N.B. IL PARAMETRO DELLA CATERANRIA RIPORTATA NEL PROFILO E' DI M.600/700 CHE E' SOLO INDICATIVO

REV	DATA REVISIONE	OGGETTO DELLA MODIFICA	UTENTE	CONTR	APPROV

ENEL
Societa' per azioni

DPT - VDTS - STR
COT ROMA

ELETTRODOTTO
120 kV V.VALLE-TRIPONZO-PRECI

TITOLO
PROFILO
da Port. VILLA VALLE al P.49

BASE TOPOGRAFICA:

APPROVATO
CONTROLL.
UTENTE P.
SEZIONE TECNICA LINEE
DISEGNO/FILE.DWG C1/EL051
DATA 30.08.1996
SCALA D=1:2000 H=1:500
EDIZIONE 001

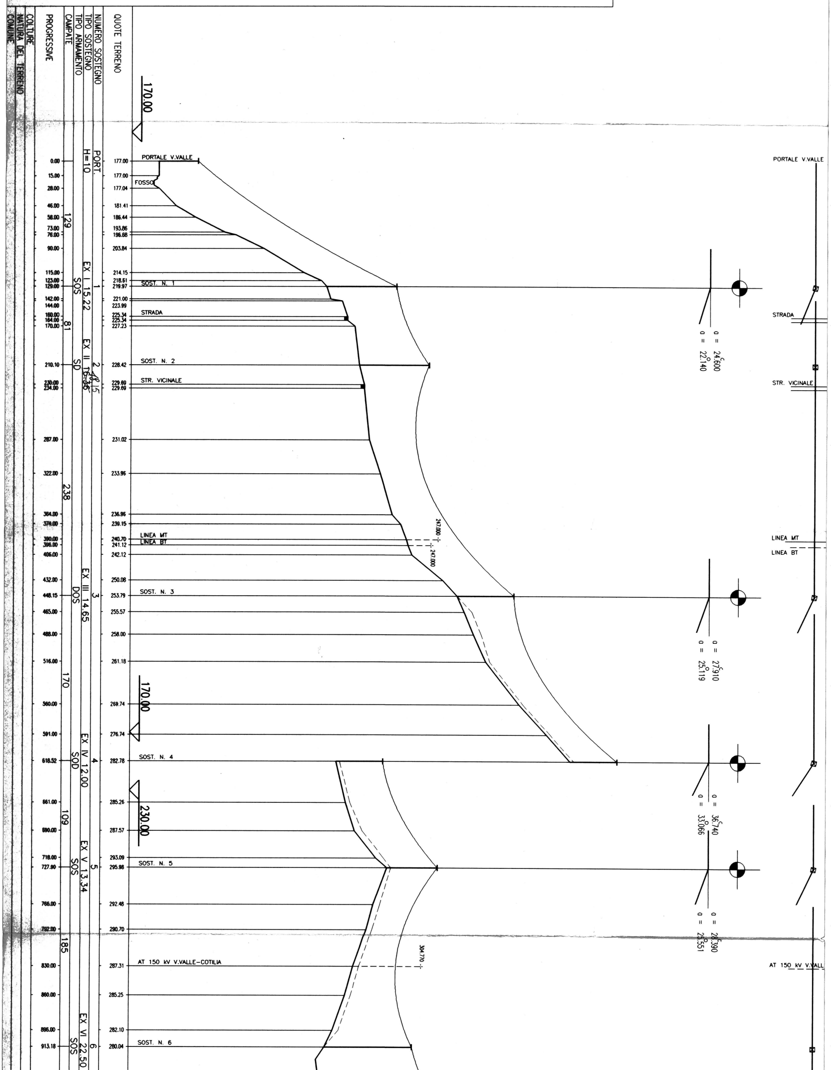
SIGLE CONVENZIONALI

NR	Sostegno normale per piccole deviazioni
Acc.R	" accorciato " " "
N.15°	" normale per medie "
Acc.15°	" accorciato " " "
NO	" normale grande campata ordinaria
Acc.O	" accorciato " " "
N.Ag	" normale " " alleggerita
Acc.Ag	" accorciato " " "
Att	" per attraversamenti e grandi deviazioni
Am	" di amarraggio
A	Attacco di amarraggio
S.R	" semi amaraggio
S	" semplice

SOSTEGNI	ATTACCHI	CAMPATE	DISLIVELLO	CAMPATE EQUIVALENTI	PARAMETRI	CONDUTTORE Cu ϕ 14 TIRI Kg.					
						+15°	+20°	+25°	+30°	+35°	+40°
46	A										
		–		239.58	650	729	722	716	710	705	700
58	A					765	747	731	715	700	685
		135		–	650	762	744	728	712	697	682
59	A					742	732	722	717	709	702
		135		–	650	753	743	733	728	720	713
60	A										
46	A										
						-10°	0°	+10°	+20°	+30°	+40°
Port.	OS										
		135	12	–	275			541	436	366	316
187	SOS							554	449	379	329
		135	26					710	705	700	696
188	SS										
		135	25	239.58	672			765	760	755	751
189	SOS										

RIEPILOGO SOSTEGNI VERTICALI E RELATIVA SUPERFICIE IN M2

TIPO SOSTEGNI	N° SOSTENI	TOT. SOST.	SUPERFICIE UNITARIA	TOTALE SUPERFICIE SOSTEGNI	ALTEZZA MENSOLA BASSA DA TERRA
Ex I	1–	1	72.36	72.36	15.22
Ex II	2–	1	132.66	132.66	18.15
Ex III	3–	1	166.62	166.62	14.65
Ex IV	4–	1	75.89	75.89	12.00
Ex V	5–	1	84.36	84.36	13.34
Ex VI	6–	1	180.83	180.83	22.50
Ex VII	7–	1	112.02	112.02	16.00
Am	8–209	2	84.26	168.52	15.90
Att	9–10–16–17–31–38–39–60–70–76–101–105–137–139–156–159–160–171–175–176–177–183–207–208–	25	97.95	2448.75	18.50
Att/Mod	58–	1	101.54	101.54	19.00
N.O.	73–74–104–112–120–121–122–127–147–148–152–153–157–158–161–162–172–173–194–197	20	108.75	2175.00	18.50
N.R.	22–23–24–25–26–27–28–29–30–32–33–34–44–45–48–49–50–51–52–53–54–57–62–63–64–65–66–69–71–75–80–81–93–94–98–100–106–107–108–113–114–115–116–117–119–131–132–138–140–143–144–145–146–154–155–163–164–165–169–170–174–182–184–185–199–200–201–202–	68	78.65	5348.20	18.50
N.15°	19–46–47–67–68–79–85–95–118–124–150–166–198–	13	88.65	1152.45	18.50
N.Ag.	11–12–13–14–15–21–55–56–72–82–84–86–87–103–109–110–111–123–125–129–141–142–167–178–179–180–190–191–168–181–	30	95.05	2851.50	18.50
Acc.O	42–102–126–134–135–189–193–195–196–	9	88.35	795.15	14.00
Acc.R	18–40–61–97–128–133–136–151–204–205–206–	11	63.00	693.00	14.00
Acc.Ag.	20–41–83–130–192–	5	76.80	384.00	14.00
Acc. 15°	89–96–149–203–	4	70.40	281.60	14.00
N.R.Mod.	99–	1	99.62	99.62	22.00
All.Acc.R Mod.	168–	1	64.10	64.10	16.00
All.N.Ag. Mod.	188–	1	138.93	138.93	27.00
30°+4/A Mod.	59–	1	74.24	74.24	15.50
0–30° Mod.	187–	1	134.97	134.97	22.00
Acc.–R. Mod.	90–77–78–	3	88.10	264.30	14.00
N.R.Rinf. Mod.	34–35–36–37–91–92–	6	114.43	686.58	18.50
	TOTALE N°	209	TOTALE m^2	18687.19	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TIPO SOSTEGNO
TIPO ARMAMENTO
CAMPATE
PROGRESSIVE
COLTURE
NATURA DEL TERRENO
COMUNE
170.00
PORT.
H=10
0.00 177.00 PORTALE V.VALLE
15.00 177.00
28.00 177.04 FOSSO
46.00 181.41
58.00 186.44
129
73.00 193.86
76.00 196.68
90.00 203.84
115.00 214.15
123.00 218.61
129.00 219.97 SOST. N. 1
1
EX I 15.22
SOS
142.00 221.00
144.00 223.99
160.00 225.34 STRADA
164.00 225.34
170.00 227.23
81
210.10 228.42 SOST. N. 2
2
EX II ~~16.36~~ 18.15
SD
230.00 229.69 STR. VICINALE
234.00 229.69
287.00 231.02
322.00 233.96
238
364.00 236.96
374.00 239.15
390.00 240.70 LINEA MT
396.00 241.12 LINEA BT
406.00 242.12
247.000
247.000
432.00 250.08
448.15 253.79 SOST. N. 3
3
EX III 14.65
DOS
465.00 255.57
488.00 258.00
516.00 261.18
170
170.00
560.00 269.74
591.00 276.74
618.52 282.78 SOST. N. 4
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EX IV 12.00
SOD
230.00
661.00 285.26
109
690.00 287.57
718.00 293.09
727.90 295.98 SOST. N. 5
5
EX V 13.34
SOS
766.00 292.48
792.00 290.70
185
830.00 287.31 AT 150 kV V.VALLE–COTILIA
304.770
860.00 285.25
896.00 282.10
913.18 280.04 SOST. N. 6
6
EX VI 22.50
SOS
α = 24.600 c
α = 22.140 o
α = 27.910 c
α = 25.119 o
α = 36.740 c
α = 33.066 o
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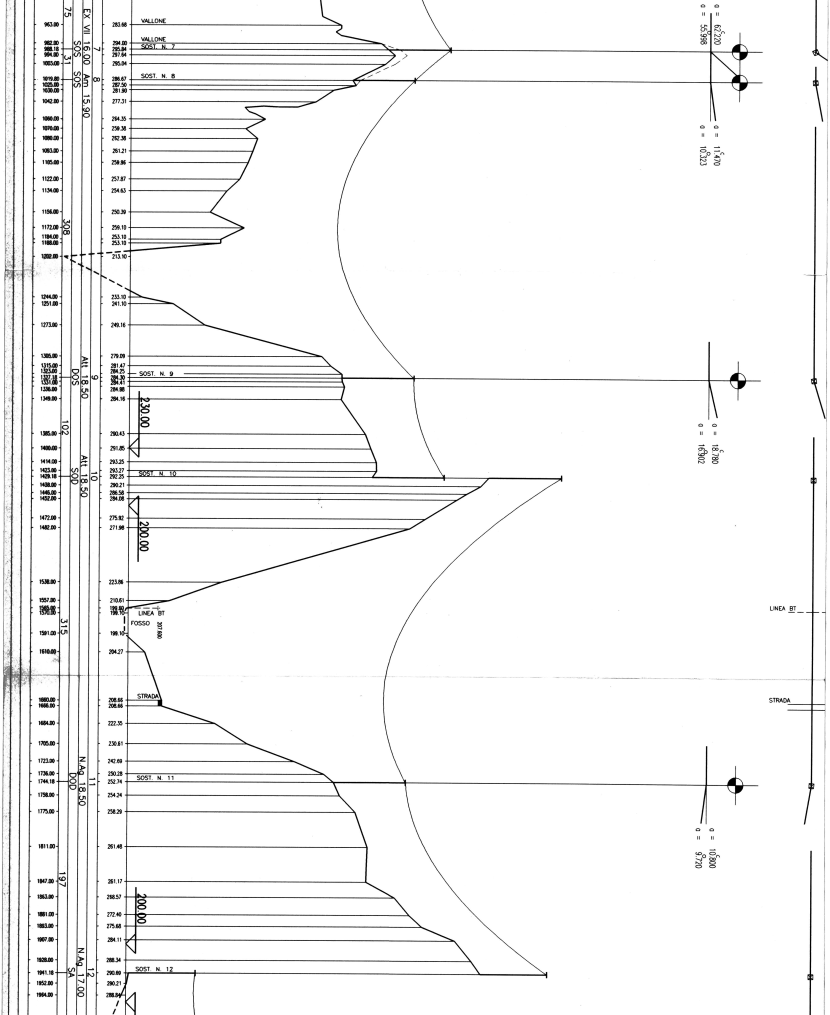
α = 25.551 o
PORTALE V.VALLE
STRADA
STR. VICINALE
LINEA MT
LINEA BT
AT 150 kV V.VALL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1941.18
1952.00
1964.00
75
31
308
102
315
197
SOS
SOS
DOS
SOD
DOD
SA
EX VII 16.00
Am 15.90
Att 18.50
Att 18.50
N.Ag 18.50
N.Ag 17.00
7
8
9
10
11
12
283.68
294.00
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250.39
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213.10
233.10
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284.30
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284.98
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291.85
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199.10
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208.66
208.66
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242.69
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290.69
290.21
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VALLONE
VALLONE
SOST. N. 7
SOST. N. 8
SOST. N. 9
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SOST. N. 10
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LINEA BT
FOSSO
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STRADA
SOST. N. 11
200.00
SOST. N. 12
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a = 55.998 o
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a = 10.800 c
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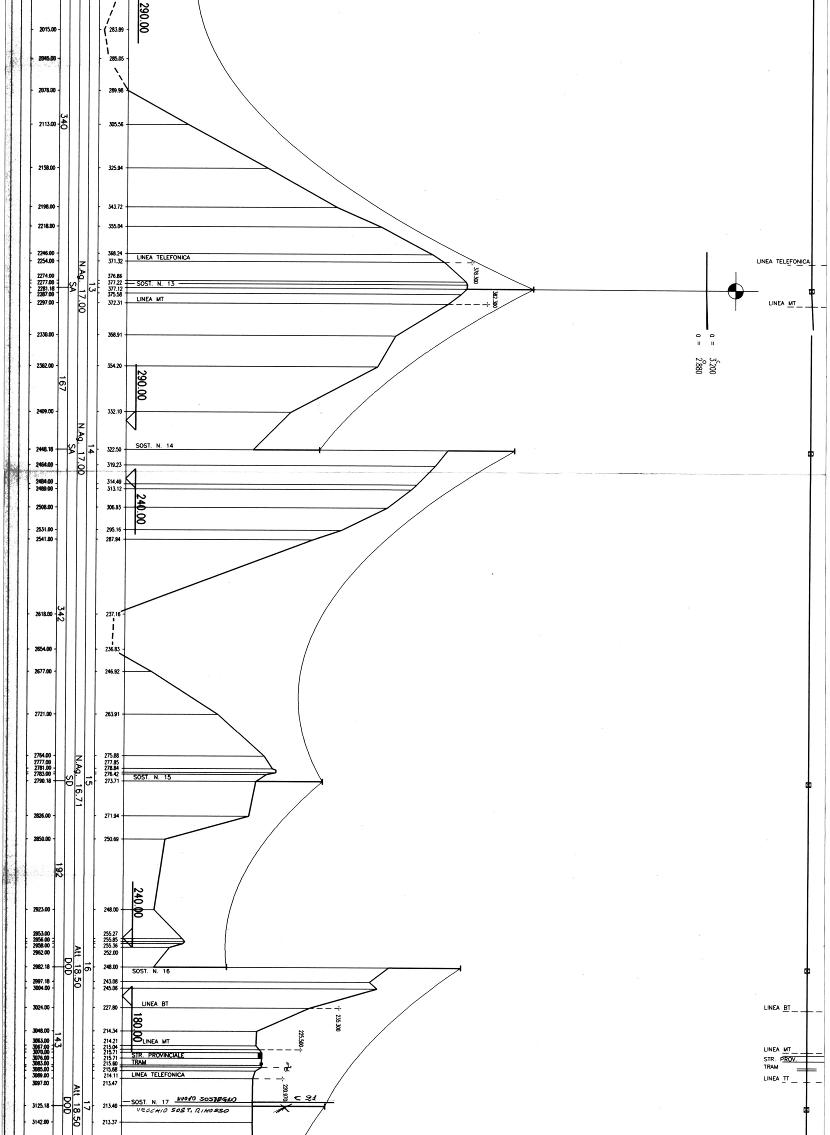
STRADA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2254.00
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2287.00
375.58
2297.00
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SA
N.Ag. 17.00
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LINEA MT
382.300
LINEA TELEFONICA
LINEA MT
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α = 2.880
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2362.00
354.20
167
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2409.00
332.10
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322.50
SA
N.Ag. 17.00
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SOST. N. 14
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319.23
2484.00
314.49
2489.00
313.12
240.00
2508.00
306.93
2531.00
295.16
2541.00
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2618.00
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2777.00
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2781.00
278.84
2783.00
276.42
2790.18
273.71
SD
N.Ag. 16.71
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SOST. N. 15
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248.00
2953.00
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2956.00
255.85
2958.00
255.36
2962.00
252.00
2982.18
248.00
DOD
Att 18.50
16
SOST. N. 16
2997.18
243.08
3004.00
245.06
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227.80
LINEA BT
235.300
180.00
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3063.00
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215.04
3070.00
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3076.00
215.71
3083.00
215.80
3085.00
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3089.00
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3097.00
213.47
LINEA MT
STR. PROVINCIALE
TRAM
LINEA TELEFONICA
225.500
220.970
LINEA BT
LINEA MT
STR. PROV.
TRAM
LINEA TT
3125.18
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NUOVO SOSTEGNO
VECCHIO SOST. RIMOSSO
C 21
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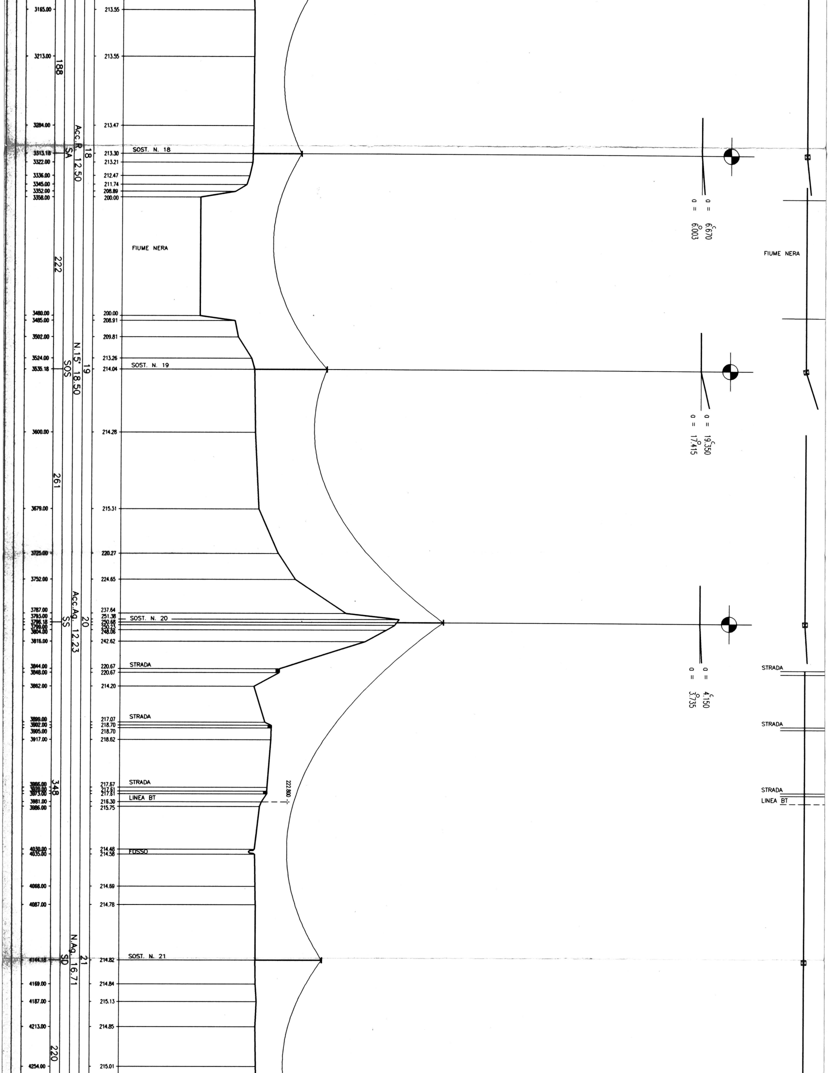
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3322.00
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3336.00
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211.74
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200.00
FIUME NERA
222
3480.00
200.00
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208.91
3502.00
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N.15' 18.50
19
SOS
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SS
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220.67
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217.07
STRADA
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218.70
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N.Ag. 16.71
21
SD
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SOST. N. 21
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4169.00
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214.85
220
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STRADA
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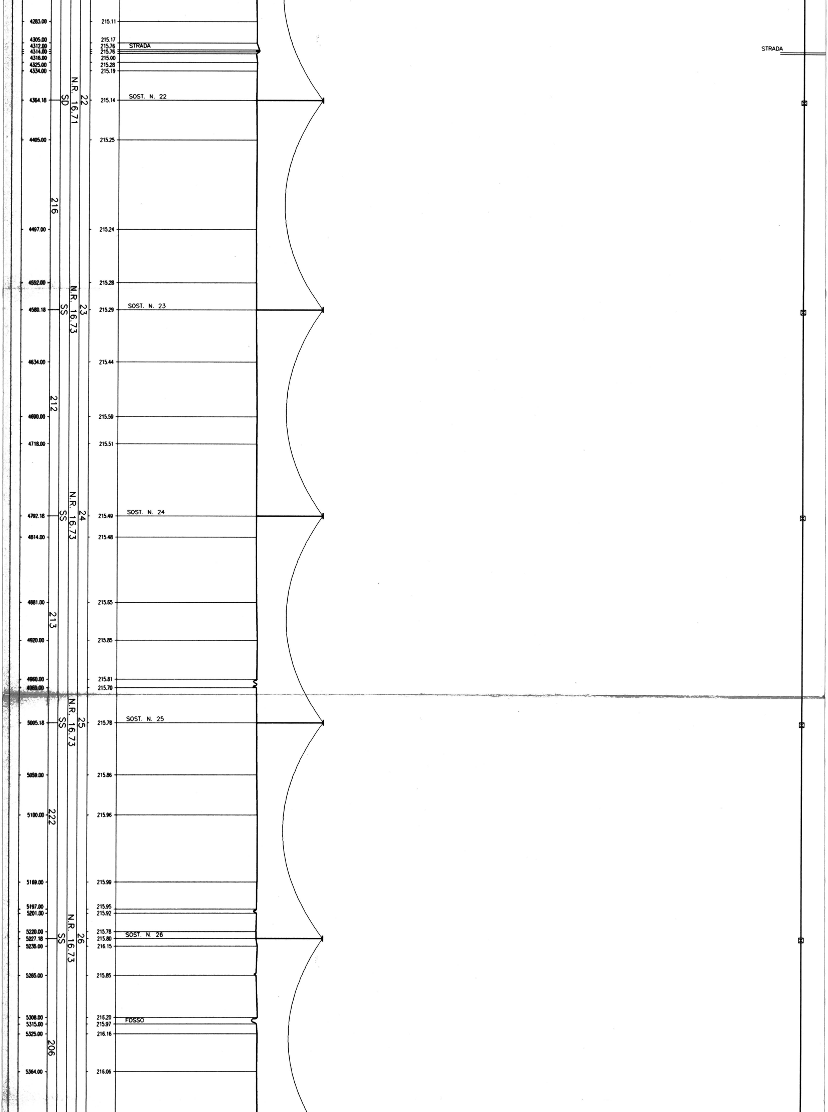
LINEA BT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215.19
STRADA
STRADA
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SD
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216
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SS
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N.R. 16.73
SS
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SOST. N. 25
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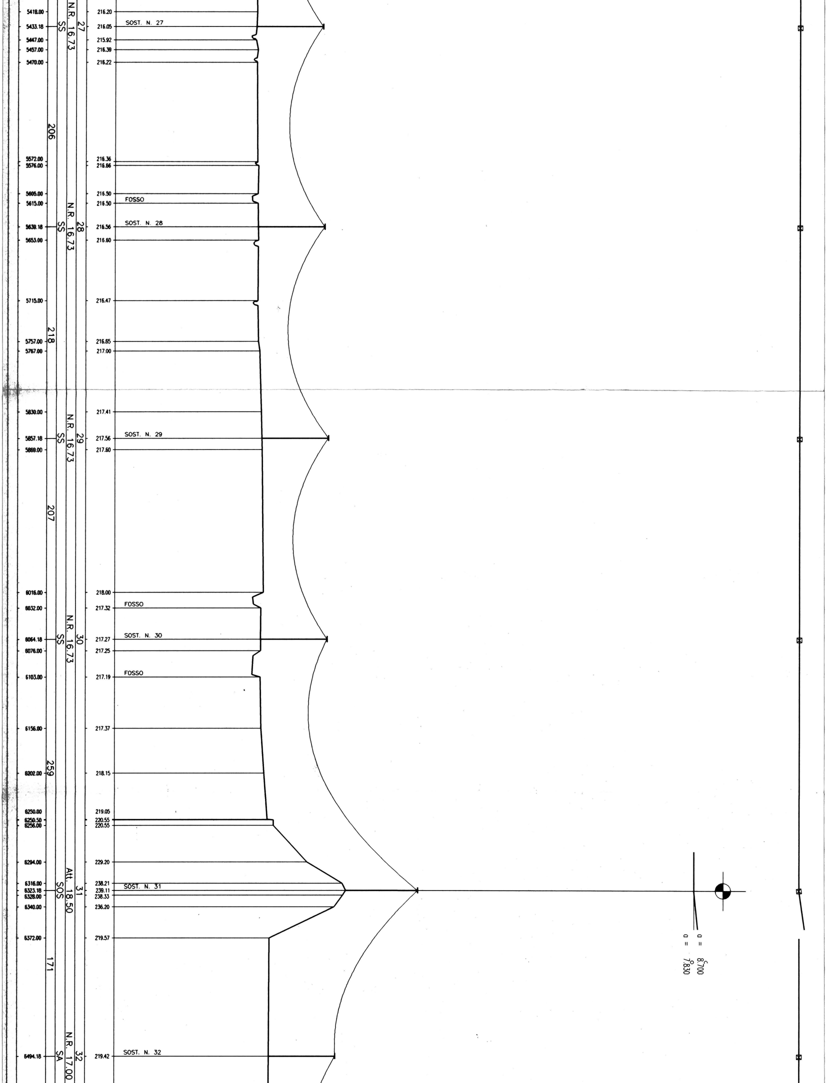
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SOST. N. 28
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SOST. N. 29
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6323.18
SOS
Att. 18.50
31
239.11
SOST. N. 31
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238.33
6340.00
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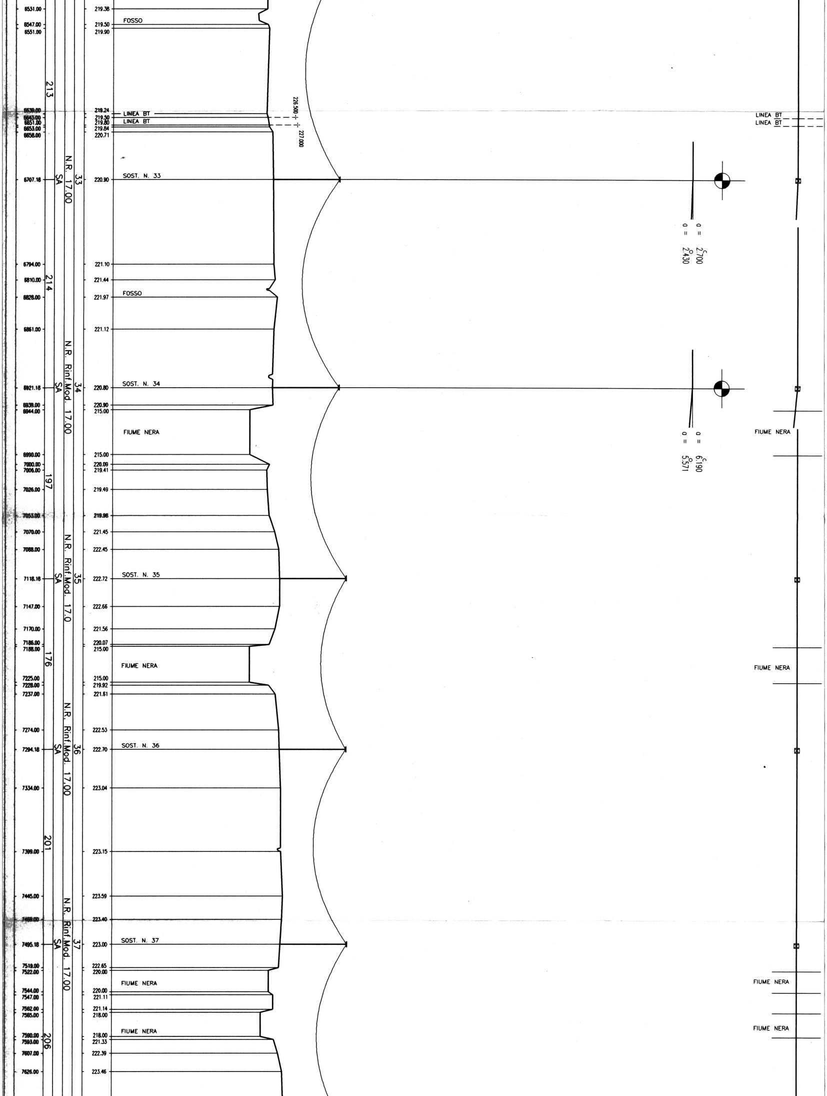
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6653.00 219.84
6658.00 220.71
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227.000
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N.R. 17.00
SA
6707.18 220.90 SOST. N. 33
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α = 2.430
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214
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N.R. Rinf.Mod. 17.00
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6921.18 220.80 SOST. N. 34
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176
FIUME NERA
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201
7399.00 223.15
7445.00 223.59
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SA
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FIUME NERA
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7565.00 218.00
FIUME NERA
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LINEA BT
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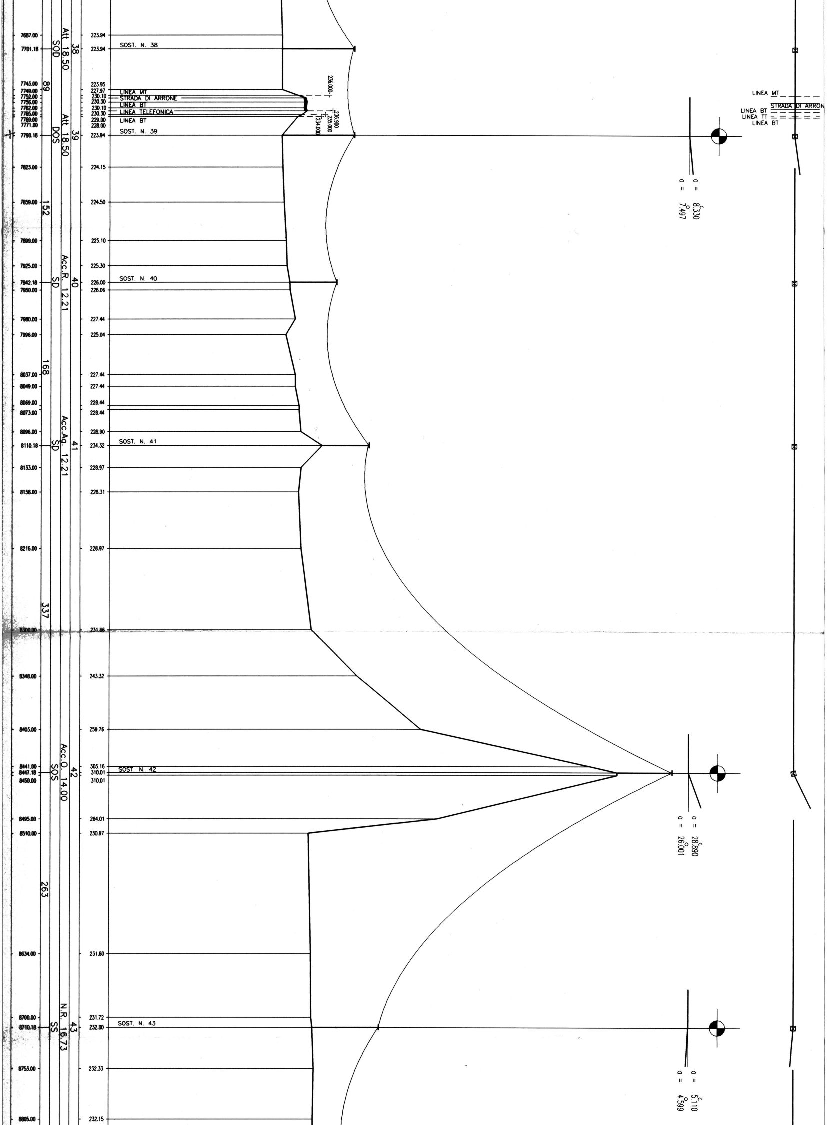
FIUME NERA
FIUME NERA
FIUME NERA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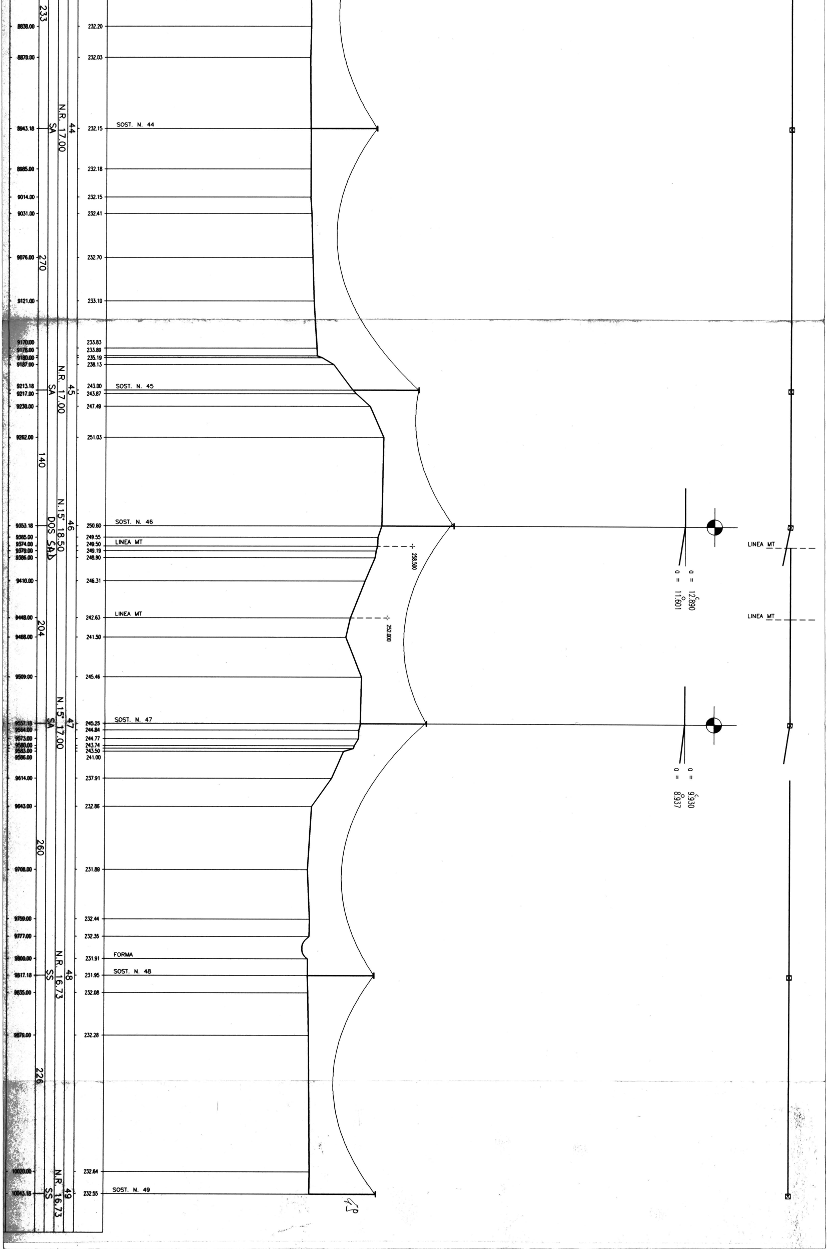
224.15
224.50
225.10
225.30
226.00
226.06
227.44
225.04
227.44
227.44
228.44
228.44
228.90
234.32
228.97
228.31
228.97
231.66
243.32
259.76
303.16
310.01
310.01
264.01
230.97
231.60
231.72
232.00
232.33
232.15
SOST. N. 38
LINEA MT
STRADA DI ARRONE
LINEA BT
LINEA TELEFONICA
LINEA BT
SOST. N. 39
SOST. N. 40
SOST. N. 41
SOST. N. 42
SOST. N. 43
236.000
236.900
235.000
234.000
$\alpha = 8.330^c$
$\alpha = 7.497^\circ$
$\alpha = 28.890^c$
$\alpha = 26.001^\circ$
$\alpha = 5.110^c$
$\alpha = 4.599^\circ$
LINEA MT
STRADA DI ARRON
LINEA BT
LINEA TT
LINEA BT


233
8838.00
232.20
8870.00
232.03
44
N.R. 17.00
SA
8943.18
232.15
SOST. N. 44
8985.00
232.18
9014.00
232.15
9031.00
232.41
270
9076.00
232.70
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233.10
9170.00
233.83
9176.00
233.89
9180.00
235.19
9187.00
238.13
45
N.R. 17.00
SA
9213.18
243.00
SOST. N. 45
9217.00
243.87
9230.00
247.49
9262.00
251.03
140
46
N.15° 18.50
DOS SAD
9353.18
250.60
SOST. N. 46
9365.00
249.55
9374.00
249.50
LINEA MT
9379.00
249.19
9386.00
248.90
258.500
9410.00
246.31
α = 12.890
σ = 11.601
LINEA MT
9448.00
242.63
LINEA MT
252.000
LINEA MT
204
9468.00
241.50
9509.00
245.46
47
N.15° 17.00
SA
9557.18
245.25
SOST. N. 47
9564.00
244.84
9573.00
244.77
9580.00
243.74
9583.00
243.50
9586.00
241.00
α = 9.930
σ = 8.937
9614.00
237.91
9643.00
232.86
260
9708.00
231.89
9759.00
232.44
9777.00
232.35
9800.00
231.91
FORMA
48
N.R. 16.73
SS
9817.18
231.95
SOST. N. 48
9835.00
232.08
9879.00
232.28
226
10020.00
232.64
49
N.R. 16.73
SS
10043.18
232.55
SOST. N. 49
49