

Milano, 1 Dicembre 2018

Confronto tra le principali
gare nazionali della
specialità SPRINT e le
analoghe manifestazioni
internazionali



Alessio Tenani



Class: **Women B**

ORIENTEERING WORLD CUP
FINAL ROUND 2018
CZECH REPUBLIC

MLADÁ BOLESLAV
7.10.2018 1:4 000 e=2 m

pořadatelé: **ČESKÝ ORIENTAČNÍ SPOLEK**

Institucionální partner: **Středočeský kraj**

Mladá Boleslav

hlavní partner: **bagheera**

SUN INVENT

Evidence: **18 S 035 P**
Mapová podklad: **Jan Fátor**
Mapová podklad: **ortofoto, DMR 50**
Hlavní kartograf: **Jan Fátor**
Vytiskla: **Markéta Žaková**
Správce mapy: **David Alen - david.alen@wcup.cz**
Zpracoval a vyladil: **Český orientační spolek**

OWC Final 2018 Sprint			
Women B 3.0 km 70 m			
60 m			
1	17	11	12
2	25	13	14
3	28	15	16
4	41	17	18
5	45	19	20
6	45	21	22
7	51	23	24
8	55	25	26
9	55	27	28
10	52	29	30
11	52	31	32
12	55	33	34
13	40	35	36
14	40	37	38
15	35	39	40
16	100	41	42

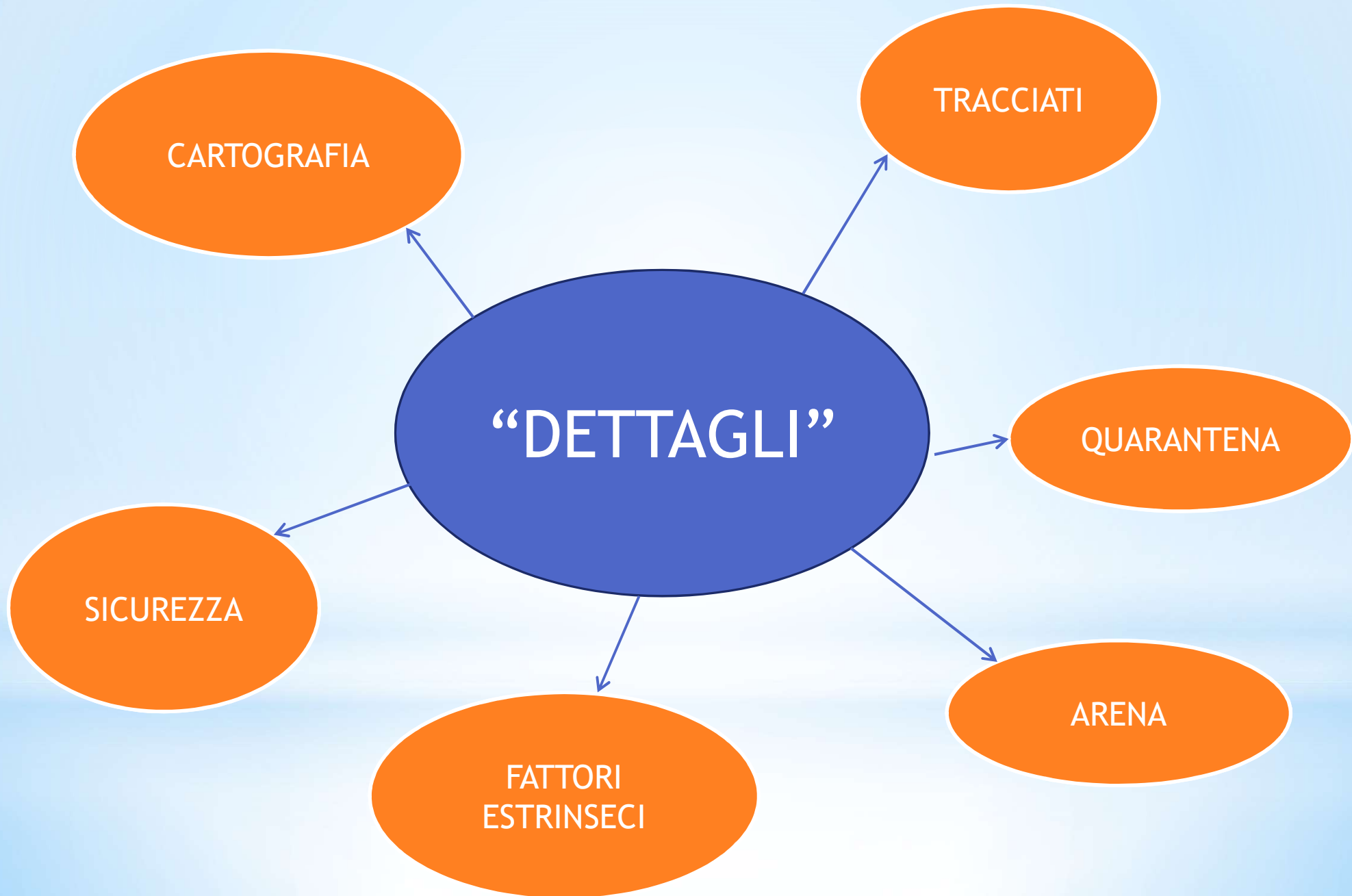
Use if SI falls: **R1 R2 R3**

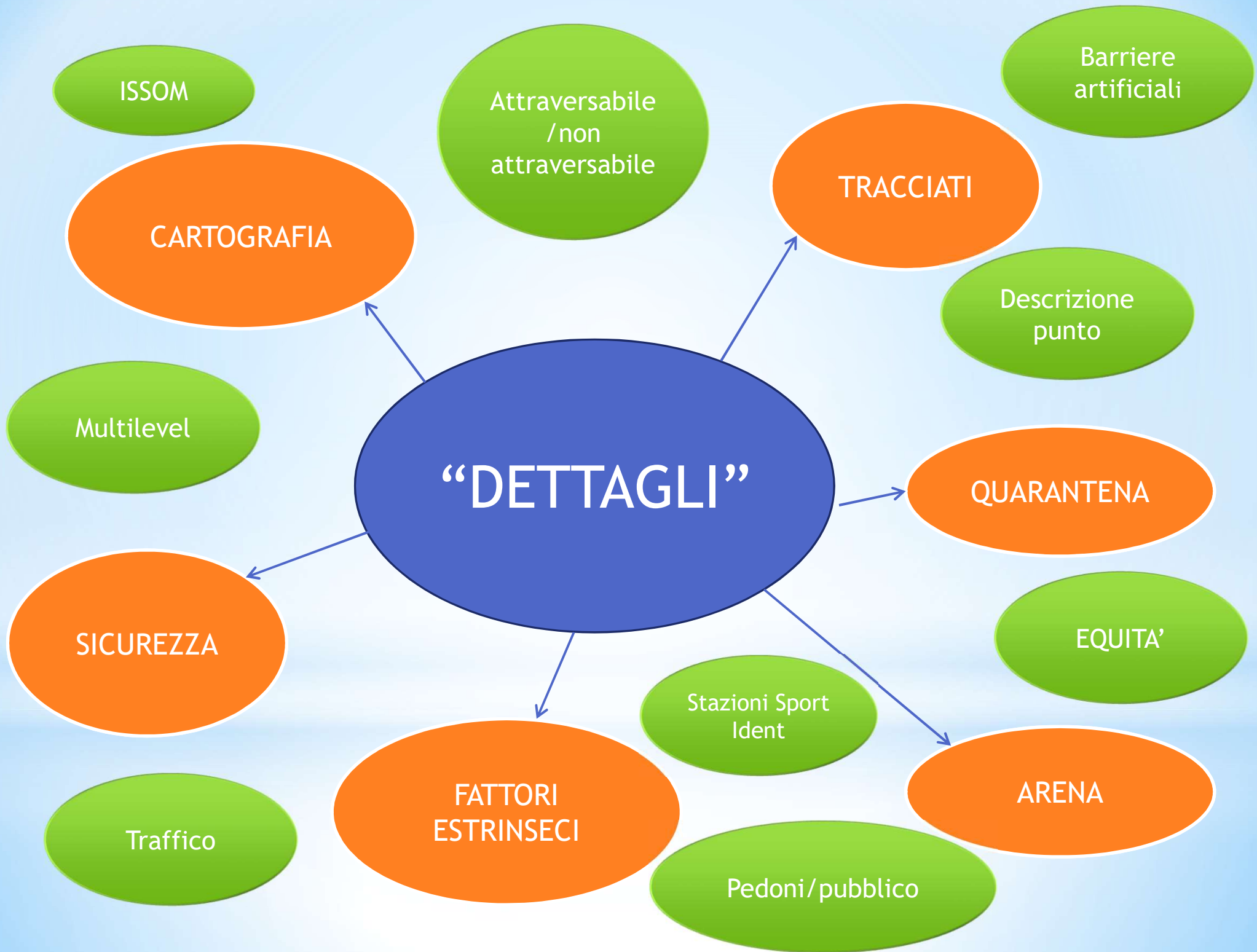
E' più semplice organizzare una gara «Urban» sprint rispetto ad una gara «Forest» nel bosco?!



La differenza principale tra gli eventi nazionali e quelli internazionali è nella cura dei «DETTAGLI»







ISSOM

CARTOGRAFIA

Multilevel

SICUREZZA

Traffico

Attraversabile
/ non
attraversabile

TRACCIATI

Barriere
artificiali

Descrizione
punto

QUARANTENA

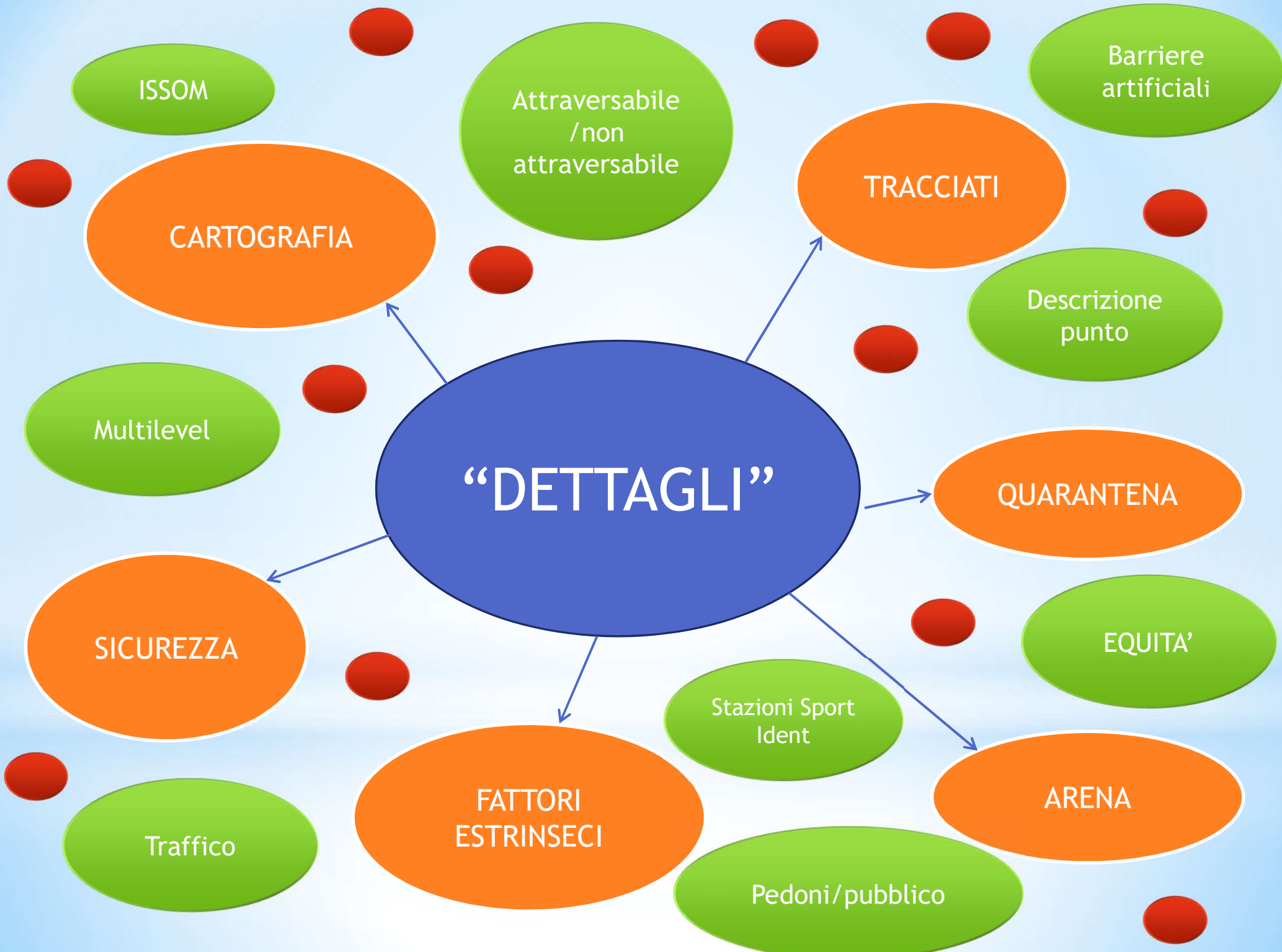
EQUITA'

Stazioni Sport
Ident

AREN'A

Pedoni/publico

FATTORI
ESTRINSECI



“DETTAGLI”

CARTOGRAFIA

TRACCIATI

QUARANTENA

AREN'A

FATTORI
ESTRINSECI

ISSOM

Attraversabile
/ non
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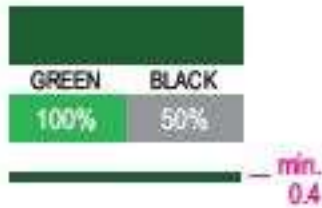
Stazioni Sport
Ident

Pedoni/pubblico

Traffico

SICUREZZA





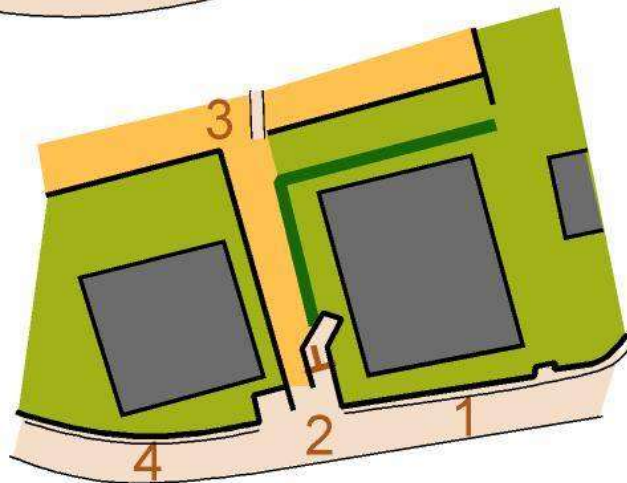
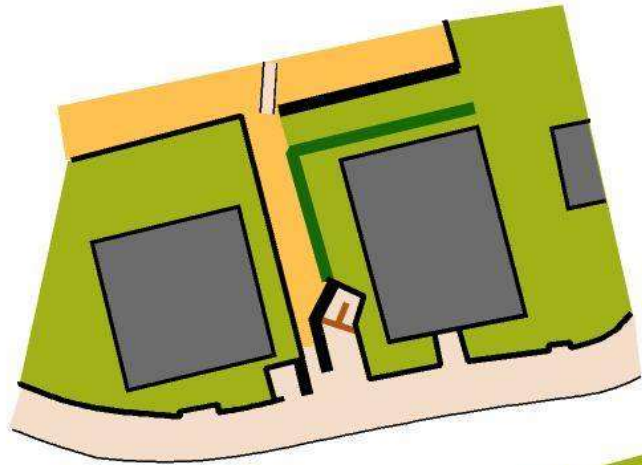
421 Impassable vegetation (forbidden to cross)

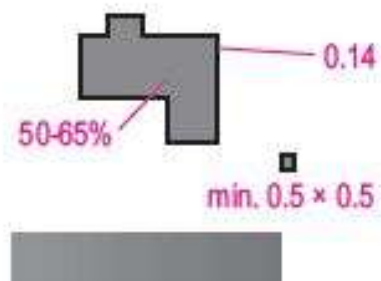
An area of dense vegetation (trees or undergrowth) which is impassable or which shall not be crossed, due to forbidden access or because it may constitute a danger to the competitor.

Colour: green 100%, black 50% (min. 60 lines/cm).

It is forbidden to cross impassable vegetation!

Competitors violating this rule will be disqualified.





526.1 Building (forbidden to pass through or over)

A building is a relatively permanent construction having a roof.

Buildings within symbol *area with forbidden access* (527.1) may just be represented in a simplified manner. Areas totally contained within a building shall be mapped as being a part of the building.

The minimum gap between buildings and between buildings and other impassable features shall be 0.40 mm.

The black screen percentage should be chosen according to the terrain. A dark screen gives a better contrast to passable areas, such as streets, stairways and canopies, while a light screen makes contours and course overprint more clearly visible (which can be important in very densely built up urban terrain and in steep urban terrain). The black screen shall be the same for the whole map.

Colour: black 50-65%, black.

It is forbidden to pass through or over a building!

Competitors violating this rule will be disqualified.



Features that are important for navigation, indicate runnability, or which shall not be crossed in sprint orienteering, have been listed in Chapter 5. Features that are not important for a competitor taking part in a sprint orienteering event should not be mapped. Examples of this are waste baskets, fire hydrants, parking meters and individual street lights.

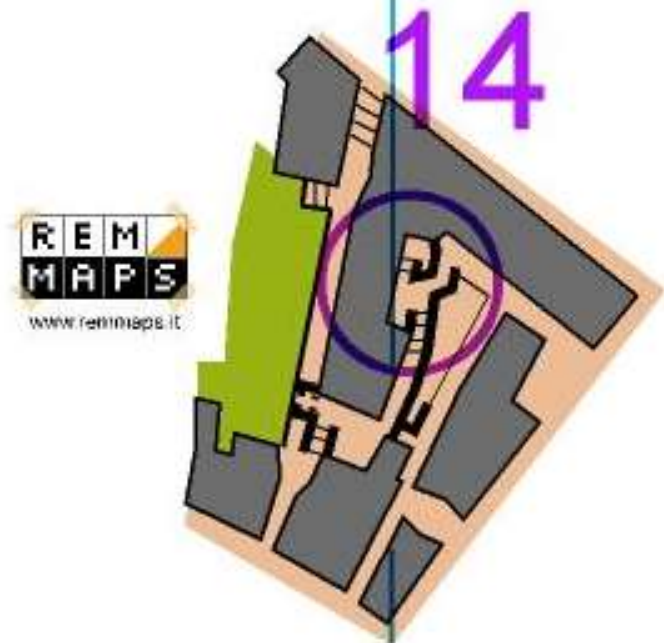
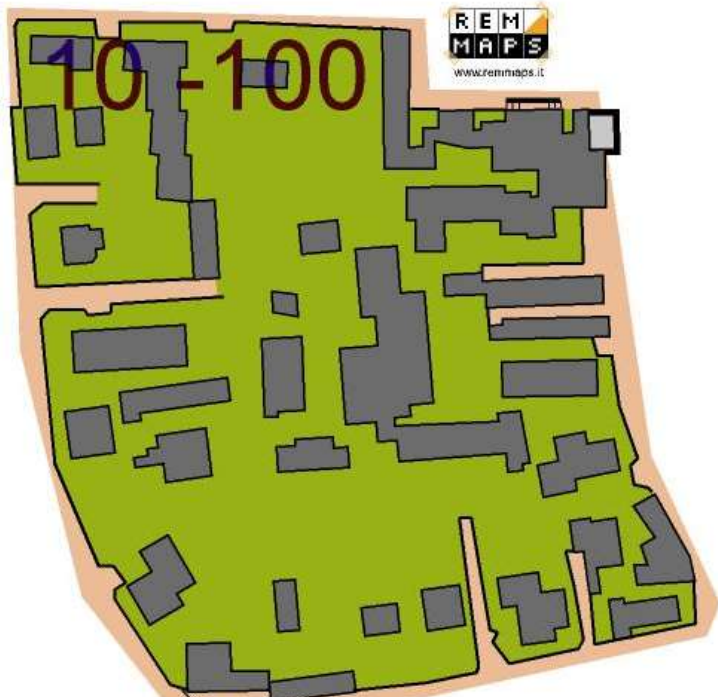
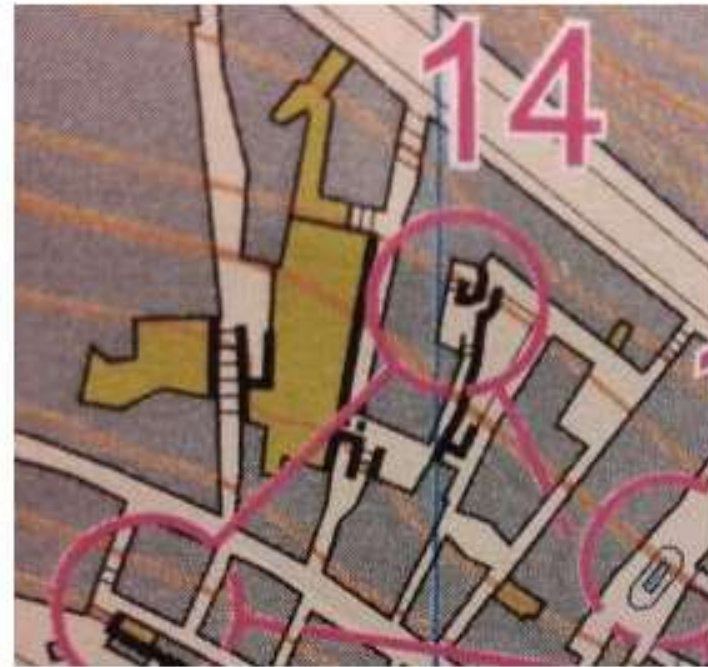
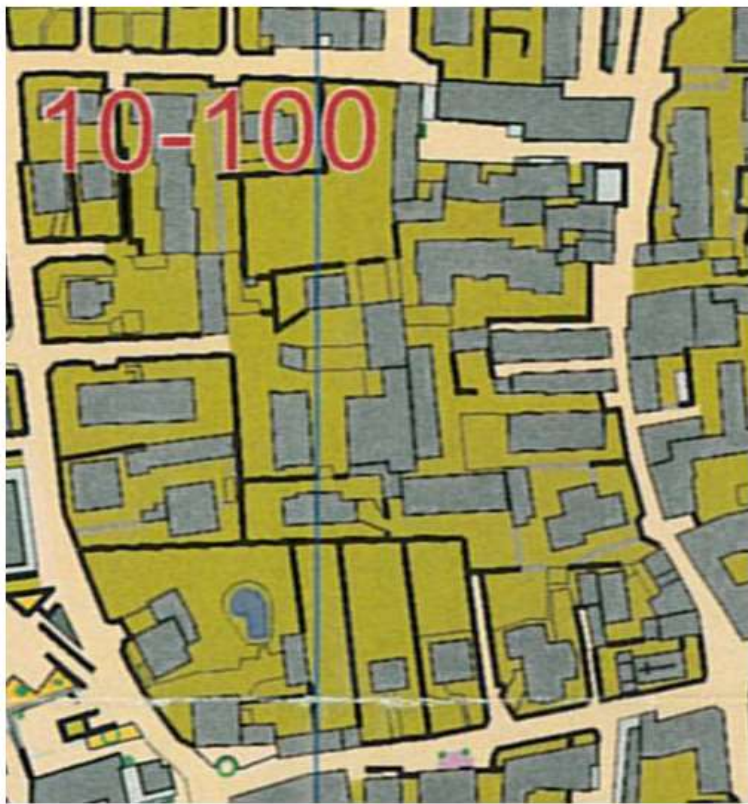
To ensure legible maps, the ISSOM symbol set has been tried out in a number of test prints to provide a well balanced set of symbols that are clearly distinguishable in their size, line width, line type and colouring. In the end, it is the mapmaker's task to produce precise and legible sprint orienteering maps by applying these specifications and generalisation rules, such as selection, simplification and exaggeration.

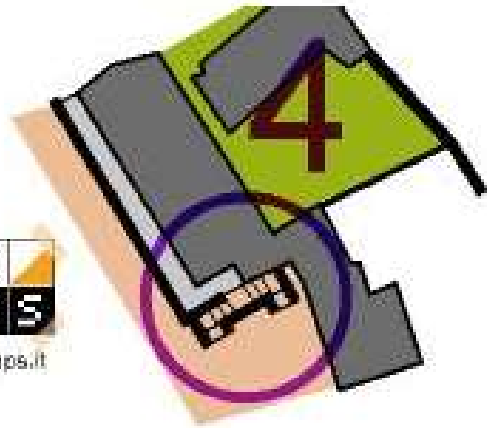
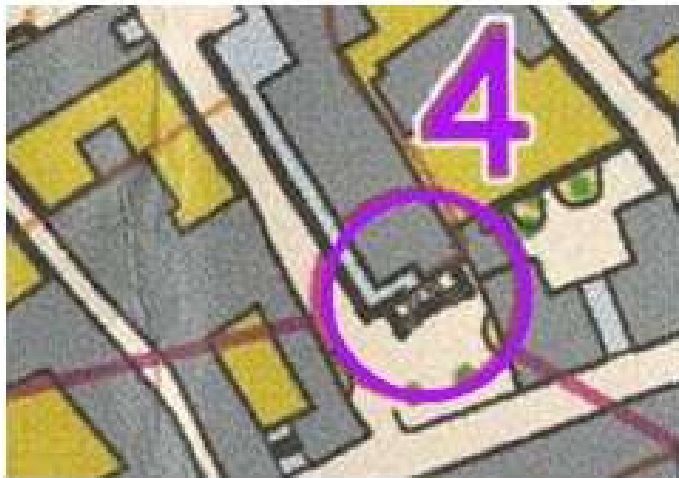
2.2 Barriers - Black line width is used to show passability

- Barriers, such as high walls, high fences and high rock faces, affect route choices and shall be represented unambiguously. Therefore, these features shall be represented with a prominent thick black line.
- Obstacles which can be crossed, such as fences and small rock faces, are represented with a significantly thinner black line than the barrier features.
- Features which can be crossed very easily, such as steps and edges of paved areas, are represented with a very thin black line.

- Generalizzazione corretta

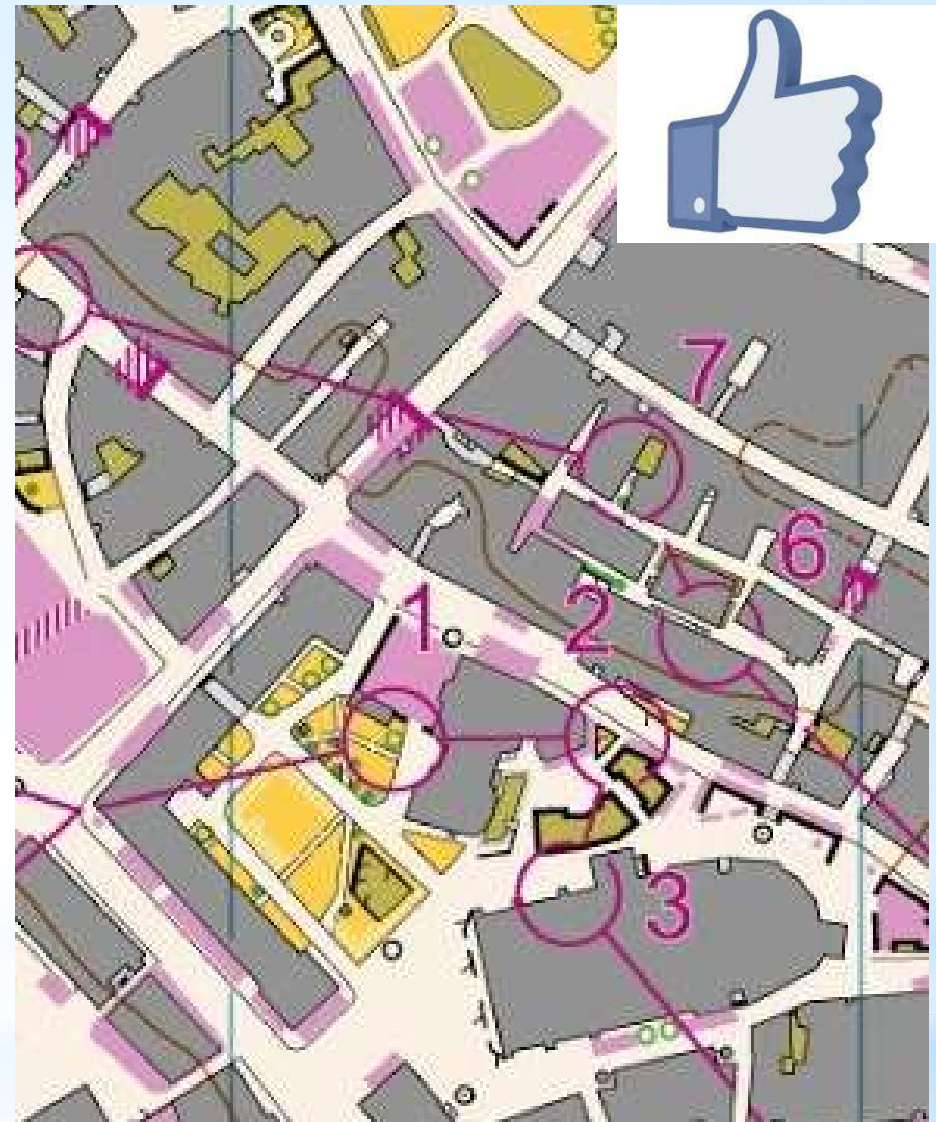
- Non ambiguità





REM
MAPS

www.remmaps.it





Taglio linee e cerchi,
trasparenza

Interazioni
con il
cartografo

Cura delle
descrizioni
punto

Angoli acuti
(concetto
ancora
valido?)

TRACCIATI

Mappa
vecchia da
pubblicare

Eventuale uso
di barriere
artificiali

Lunghezze
adatte

Controllare e
prova tracciati
Analisi scelte

1 INTRODUCTION

Lunghezza

The sprint orienteering format has been defined by the IOF as follows:

- Sprint orienteering is a fast, visible, easy-to-understand format, allowing orienteering to be staged within areas of significant population. The sprint profile is high speed. Sprint is built on very high speed running in very runnable parks, streets or forests. The winning time, for both women and men, shall be 12-15 minutes, preferably the lower part of the interval.



2.6 Collaboration between course planner and mapmaker

The restrictions and constraints of sprint orienteering must be taken seriously by the organizers and course planners. In particular:

- Both mapmaker and course planner should consider all possible route choices and make decisions on impassable features and out-of-bounds areas.
- The course planner should not encourage unfair actions from the competitors, such as crossing barriers or areas with forbidden access. If it is unavoidable to set legs that cross or skirt areas with forbidden access or impassable walls and fences, then they have to be marked in the terrain, and observers should be present at the critical points.
- Control points shall not be placed under or above the main 'running' level.

1 INTRODUCTION

Lunghezza

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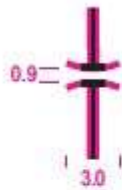
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Gara	Località	ME	WE	1° italiano	1^ italiana
SRT 1	Susegana	13'17	16'31		
SRT 2	Vittorio Veneto	14'48	14'59		
EOC Q	Bellinzona	12'48-13'33	13'37-14'36	13'13-14'21	14'-22'
EOC Final	Mendrisio	14'44	16'44	15'16	18'21
EOC SR	Tesserete	15'..	15'..	15'-17'	16'-18'
SRT 3	Merate	15'56	14'31		14'53
WOC Q	Riga	11'00-11'44	11'43-12'20	11'35-12'47	13'19-13'53
WOC Final	Riga	14'05	13'43	15'50	16'23
WOC SR	Riga	14'..	13'..	15'..	16-21'
Camp.ITA	Martina Franca	12'56	13'41		
WC Final	Praga	14'53	14'51	15'43	
Sprint relay	Mezzano	15-16'	15-16'		
SRT 4	San Giovanni d'Asso	12'18	12'58		13'36
SRT 5	Montalcino	14'52	15'09	14'59	15'38



- Many more restrictions affecting route choice have to be considered in parks and urban terrains, such as physical barriers and areas with forbidden access.
- The amount of significant detail in urban terrain, particularly in the centre of old towns, is often much greater than in a forested terrain.
- Not only must the new types of terrain be considered when making the sprint map specification but also the purpose of the map – sprint orienteering – must be taken into account.
- To achieve fairness, it is necessary for mapmakers and course planners to collaborate more closely than for other disciplines.
- The correct mapping of reduced running speed, both to degree and extent, is extremely important for sprint orienteering because of the short winning times.
- In urban areas, it is not unusual to find multilevel areas. ISSOM allows for the representation of simple underpasses and overpasses. More complex multilevel areas which cannot be mapped clearly are not suitable for IOF events.

EQUITA'
FAIRNESS



0.35

708 Crossing point

A crossing point through or over a wall or fence, or across a road or railway or through a tunnel or an out-of-bounds area is drawn on the map with two lines curving outwards.

If underpasses or tunnels etc. are to be used in a competition, they shall be emphasized with symbol *crossing point* (708) or *crossing section* (708.1).

Colour: purple.

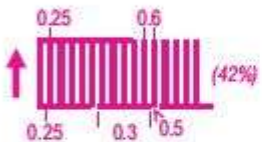


708.1 Crossing section

A crossing section through or over a building, wall or fence, or across a road or railway or through a tunnel or an out-of-bounds area is drawn on the map as a linear object, according to the plan shape.

If underpasses or tunnels etc. are to be used in a competition, they shall be emphasized with symbol *crossing point* (708) or *crossing section* (708.1).

Colour: purple.



709 Out-of-bounds area (forbidden to cross)

Out of bounds areas are mapped with the symbol *area with forbidden access* (528.1).

This symbol shall only be used for last minute updates to the competition map (e.g. for areas that may be dangerous for the competitors during the competition, or very late changes to the competition terrain).

An out-of-bounds area is shown with vertical stripes.

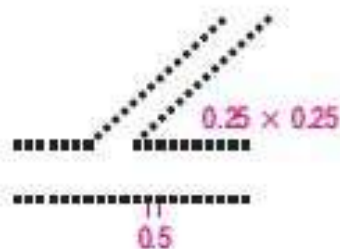
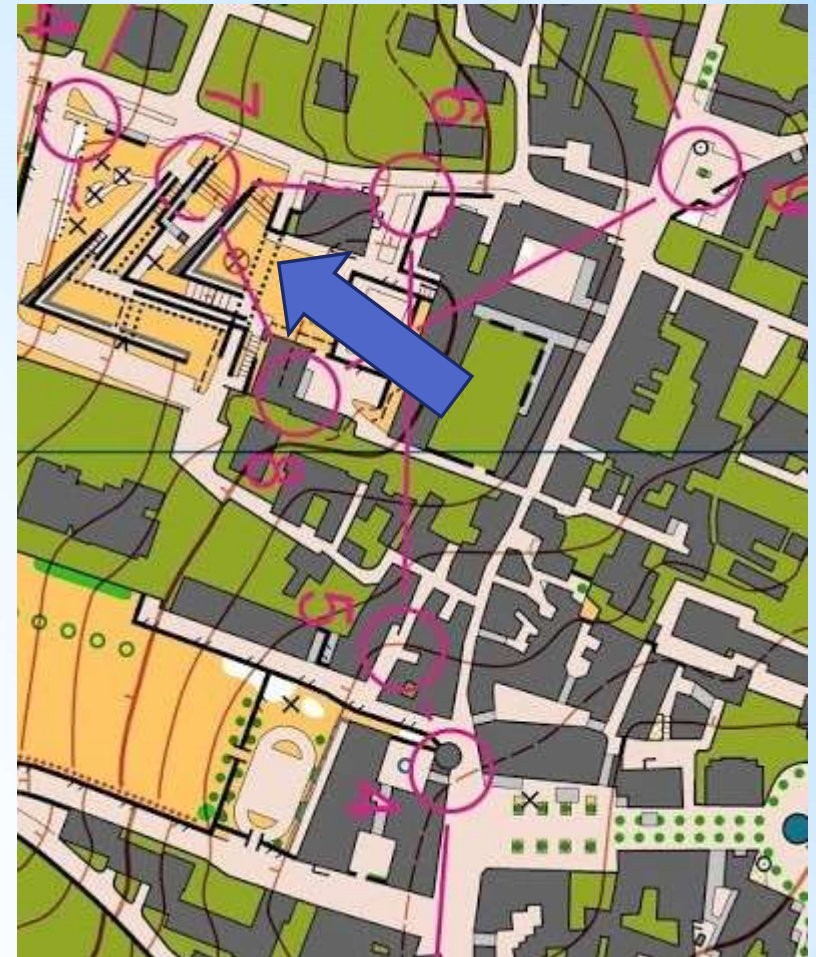
A bounding line may be drawn if there is no natural boundary, as follows:

- a solid line indicates that the boundary is marked continuously (tapes, etc.) on the ground,
- a dashed line indicates intermittent marking on the ground,
- no line indicates no marking on the ground.

Colour: purple.

It is forbidden to cross an out-of-bounds area!

Competitors violating this rule will be disqualified.

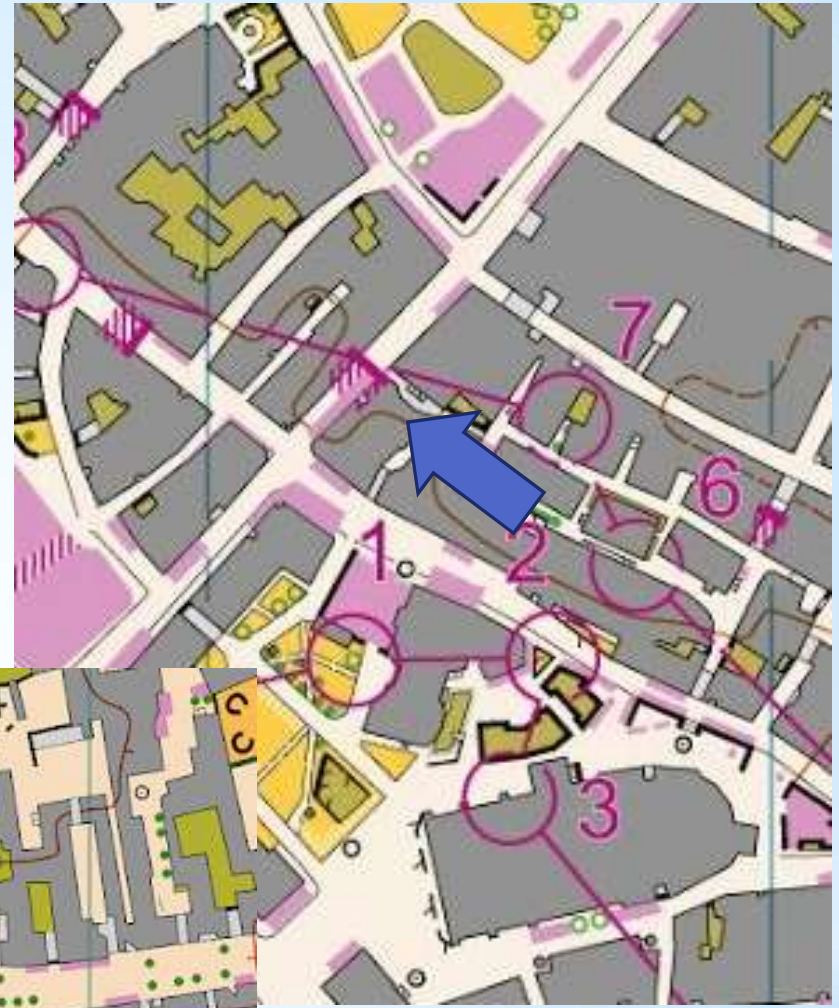
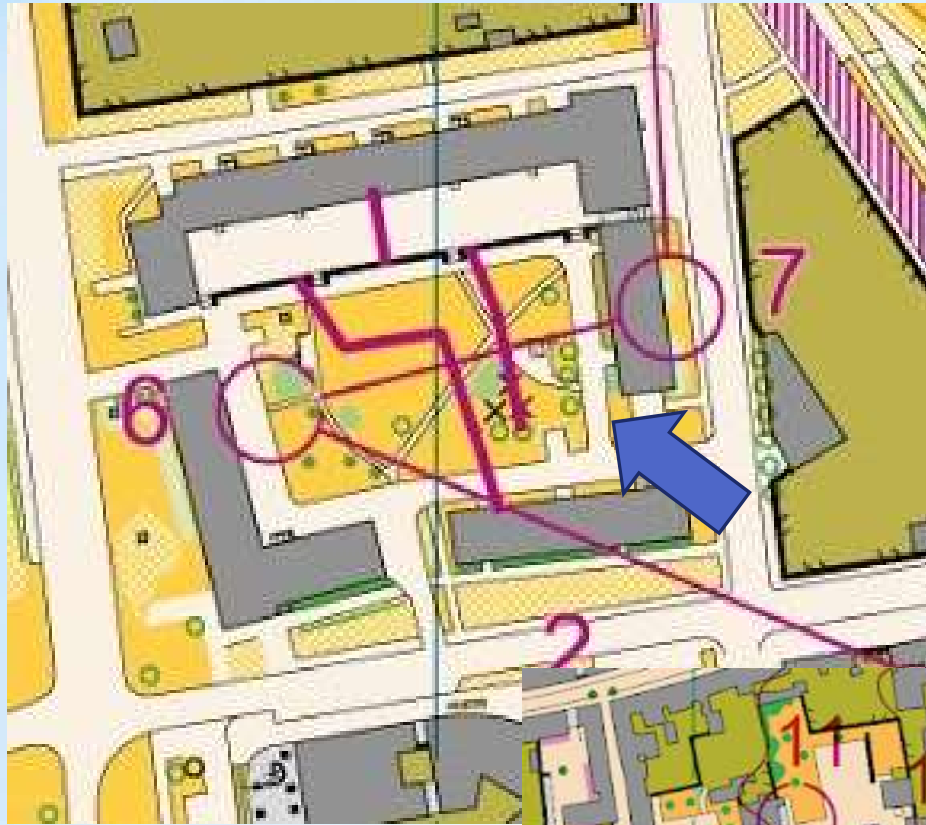


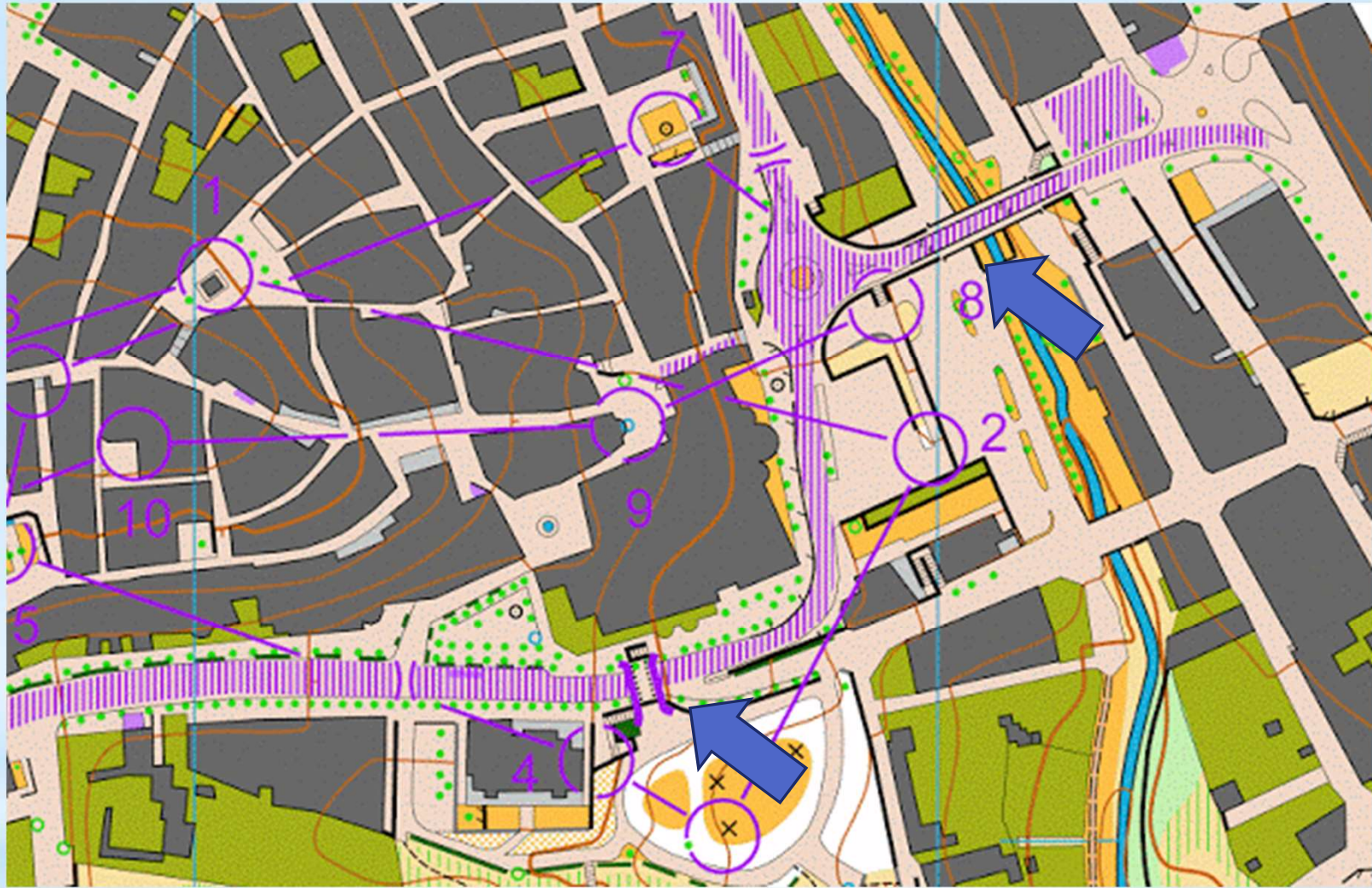
518.1 Underpass or tunnel

An underpass or a tunnel is a passage running underneath the ground, especially a passage for pedestrians or vehicles, crossing under for instance a railroad or a road.

Colour: black.

If underpasses or tunnels etc. are to be used in a competition, they shall be emphasized with the symbol *crossing point* (708) or *crossing section* (708.1)!





Passaggi non chiari o non a norma



**Esiste ancora il concetto di «angolo acuto»,
per quel che riguarda un tracciato sprint?**

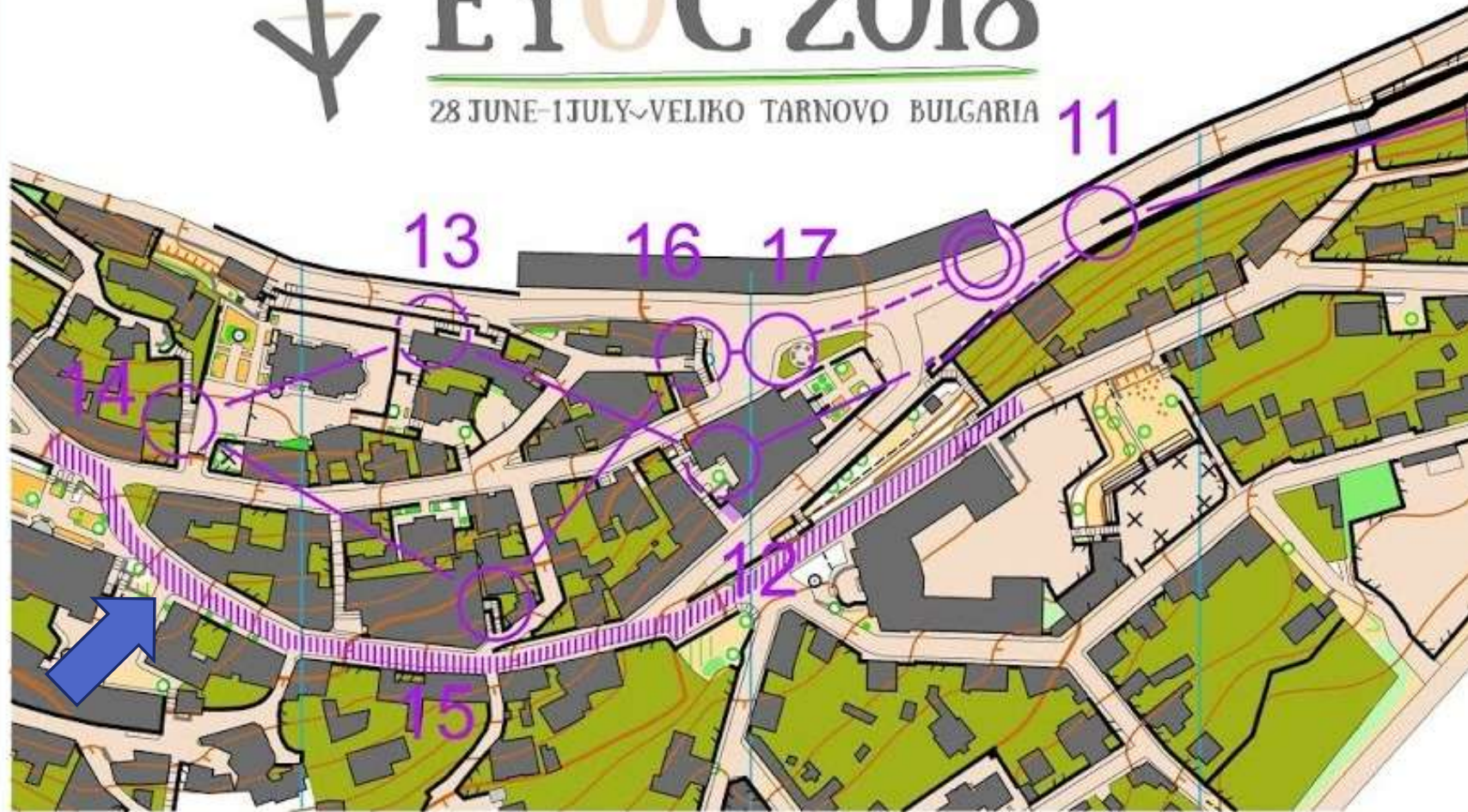


Taglio linee e cerchi anche troppo esasperato



EYOC 2018

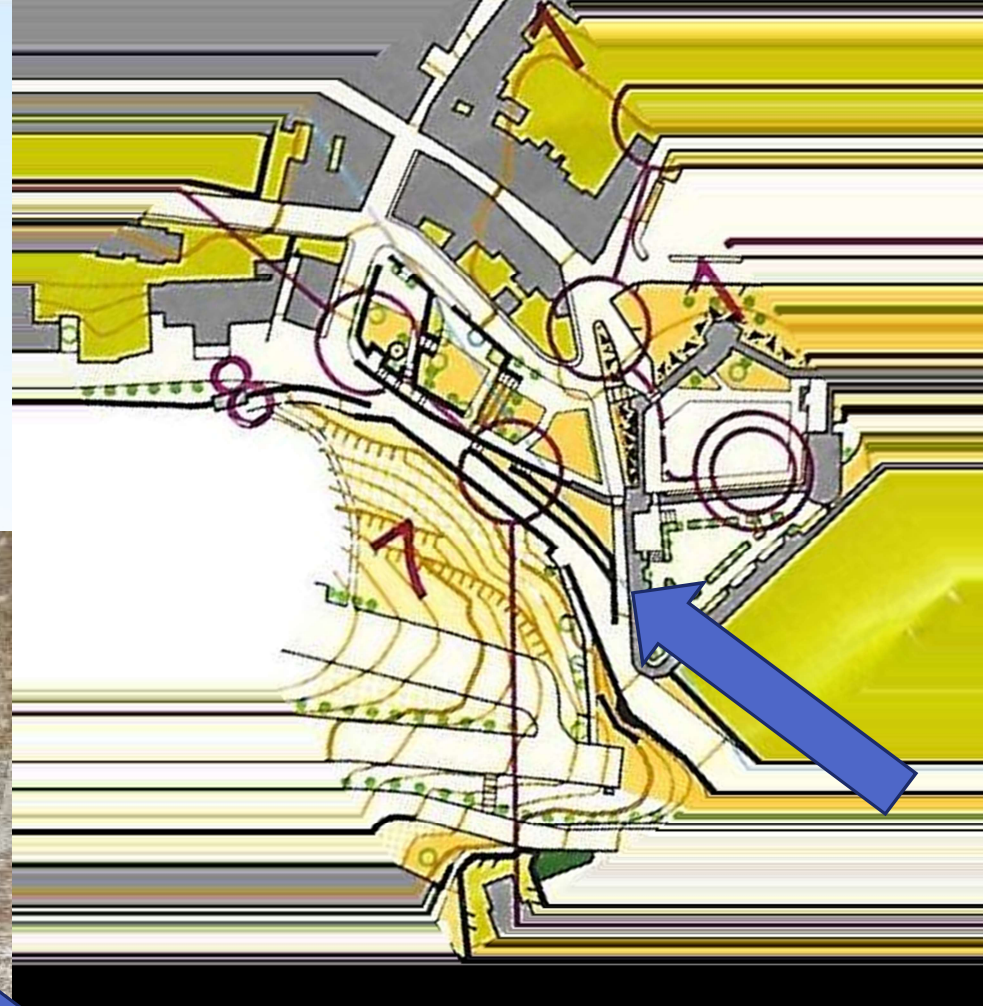
28 JUNE-1 JULY - VELIKO TARNOVO BULGARIA



Corsa consentita sul marciapiede, passaggio poco chiaro



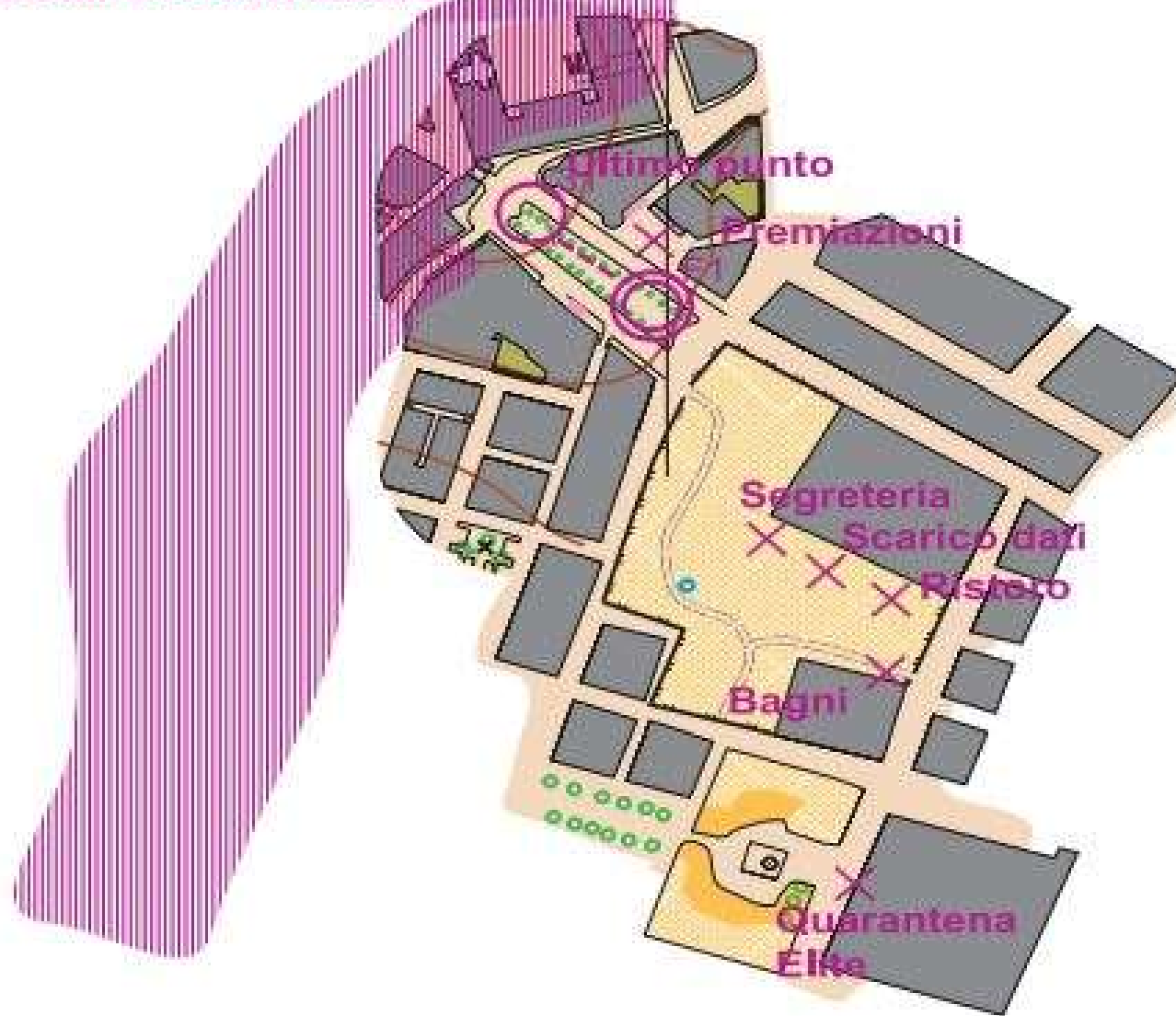
Passaggio non chiaro vedendolo in mappa = mettere foto sul bollettino o far sì che sia una scelta obbligata mettendo il punto in cima (non una delle possibili scelte)



Esempio di errata cartografia e scelta del tracciatore, che porta ad una gara non equa



ZONA GARA
COMPETITION AREA



Esempio di quarantena poco adatta (spazi stretti, senza warm up map, poca chiarezza, promiscuità in partenza)



16:30, Sabato 8 settembre 2018

Warm up quarantine

Aggiungi una descrizione



Aggiungi altri

STRAVA LABS

Visualizza Flybys >

2,15 km

Distanza (?)

16:24

Tempo in movimento

7:36/km

Passo

Dislivello

3 m

Calorie

Tempo trascorso

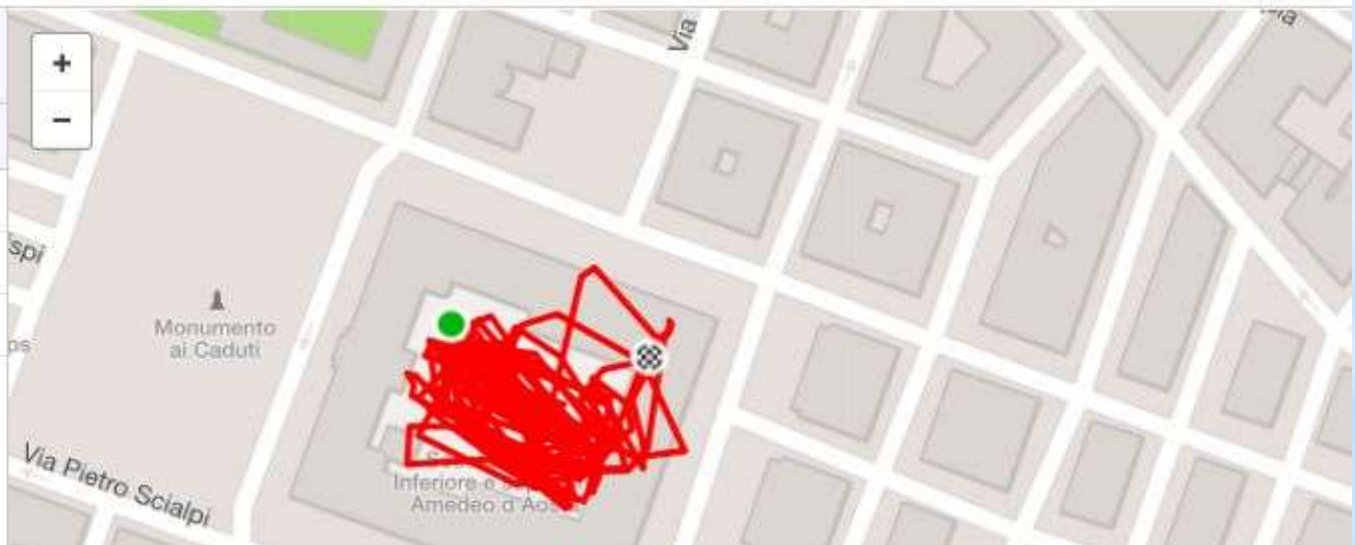
17:00

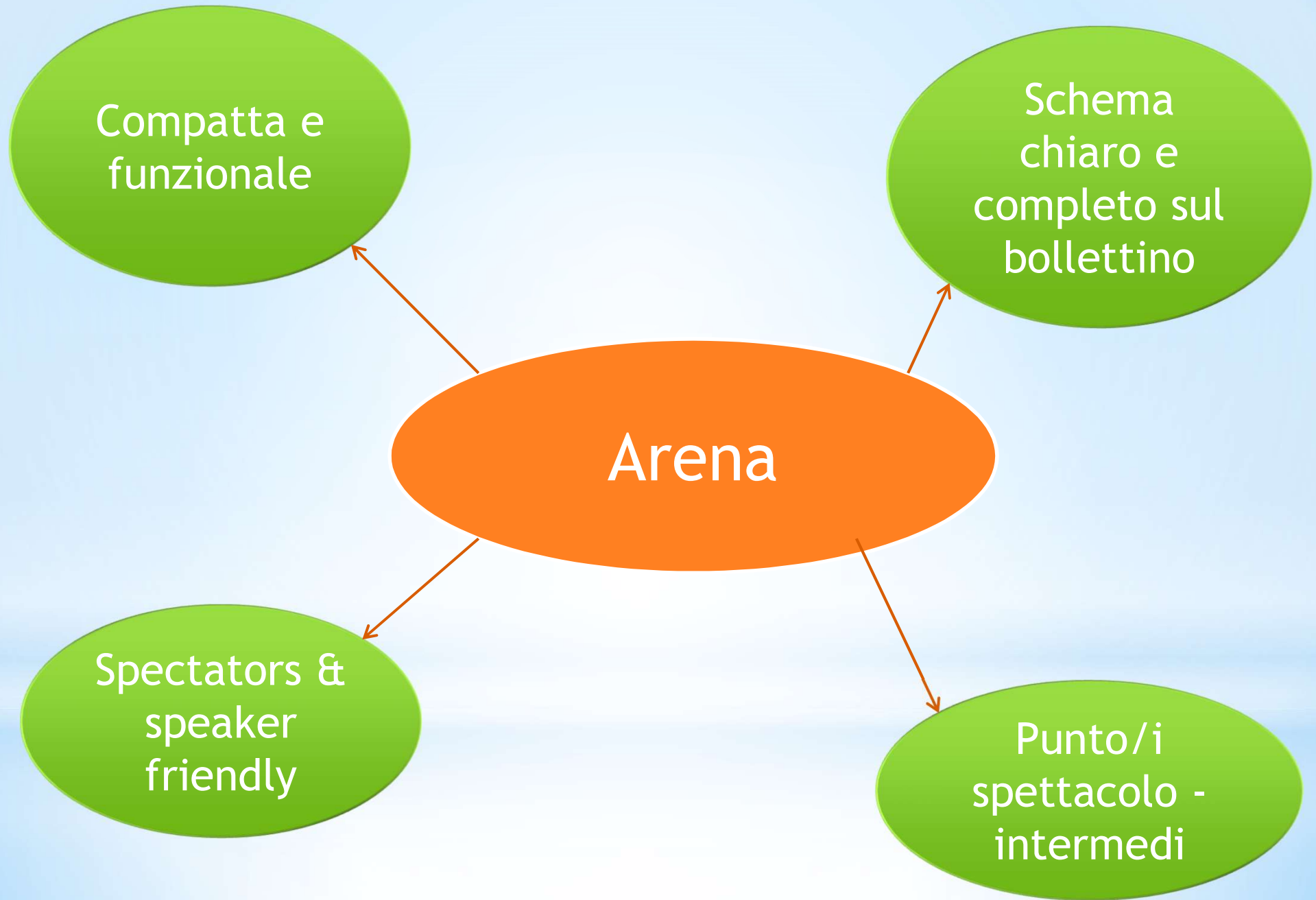
Garmin Forerunner 630

Scarpe: La Sp

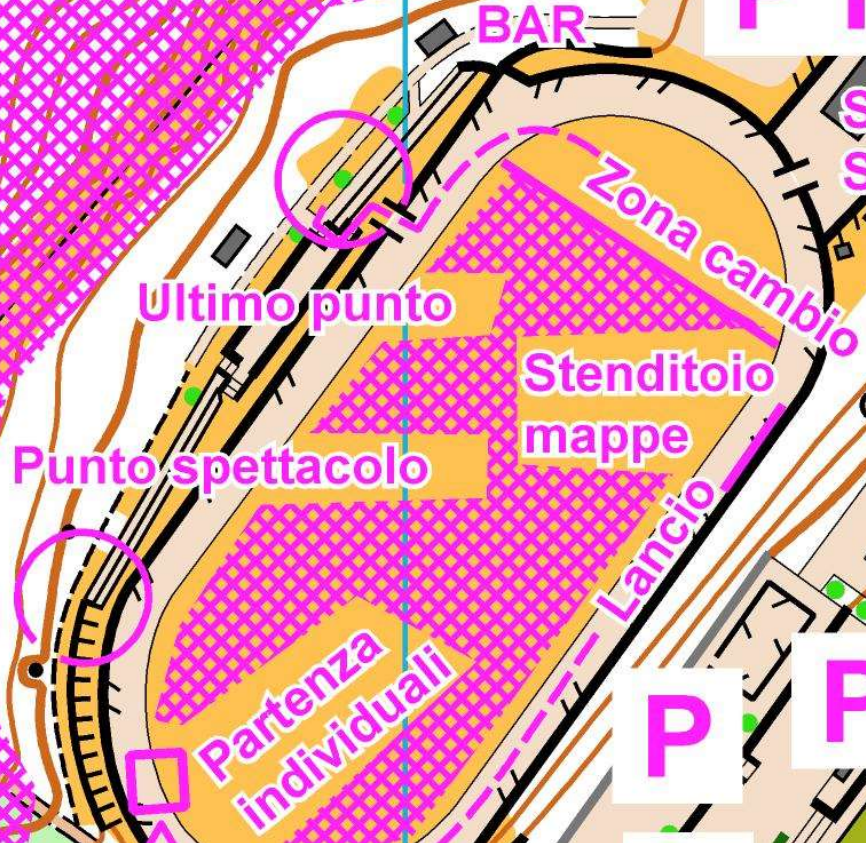
Intertempi

KM	Passo	ppp	Dislivello
1	7:50 /km	7:50 /km	-0 m
2	7:10 /km	7:06 /km	0 m
0,14	9:10 /km	8:40 /km	2 m





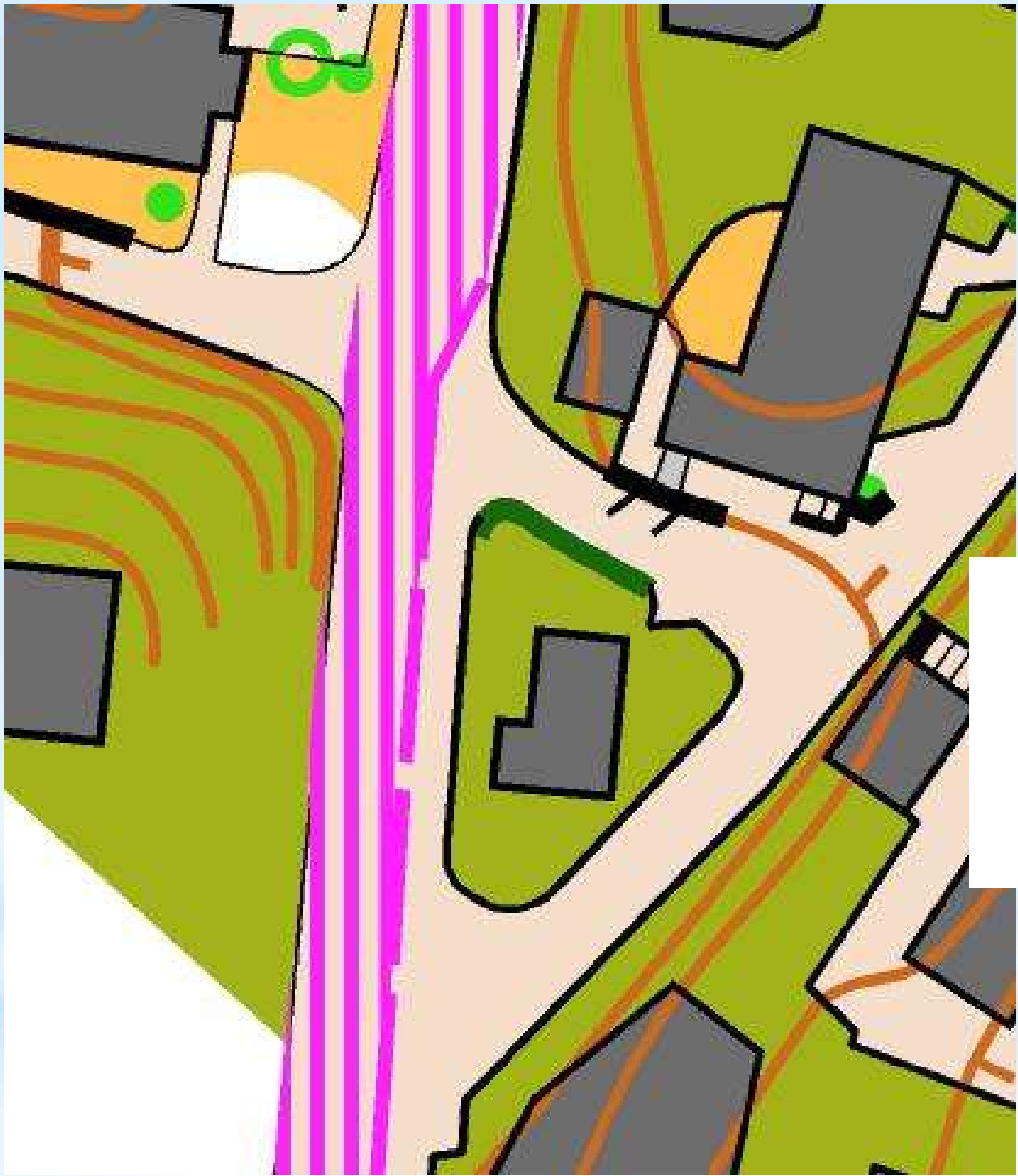
P Riservato

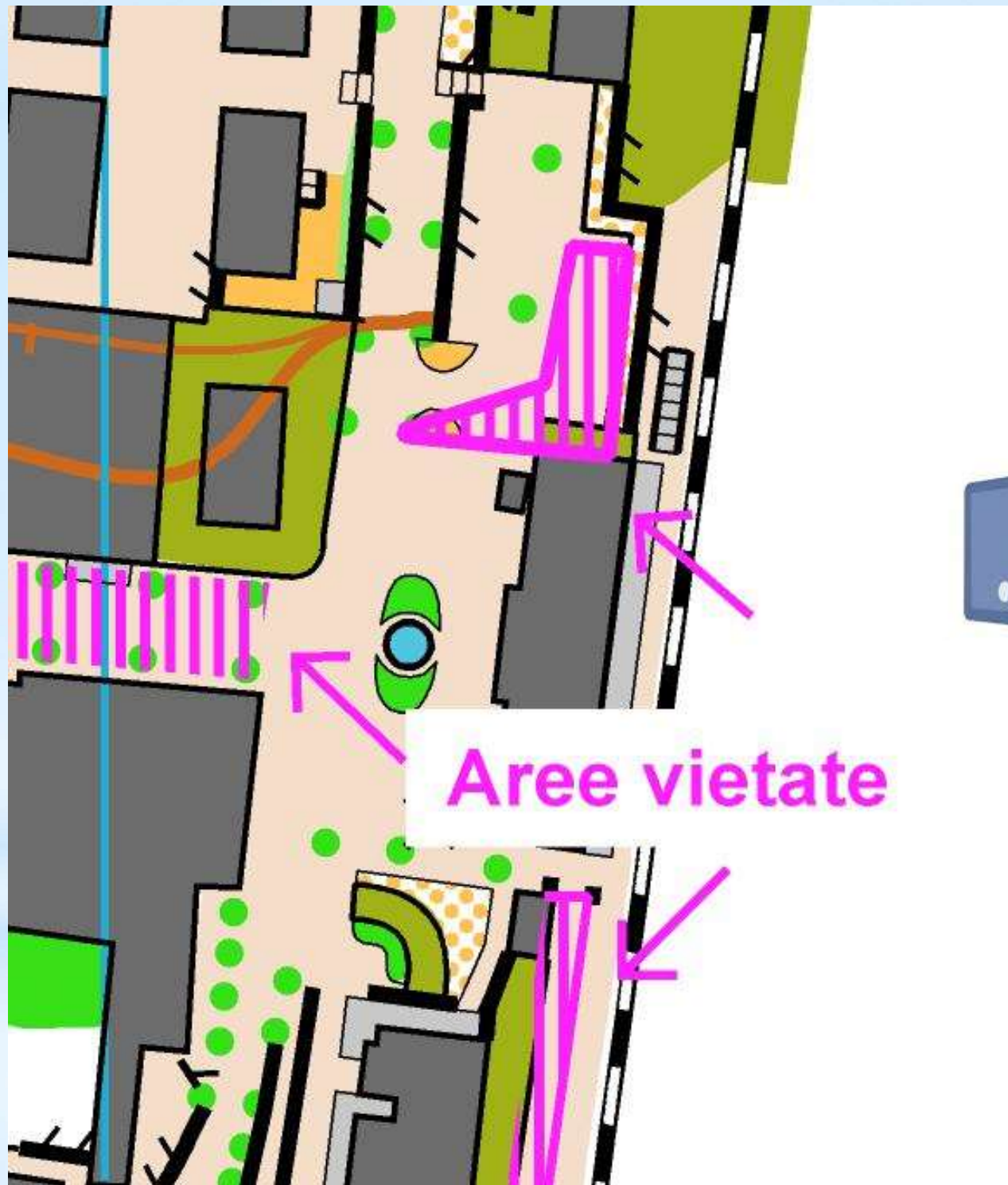


Area riscaldamento

Porrettana

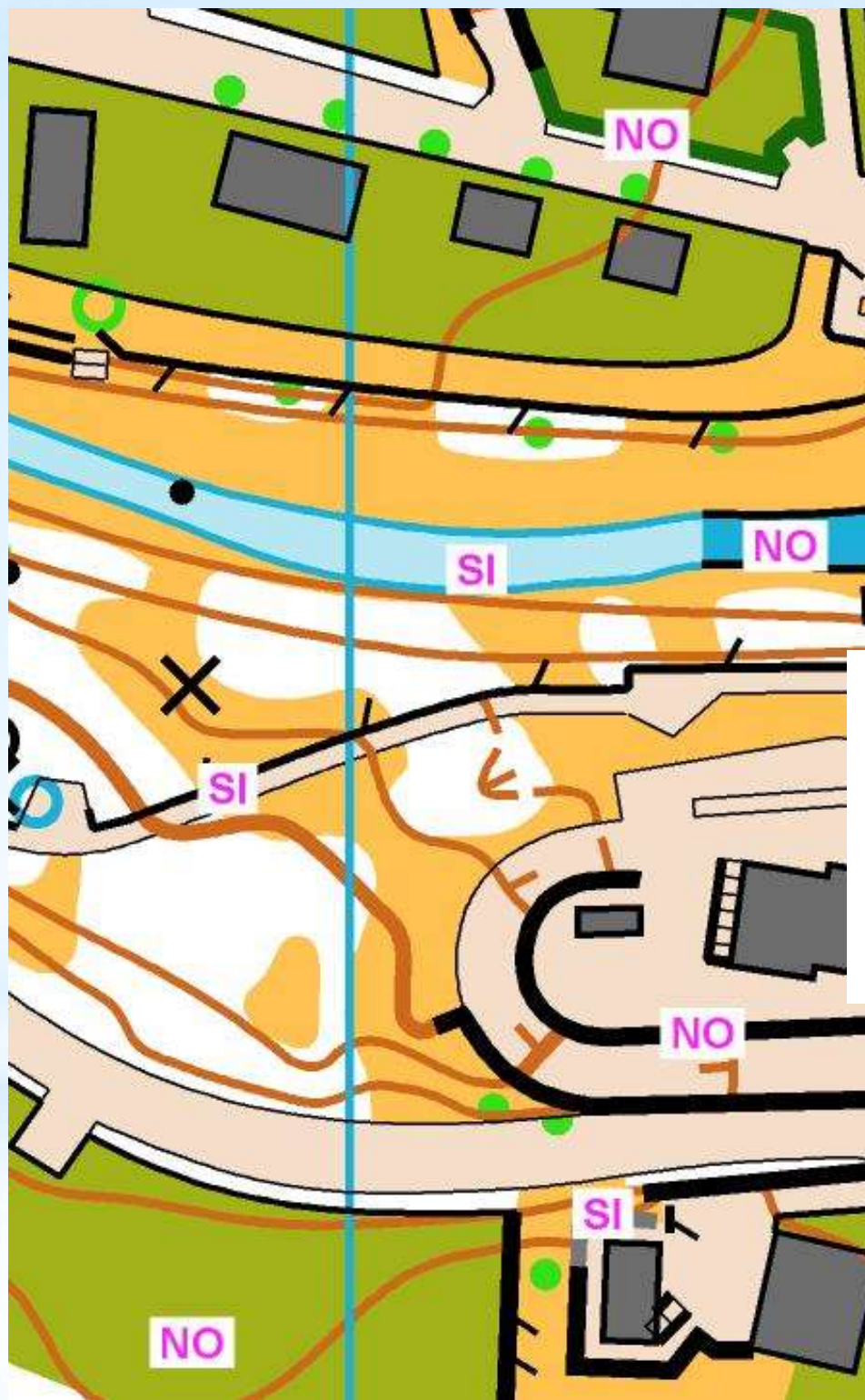






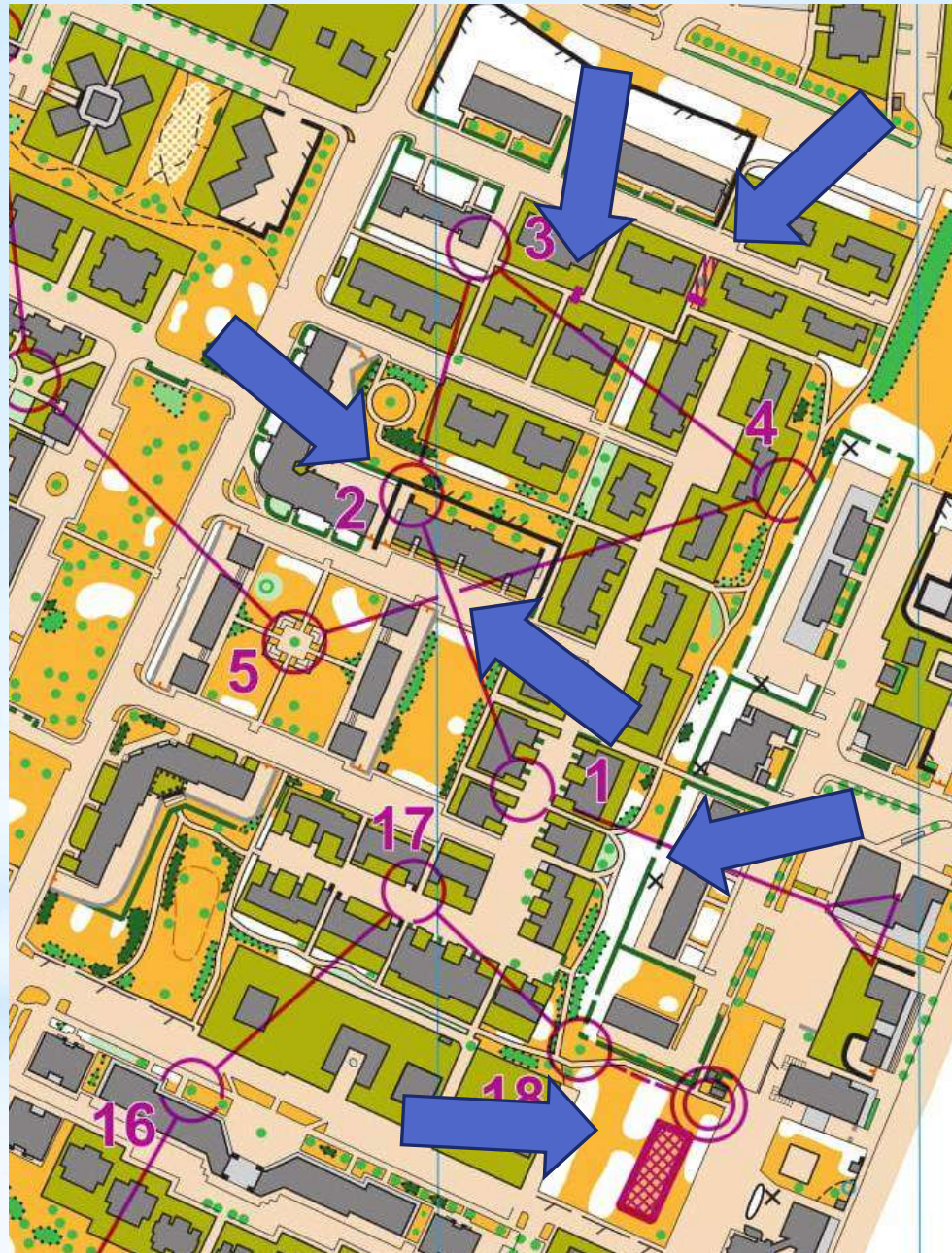
Aree vietate







Avere fantasia e stupire i concorrenti (in positivo)



Avere fantasia e stupire i concorrenti (in positivo)



**Quindi...E' più semplice
organizzare una gara «Urban»
sprint o una gara «Forest» nel
bosco?!**

**Grazie per
l'attenzione**

**Buone sprint a
tutti!**