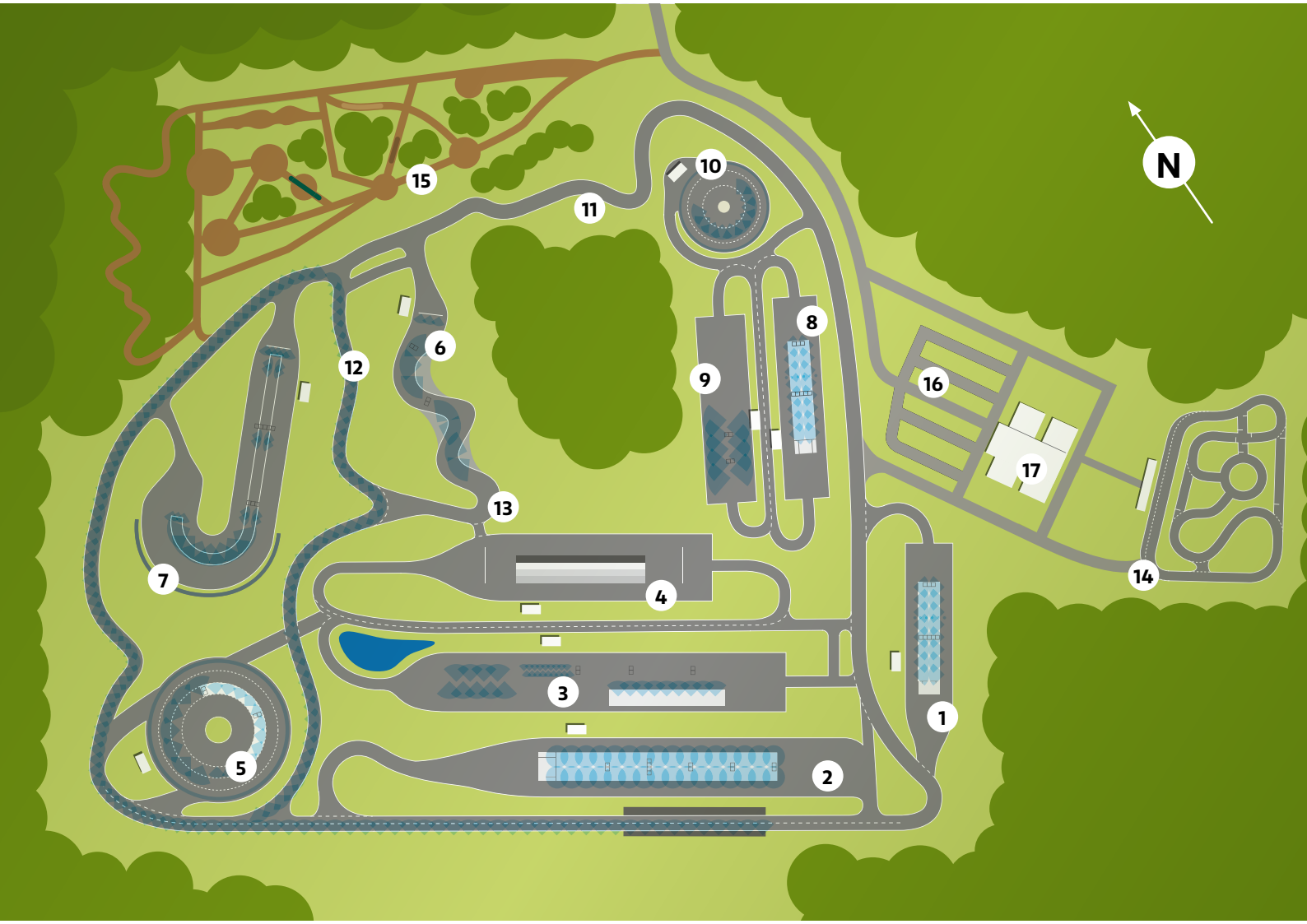
ADAC

Welcome to 25 acres of joy at driving

In the **Fahrsicherheitszentrum Berlin-Brandenburg** you can experience pure driving pleasure under perfect track conditions

The Premises

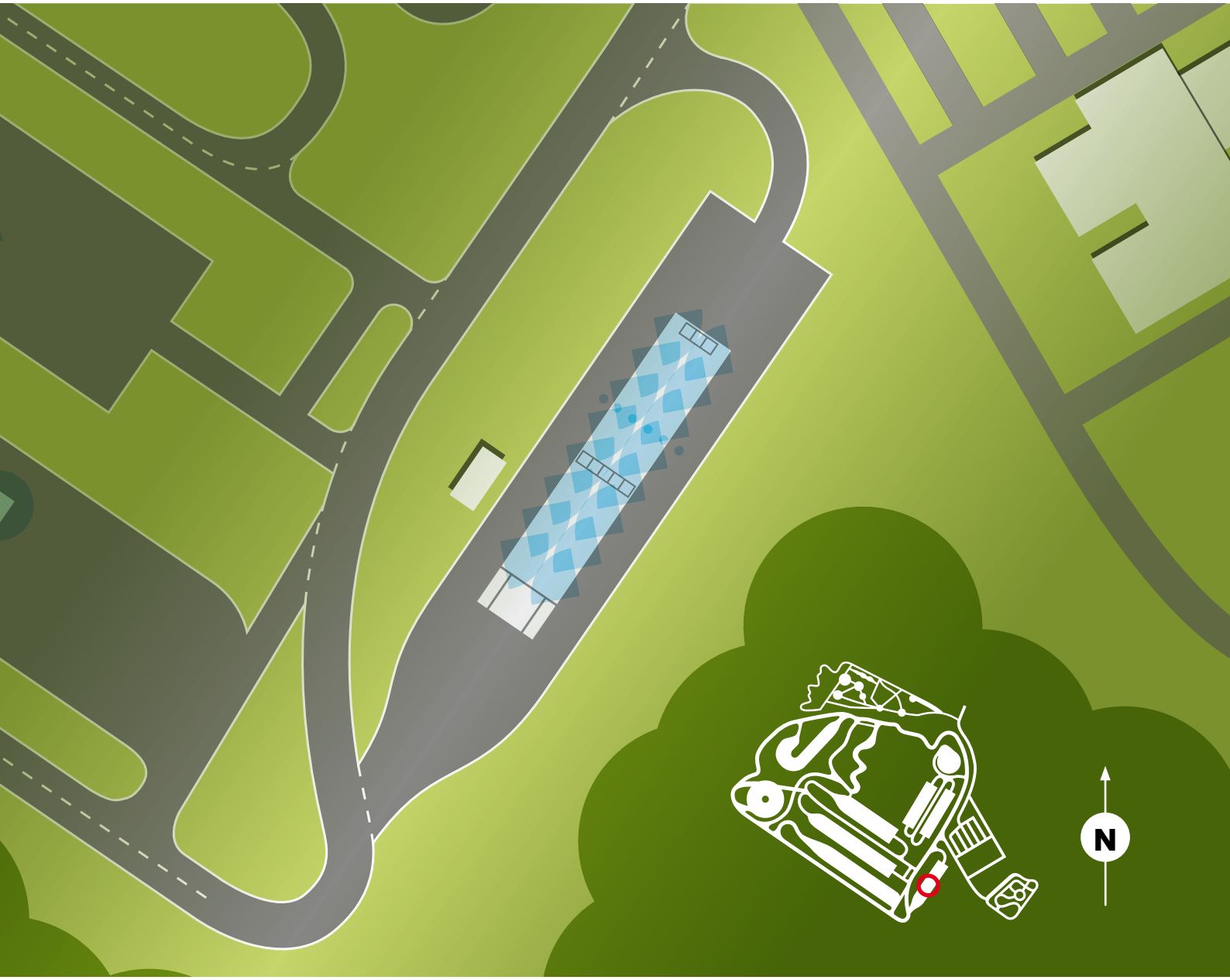


1. Dynamic plate for passenger cars with sliding surface
2. Dynamic plate for commercial vans with sliding surface
3. Multifunctional track with longitudinal aquaplaning
4. Braking track with 4 different road surfaces
5. Circular track for commercial vehicles with a sliding surface
6. Downhill cornering track with a gradient of 10%
7. Downhill course and corner with a sliding surface and a gradient of 7%
8. Dynamic plate for passenger cars with sliding surface
9. Multifunctional zone
10. Circular track for passenger cars
11. Large circuit
12. Small circuit with wet handling
13. Mid-sized circuit
14. A module for cornering and a karting track
15. Off-road terrain
16. Parking and event location
17. Functional building

A note on the modules: The containers of each module are air-conditioned. The toilets are in the functional building.

Module 1

A dynamic plate for passenger cars with a sliding surface

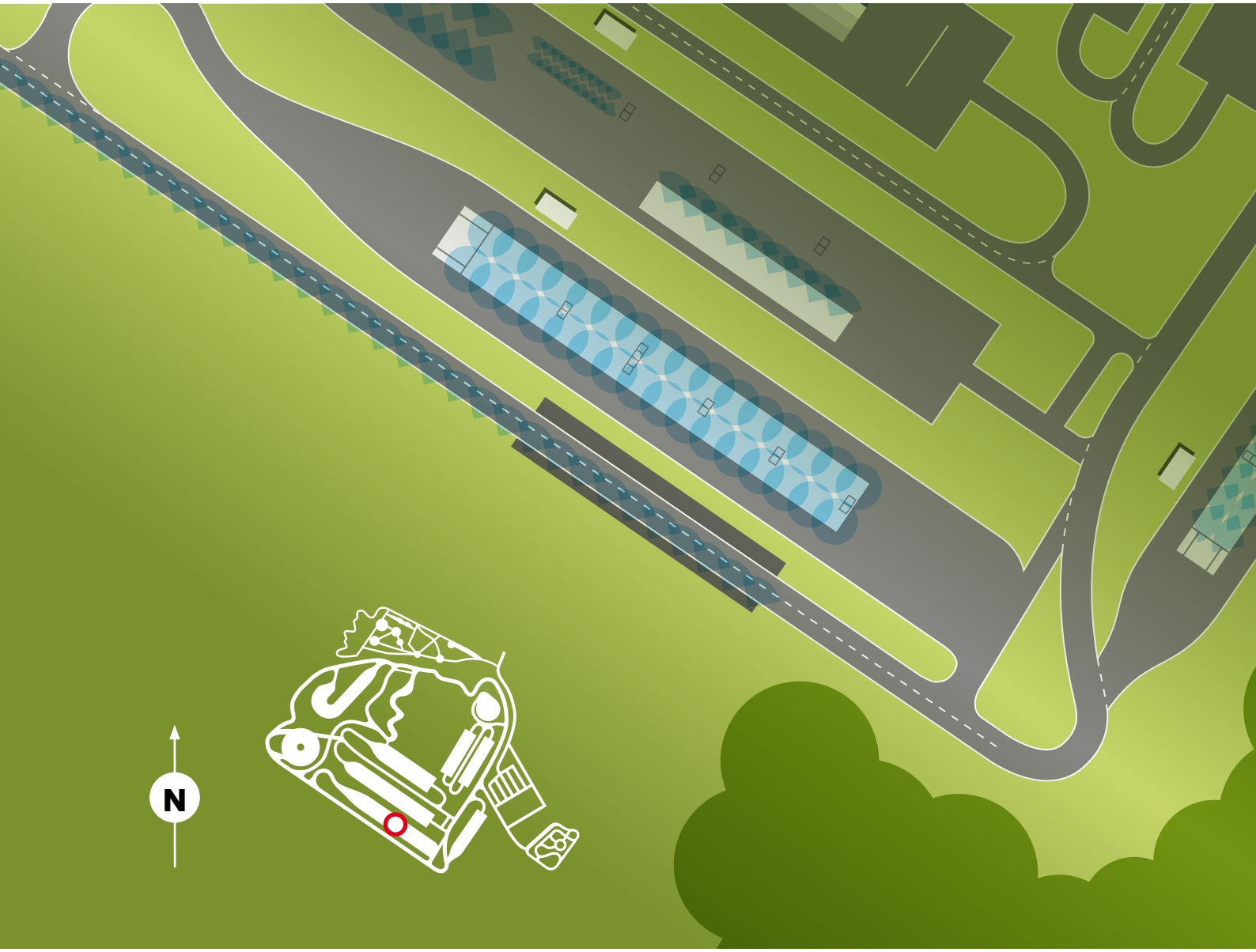


The combination of a sliding surface and water barriers makes this module the ultimate solution for testing your response and coordination levels, behind the steering wheel and in swerving manoeuvres. The dynamic plate causes your vehicle to skid in a controlled way. This plate makes the driver and his/ her vehicle feel the effects of understeer. In addition, water fountains will pop up at different spots along the module track, simulating obstacles which may suddenly emerge in road traffic.

Length of module	110 m
Width of module	24 m
Length of sliding surface	53 m
Width of sliding surface	9 m
Friction coefficient of the sliding surface	approx.0.2 µ (wet)
Size of dynamic plate	2.9 m x 2.7 m
Width of vehicle on dynamic plate	1.95 m max
Driving speed range on dynamic plate	25–55 km/h
Amount of water obstacles	8
Amount of sprinklers	23

Module 2

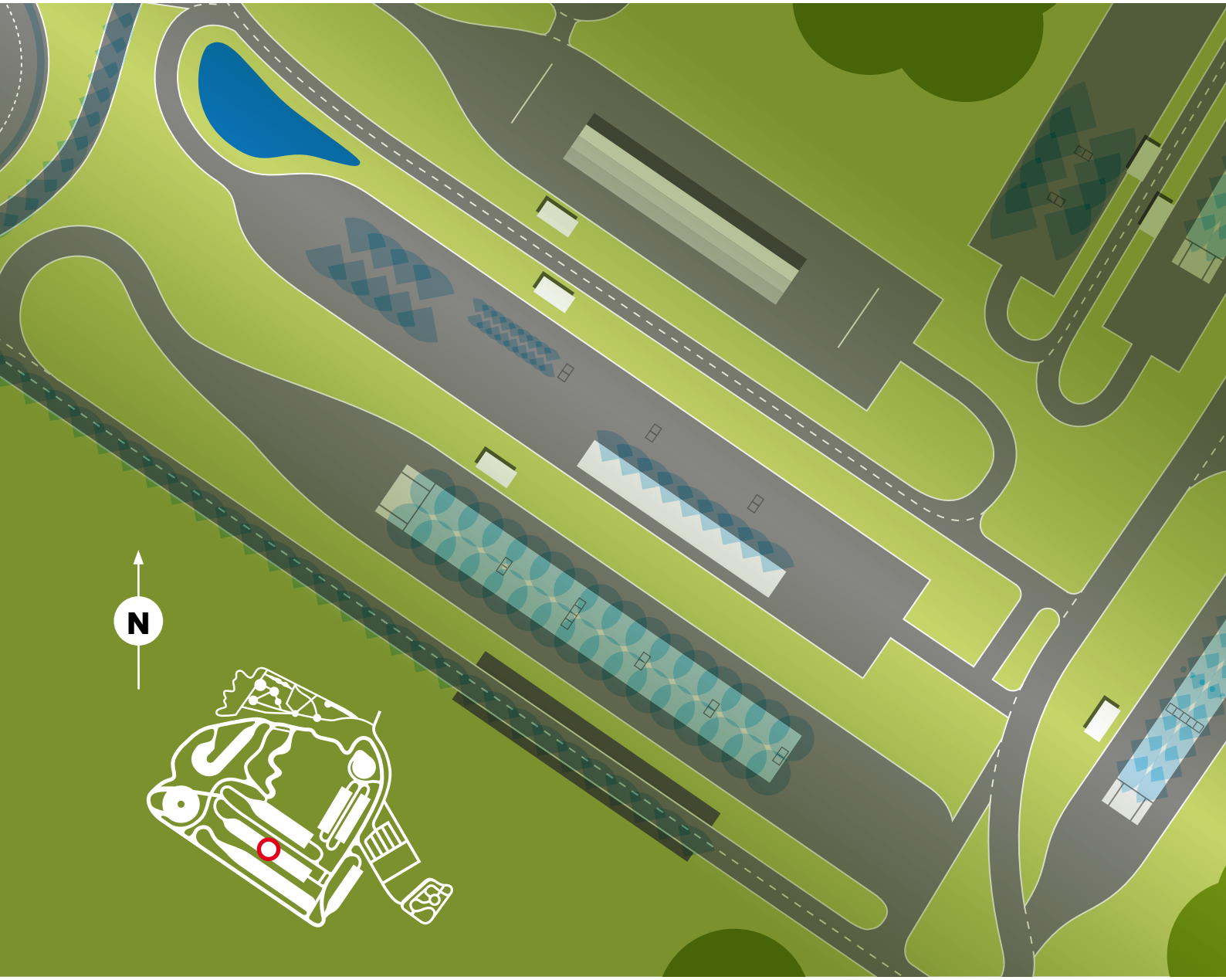
A dynamic plate for commercial vans with a sliding surface



This module is particularly geared to commercial vehicles. The length of the sliding surface, the amount of water obstacles and the dynamic plate are impressive. Here, drivers of commercial vehicles (e.g. a lorry or a bus) will experience how quickly they may lose control over their vehicle in difficult driving conditions. Naturally, this module is also of interest for drivers of passenger cars, who are enabled, at high speed levels but in a safe environment, to experience extremely tricky situations here.

Length of module	250 m
Width of module	32 m
Length of sliding surface	115 m
Width of sliding surface	12 m
Friction coefficient of sliding surface	approx. 0.25 µ (wet)
Size of dynamic plate	4.4 m x 5 m
Width of vehicle on dynamic plate	2.75 m max.
Driving speed range on dynamic plate:	
For passenger cars	25–65 km/h
For commercial vehicles	20–45 km/h
Amount of water obstacles	12

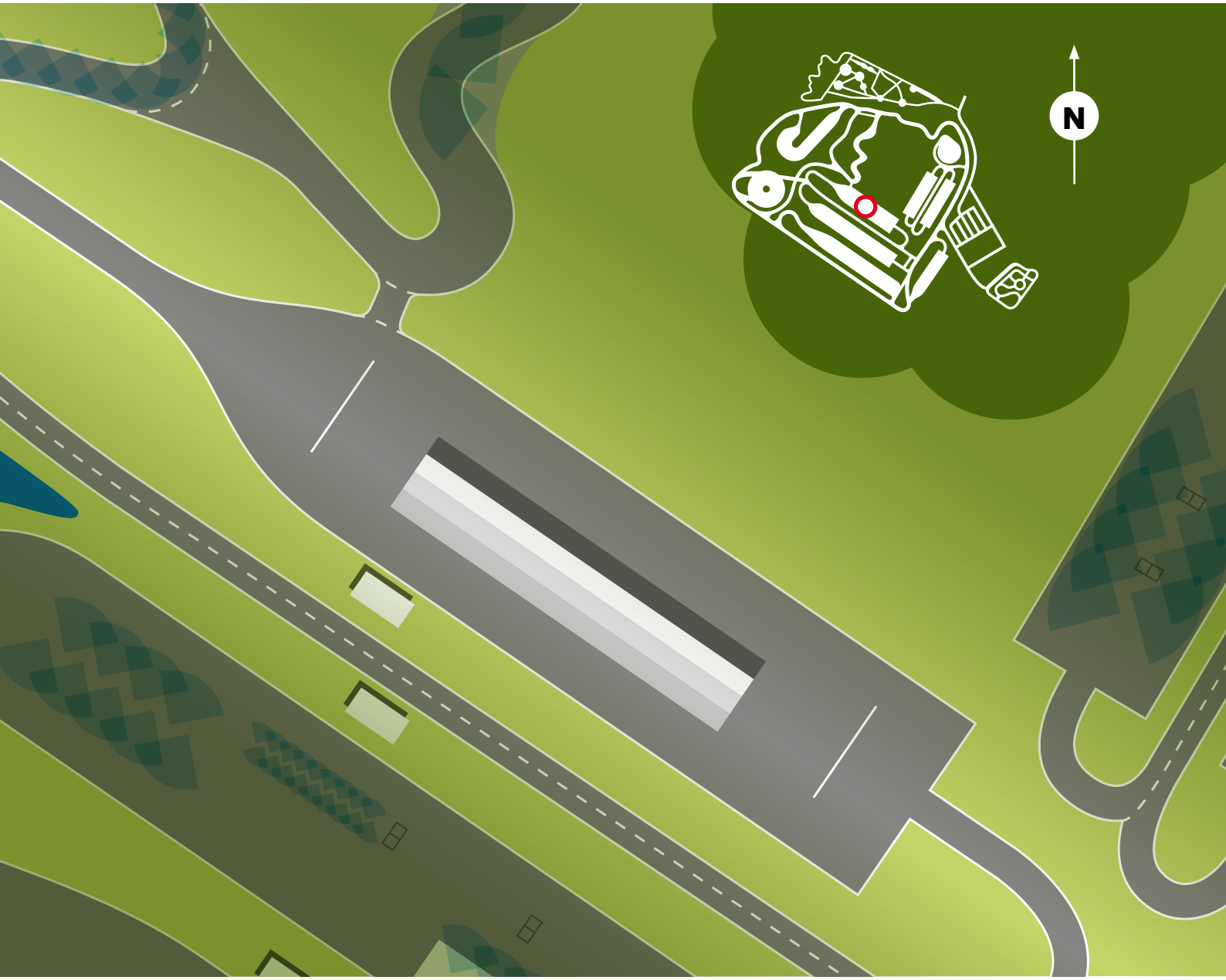
Module 3
A multifunctional track with longitudinal aquaplaning



This spacious module offers a great number of options: Its water obstacles help you to navigate your car inter alia braking and swerving at high speeds through slaloms and lane changes. The variably adjustable irrigation levels of an integrated aquaplaning pool let you, consciously and safely, experience the dreaded condition of aquaplaning.

Length of module	220 m
Width of module	32 m
Amount of water obstacles	10
Amount of sprinklers	24
Size of the aquaplaning pool	5 x 51 m

Module 4
A braking track with four different road surfaces

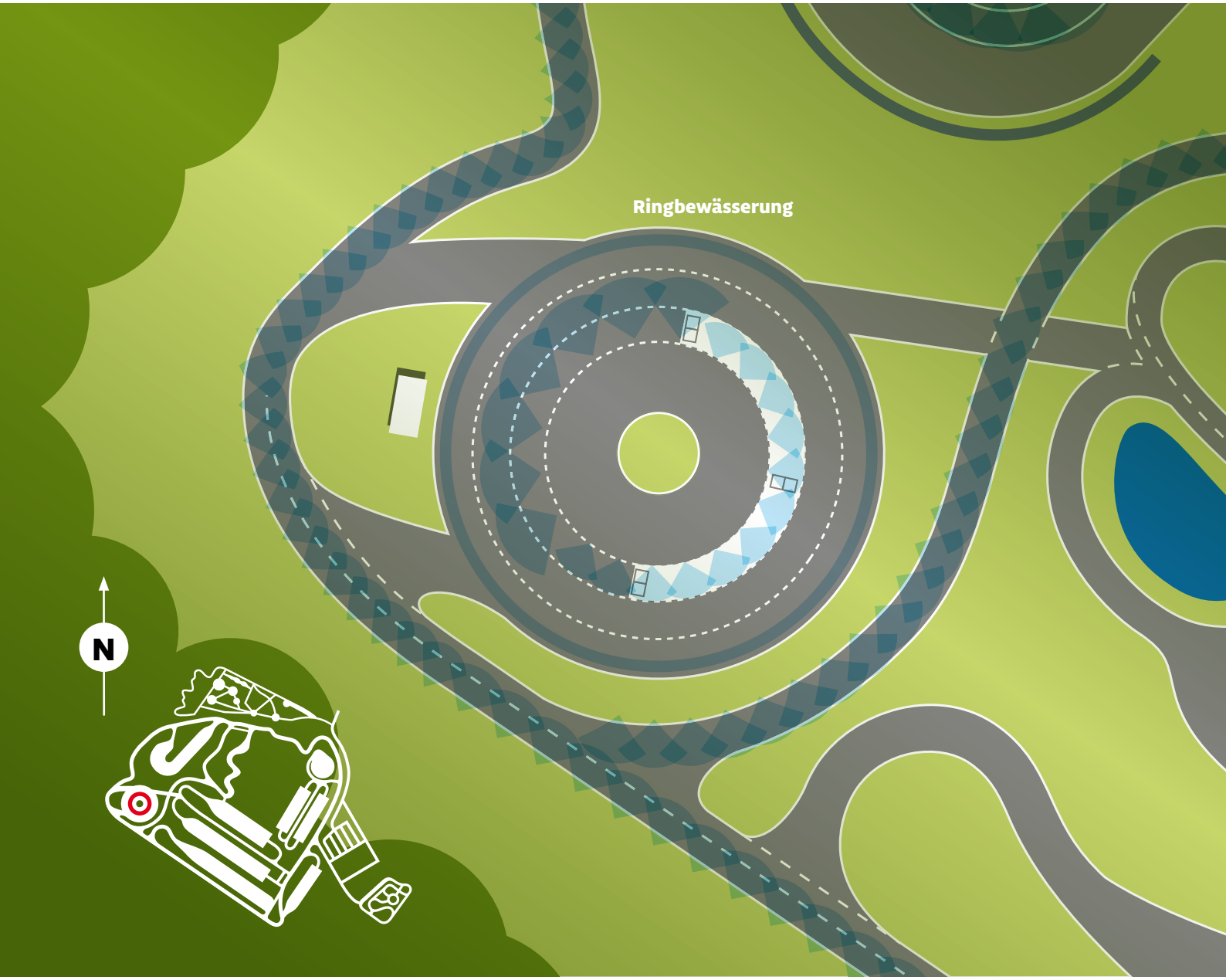


Cobblestone, asphalt, a sliding surface and concrete can each be completely irrigated – an ideal medium enabling you to compare and analyse the effects of different types of road surfaces. Here, all the aspects of braking can be demonstrated hands-on, taking different types of tyres, brake systems and road surfaces into consideration.

Length of module	185 m
Width of module	36 m
Length of each different road surface area	70 m
Friction coefficient of asphalt lane	0.8 µ
Friction coefficient of sliding surface lane	0.2 µ
Friction coefficient of concrete lane	0.9 µ
Friction coefficient of cobblestone lane	approx. 0.5 µ

Module 5

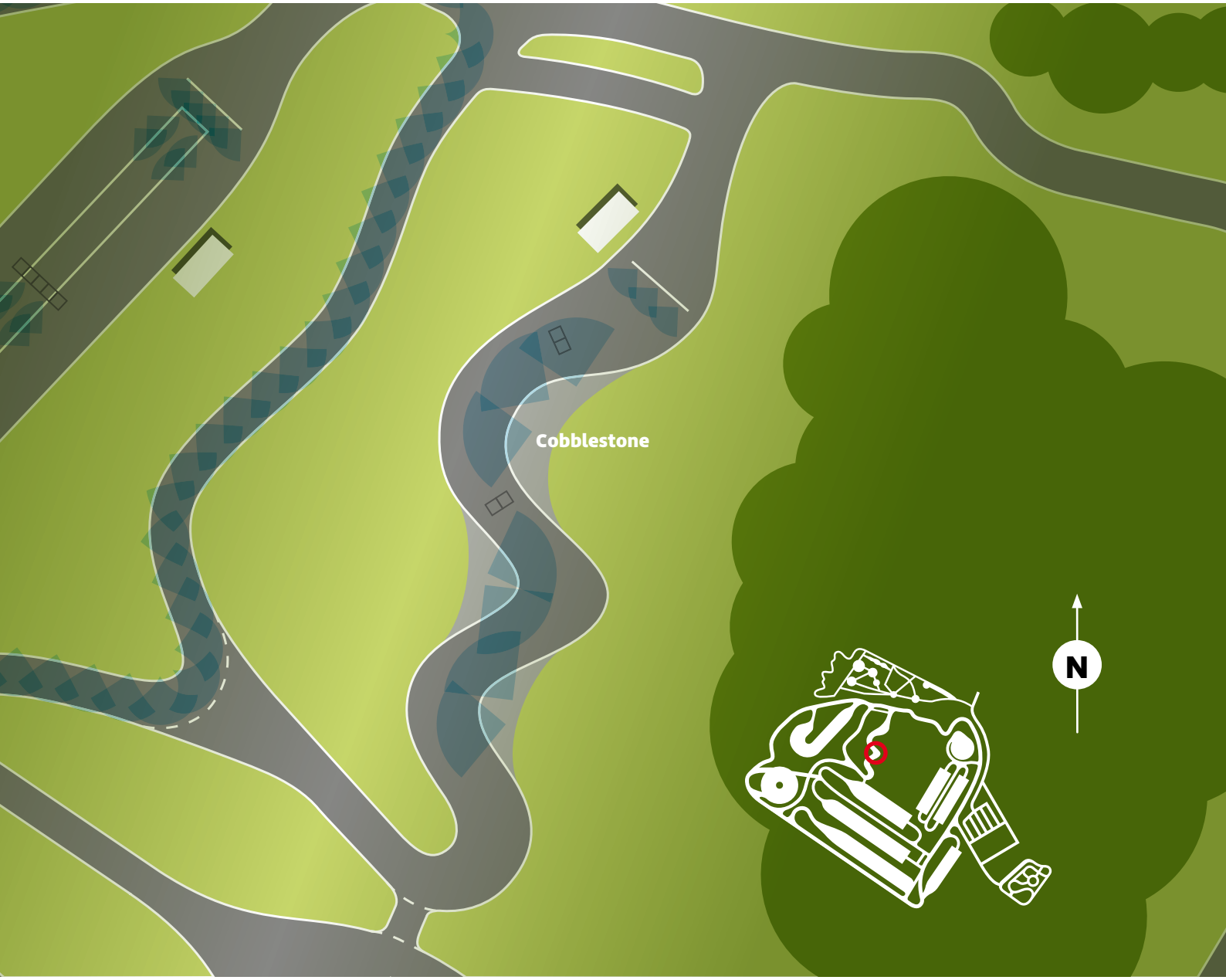
A circular track for commercial vehicles with a sliding surface



The large circular track with a diametre of 80 m is especially apt to convey a hands-on "experience" of your own driving behaviour when the vehicle is either oversteering or understeering. Varying road surfaces will give you a feeling for the different responses of your vehicle. The effects of different kinds of tyres and driver-assisting systems can be demonstrated in a hands-on fashion. Moreover, these premises are providing opportunities to improve the inclined position with your motorcycle.

Diametre of module	80 m
Length of sliding surface	70 m
Width of sliding surface	5.9 m
Friction coefficient of sliding surface	approx. 0.4 μ (wet)
Amount of water obstacles	6
Amount of sprinklers	20

Module 6
A cornering track with a downhill gradient of 10%

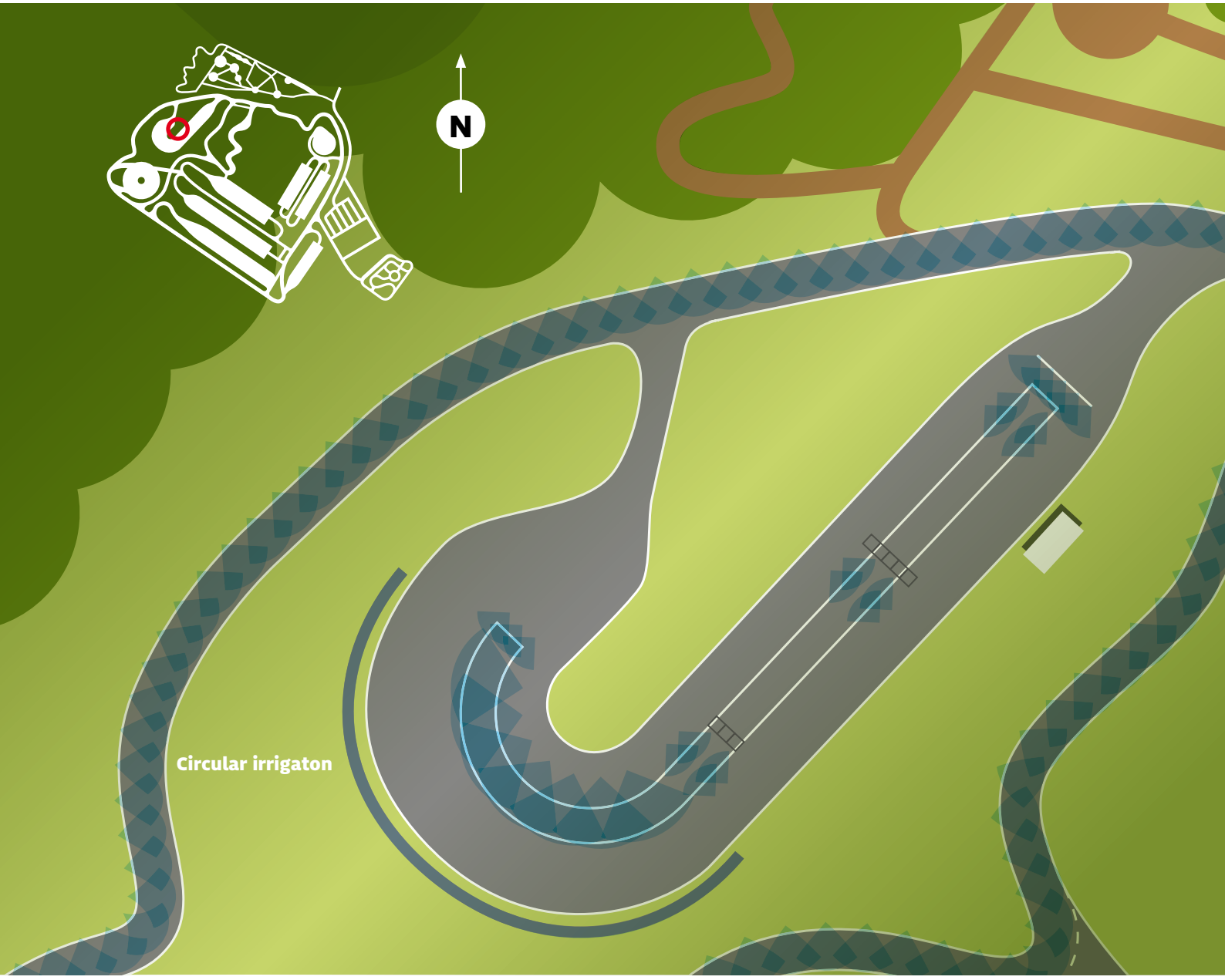


Wet lanes, water obstacles and a downhill gradient of 10 % offer many different ways to experience the response of your vehicle to braking or cornering in uphill or downhill terrain. This handling track with many bends and meandering features is a demanding challenge, for driver and vehicle alike.

Length of module	410 m
Width of module	18 m max.
Amount of water obstacles	4
Amount of sprinklers	10
Height difference	10 m

Module 7

A downhill course and corner with a sliding surface and a gradient of 7%

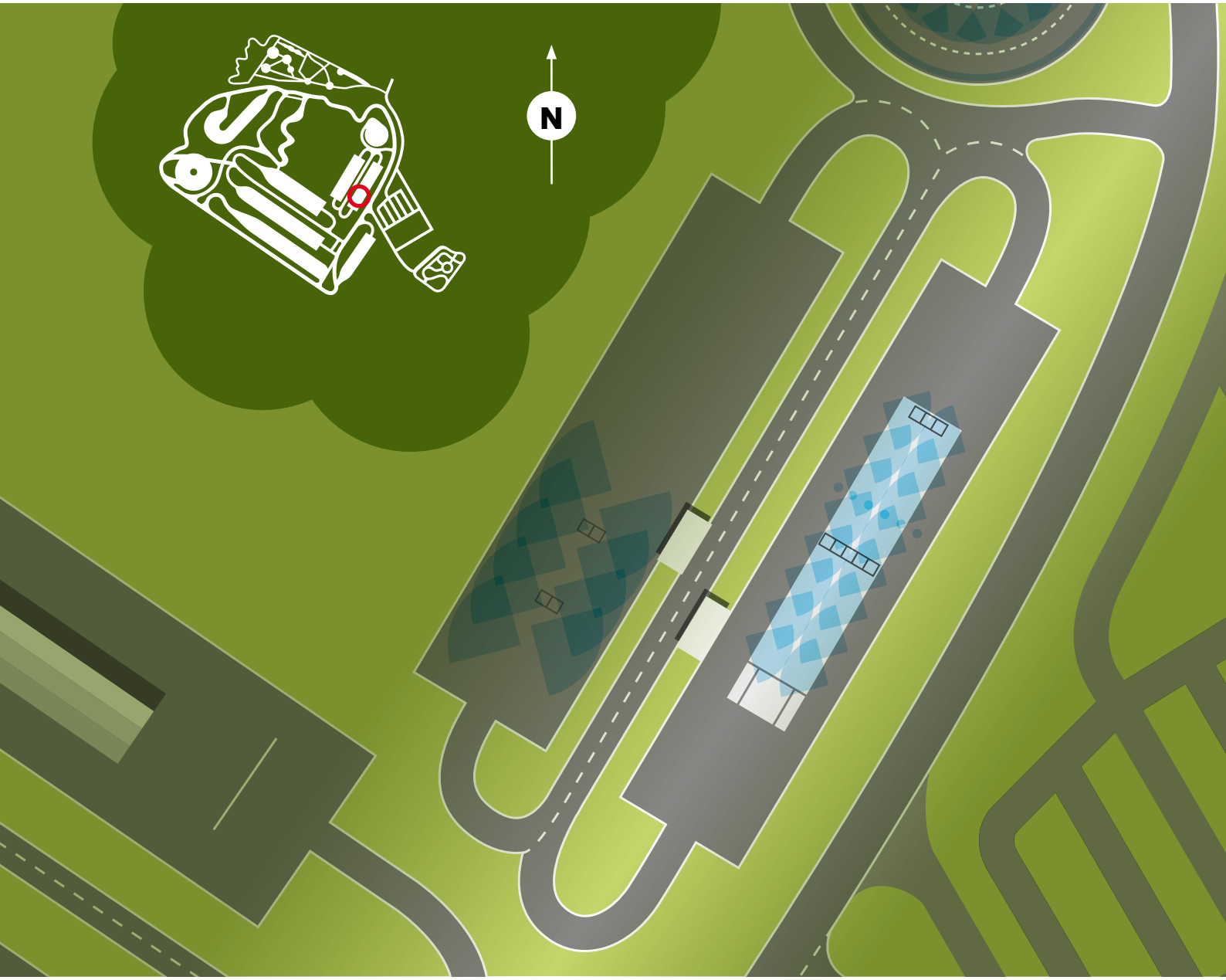


The way uphill is ideal to compare different starting aids and drive systems. Here, drivers of lorries and passenger cars are operate their brakes on their way downhill and avoid numerous water obstacles, or they exercise operating their brakes over the course of a bend. The size of this module track allows for higher speed levels, a hands-on way of showing advanced drivers their individual and technical limits.

Length of module	220 m
Width of module	26 m
Length of sliding surface	157 m
Width of sliding surface	10 m
Friction coefficient of sliding surface	approx. 0.4 µ (wet)
Amount of water obstacles	8
Amount of sprinklers	27
Height difference	7 m

Module 8

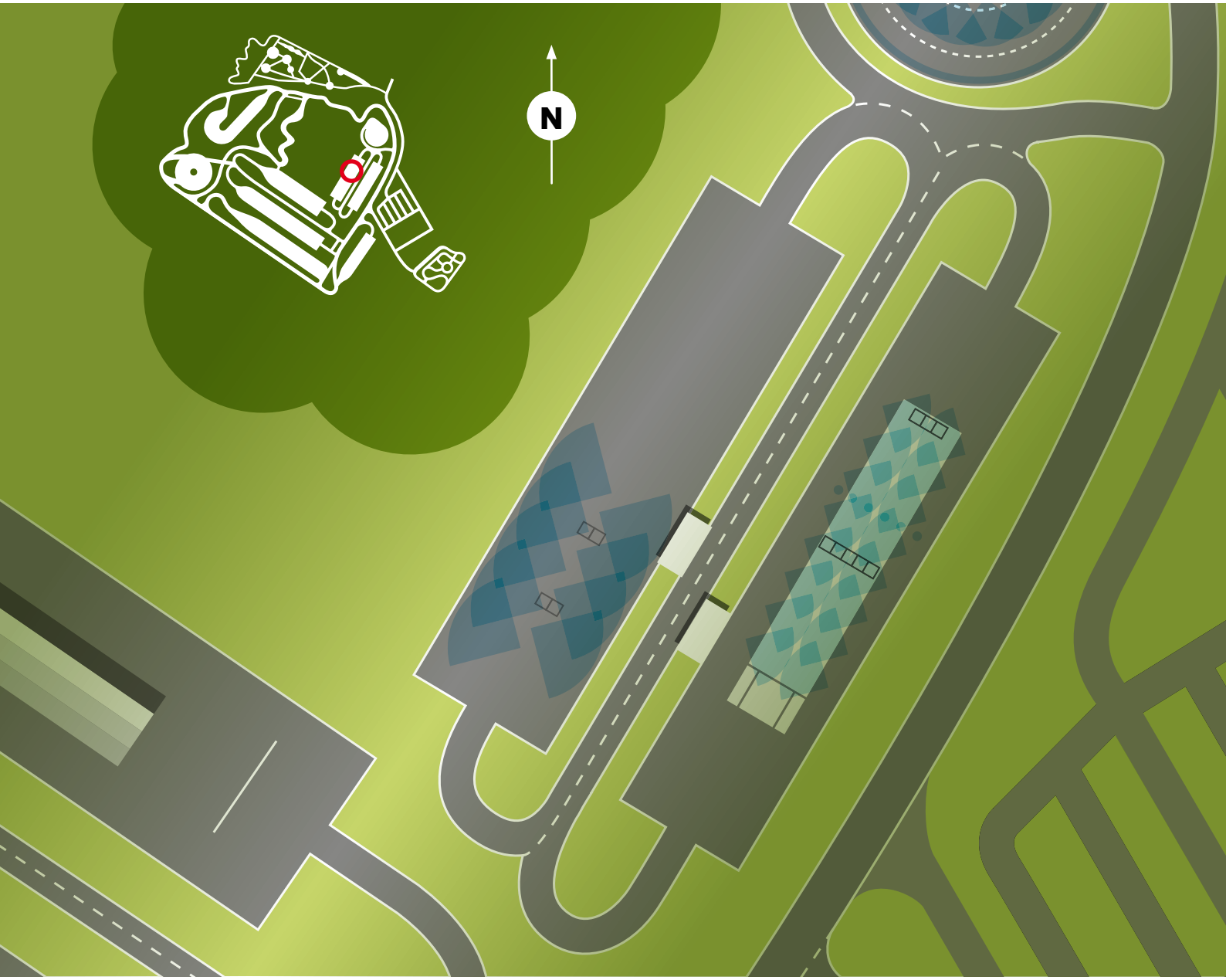
A dynamic plate for passenger cars with a sliding surface



The dynamic plate makes the driver and his/her vehicle feel the effects of oversteer / or skidding. This module is also rounded off by the water obstacles, sprinklers and sliding surface you already know. The modules 8, 9 and 10 represent a stand-alone set of training units which can be isolated from the others. Separate groups in passenger cars are able practise here at the same time, because these tracks are placed next to the functional building three separate.

Length of module	125 m
Width of module	24 m
Length of sliding surface	55 m
Width of sliding surface	10 m
Friction coefficient of sliding surface	approx. 0.2 μ (wet)
Size of dynamic plate	2.9 m x 2.7 m
Width of vehicle on dynamic plate	1.95 m max
Driving speed range on dynamic plate	25–55 km/h max
Amount of water obstacles	10
Amount of sprinklers	15

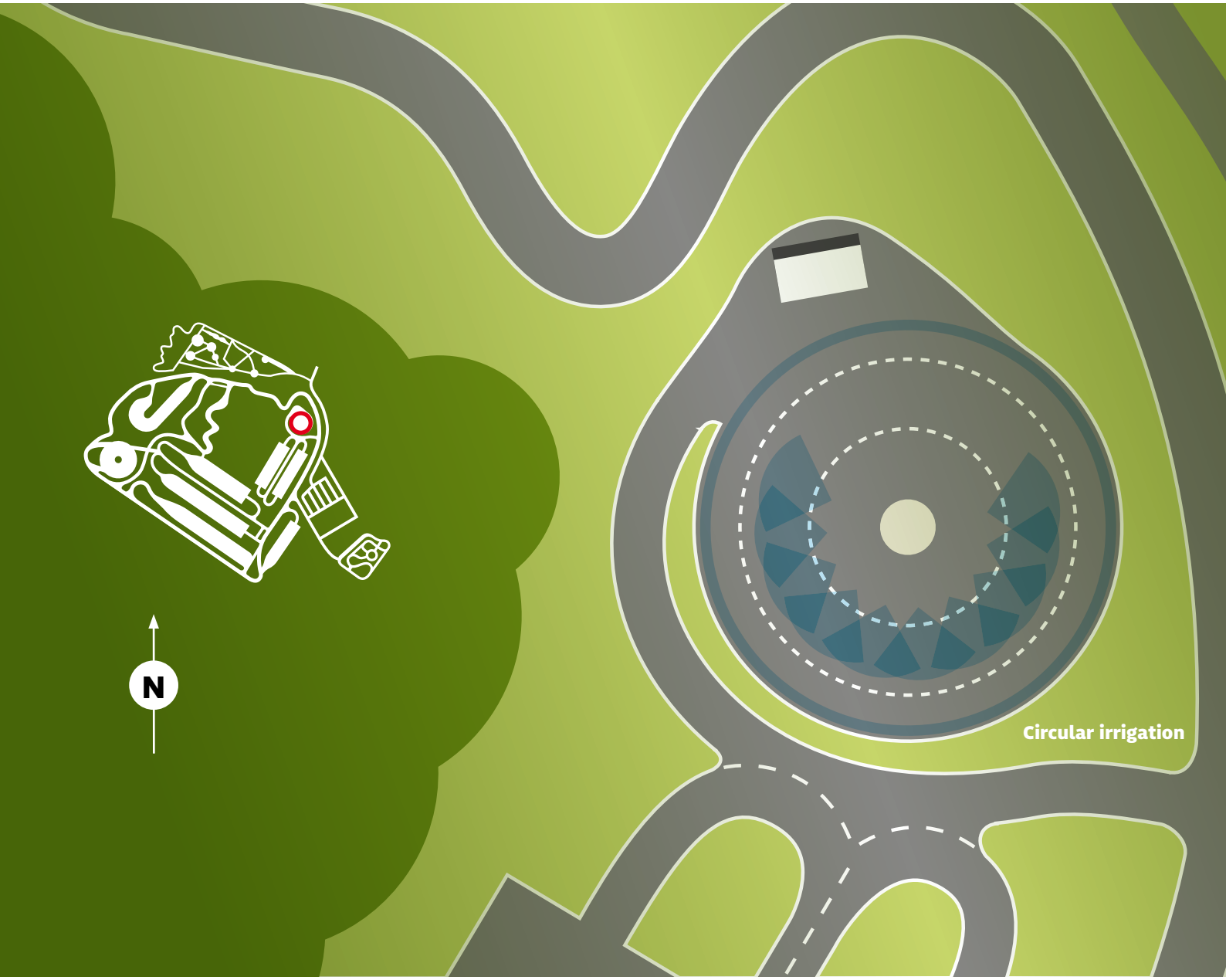
Module 9
The multifunctional track



A large asphalted area with integrated water obstacles can be used in various ways, especially for the traditional types of trainings. Here, you can work on your braking and exercise the avoidance of wet or dry obstacles. You can also navigate a slalom course to improve not just your steering but also your scanning technique and seating posture.

Length of module	115 m
Width of module	26 m
Amount of water obstacles	4
Amount of sprinklers	15

Module 10
A circular track for passenger cars



Our small circular track with a diametre of 50 m allows drivers of passenger cars and bike riders, who are accelerating and operating their brakes in an endless curve, to experience the limits of driving dynamics. The road surface, which can be completely irrigated, allows you to demonstrate your own driving habits in quite different driving conditions.

Module diametre ..... 50 m
Amount of sprinklers 7
Circular irrigation

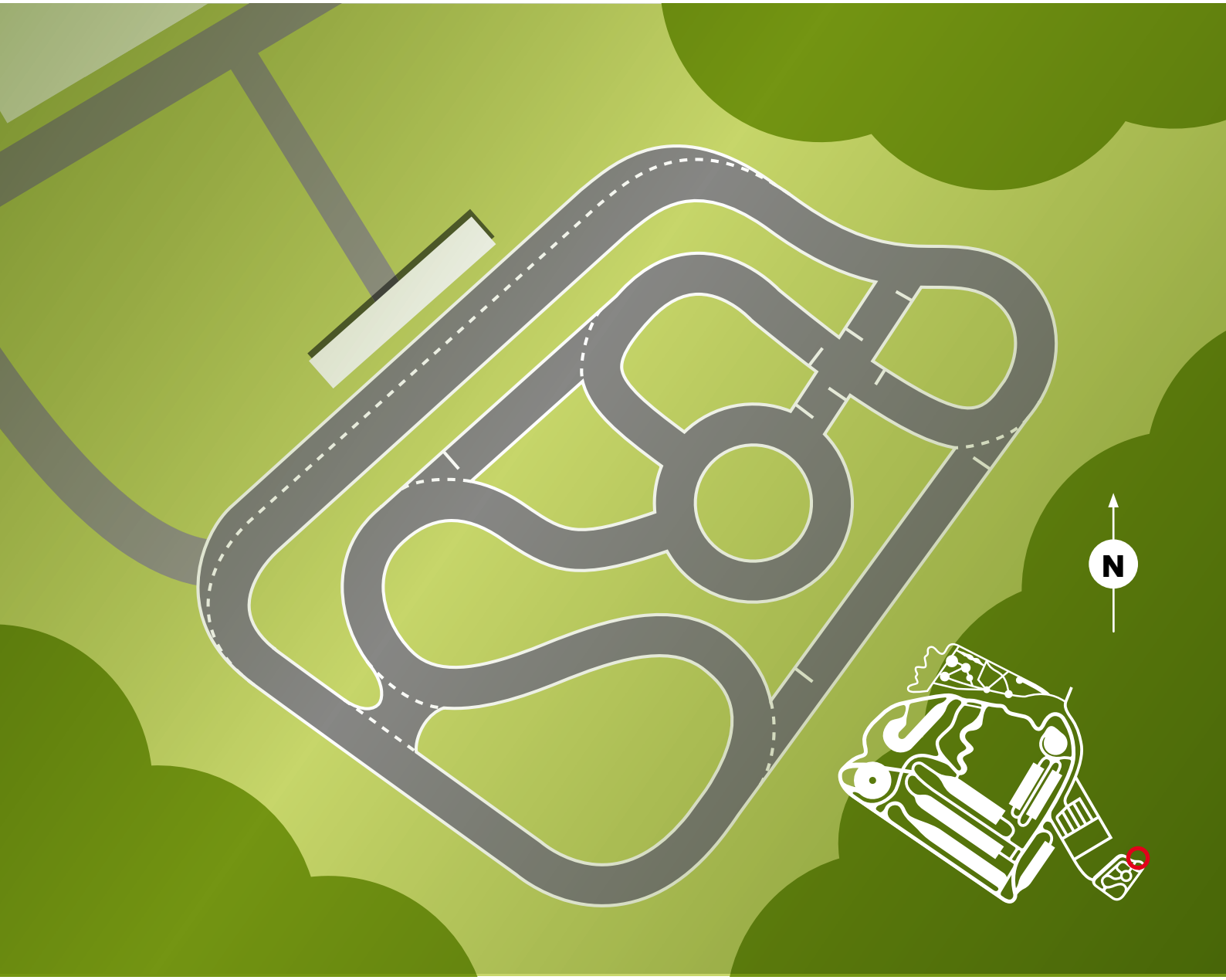
Module 11–13
The circuits

A circuit of 1.6 km circumvents the entire premises of Brandenburg's ADAC centre for driving safety. Anticipatory driving and learning about the ideal line are likely to be among the key topics. During a wet handling course the various irrigation levels are computer-controlled over a distance of 700 m. Here, drivers and vehicles are put to the acid test. Part and parcel of this small circuit is the integrated simulation of lateral aquaplaning – a part of the corner is "flooded" to serve the purpose. The modules 12 and 13 can be used for two parallel driver settings requiring a circular track each.

M11 – Large circuit . . . . . approx. 1600 m
M12 – Small circuit . . . . . approx. 700 m
M13 – Mid-sized circuit . . approx. 900 m

Module 14

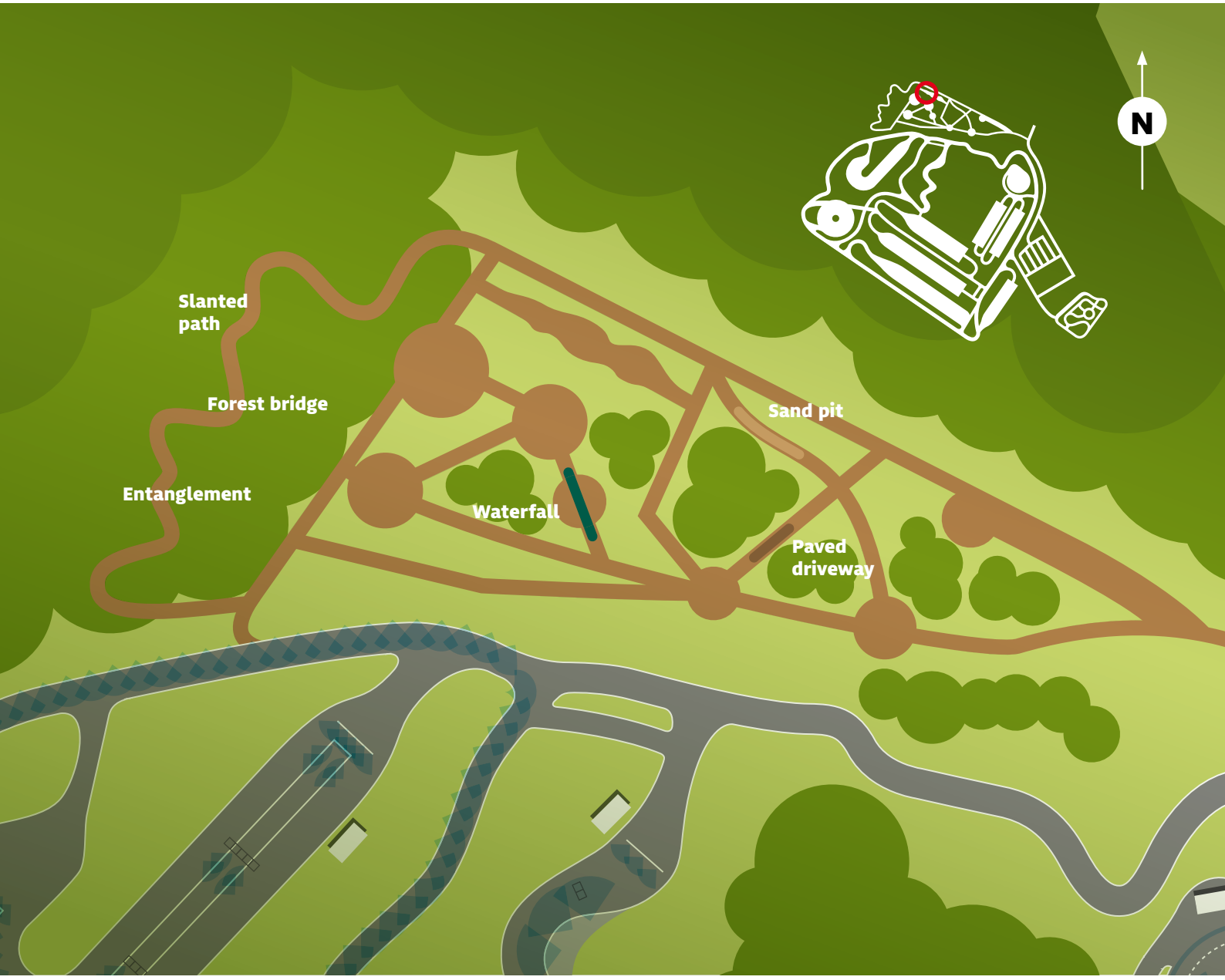
A module for cornering and a karting track



With numerous curves, this module is perfect for practising the contents learned in our motorcycle training. It provides numerous opportunities to put cornering techniques, scanning and ideal lines into practise. The multifunctional character of this module manifests itself, when it proves to be also a magnificent karting track. The special layout of this track and its corners makes karting there an unforgettable experience. In addition, the module is regularly used as Junior Traffic Centre by local primary schools.

Total length of module . . . . . approx. 650 m
Width of module . . . . . 4.7 m–8.5 m

Module 15
The off-road track



The off-road track offers real off-road vehicles the full scope of varied landscapes, including various levels of difficulty. Providing a real off-road experience in an area of 3.5 hectares in total: five extreme gradients, a waterfall, a large variety of entanglements, a "camel's back", a paved slanted path, a slope with a difference of 25 m in height as well as some areas covered with young and high forests.

Size of module	approx. 3.5 ha
Height difference	approx. 20 m

Gradients and distances

24% over a distance of	23 m
40% over a distance of	20.5 m
44% over a distance of	27 m
50% over a distance of	19 m
60% over a distance of	25 m

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