



USA The Collaboratory Dayton
Dayton, Ohio, USA

DESIGN CONCEPT 2.0

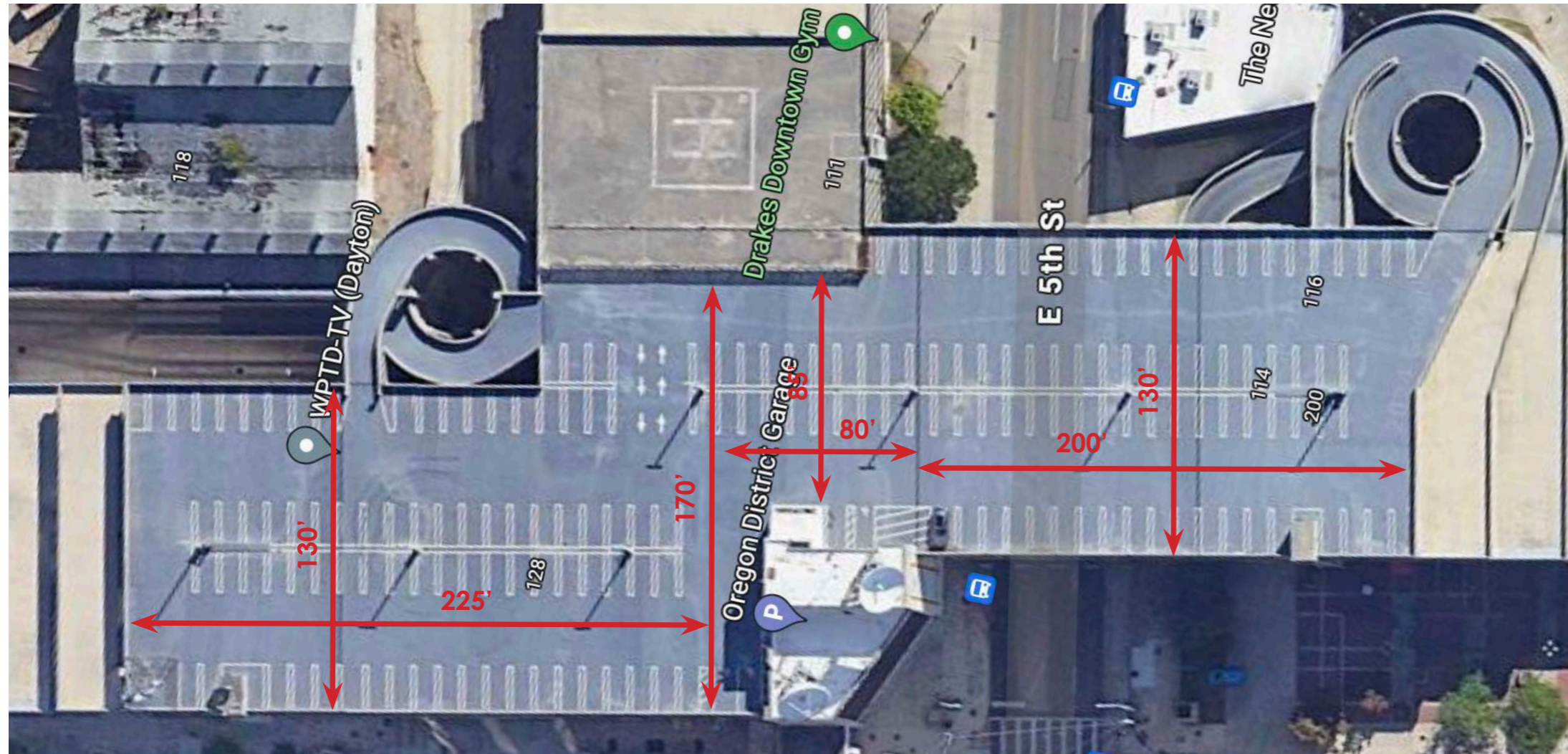
TABLE OF CONTENT

PROJECT BRIEF	01
PERSPECTIVE VIEW & TECHNICAL DETAILS	02
TRACK LAYOUT DESCRIPTION	03
DRIVING EXPERIENCE	04
NON-DRIVING EXPERIENCE	07
FLOOR PLAN	10
SECTION VIEW	11
COLOR & PRODUCT OVERVIEW	12
DESIGN OVERVIEW	15
CONCLUSION	16

PROJECT BRIEF

INPUT DATA

Satellite photo with dimensions



FUN TRACK

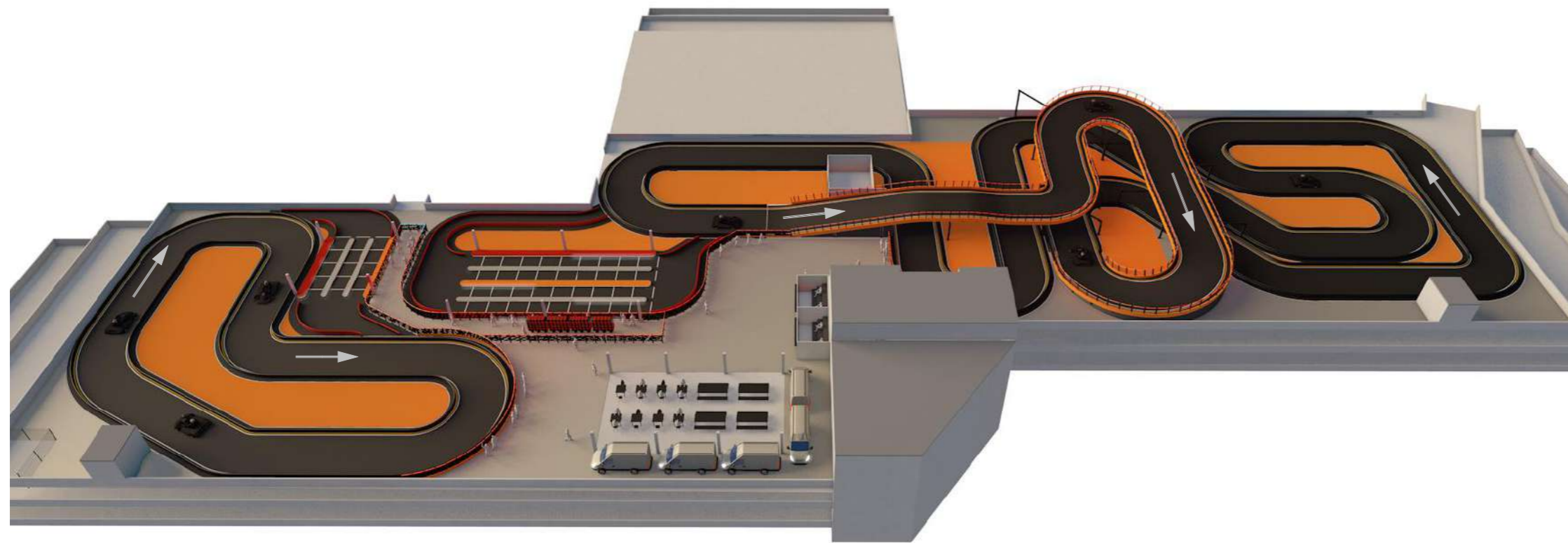
The FUN track layout is designed for the average customer, yet still exciting enough for more experienced drivers. The right mix of relaxing turns and multi-level sections creates fun not just for juniors, but teens and adults too. Even though this track works well on its own, it reaches the highest potential when placed in family entertainment centers and integrated with other complementary attractions such as trampolines, soft playgrounds, ninja courses, rope courses, bumper cars, VR, etc.

When designing the FUN track, 360K always follows some basic guidelines, for the optimal driving experience in the given area with the specific parameters that differ with each project.

Each track is customized so it always ensures a fluid layout, allowing drivers to cruise the track either on high or low go-kart speed set-up. The lateral forces, achieved by a well-thought sequence of turns, allow each driver to feel like a pro. An additional differentiation factor is elevation changes that enhance the driving experience with the exciting feelings created by the vertical forces.

All of the above creates a smooth track layout that enables better operational efficiency by fewer ride interruptions and track marshal's interventions.

PERSPECTIVE VIEW & TECHNICAL DETAILS



TECHNICAL DETAILS

TRACK

Total length: 438 m - 1437,66 '
Ground floor: 328 m - 1076,12 '
Multi-level: 110 m - 360,89 '
Multi-level structure width: 6 m - 19,69 '
Driving direction: clockwise
Capacity: 20 go-karts
Estimated lap time: > 48,6 sec
Visitor's fence length: 103,29m - 339.26 ft
Groundfloor siderail length: 45,75m - 150

Track area: 2965,95 m² - 31925 sqft
Pit area: 444,39 m² - 4783 sqft

PIT AREA

Capacity: 40 go-karts
Adult go-kart fleet: TBD
Junior go-kart fleet: TBD
Double seater go-kart fleet: TBD
Flex rail length: 122m - 400,57 ft

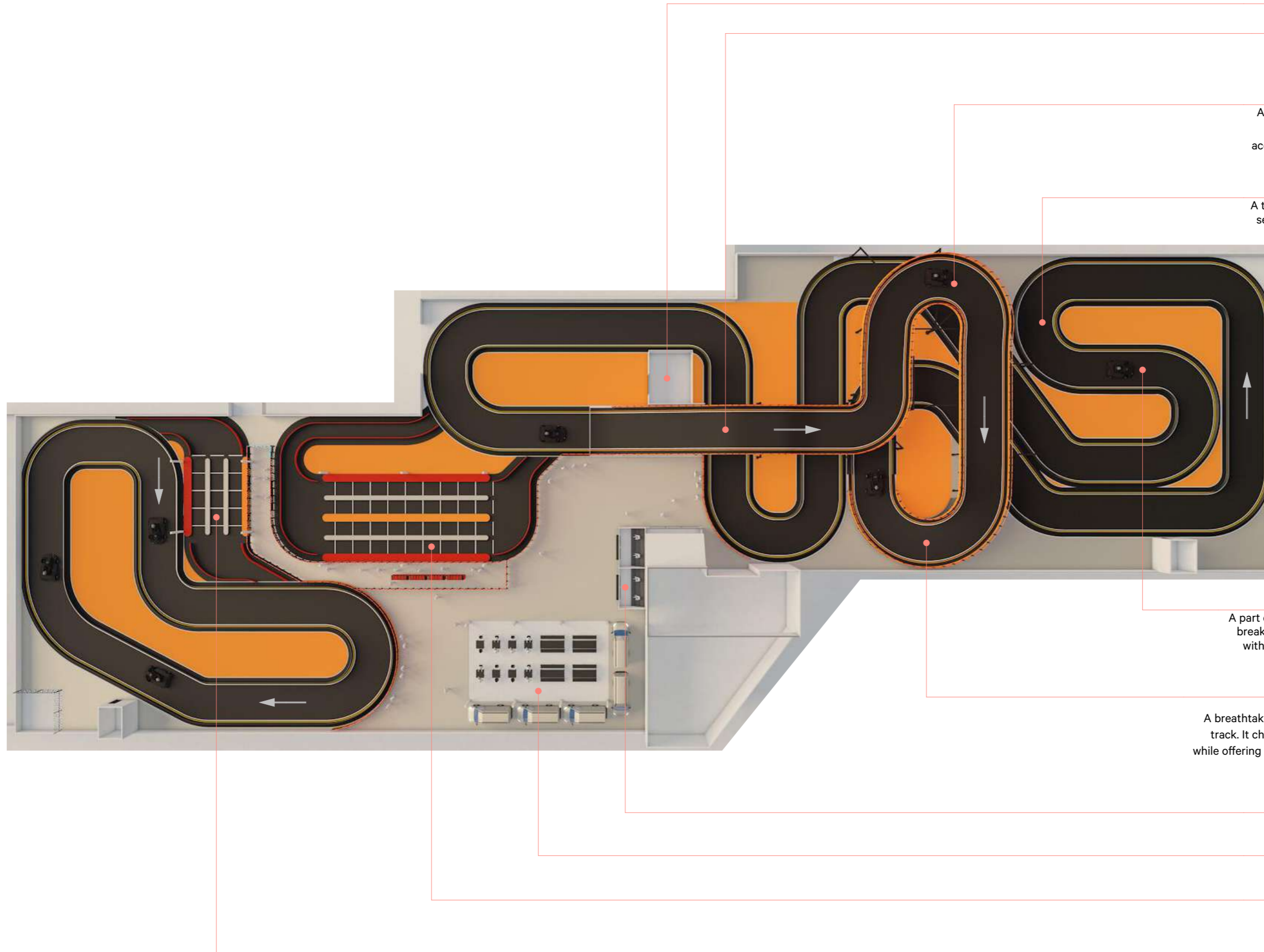
TRACK KID'S

Ground: 127 m - 416,67 '
Driving direction: anticlockwise
Track area: 1093,67 m² - 11772sqft
Capacity: 7 go-karts
Estimated lap time: > 14 sec
Pit capacity - 15 go-karts
Pit area: 190,90 m² - 2055 sqft

BUILDING

Available area: 6415,35 m² - 69054sqft

TRACK LAYOUT DESCRIPTION



Maintenance

Straight ramp

ascending, 12%

Elevation change that gives the driver a feeling of being "squeezed" to the ground.

Banked turn

An eye-catching structure that enhances the racing experience with big compression and fast acceleration while descending. A good grip helps the drivers to remain in the ideal driving line.

Increasing radius

A technical turn that keeps the driver engaged in the search for the ideal driving line while experiencing a decreasing feeling of a G-force.

Double hairpin

A part of the track that challenges the drivers to make or break a lap time while searching for an ideal driving line with fluctuations of speed, and allowing them to easily overtake.

Spiral ramp

descending, 180°

A breathtaking element for a unique driving experience on the track. It challenges the drivers to stay in the ideal driving line while offering a great overtaking opportunity and allowing a safe drifting for everyone.

Briefing & Pre-race

Food & Beverage

Pit area

40 go-karts

Pit area

15 go-karts

The logo features the number '360' in a large, bold, black font with a red '3'. Below it, the word 'KARTING' is written in a smaller, bold, black, sans-serif font. The background of the entire image is a photograph of an indoor go-karting track with red and white curbs and glowing green neon lights along the railings.

360
KARTING

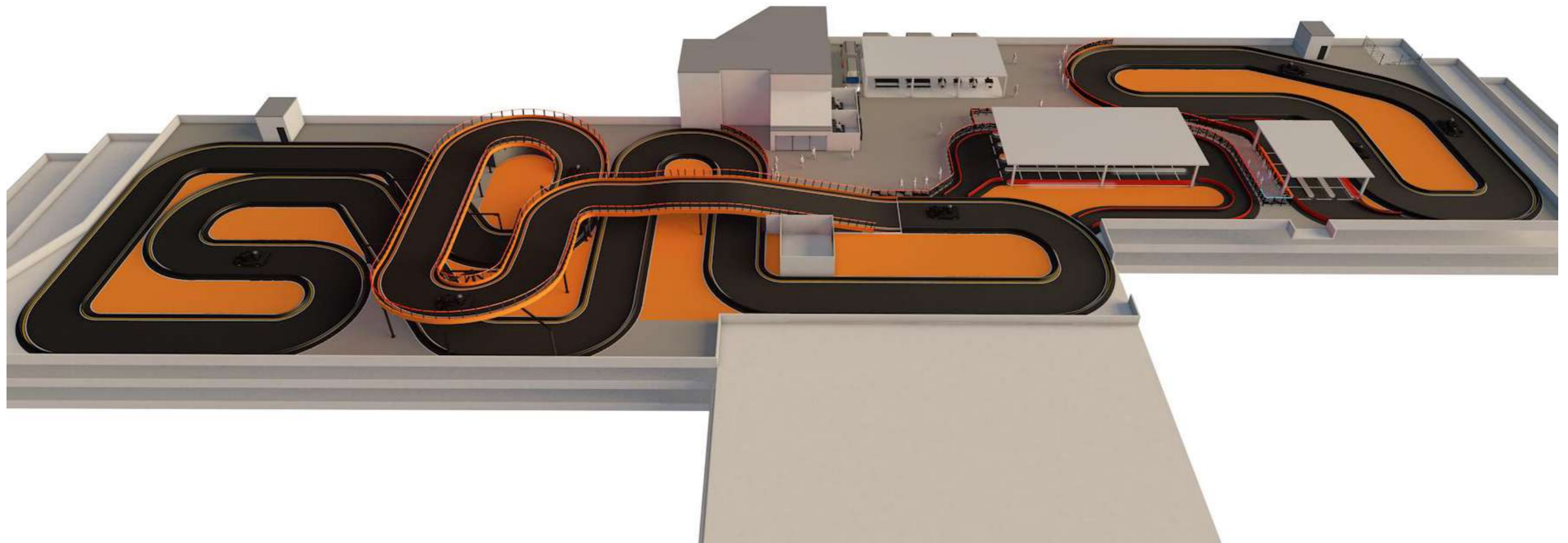
DRIVING EXPERIENCE

Offer an unforgettable experience to your clients
and keep them coming back.

DRIVING EXPERIENCE



DRIVING EXPERIENCE



360
KARTING

360
KARTING

GET ON TRACK

YOU MUST VISIT THE BRIEFING ZONE BEFORE RACING

PIT LANES
OVER THE BRIDGE

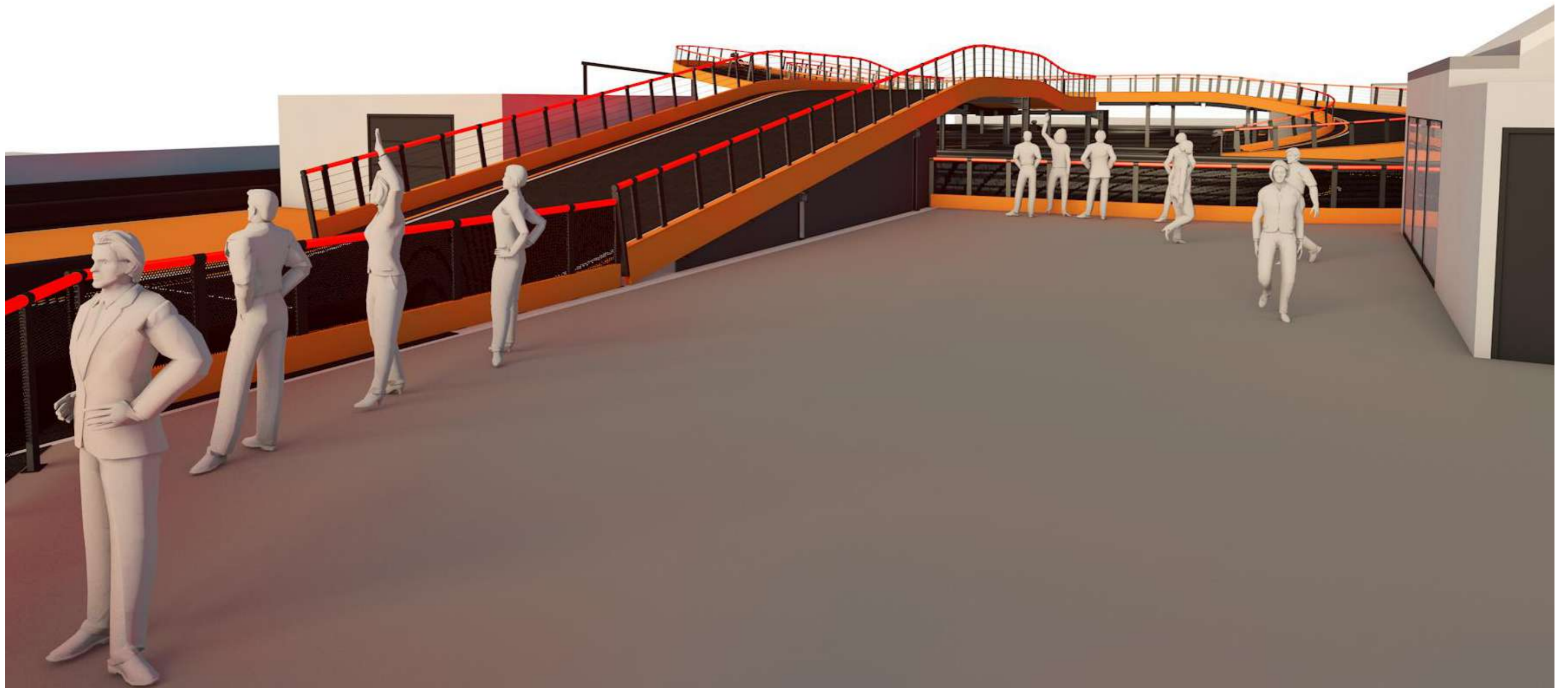
YOU MUST VISIT THE BRIEFING ZONE BEFORE RACING

NON-DRIVING EXPERIENCE

Engage everyone into the karting
experience with the WOW effect

PONG

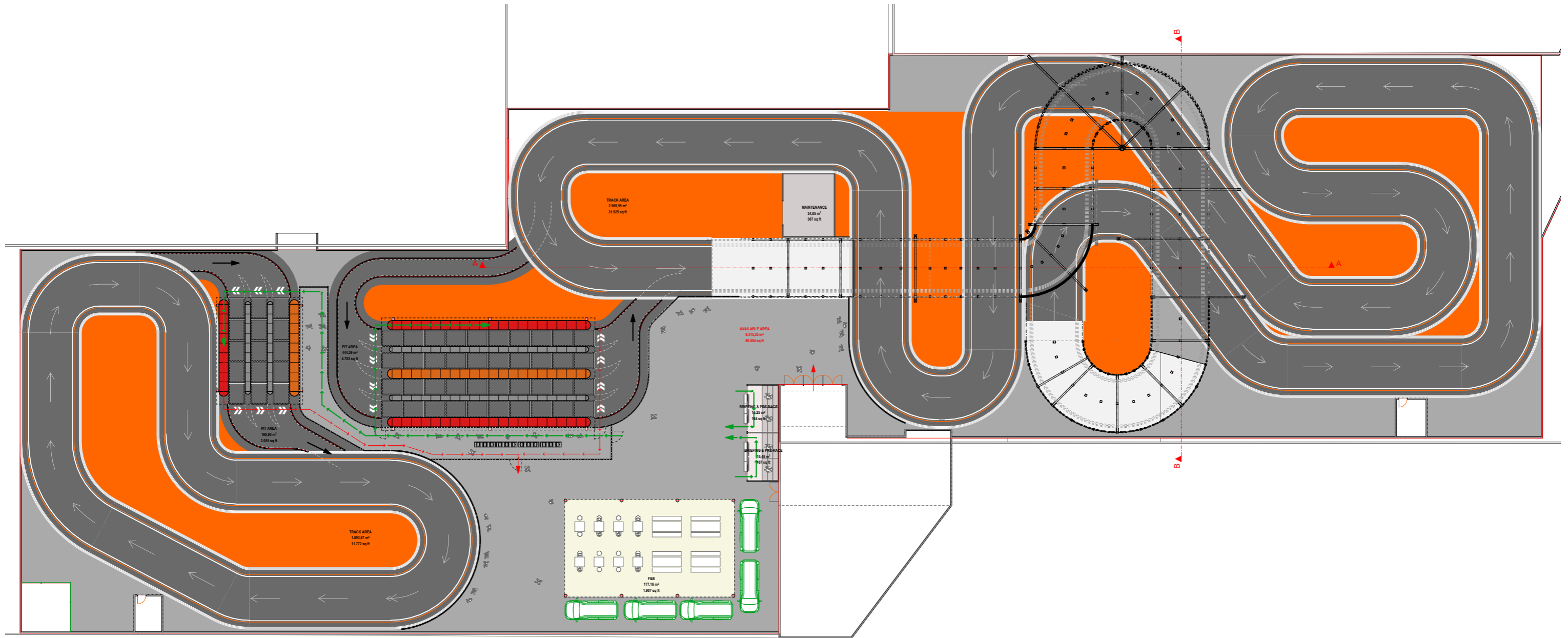
NON-DRIVING EXPERIENCE



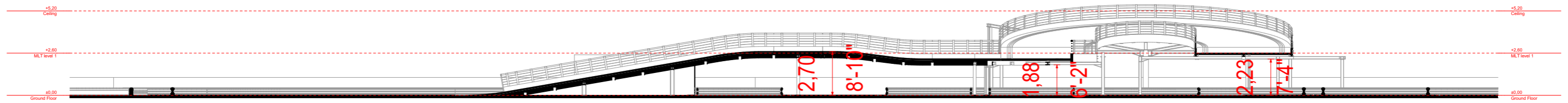
NON-DRIVING EXPERIENCE



FLOOR PLAN



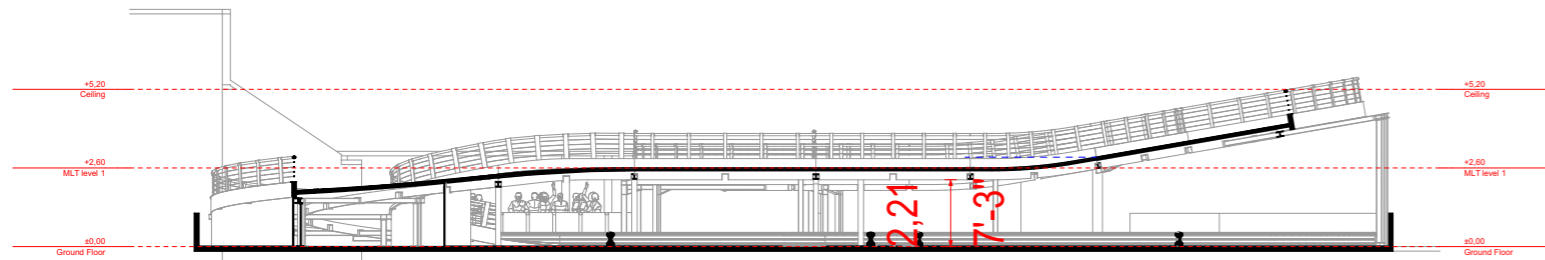
SECTION VIEW



A

Longitudinal S.

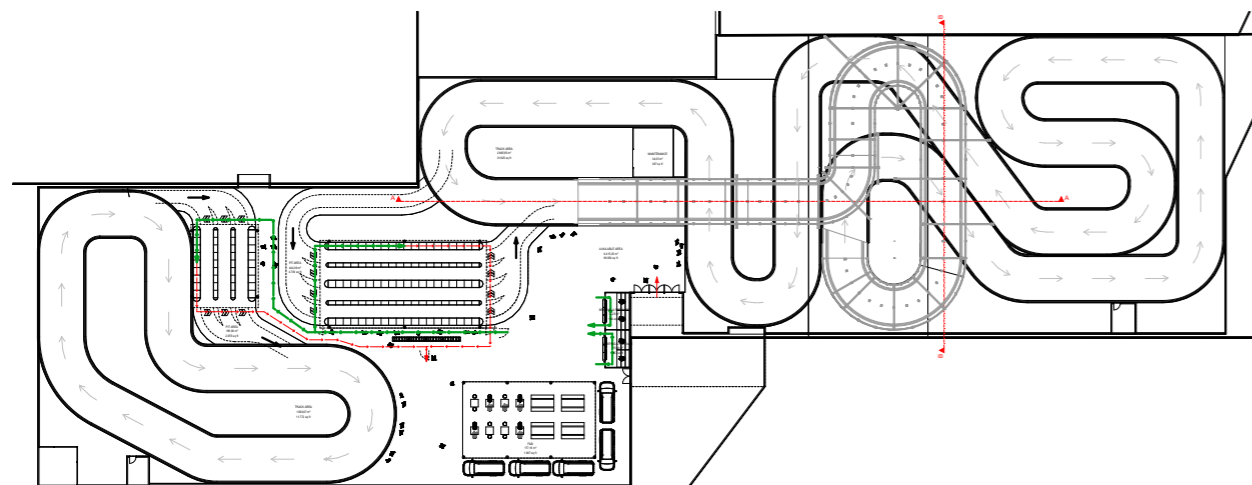
1:250



B

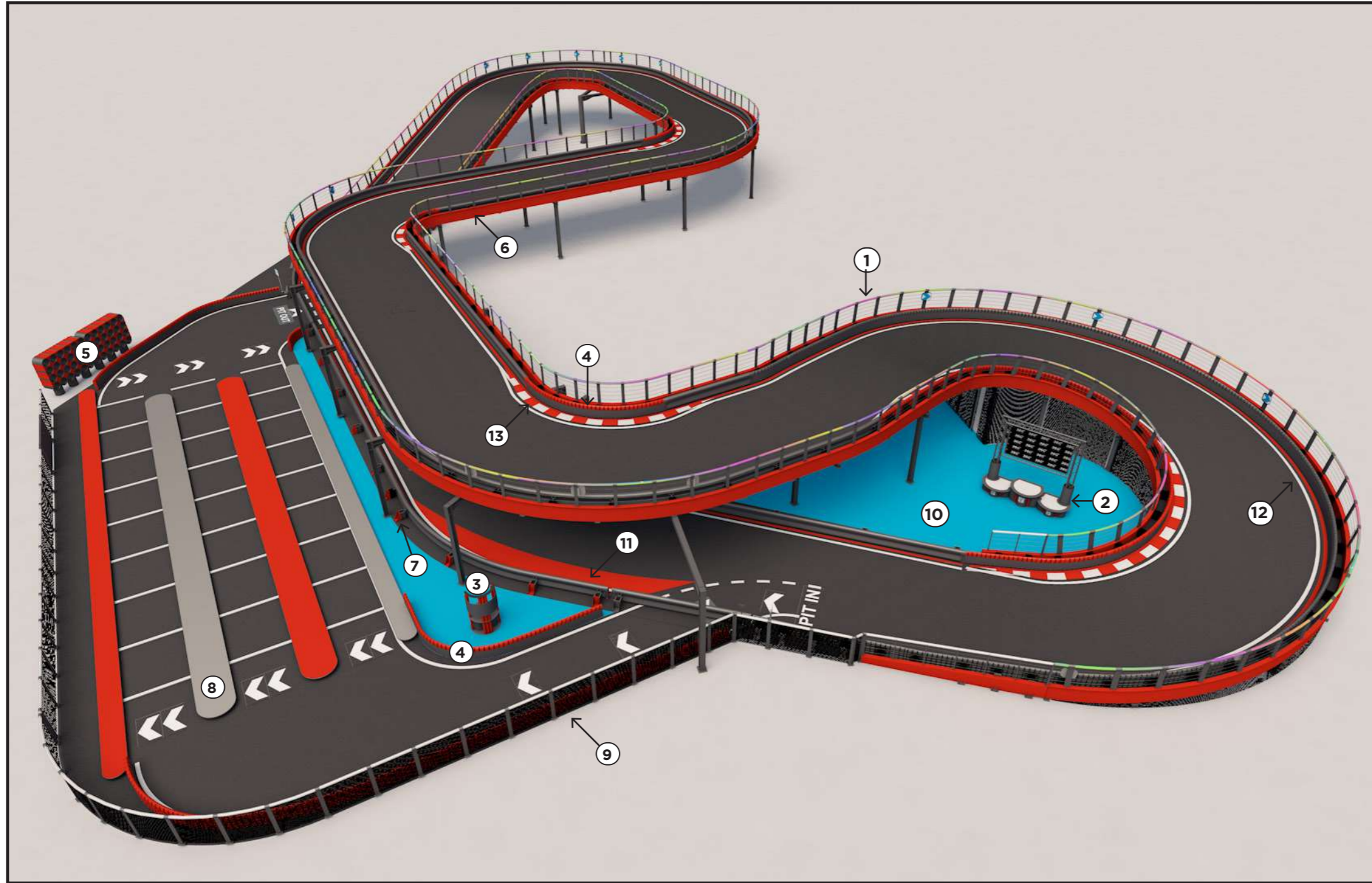
Cross S.

1:250



NOTE: Minimal clear height between track driving surface and higher track level or ceiling must be confirmed by the client in accordance with the local legislation.

COLOR & PRODUCT OVERVIEW



GROUP A: PLASTIC POLYMER PRODUCTS	GROUP B: STEEL PRODUCTS			GROUP C: FLOOR COATING						
① TRACK RAILING	sulfur YELLOW * RAL 1016	pastel ORANGE * RAL 2003	jet BLACK * RAL 9005	⑥ SIDE RAIL ON MULTI-LEVEL TRACK	sulfur YELLOW * RAL 1016	signal YELLOW * RAL 1003	pastel ORANGE * RAL 2003	traffic RED * RAL 3020	silk GRAY RAL 7044	jet BLACK * RAL 9005
② WINNER'S PODIUM PREMIUM	traffic RED * RAL 3020	light BLUE * RAL 5012	signal WHITE * RAL 9003	⑦ ANCHOR ON GROUND FLOOR	tele MAGENTA RAL 4010	signal VIOLET RAL 4008	traffic BLUE * RAL 5017	light BLUE * RAL 5012	slate GRAY RAL 7015	signal WHITE * RAL 9003
③ MARSHAL POST	traffic BLUE * RAL 5017	Green * PANTONE 368C		⑧ CATWALKS	turquoise BLUE *	light GREEN RAL 5018	pantone Green * RAL 6027	yellow GREEN PANTONE 368C	black GRAY RAL 7011	
④ FLEX BARRIER ON APEX AND PIT				⑨ VISITOR'S FENCE						
⑤ HELMET HOLDER				⑩ TRACK ISLAND						
				⑪ RUN-OFF ZONES						
				⑫ DUO-LINE						
				⑬ CURBS ON CORNERS						

NOTE: COLORS WITH MATCHING VALUE FROM GROUP 'B' WITH GROUP 'A' ARE MARKED WITH THE FOLLOWING SYMBOL: *

COLOR OPTIONS

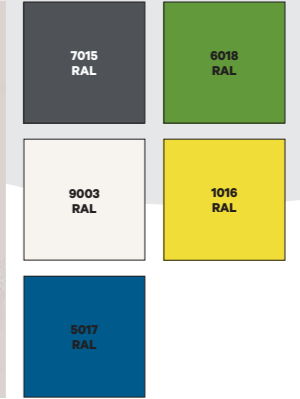
COCKTAIL RACING COLOR SCHEME



CYBER PUNK COLOR SCHEME



BRITISH RACING COLOR SCHEME



ITALIAN RACING COLOR SCHEME



MIAMI VICE COLOR SCHEME



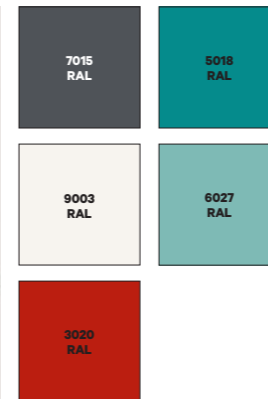
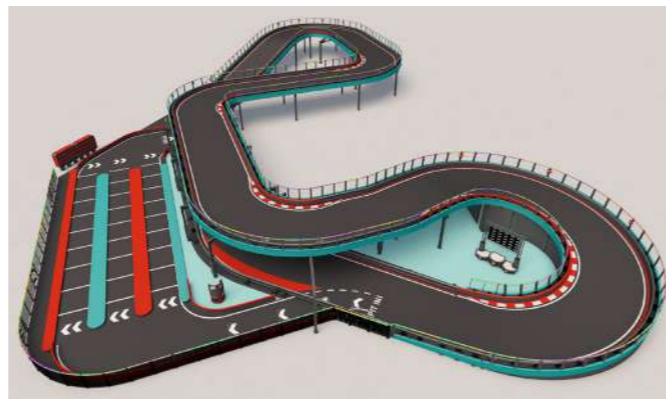
AUSTRIAN RACING COLOR SCHEME



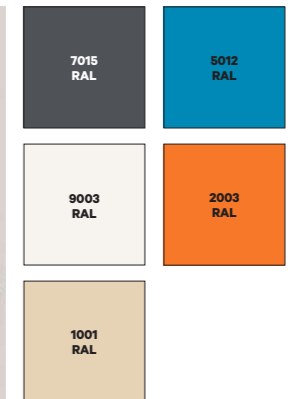
ENERGY RACING COLOR SCHEME



PETROL RACING COLOR SCHEME

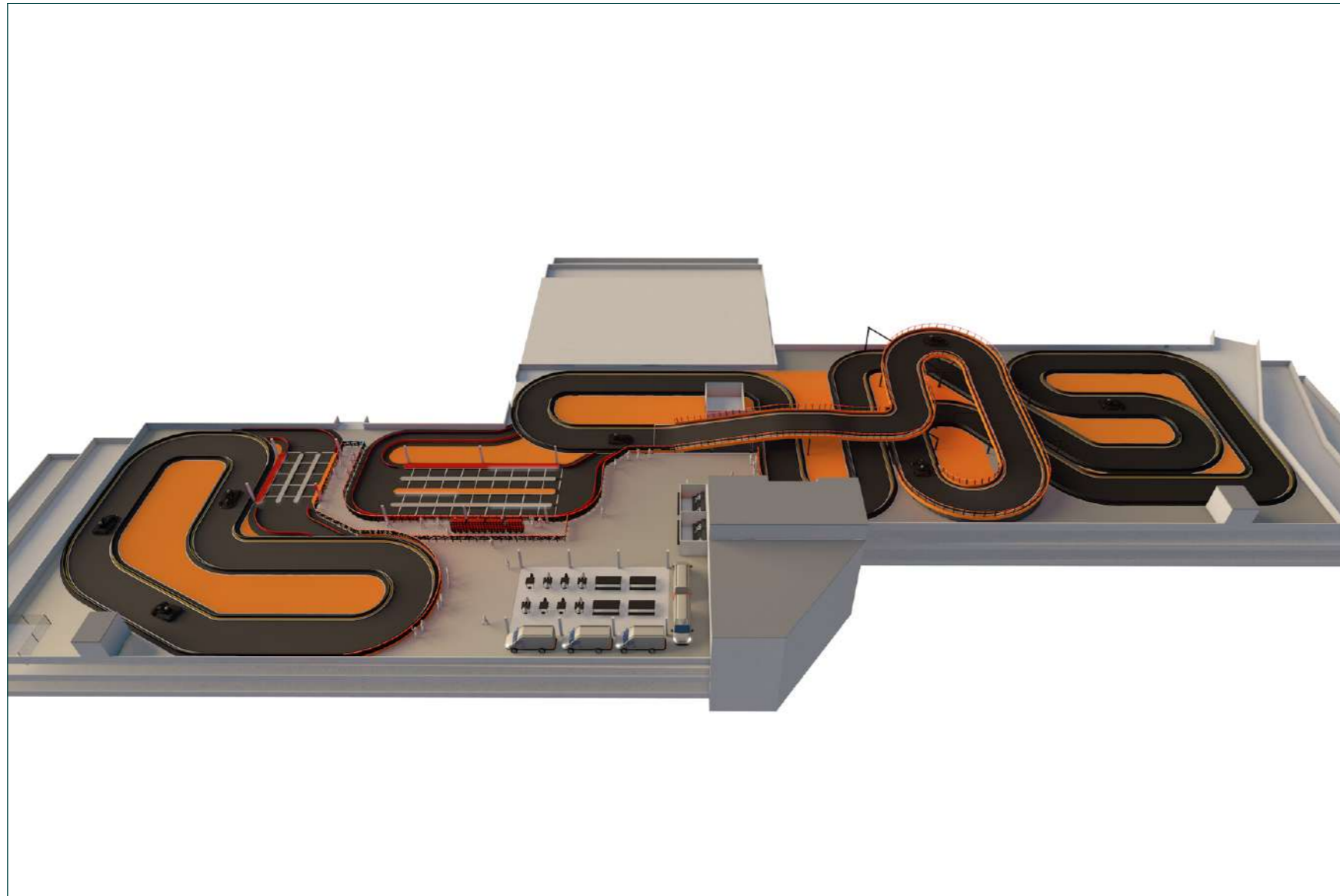


SANDY BEACH COLOR SCHEME




















CHOSEN COLORS

TRACK COMPONENTS WITH (PARTIALLY) ADAPTABLE COLORS



ITEM LIST

COLOR CODE

1. TRACK RAILING (Top Tube)	1. WHITE	
2. WINNER 'S PODIUM PREMIUM (TT)	2. RAL 2003	
3. MARSHAL POST (Top Tube)	3. RAL 2003	
4. FLEX BARRIER ON APEX AND PIT	4. RAL 3020	
5. HELMET HOLDER	5. RAL 3020	
6. SIDE RAIL ON MULTI-LEVEL TRACK	6. RAL 2003	
7. ANCHOR ON GROUND FLOOR	7. RAL 7015	
8. CATWALKS 1	8.1 RAL 7044	
CATWALKS 2	8.2 RAL 2003	
9. VISITOR'S FENCE Top Tube	8.3 RAL 3020	
VISITOR'S FENCE Perf	9.1 WHITE	
10. TRACK ISLAND	9.2 RAL 9005	
11. RUN-OFF ZONES	10. RAL 3020	
12. DUO-LINE	11. RAL 2003	
13. CURBS ON CORNERS 1	12. RAL 2003	
CURBS ON CORNERS 2	13. RAL 3020	
	13.1 RAL 9003	

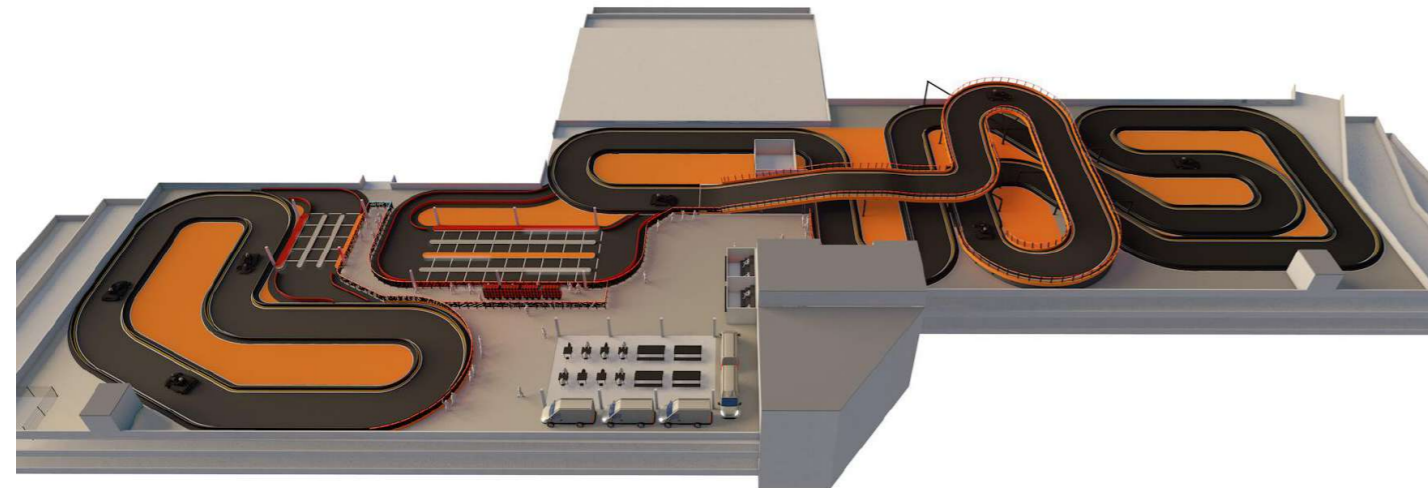
PROJECT COLOR CONFIRMATION

AUSTRIAN RACING COLOR SCHEME

Client name: _____
 Signature: _____
 Date: _____



DESIGN OVERVIEW



AGREEMENTS

TECHNICAL DETAILS

TRACK

Total length: 438 m - 1437,66 '
 Ground floor: 328 m - 1076,12 '
 Multi-level: 110 m - 360,89 '
 Multi-level structure width: 6 m - 19,69 '
 Driving direction: clockwise
 Capacity: 20 go-karts
 Estimated lap time: > 48,6 sec
 Visitor's fence length: 103,29m - 339.26 ft
 Groundfloor siderail length: 45,75m - 150 ft

Track area: 2965,95 m² - 31925 sqft

Pit area: 444,39 m² - 4783 sqft

PIT AREA

Capacity: 40 go-karts
 Adult go-kart fleet: TBD
 Junior go-kart fleet: TBD
 Double seater go-kart fleet: TBD
 Flex rail length: 122m - 400,57 ft

SIGNATURE OF ACCEPTANCE

name

signature

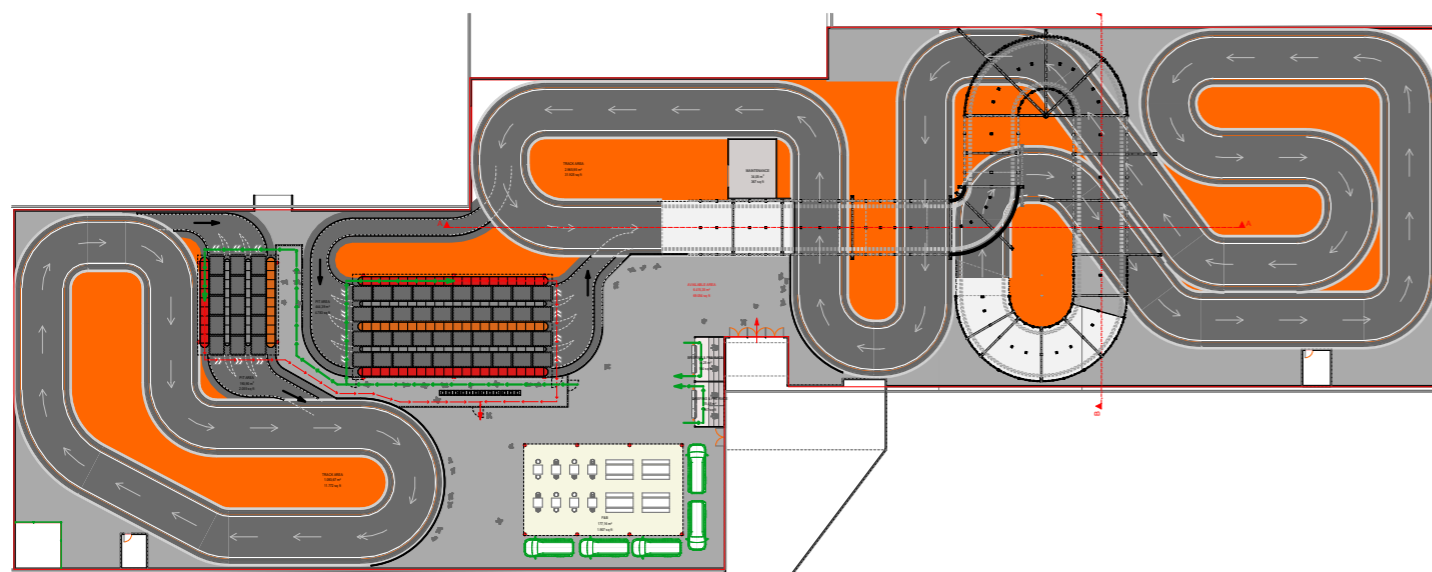
date & place

TRACK KID'S

Ground: 127 m - 416,67'
 Driving direction: anticlockwise
 Track area: 1093,67 m² - 11772sqft
 Capacity: 7 go-karts
 Estimated lap time: > 14 sec
 Pit capacity - 15 go-karts
 Pit area: 190,90 m² - 2055 sqft

BUILDING

Available area: 6415,35 m² - 69054sqft



By building **outstanding karting destinations**,
we create **ultimate fun** and bring **karting**
closer to everyone, everywhere.



KARTING

GET ON TRACK WITH US