



Association of International Marathons and Road Races

AIMS



XVIII^a Maratona Internazionale
RAVENNA CITTÀ D'ARTE
13 novembre 2016

42,195 Km

RAVENNA

13 Novembre 2016

expiry 2020

RACE COURSE REPORT

Elevation Change (+) start altitude: +3 mt slmm finish altitude: +3 mt slmm	
Separation start & finish: 0 mt	
Categoria FIDAL:	A



Association of International Marathons and Road Races

AIMS



RA510

RAVENNA RUNNERS Club asd

Indirizzo: VIA SILA N. 9 - 48125 Ravenna (RA)

Sito web: <http://www.maratonadiravenna.com>

Presidente: Stefano RIGHINI

Regione: Emilia-Romagna

Provincia: Ravenna

Email: RA510fidal.it

Telefono: 345-4420145



Association of International Marathons and Road Races

AIMS



Certificate of measurement data request (Demande de certificat de mesurage)

Name of Race : MARATONA INTERNAZIONALE "RAVENNA Città"
(nom de l'épreuve)

Distance : 42 195 m

City (ville) : RAVENNA

Country (Pays) : ITALIA

Type of course (type de circuit) : Loop (boucle unique) Laps (nombre de boucles)
 Point to Point (point à point)
 Out and Back (aller retour)

Date of race (date de l'épreuve) : 13-11-2016

Date of measurement (date du mesurage) : 28-10-2016

Elevation Change (+ / -) start & finish : 0 % m / km
(dénivelé différentiel)

Separation between start & finish as a % of the race distance : 0 %
(pourcentage de séparation entre le départ et l'arrivée % à la distance totale de la course)

Measurer Name, address & Email : OMODEO ZORINI Pier Luigi
(coordonnées du mesureur) VIA LARIEL n° 28 - 20152 MILANO - ITALY 39+349 1285104
pierluigi.omodeozorini@libero.it

IAAF-AIMS Grade Measurer (grade du mesureur) : "A"

Could you please send this request (with your measurement report) to your
IAAF- AIMS Measurement administrator

(merci d'adresser cette demande, avec votre dossier de mesurage, à votre administrateur IAAF-AIMS)

Jean François DELASALLE
BP 70225 80800 Corbie France
Mel : jf.delasalle@tiscali.fr

You will then receive promptly the international IAAF AIMS certificate for the organiser and your athletic federation
(vous recevrez rapidement le certificat international de mesurage IAAF-AIMS à transmettre à l'organisateur et à
votre fédération d'athlétisme)



MAPS OF COURSE

General graphic plan (fonte Ravenna running club)





EL

ELENCO STRADE PERCORSE

CCCCCC

via di Roma P A R T E N Z A
via Santi Baldini
via Alberoni
via Di Roma
viale Farini
via Rocca Brancaleone
circonvalazione dei Goti
via Darsena
via Magazzini Anteriori
via Montecatini
via dell'Industrie
parco Teodorico
via dell'Industrie
circonvalazione dei goti
via di Roma
via Paolo Costa
vicolo degli Ariani
via Diaz
via Serafino Ferruzzi
via Paolo Costa
via Ponte Marino
via Salara
via Pietro Alighieri
via Galla Placida
via Argentario
via Cattaneo
via Andrea Agnello
via Oberdan
piazza Duomo
via Gioachino Rasponi
via Guerini
via Gardini
via Gordini
via Dante Alighieri
via Corrado Ricci
via Mazzini
via Renato Serra
via Cesarea
via Romea S U D
Y rotonda Gran Bretagna

viale Europa
via don Carlo Sala
via Antica Milizia
via Stradone
via Casadei 1/2 MARATONA
via dx canale Molinetto
via dei navigatori
via Medusa
viale delle Sirti
via Delfino
via al Lido
via della Vela
via dei Navigatori
via sx canale Molinetto
via dx canale Molinetto
via Bellucci
via Filippo Lanciani
via Perilli
via Dalmagia'
via Magazzini Posteriori
Darsena
via Montecatini
via dell'Industrie
parco Teodorico
via dell'industrie
circonvalazione dei Goti
via di ROMA A R R I V O Marathon

Y rotonda Gran Bretagna
via Romea
via Panfiglia
via Rubicone
via Trento km.20°
via Santi Baldini
via Alberoni
via di Roma A R R I V O half Maratho:

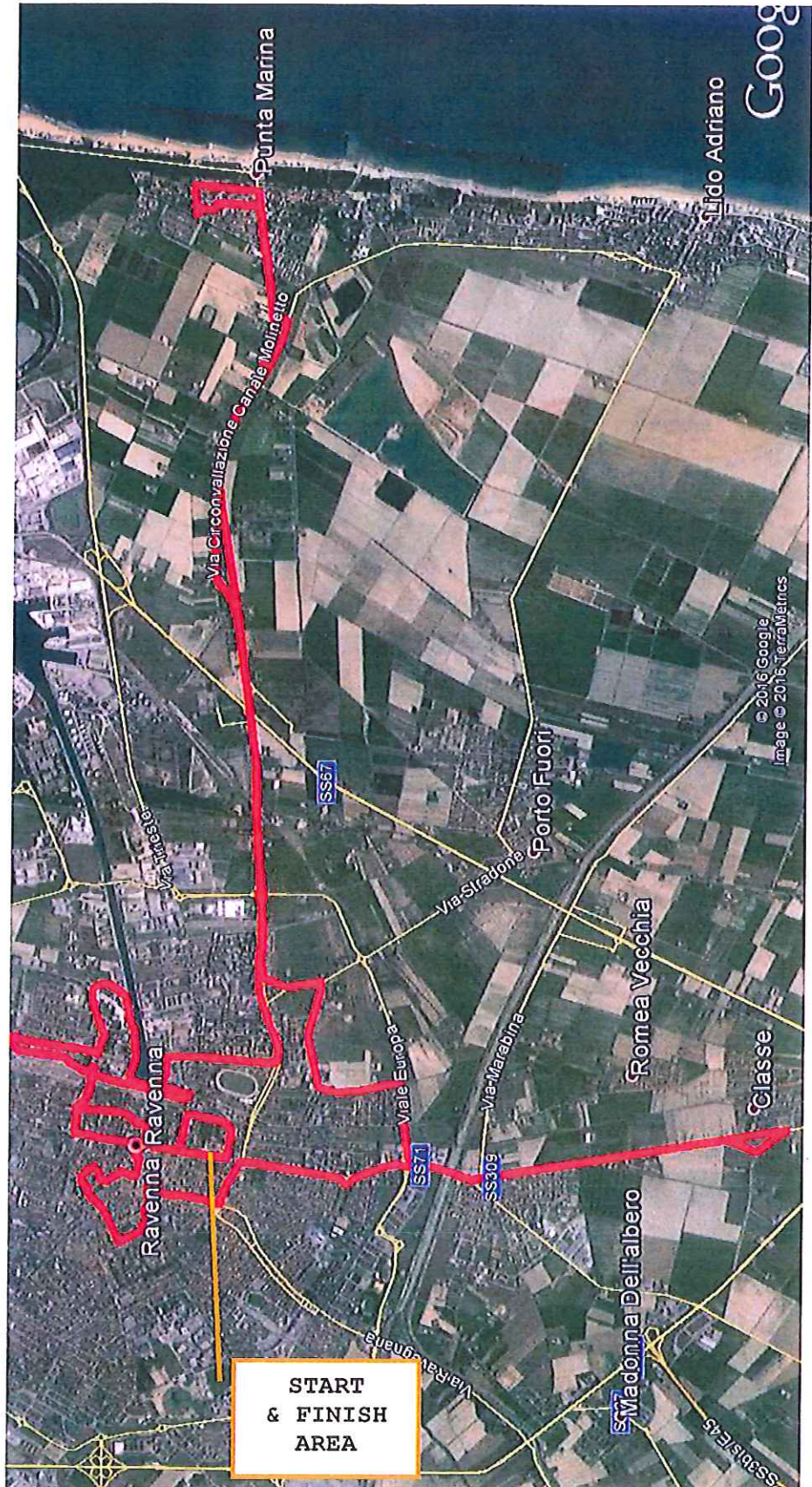


MAPS OF COURSE

General satellitary plan

annex

5



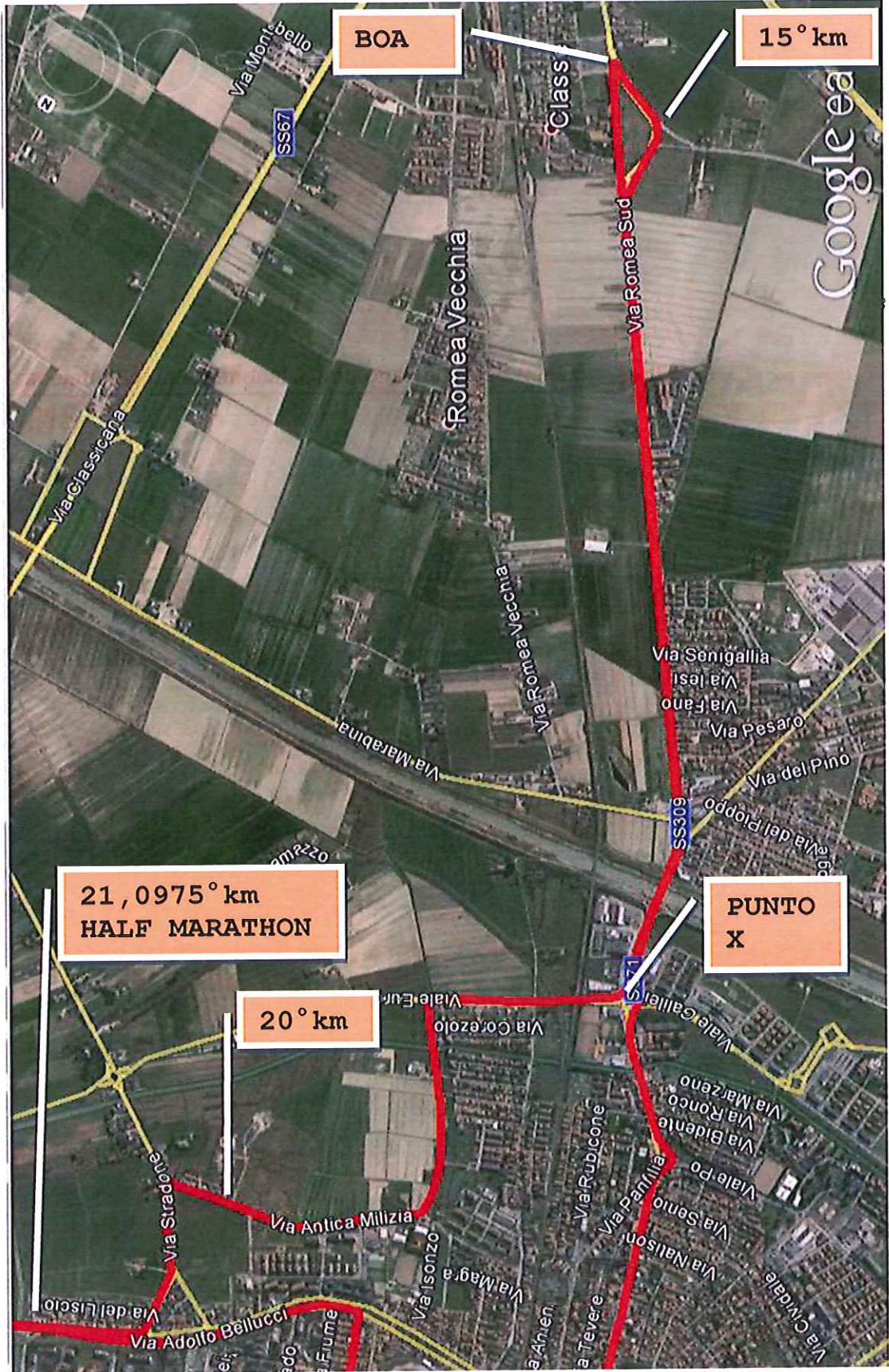
**START
& FINISH
AREA**



MAPS OF COURSE

Detailed plan: CLASSE

annex
5

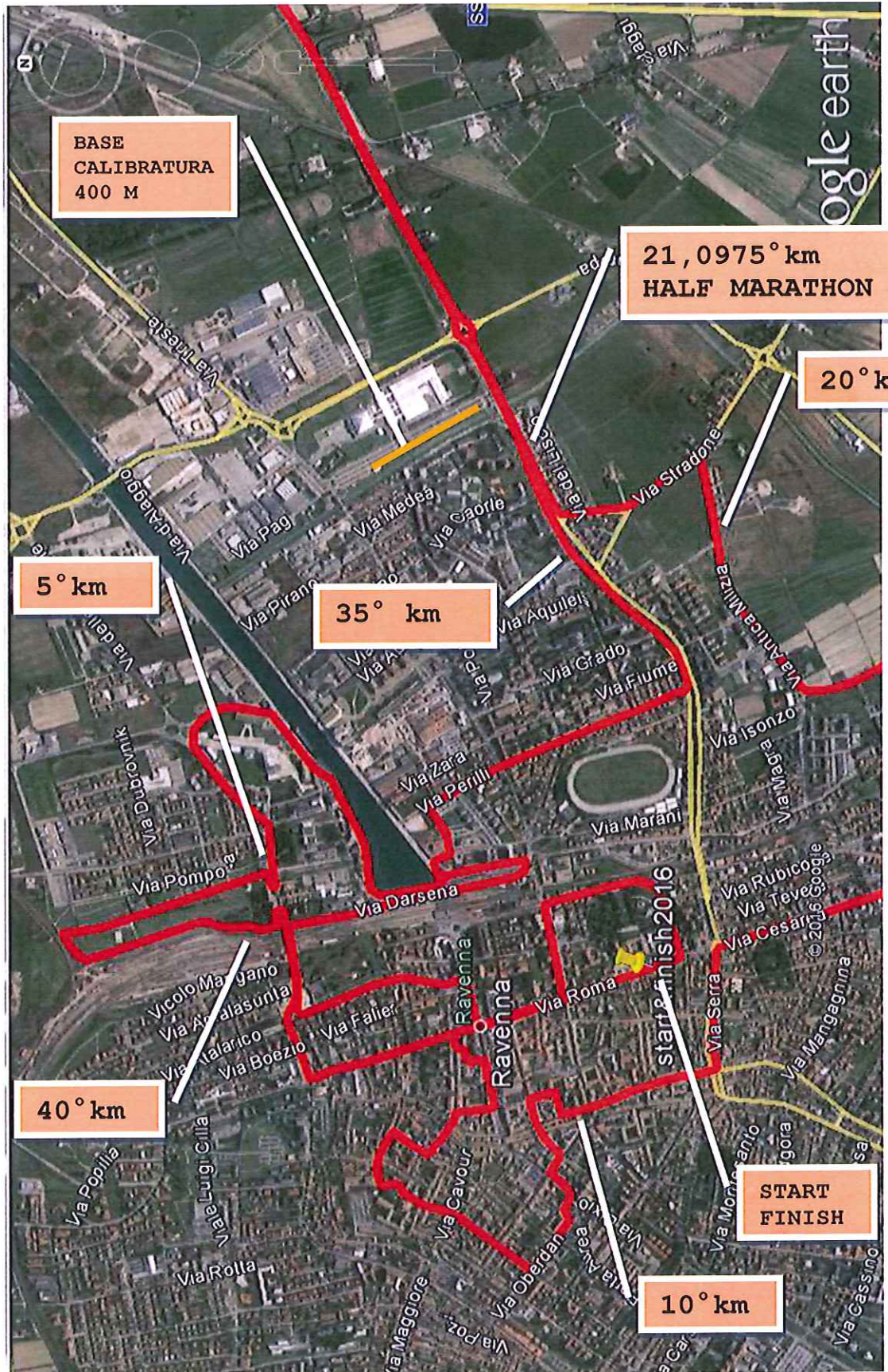




MAPS OF COURSE

Detailed plan: RAVENNA CENTRO

annex
5



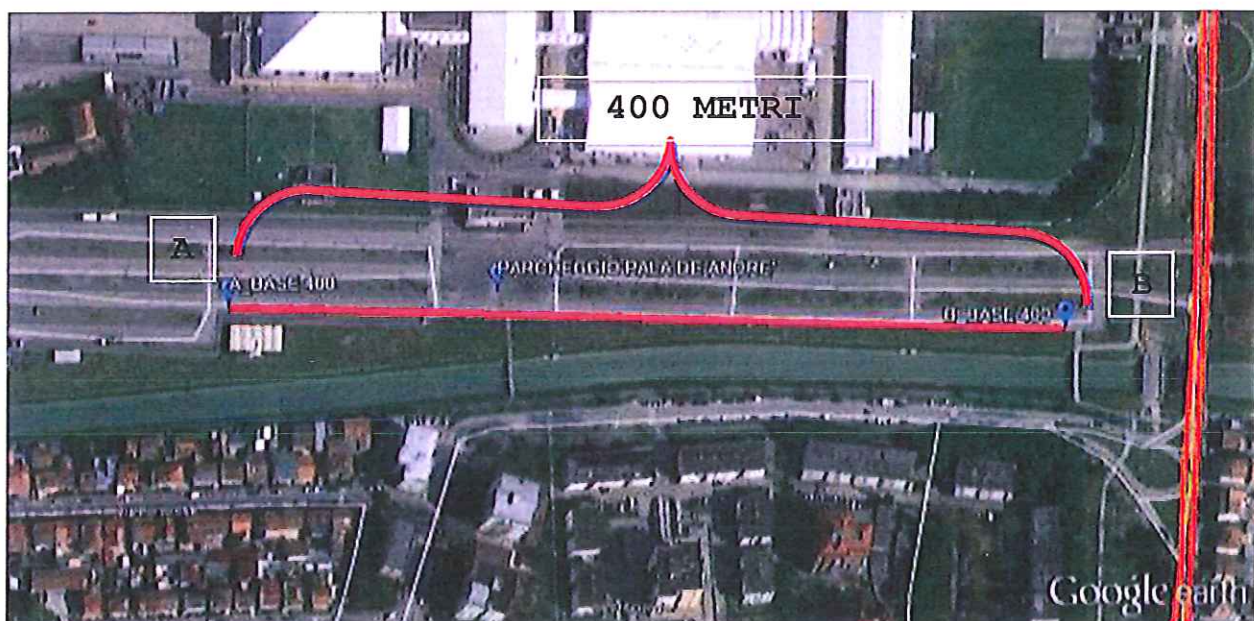
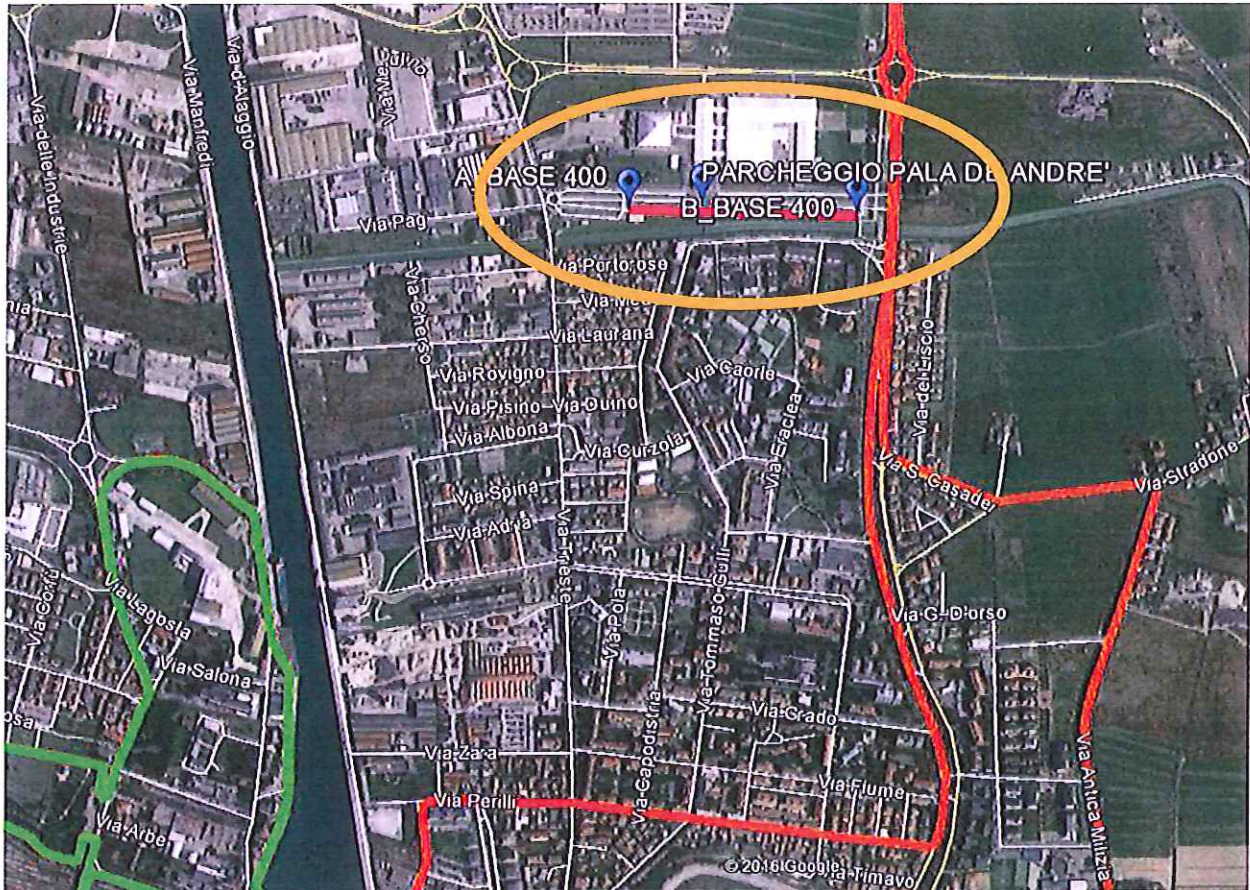


CALIBRATION DATA

Calibration's course (400 ml)
PARCHEGGIO PALA DE ANDRE' (RAVENNA)

annex

2



NOTA: La base di calibratura adottata è quella tracciata dall'ing. Massimo Grandi di Bologna tratta dal suo Report 2014, TRACCIATA CON CORDELLA METRICA IN ACCIAIO DA 50 M STANLEY MOD ST 800



CALIBRATION DATA

Calibration's course (400 ml)
PARCHEGGIO PALA DE ANDRE' (RAVENNA)

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2



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Relevé de MESURAGE d'une course pedestre

Nom du pays :

ITA

Certificat N° :

Heure début : 06^h

Température début : 7 °C

Date des relevés : 28-10-2016

Heure fin : 08³⁰ h

Température fin : 7 °C

Nom de l'épreuve :

MARATONA INTERNAZIONALE "RAVENNA CITA'" HALF

Date prévue :

13-11-2016

Officiel mesureur :

Nom OMODEO ZORINI PIER LUIGI Qualification : Mesureur "A"
Adresse : VIA LARICI n° 28 - 20152 MILANO - ITALY 39+349.1285104
pierluigi.omodeozorini@libero.it

BASE d'étalonnage :

PARKING PALAZZO ANDRÈ (RAVENNA)

Longueur : 400 m

Pré-étalonnage

Post-étalonnage

296000	300751	4751
300751	305502	4751
305502	310255	4753
310255	315007	4752

594000	598751	4751
598751	603503	4752
603503	608254	4751
608254	613006	4752

Constante du jour :
(moyenne des constantes X 1001/d)

11890,941

Moyenne PRE : 11891,254

Moyenne POST : 11890,628

Relevés de mesure du parcours proprement dit (exprimé en pulses)

Départ

$\varnothing = 45410$ Pulses }
 $\varnothing = 7^{\circ} 37' 23''$ " }
 $\varnothing = 107525$ " }

TOTALE 250758-

Total = 250758 pulses

Calcul des distances relevées (exprimés en mètres)

Pulses 250758 : (c) 11890,941 =

Total = 21088,154m *

* I METRI MANCANTI (9) NOV E VENGONO RECUPERATI AL GIRO DI BOA POSTO IN LOCALITA' CLASSE S.S. 309 - RONEA SUD. PORTANDO AVANTI LA BOA DI METRI (4,5) QUATTRO/5

Nom: MADJO ZORINI		Nom de la course: MARATHON INTÉLIGENT CITTÀ DI RAVENNA		Mesure du: 28-X-2016		Constante: 11890,941	
Prénom: PIER LUIGI				Température D: 7° A: 7			
Repère		Relève Compteur	Relève Précédent	Pulses Intermédiaires	Distances Intermédiaires	Distance totale	
0°	D.K.	<u>400,000</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>6999,694</u>	
Kn 8°	↓ MT 5,179	<u>411 833</u>	<u>400000</u>	<u>11833</u>	<u>995,124</u>	<u>7994,821</u>	
Kn 9°	D.K.	<u>423 779</u>	<u>411 833</u>	<u>11946</u>	<u>1004,630</u>	<u>8999,451</u>	
Kn 10°	RAVENNA - VIA POLENZA ↓ MT 11,561	<u>435 539</u>	<u>423 779</u>	<u>11760</u>	<u>988,988</u>	<u>9988,439</u>	
Kn 11°	↓ MT 12,65	<u>447 417</u>	<u>435 539</u>	<u>11878</u>	<u>998,911</u>	<u>10987,35</u>	
Kn 12°	↓ MT 13,15	<u>459 302</u>	<u>447 417</u>	<u>11885</u>	<u>999,500</u>	<u>11986,85</u>	
Kn 13°	↓ MT 10,70	<u>471 222</u>	<u>459 302</u>	<u>11920</u>	<u>1002,443</u>	<u>12989,293</u>	
Kn 14°	↓ MT 8,68	<u>483 137</u>	<u>471 222</u>	<u>11915</u>	<u>1002,023</u>	<u>13991,316</u>	
Kn 15°	LOCALITÀ CLASSE S.S. 309 - RONCA SUD ↓ MT 8,66	<u>495 052</u>	<u>483 137</u>	<u>11915</u>	<u>1002,023</u>	<u>14993,339</u>	
BoA 16°	LOCALITÀ CLASSE S.S. 309 - RONCA SUD ↓ MT 4,50	<u>500 803</u>	<u>495 052</u>	<u>5751</u>	<u>483,645</u>	<u>15476,984</u>	
Kn 17°	↓ MT 4,122	<u>506 866</u>	<u>500 803</u>	<u>6063</u>	<u>509,894</u>	<u>15986,878</u> + 9 MT BoA	
Kn 18°	↓ MT 2,18	<u>518 780</u>	<u>506 866</u>	<u>11914</u>	<u>1001,939</u>	<u>16988,817</u> + 9 MT BoA	

civico n° 30

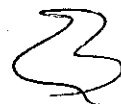
marciapiede

marciapiede

marciapiede

R A V E N N A

via di Roma



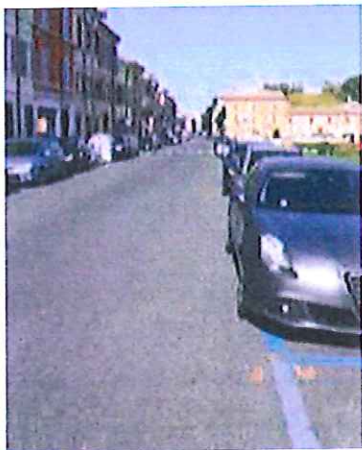
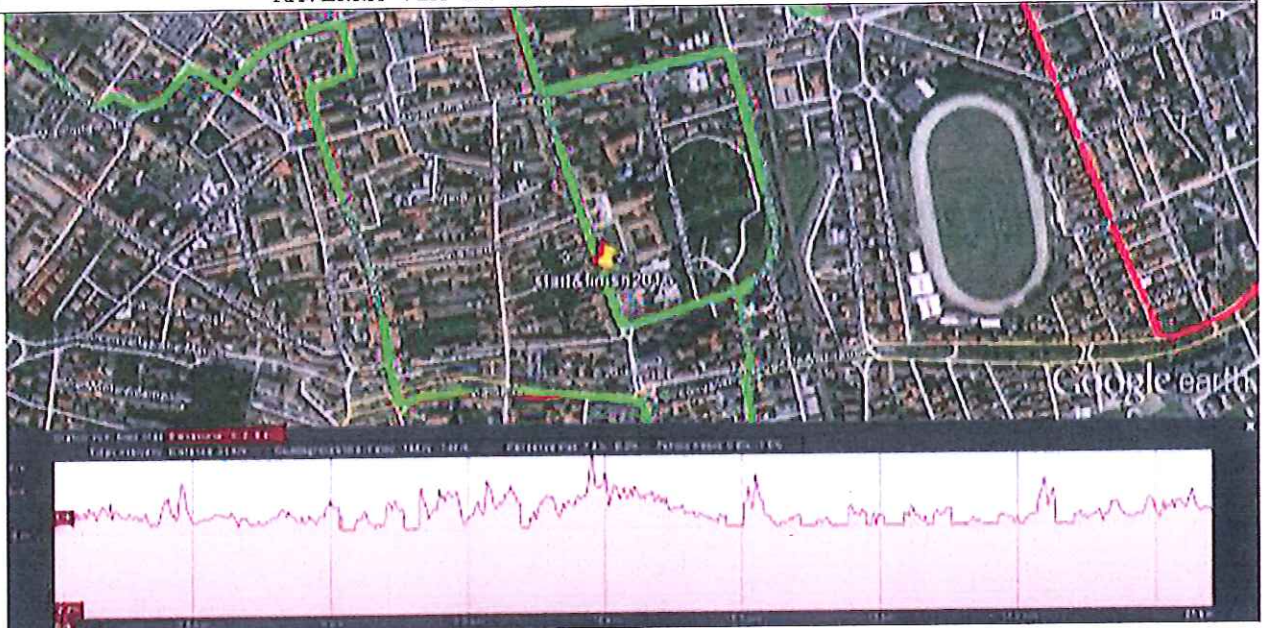


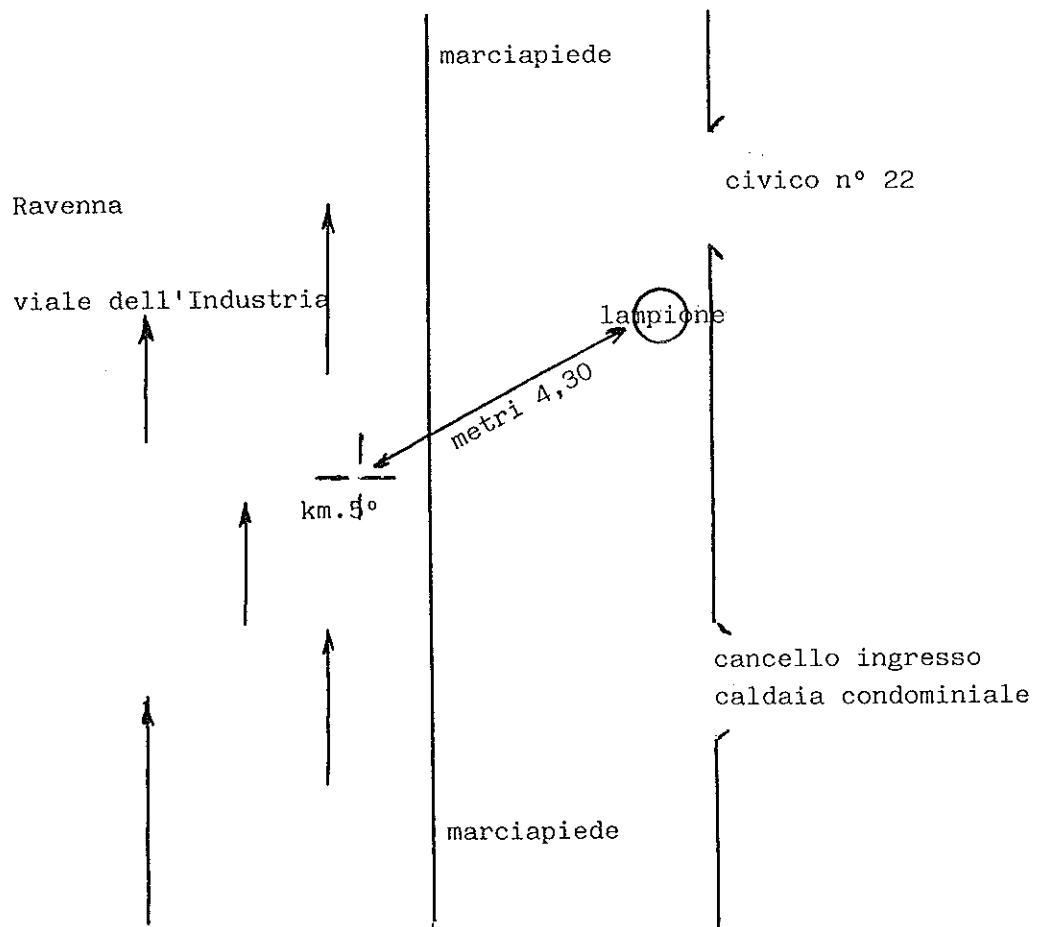
POINTS

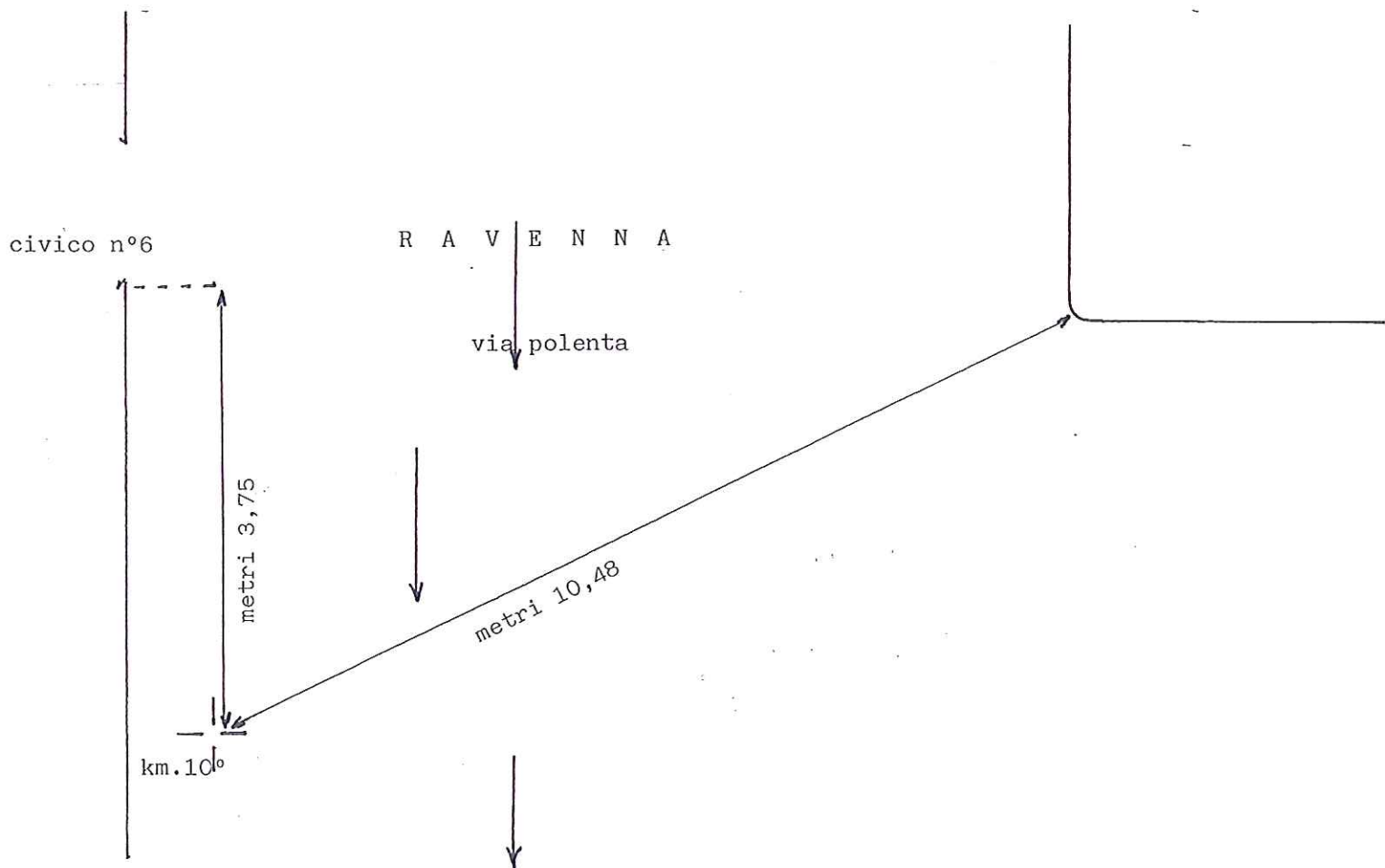
Data sheets

MONOGRAFIA	1	START & FINISH	km	0
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Posizione : RAVENNA VIA DI ROMA





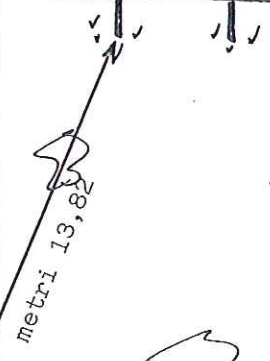
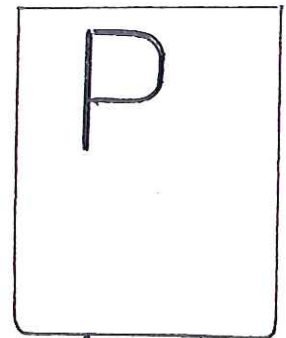
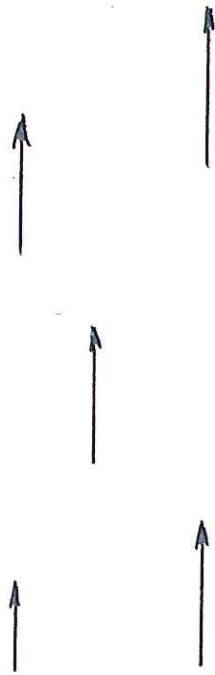




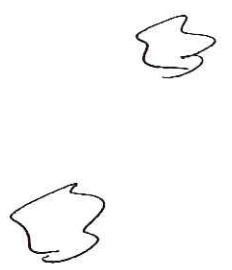
C L A S S E

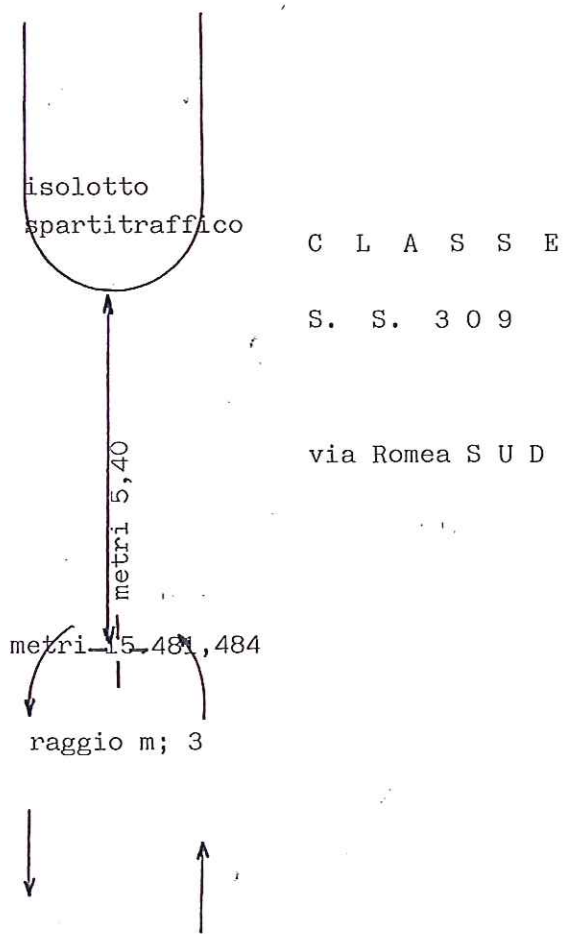
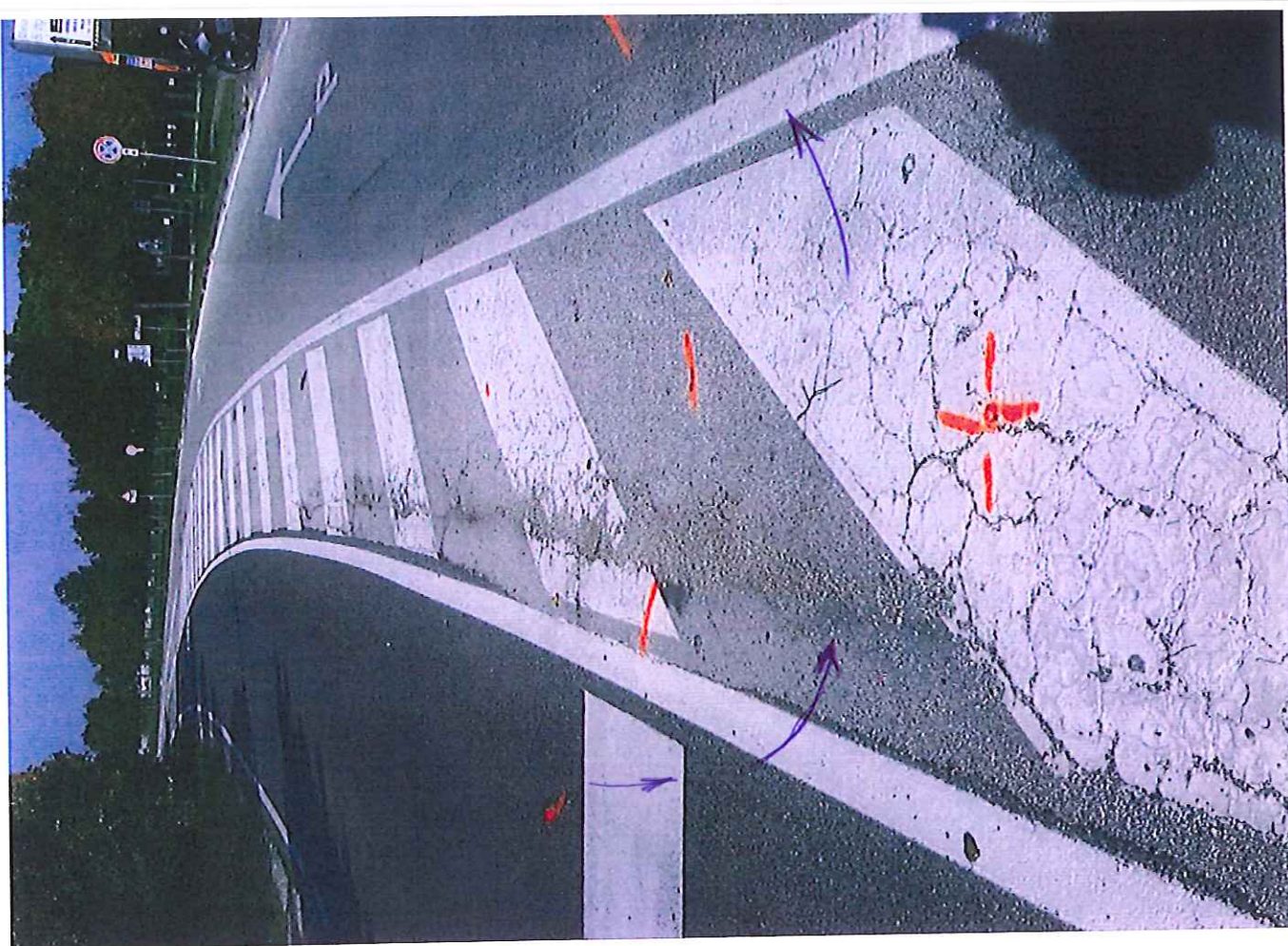
S. S. 3 0 9

Romea S U D

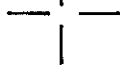


km 15°

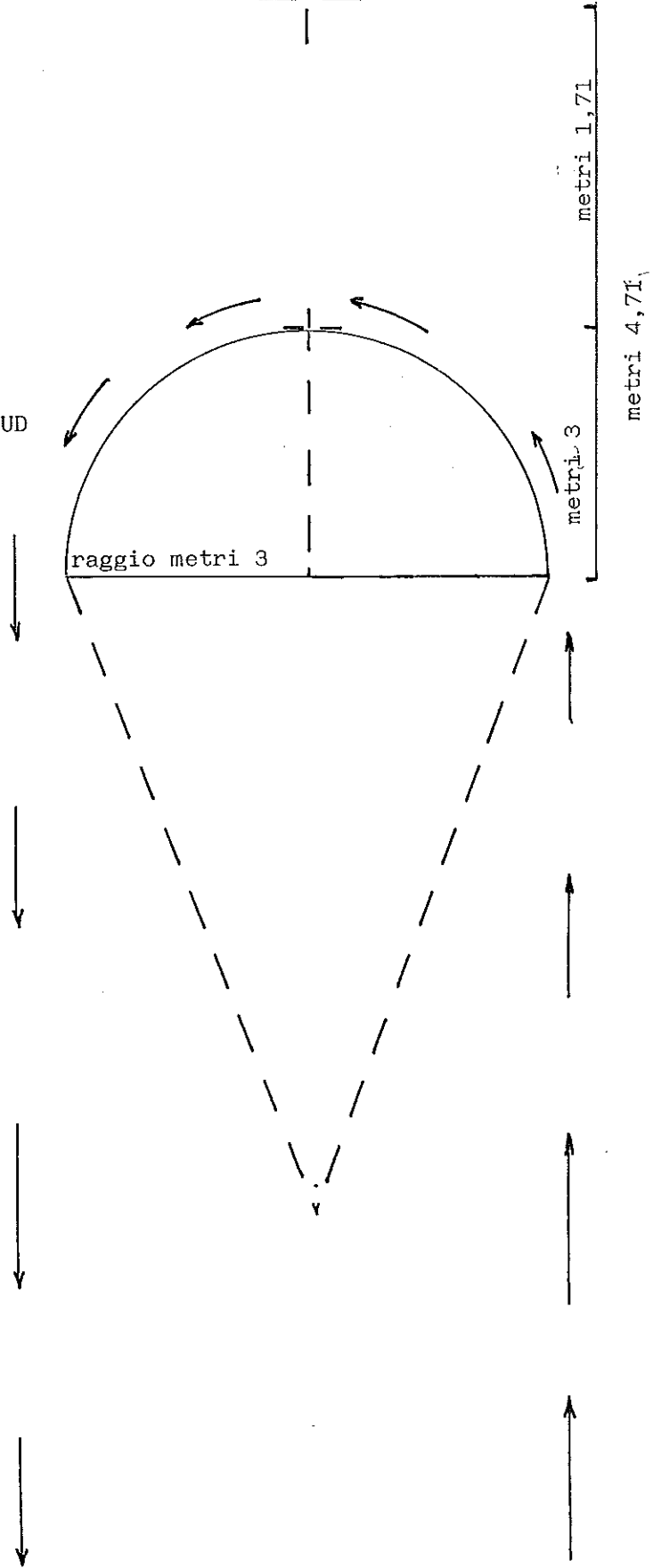




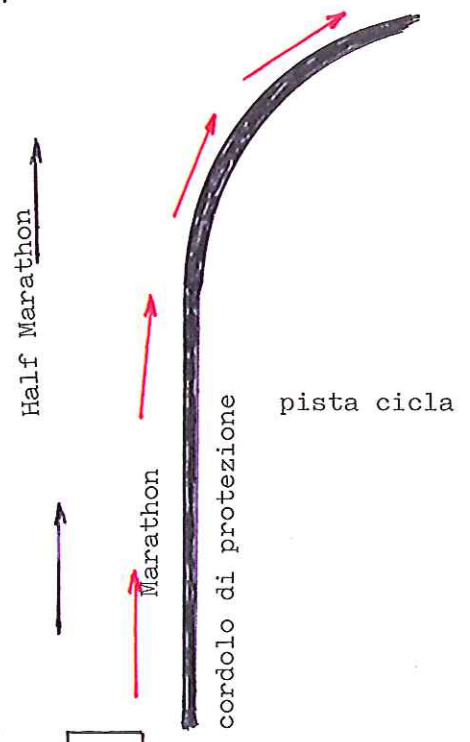
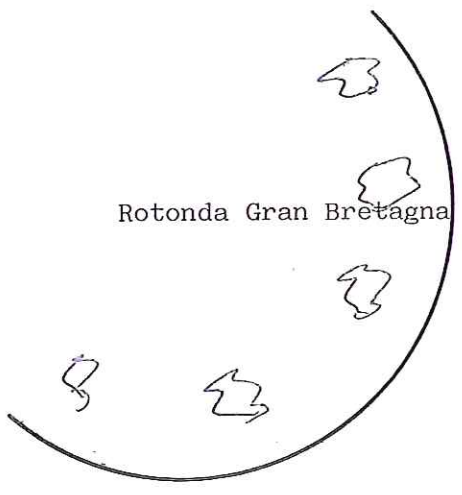
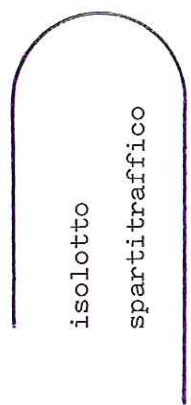
B O A metri 15.481,484



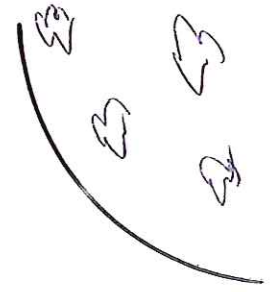
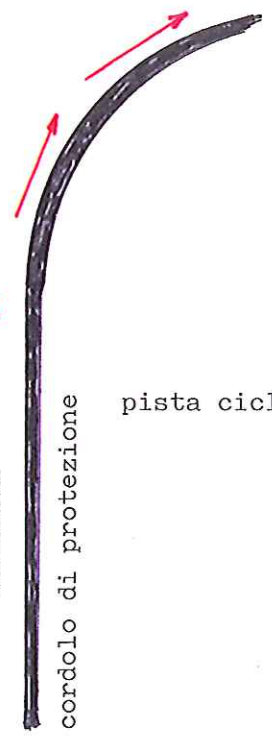
CLASSE
S. S. 309
via Romea SUD



via Galilei



deviazione punto Y
metri 18485,751



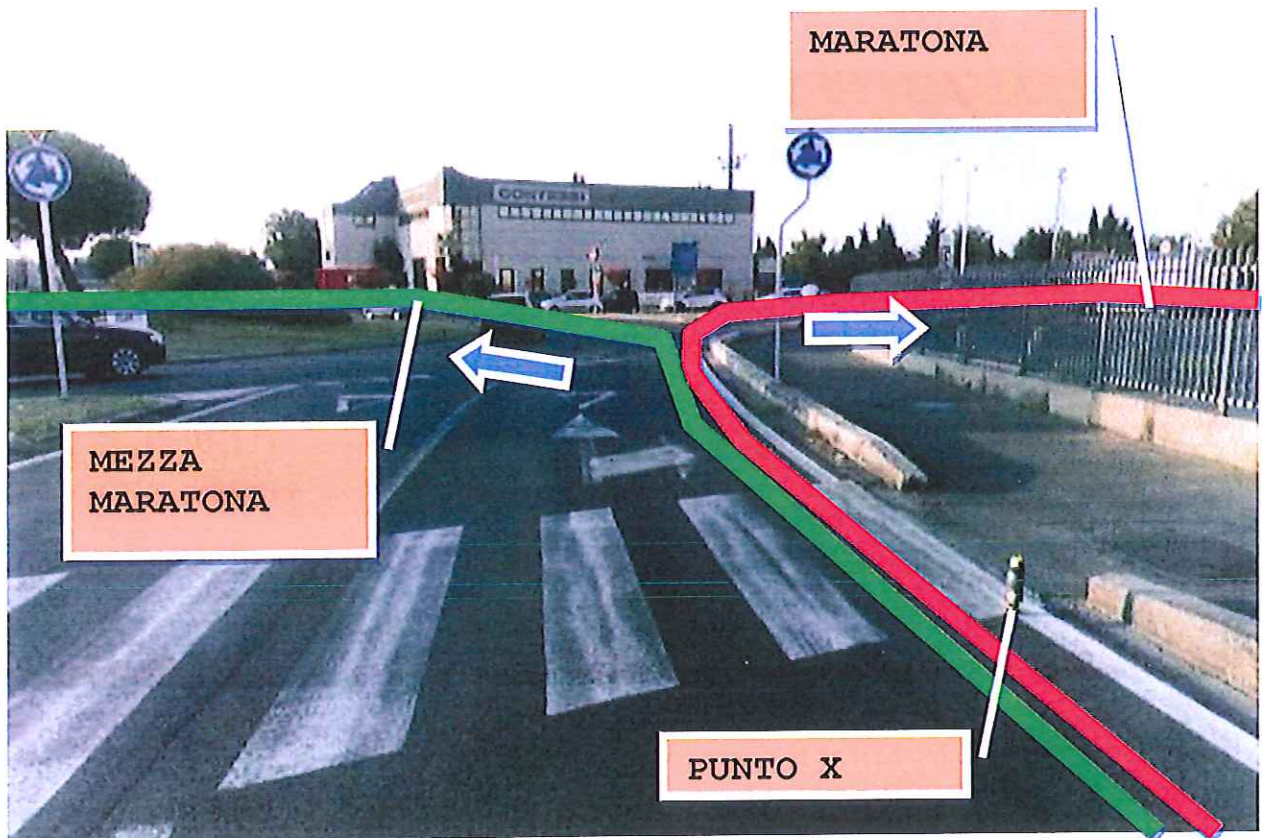
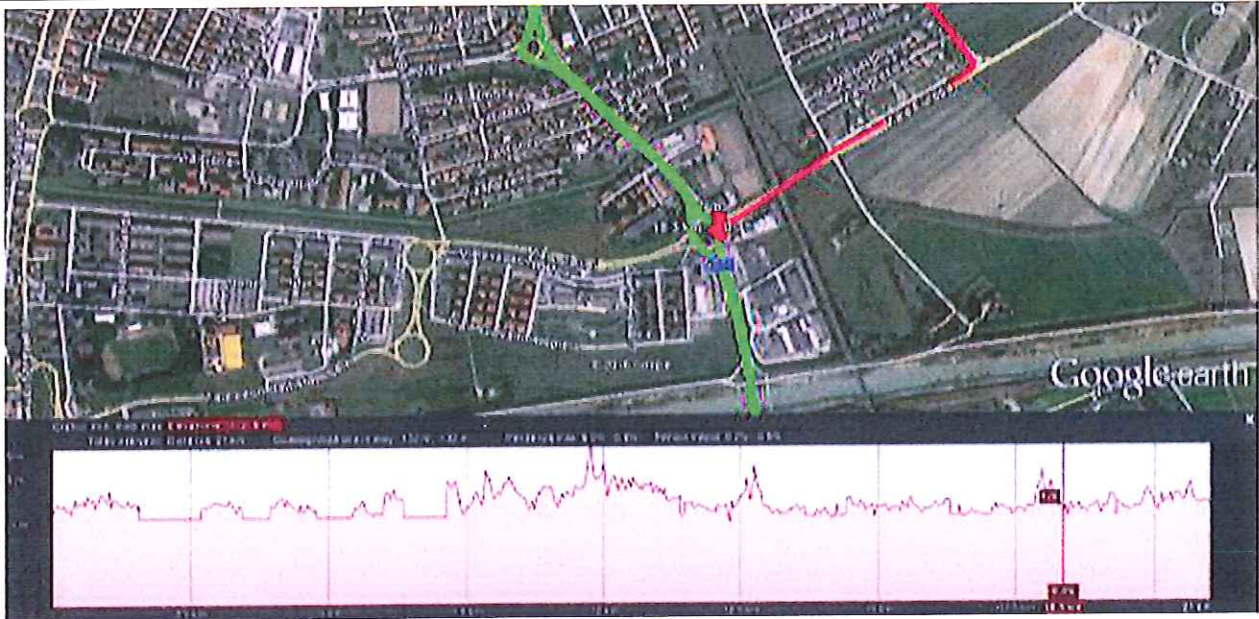


POINTS

Data sheets

annex
7

MONOGRAFIA	6	PUNTO y	km 18.485,251
Posizione : RAVENNA: ROTONDA GRAN BRETAGNA (BIVIO MARATONA E MEZZA)			

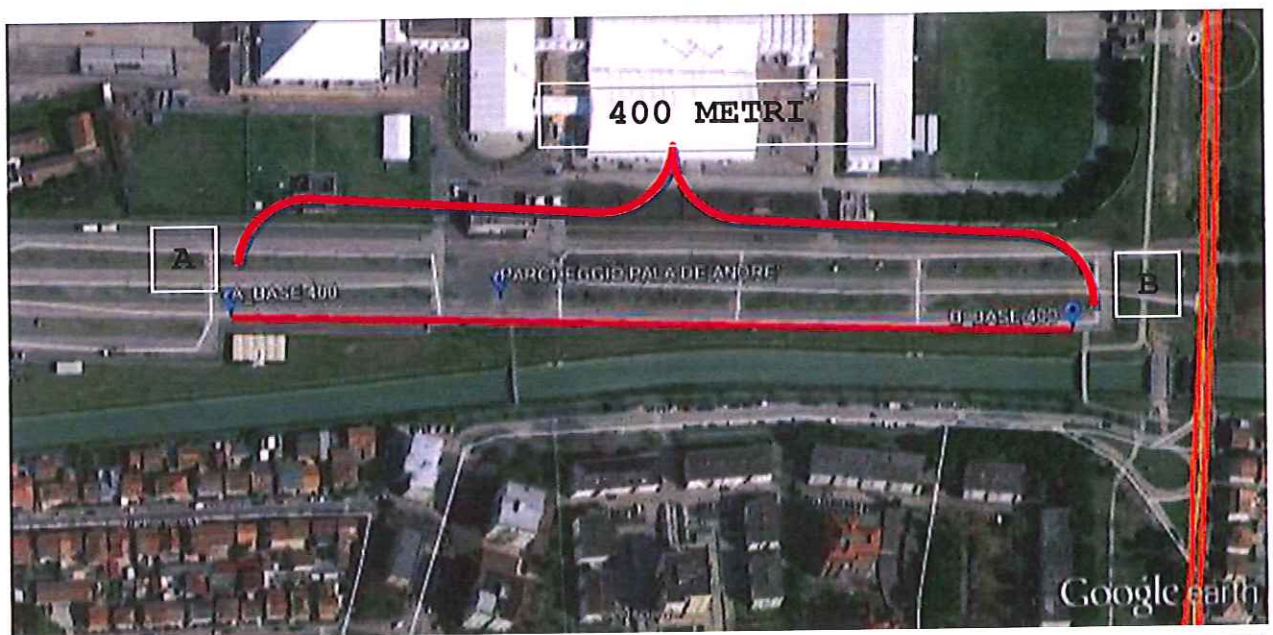
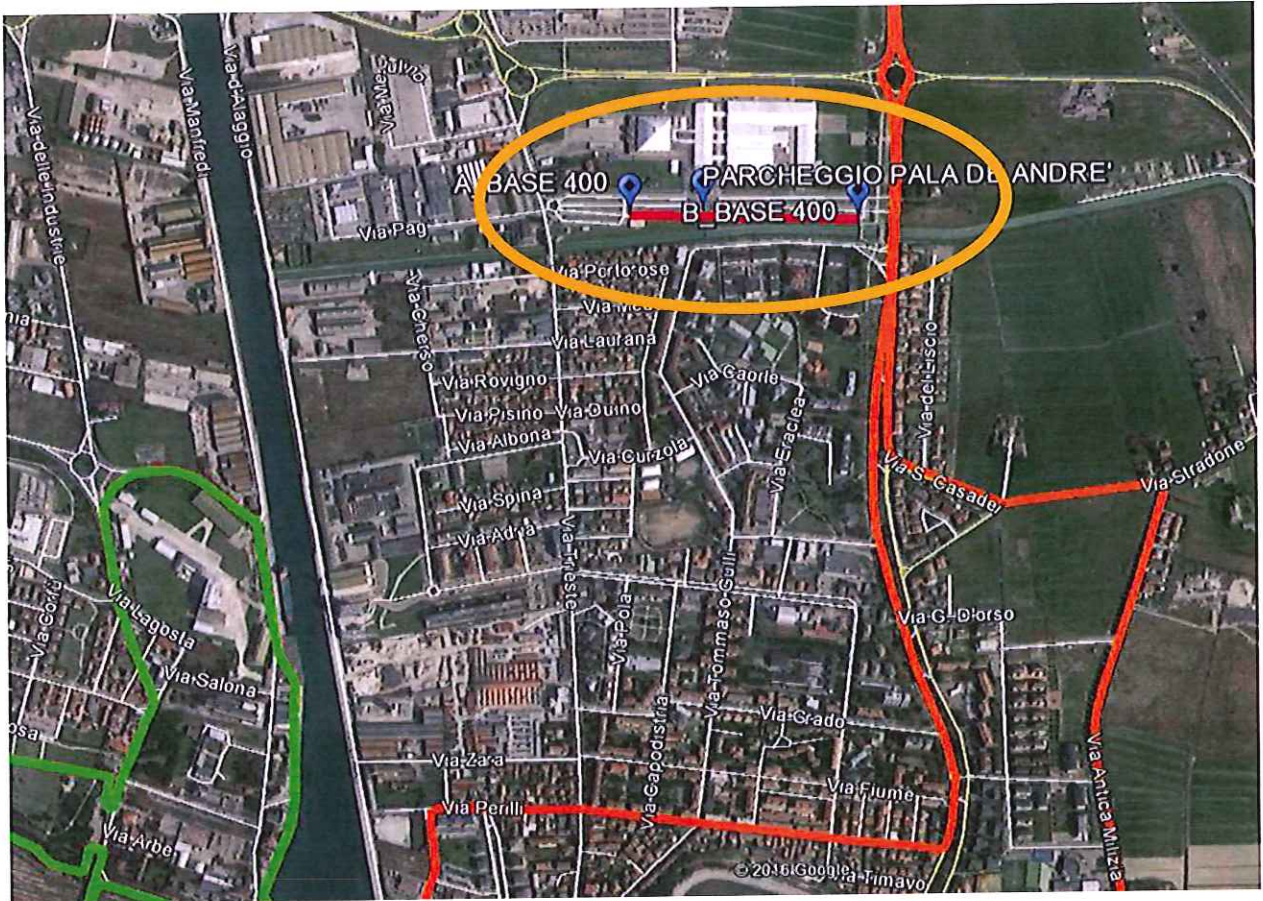




CALIBRATION DATA

annex
2

Calibration's course (400 ml)
PARCHEGGIO PALA DE ANDRE' (RAVENNA)



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CALIBRATION DATA

Calibration's course (400 ml)
PARCHEGGIO PALA DE ANDRE' (RAVENNA)

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AIMC

AIMS

Relevé de MESURAGE d'une course pedestre

Nom du pays :

ITA

Certificat N° :

Date des relevés : 28-10-2016

Heure début : 10^h

Température début : 9 °C

Heure fin : 12^h 45

Température fin : 13 °C

Nom de l'épreuve :

MARATHON INTERNAZIONALE "RAVENNA CITTÀ"

Date prévue : 13-11-2016

Officiel mesureur :

Nom OMODEO ZORINI PIER LUIGI Qualification : Mesureur "A"
Adresse : VIA LARICI n° 28 - 20152 MILANO - ITALY 39349.1285104
pierluigi.omodeozorini@libero.it

BASE d'étalonnage : RAVENNA - PARKING PALA DO ANDRÈ Longueur : 400 M -

Pré-étalonnage

Post-étalonnage

594000	598751	4751
598751	603503	4752
603503	608254	4751
608254	613006	4752

923000	927745	4745
927745	932490	4745
932490	937239	4749
937239	941985	4746

Constante du jour :
(moyenne des constantes X 1001/d)

11884,215

Moyenne PRE : 11890,628

Moyenne POST : 11877,490

Relevés de mesure du parcours proprement dit (exprimé en pulses)

Départ

Ø > Y = 723.000 > KM 35° 921103 = Pulses 198103

Ø > KM 35° 944300 > ARRIVÉE 30490 " 86190

Total = 284293 pulses

Calcul des distances relevées (exprimés en mètres)

Pulses 284293 : (C) 11884,215 = M 23 921,899

" 219700 : (C) 11890,941 = M 18 476,25

+ METRI 09 - ALLA BOA

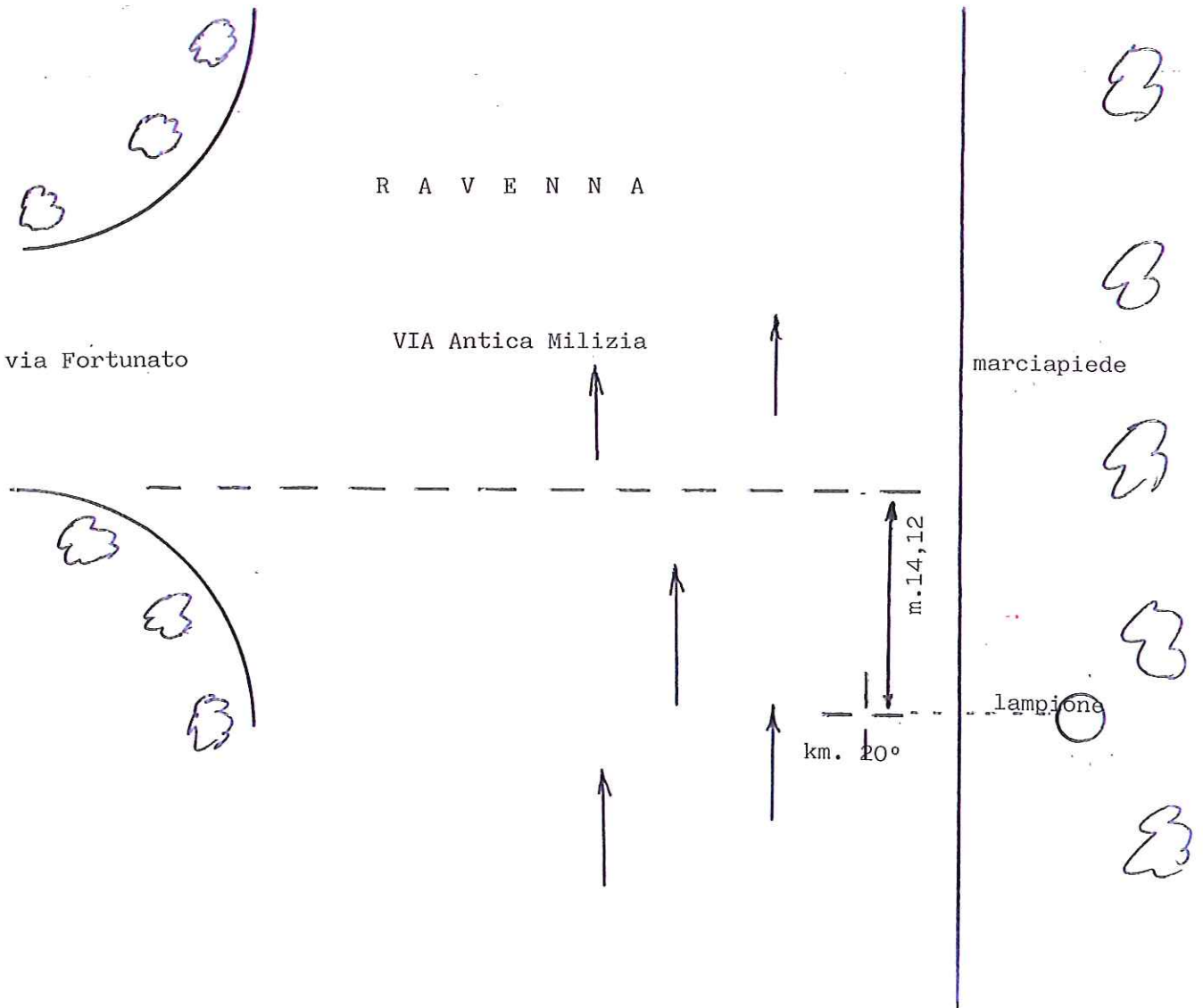
9,00

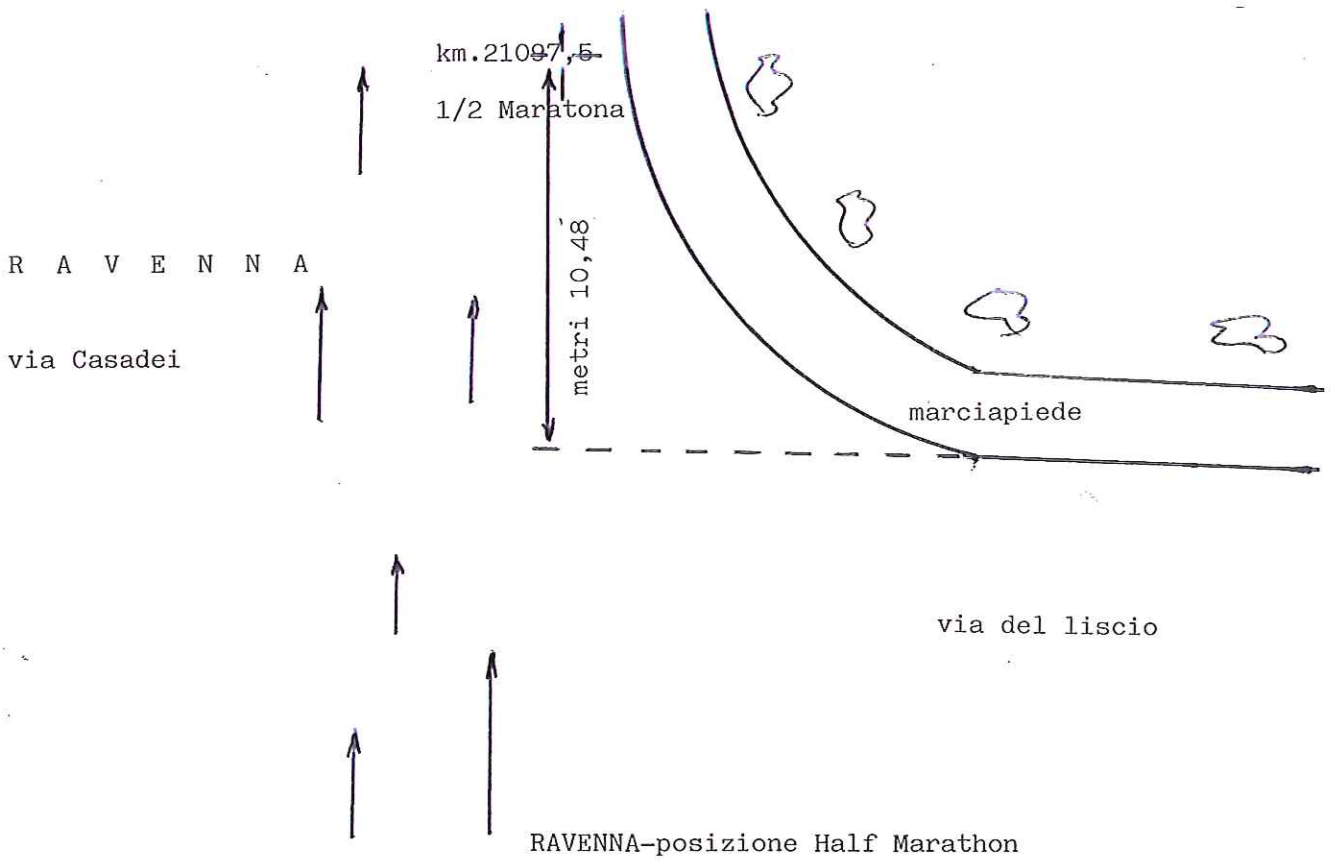
Total = 42.407,149m*

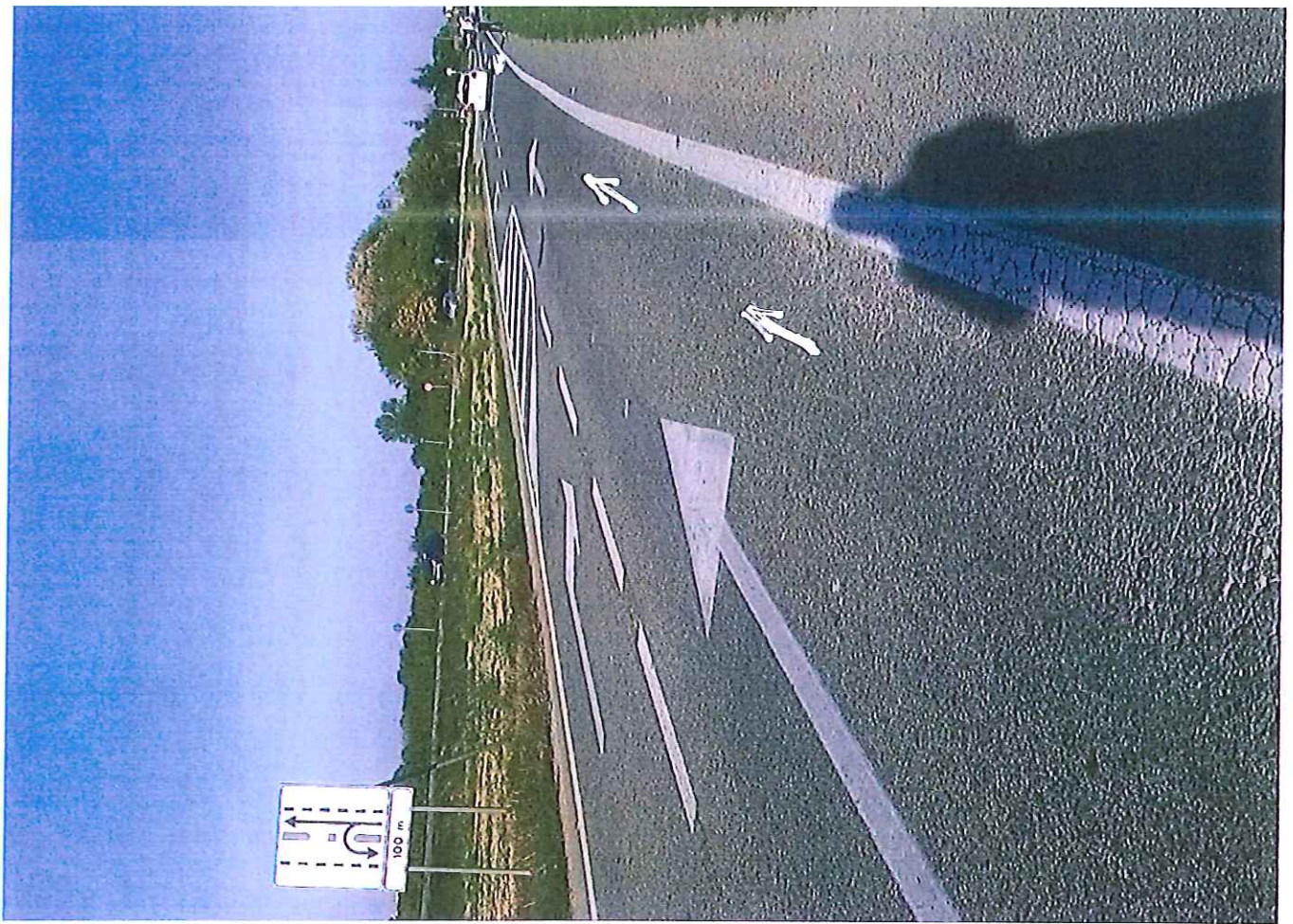
* 1 METRI IN SURPLUS 219,140 VENGONO PERSI A PUNTA MARINA TERME TRA I KM 28° e 29° -

Nom: <u>MAURO TORINI</u>		Nom de la course: <u>MARATHON MILIE "RAVENNA CIVIA"</u>		Mesure du: <u>28-X-2016</u>		Constante: <u>11884,215</u>	
Prénom: <u>PIRE LUINI</u>				Température D: <u>9</u> A: <u>13</u>			
Repère		Relvé Compteur	Relvé Précédent	Pulses Intermédiaires	Distances Intermédiaires	Distance totale	
Y	RAVENNA INIZIO PASS. PEDONALE ROTONDA GRAN BRISTANA	<u>723000</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>18485,251</u>	
Km 19°	↑ MT 6,614	<u>729196</u>	<u>723000</u>	<u>6196</u>	<u>521,353</u>	<u>19006,614</u>	
Km 20°	RAVENNA VIA ANTICA MILIZIA ↑ MT 18,628	<u>741223</u>	<u>729196</u>	<u>12027</u>	<u>1012,014</u>	<u>20018,628</u>	
Km 21°	↑ MT 26,182	<u>753197</u>	<u>741223</u>	<u>11974</u>	<u>1007,554</u>	<u>21026,182</u>	
1/2 Km 22°	RAVENNA VIA CASADEI DOPO VIA LISIO ↑ MT 26,795	<u>754363</u>	<u>753197</u>	<u>1166</u>	<u>98,113</u>	<u>21124,295</u>	
Km 22°	↑ MT 32,137	<u>765152</u>	<u>754363</u>	<u>10789</u>	<u>907,842</u>	<u>22032,137</u>	
Km 23°	↑ MT 33,88	<u>777057</u>	<u>765152</u>	<u>11905</u>	<u>1001,748</u>	<u>23033,885</u>	
Km 24°	↑ MT 42,61	<u>789045</u>	<u>777057</u>	<u>11988</u>	<u>1008,733</u>	<u>24042,618</u>	
Km 25°	VIA DX CANALE MOLINATO 2° SVINCOLO X RAVENNA ↑ MT 53,202	<u>801055</u>	<u>789045</u>	<u>12010</u>	<u>1010,584</u>	<u>25053,202</u>	
Km 26°	↑ MT 62,20	<u>813047</u>	<u>801055</u>	<u>11992</u>	<u>1009,069</u>	<u>26062,271</u>	
Km 27°	↑ MT 71,80	<u>825042</u>	<u>813047</u>	<u>11995</u>	<u>1009,322</u>	<u>27071,593</u>	
Km 28°	↑ MT 80,	<u>837027</u>	<u>825042</u>	<u>11985</u>	<u>1008,480</u>	<u>28080,073</u>	

Nome MODULO ZORINI		Nóm de la course:		Mesure du: 28-X-2016	Constante:	
Prénom: PIER LUIGI		MARATONA INT. 20 "RAVENNA CITTÀ"		Température D: 9 A: 13		11884,215
Repère		Relève Compteur	Relève Précédent	Pulses Intermédiales	Distances Intermédiales	Distance totale
Km 35	RAVENNA-VIA BELLUCCI PALO PASSAGGIO PEDONALE ↓ HT 57,47	<u>944300</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>35154,864</u>
Km 36	↓ HT 56,56	<u>956195</u>	<u>944300</u>	<u>11895</u>	<u>1000,907</u>	<u>36155,771</u>
Km 37	↓ HT 56,081	<u>968085</u>	<u>956195</u>	<u>11890</u>	<u>1000,486</u>	<u>37156,057</u>
Km 38	↓ HT 56,186	<u>979842</u>	<u>968085</u>	<u>11757</u>	<u>989,295</u>	<u>38145,352</u>
Km 39	↓ HT 56,397	<u>991612</u>	<u>979842</u>	<u>11770</u>	<u>990,389</u>	<u>39135,741</u>
Km 40	RAVENNA-GIARDINO COMUNALE HT. 50,39 DOPO KARTELLO PARCORSO VIA ° 10 ↓ HT 49,618	<u>4171</u>	<u>991612</u>	<u>12559</u>	<u>1056,779</u>	<u>40192,52</u>
Km 41	↑ HT 41,83	<u>16429</u>	<u>4171</u>	<u>12258</u>	<u>1031,452</u>	<u>41223,972</u>
Km 42	↑ HT 47,11	<u>28376</u>	<u>16429</u>	<u>11947</u>	<u>1005,283</u>	<u>42229,255</u>
A R I V O	RAVENNA VIA DI ROMA FRONTI CIVICO 30 O.K.	<u>30490</u>	<u>28376</u>	<u>2114</u>	<u>177,883</u>	<u>42407,138</u>
*	<p>ABBIAMO UN SURPLUS DI METRI (2.12,138) DUE CENTO DADI CI / 138 CHE ANDREMO A PERDERE IN LOCALITÀ PUNTA MARINA TERME-ALVARO DI BOA POSTO TRA IL KM 28° E IL KM 29°</p>					



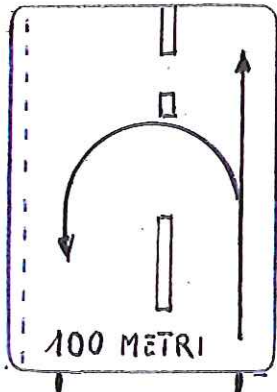




R A V E N N A

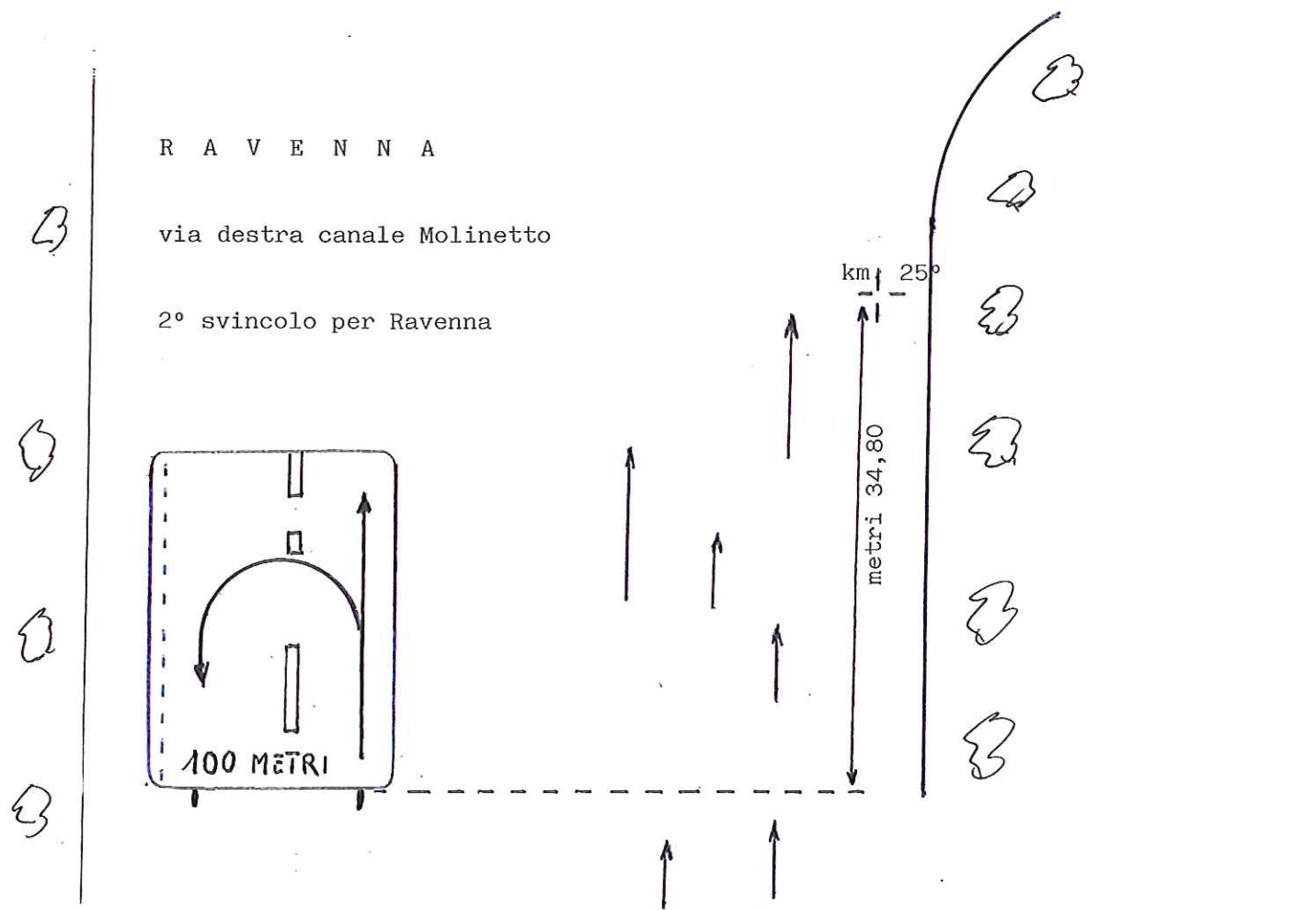
via destra canale Molinetto

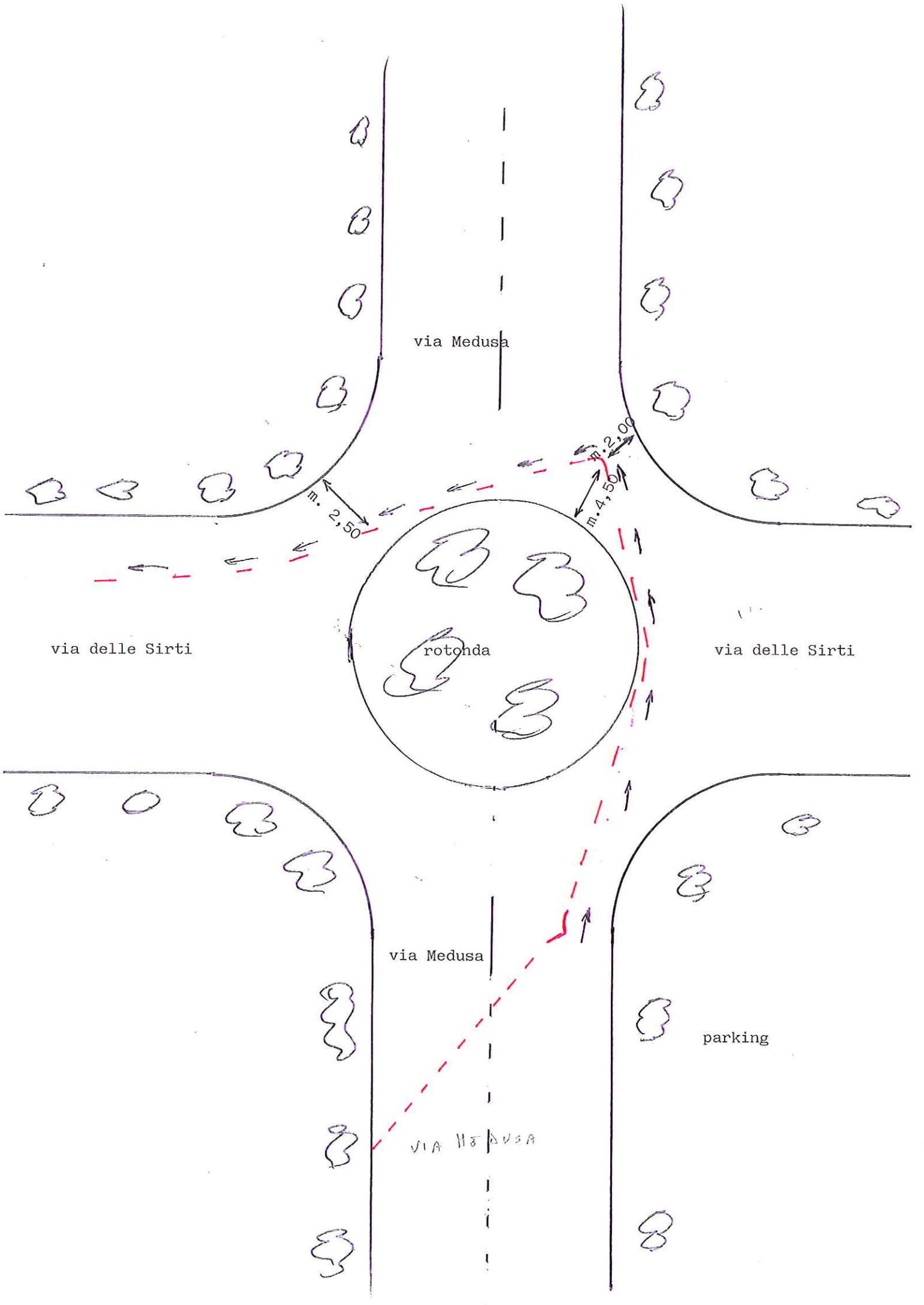
2° svincolo per Ravenna



km 25

metri 34,80





via Medusa

via delle Sirti

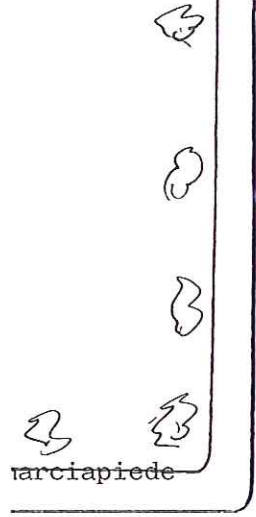
rotonda

via delle Sirti

via Medusa

parking

VIA MEDUSA



PUNTA Marina Terme

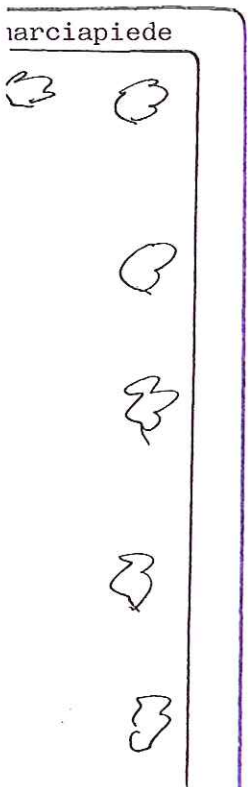
isolotto
spartitraffico

via Delfino



metri 10,60

via delle Sirti

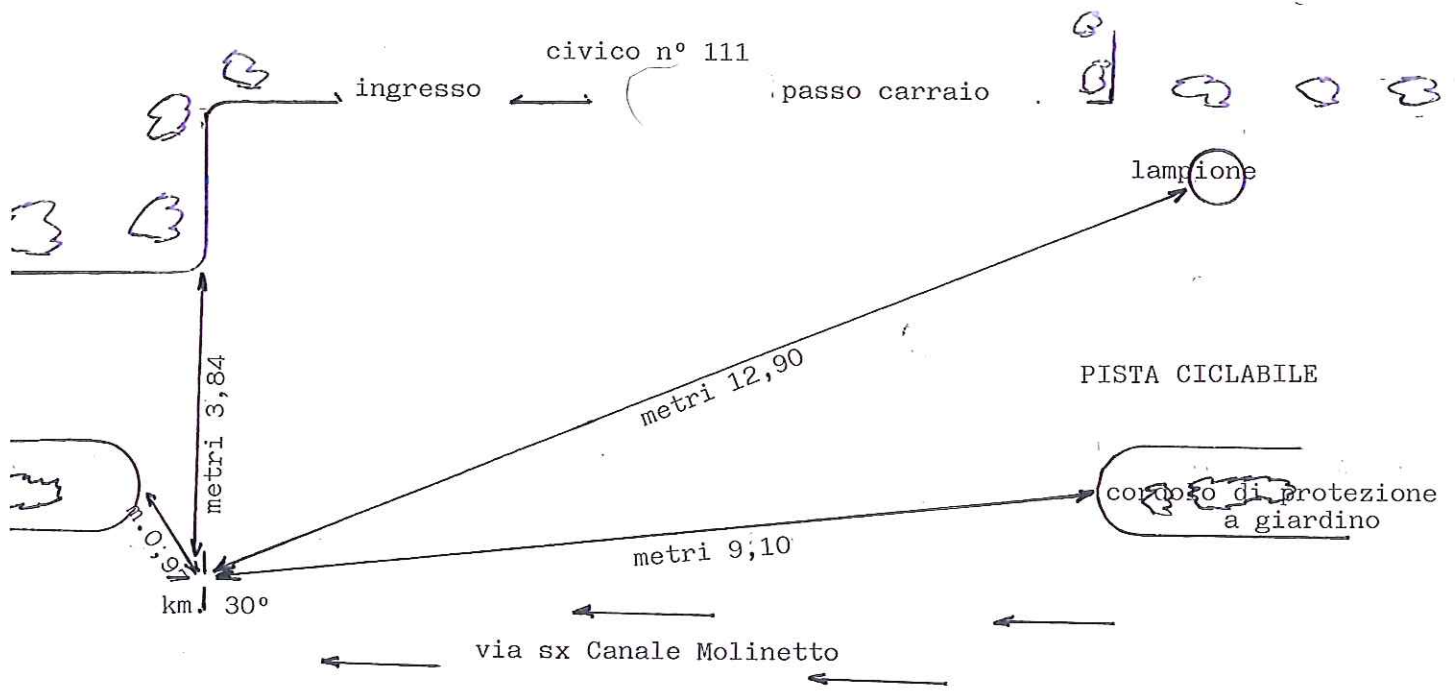
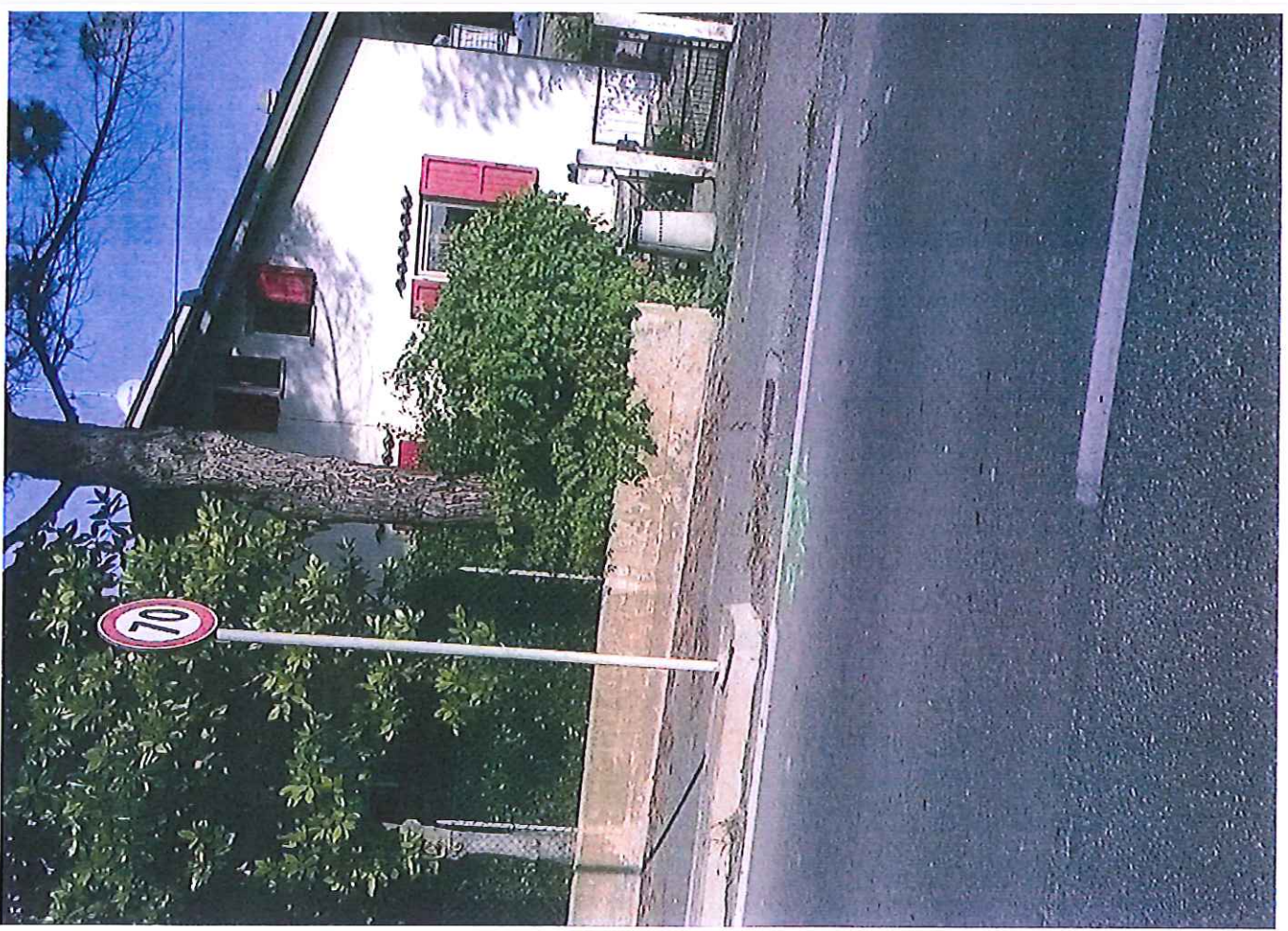


isolotto
spartitraffico

marciapiede

marciapiede

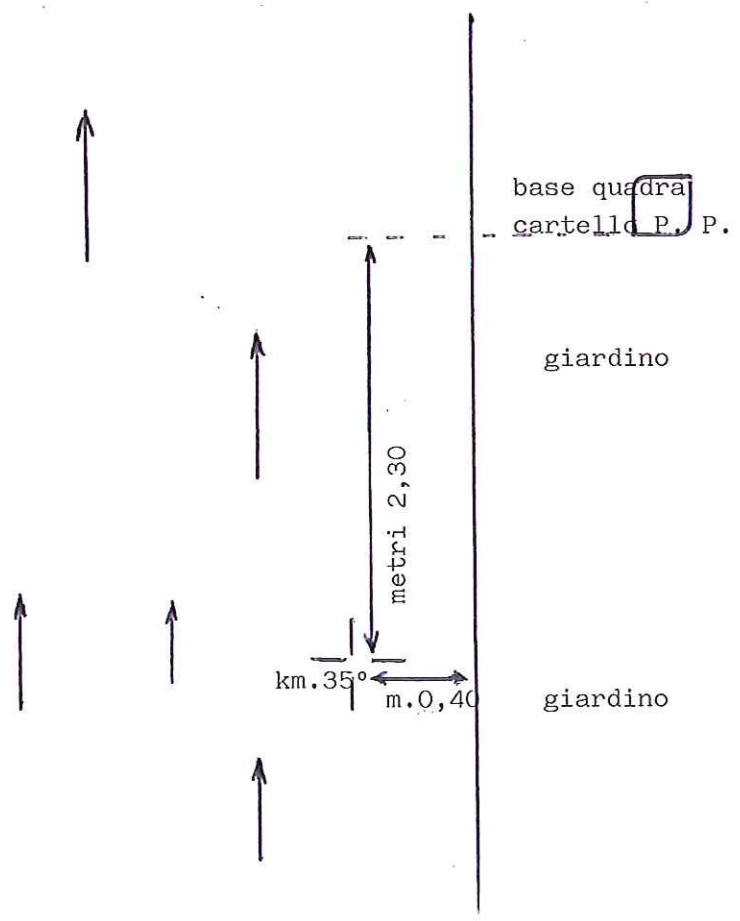
PUNTA MARINA TERME - via delle Sirti



PUNTA MARINA' TERME



R A V E N N A
via Bellucci



base quadra
cartello P. P.

giardino

metri 2,30

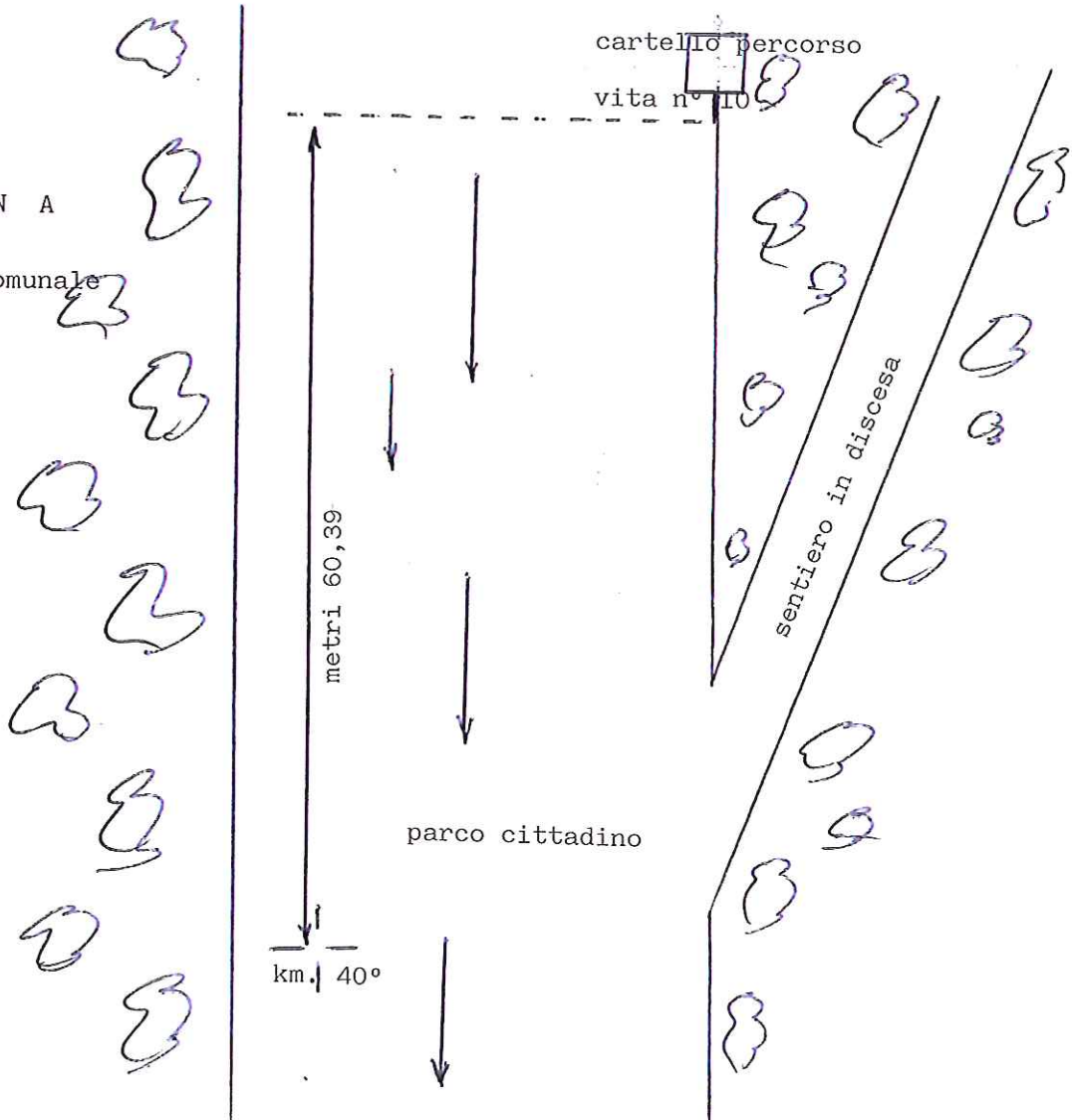
km.35° m.0,40

giardino



R A V E N N A

interno parco Comunale



civico n° 30

marciapiede

marciapiede

marciapiede

R A V E N N A

via di Roma





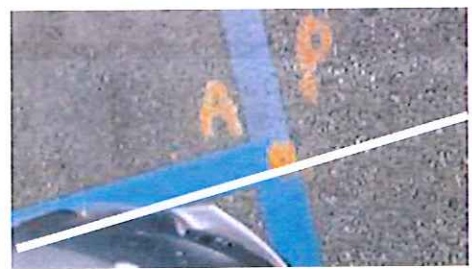
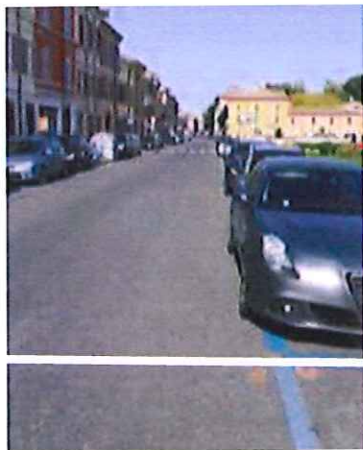
POINTS

Data sheets

annex
7

MONOGRAFIA	1	START & FINISH	km	0
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Posizione : RAVENNA VIA DI ROMA



IL PRESENTE VERBALE E' STATO REDATTO DA:

Nome :	Pier Luigi
Cognome :	Medeo Zorini
Indirizzo :	VIA LARICI n° 28 - 20152 Milano
TEL. :	—
FAX. :	—
CELL. :	39+3491285104
E.MAIL :	pierluigiomedeozorini@libero.it

**PER OGNI INFORMAZIONE E COMUNICAZIONE INERENTE
LA MISURAZIONE USARE I CITATI RECAPITI**

Data Misurazione:	28/29 10 2016				
MISURATORI:					
1 Cognome:	Medeo Zorini	Nome:	Pier Luigi	Città:	Milano
2 Cognome:		Nome:		Città:	
				Nazione:	15

FIRME 