845	0.01194	0.00536	-0.00817	
Pu	0.00845	0.01194	0.00536	-0.00817	0.01408	
Dp	0.00795	0.00349	-0.00658	-0.01353	0.02225	
Rv	10000.000	18000.000	-6000.000	-4000.000	3000.000	
t	39.744	31.419	19.737	27.056	33.377	
f	0.079	0.027	0.032	0.092	0.186	
Pr_i	7218.149	7644.611	7884.425	8073.472	8374.474	
Pr_f	7297.637	7707.449	7923.899	8127.584	8441.228	

B.P.L.S.UD-TS — V ALT 3.1 to 3.7

	3.1	3.2	3.3	3.4	3.5	3.6	3.7
Pr	0.000	234.724	711.961	865.868	1851.526	2504.312	3078.779
Qp	10.250	11.487	4.798	4.829	18.710	22.720	23.203
Pe		0.00527	-0.01402	0.00020	0.01408	0.00614	
Pu		-0.01402	0.00020	0.01408	0.00614	0.00084	
Dp		-0.01930	0.01422	0.01388	-0.00794	-0.00530	
Rv		-4000.000	3500.000	3500.000	-4000.000	-5000.000	
t		38.576	24.879	24.296	15.880	13.257	
f		0.186	0.089	0.084	0.032	0.018	
Pr_i		196.148	687.082	841.572	1835.646	2491.055	
Pr_f		273.299	736.839	890.163	1867.407	2517.570	

PIANTA CHIAVE



LEGENDA

- RECINZIONE
- DEMOLIZIONI

COMMITTENTE:

RFI RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO

PROGETTAZIONE:

ITALFERR
GRUPPO FERROVIE DELLO STATO

U.O.: PROGETTAZIONE LINEE E NODI

PROGETTO PRELIMINARE

NUOVA LINEA AV/AC VENEZIA - TRIESTE
TRATTA RONCHI - TRIESTE

Planimetria su cartografia Linea AV/AC
dal Km 7+000 al Km 11+500
Tav. 3/10

SCALA: 1:5.000

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
L344	00	R	13	P5	IF0001	003	A

Revis.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato Data
A	**Emissione esecutiva**	G. Gallo	Ottobre 2010	G.Ingrosso	Ottobre 2010	FOCHESATO	Ottobre 2010	L. Berardi Ottobre 2010

File: L34400R13P5IF0001003A.dwg

n. Elab.: 13

ITALFERR S.p.A. U.O. PROGETTAZIONE LINEE E NODI Dott. Ing. LUCA BERARDINI Ordine degli Ingegneri di VITERBO n. 419

Questo progetto è cofinanziato dalla Comunità Europea