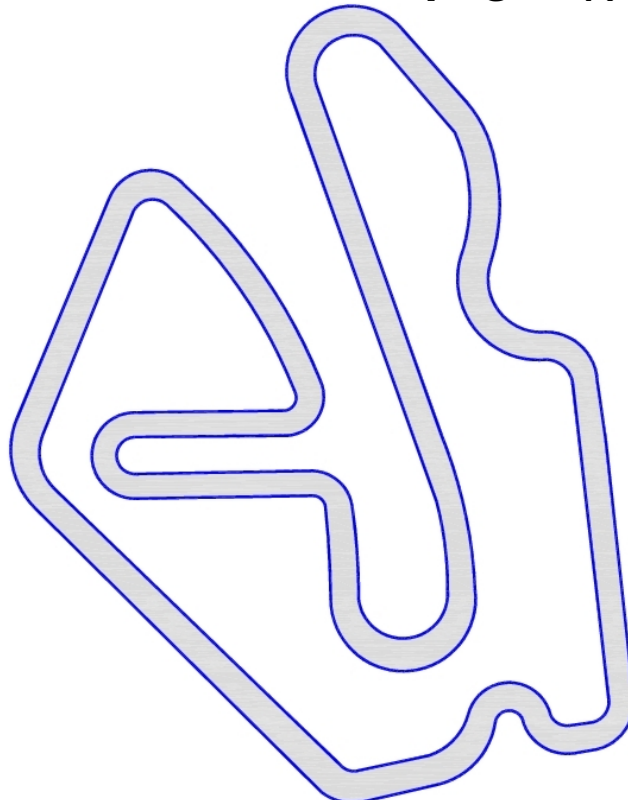


SIMULATION



Karting Circuit

Circuit de Battipaglia (I)



Date:	GZ:
01/06/2012	12-0200048 HD/FS

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ATTACHEMENT:

Plan of Circuit



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1 INTRODUCTION

Simulation has been realized on basis of the circuit plan:

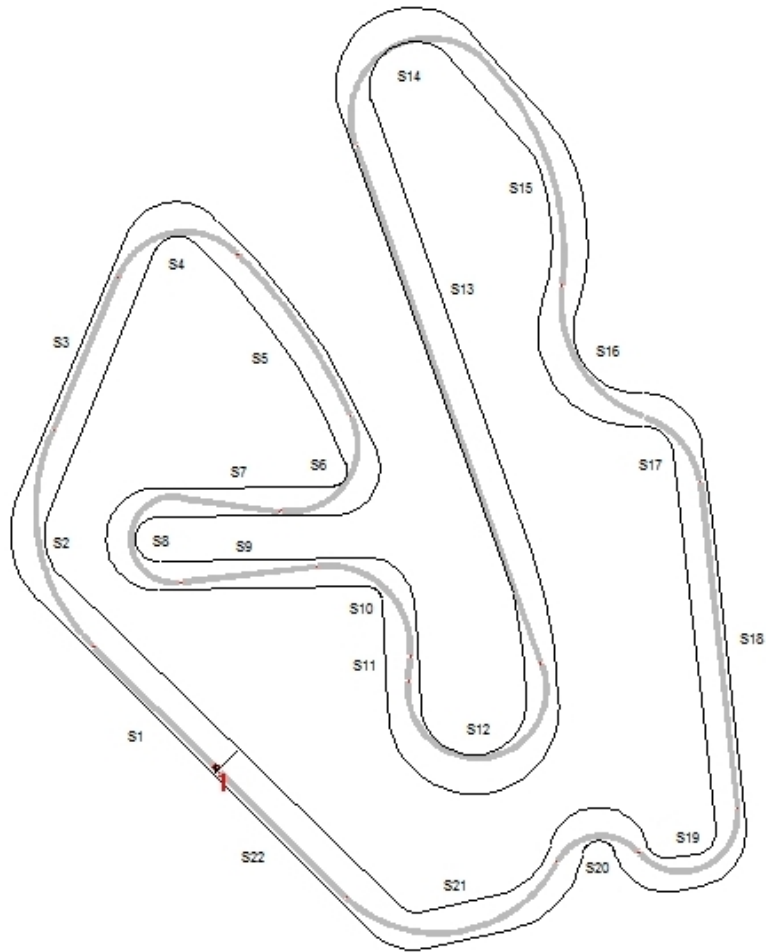
**BATTIPAGLIA omol int.kart21.05.2012.dwg received on „E-Mail –
29.05.2012“**

Basic: SC-Standard Kart



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2 RACING LINE



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3 TABLE OF VELOCITIES AND REVOLUTIONS

#	r[m]	length [m]	Total-length [m]	v theor [km/h]	v min [km/h]	v max [km/h]
1	-	54,0	54,0	>120	110	117,10299
2	59,0	73,0	127,0	>120	114,79532	117,18894
3	-	51,0	178,0	>120	114,95274	118,02219
4	23,0	46,0	224,0	77	87,969009	115,80843
5	170,0	61,0	285,0	>120	89,251527	96,451353
6	21,0	46,0	331,0	74	79,722144	94,561827
7	-	31,0	362,0	>120	79,195546	82,043498
8	14,0	48,5	410,5	60	59,649798	78,370855
9	-	42,0	452,5	>120	61,74423	74,616071
10	26,0	47,0	499,5	82,1	74,759869	79,287782
11	-	7,0	506,5	>120	79,642607	80,439515
12	22,0	79,5	586,0	75,5	77,967226	82,122539
13	-	169,0	755,0	>120	82,50619	103,25693
14	25,0	69,0	824,0	80	82,418011	99,353719
15	85,0	75,0	899,0	>120	86,641499	96,752256
16	38,0	52,0	951,0	99,2	92,0616	96,086425
17	26,0	28,0	979,0	82,1	90,629439	94,315301
18	-	101,0	1080,0	>120	94,646758	107,19
19	18,0	46,0	1126,0	68	74,133857	94,777526
20	16,0	31,0	1157,0	64,4	71,462839	77,897109
21	42,5	77,0	1234,0	105	78,179994	90,015991
22	-	55,0	1289,0	>120	90,226255	101,15654
Drawn Ideal-Line			1289,0		59,6 v min	118,0 v max

$$vm(ideal) = 1289,0 \text{ m} / 50,998 \text{ s} * 3,6 = 90,99 \text{ km/h} \Rightarrow \mathbf{vm(ideal) = 90,99 \text{ km/h}}$$

$$vm(middle) = 1315,88 \text{ m} / 50,998 \text{ s} * 3,6 = 92,88 \text{ km/h} \Rightarrow \mathbf{vm(middle) = 92,88 \text{ km/h}}$$



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4 TECHNICAL DETAILS **TRACK CHARACTERISTICS**

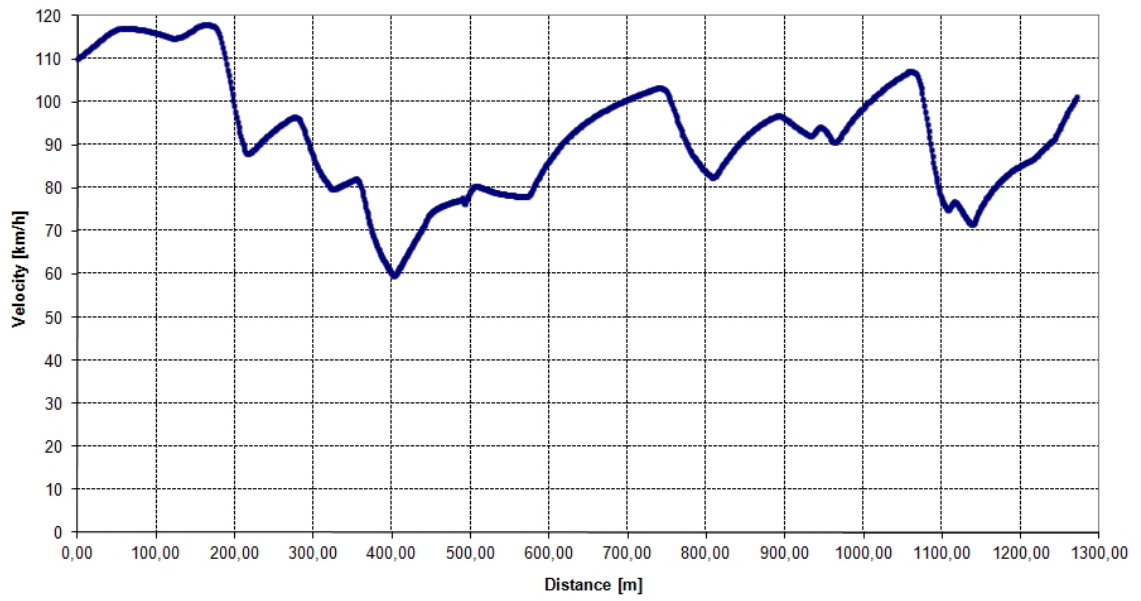
➤ Track length:	1315,88	m
➤ Length of ideal line:	1289,00	m
➤ Average speed:	92,88	km/h
➤ Maximum Speed:	118,00	km/h
➤ Minimum Speed:	59,60	km/h
➤ Lap time:	50,998	s



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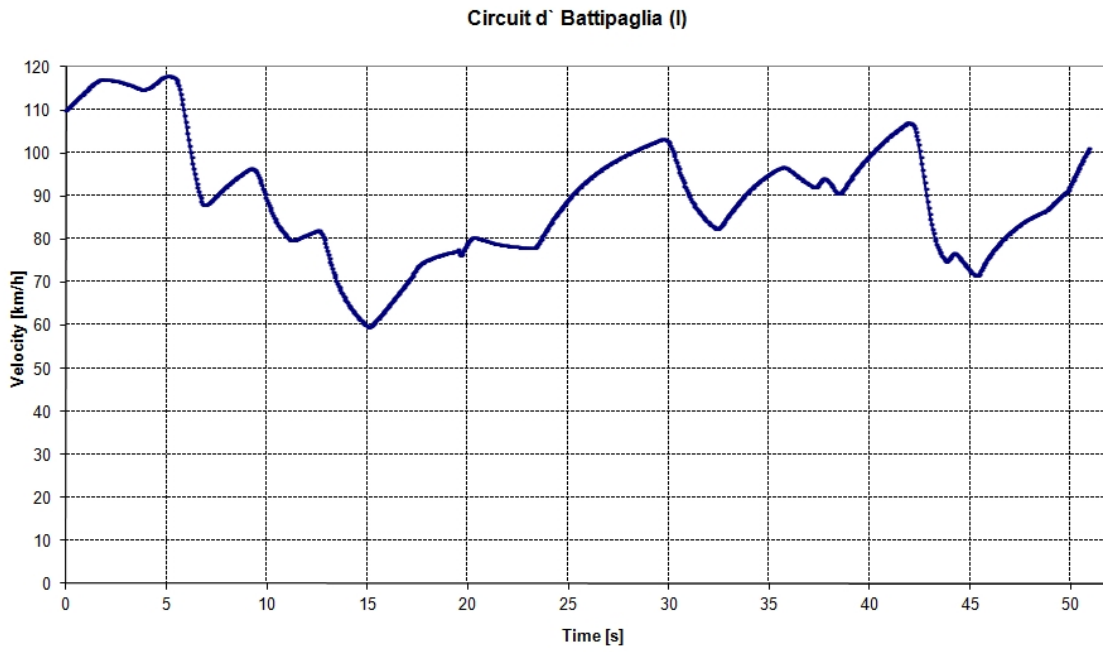
5 VELOCITY - DISTANCE - DIAGRAM

Circuit d` Battipaglia (I)



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6 VELOCITY - TIME - DIAGRAM

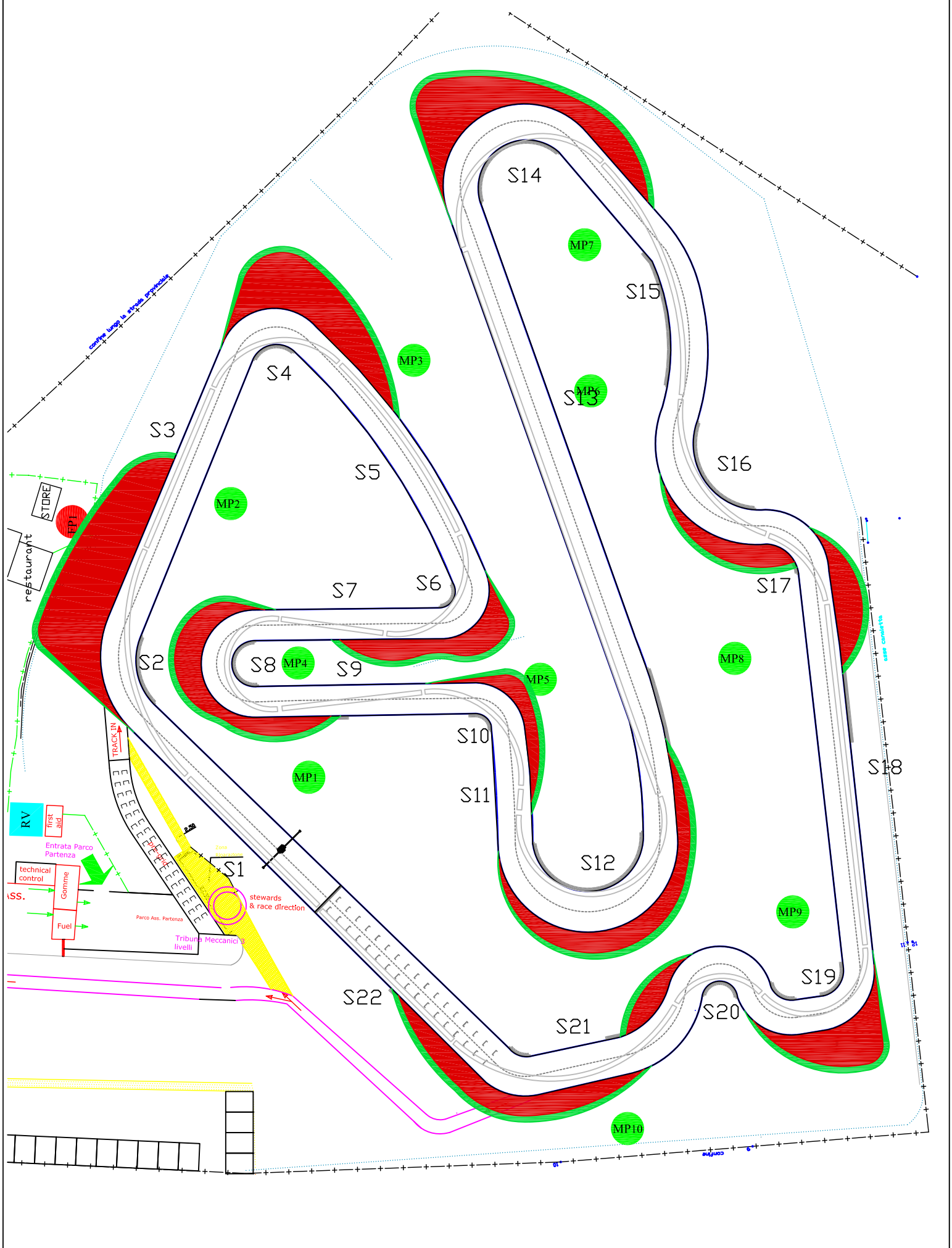


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7 COMMENT

1	Run off areas	ok
2	Kerbs	ok
3	Pit exit	ok
4	Pit entry	ok
5	Distance between lanes	ok
6	Barriers	ok
7	Other remarks	Servicing Park and Paddock to be checked





CIK-SIMULATION

- Run-off area I
- Run-off area II
- Recommended kerbs outside
- Recommended kerbs inside
- Ideal line

Simulation
Circuit Pattipaglia (I)

(anti-clockwise)	Track width: 10,5-9 m	Track length: 1315,88 m	Proj.: 12-0200048
App.: Hartl Dominik	Scale = 1 : 1000	Date:01/06/12	File: 12-0200048.dwg
			Rev.: -