

Continental 

The Future in Motion



UVALDE PROVING GROUNDS FACILITY GUIDE

PAVED SURFACES

1. MAIN TRACK

8.5-mi (13.7-km) Oval

Suitable for testing a wide variety of vehicle components including but not limited to high speed stability, ADAS development, and endurance testing.

- ▶ 3 lanes
- ▶ 3.14-mi (5.025-km) turns
- ▶ 1.1-mi (1.8-km) straightaways

2. VDA PAD

15 Acre Asphalt Pad

State-of-the-art surface that can be used for testing either dry or wet. It can be cone-configured for any test course preference.

- ▶ 800-ft x 800-ft (244-m x 244-m) asphalt pad
- ▶ 100-ft (30-m) paved apron
- ▶ 2 approaches: 2200-ft (670-m); 1800-ft (549-m)

3. RIDE ROAD

3-mi (4.8-km) Multi-lane Oval

Featuring various paved surfaces and impacts for measuring ride comfort, impact dampening, noise, suspension durability, and component quality.

- ▶ 4 lane straightaway
- ▶ Virtually level surface
- ▶ 1432-ft (436-m) curve radius

4. DRY HANDLING 1

1.07-m (1.72-km) Asphalt Dry Course

Includes multiple curves and a straightaway for feel, lane changing, slaloming, and other maneuvers.

- ▶ 6 curve types: 100-ft (30.5-m), to 500-ft (152.4-m)
- ▶ Straightaway: 1200-ft (366-m), 70-ft (21.3-m) wide

5. DRY HANDLING 2

1.8-m (2.9-km) Asphalt Dry Course

State-of-the-art asphalt handling course purposed for tire, suspension, steering, powertrain, and ABS/ESC system evaluation for passenger cars, LTs, SUVs & Motorbikes.

- ▶ 17 turns with varying radii
- ▶ Elevation changes ranging from -2% to +4.1%
- ▶ Racetrack inspired sections. ex. Nürburgring

6. TRACTION LANES

4900-ft (1494-m) Asphalt and Concrete Lanes

Different surfaces used for wet skid, dry skid, and hydroplaning testing. A water trickle system controls waterflow and depth. This track can be used wet or dry.

- ▶ Water depth: Up to .110-in (2.8-mm) and up to .375-in (9.5-mm) in the hydroplaning lane.

7. 200M CIRCLE

650-ft (200-m) Diameter Wet Asphalt Circle

Simulates hydroplaning on wet curves.

- ▶ Water depth: .04-in (1-mm) or up to .4-in (10-mm)

8. 55M CIRCLE

180-ft (55-m) Diameter Wet Asphalt Circle

Used for both objective/subjective evaluations, including vehicle control systems.

- ▶ Water depth: 0.04-in (1-mm)
- ▶ 32.8-ft (10 m) wide

9. WET HANDLING

5100-ft (1555-m) Wet Asphalt Course

This course simulates challenging wet weather conditions encountered on public roads.

- ▶ Water depth: 0.04-in (1-mm)
- ▶ 20 ft (6.1-m) wide

10. NCB-1 *Not Pictured

1.1-m (1.78-km) NVH Surface and Sound Site

One of the few ISO 10844 Certified tracks in North America. Ideal for Passenger and Commercial vehicle regulatory tests.

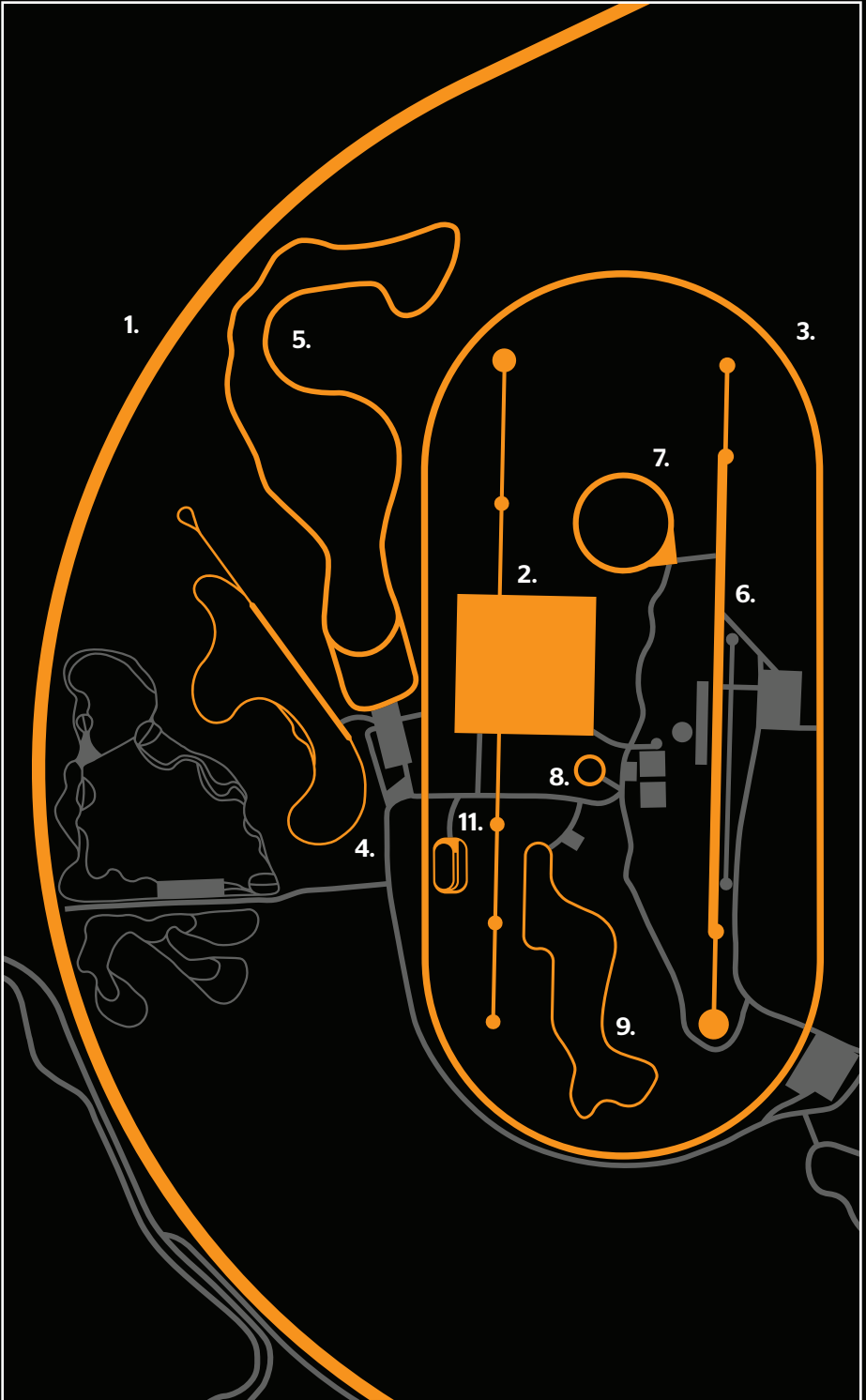
- ▶ 490-sqft sound site
- ▶ 4 turnarounds

11. COBBLESTONE HILLS

131-ft (40 m) Cobblestone Slopes

Features 12%, 7% and 5% wet slopes used for subjective grip tests and objective timed climbing tests.

- ▶ 13-ft (4-m) wide surfaces
- ▶ Made of reclaimed 5 x 7-in (127 x 178-mm) basalt stones



OFF-ROAD SURFACES

12. A - COURSE

2.9-mi (4.7-km) **Triangular Course**

Flintstone surface with a rock and sand base.

13. C - COURSE

.5-mile (.8-km) **Straightaway Course**

Made of large basalt stones. Intended for earthmover tires.

14. E - COURSE

1.1-mi (1.7-km) **Off-Road Handling Course**

Made of compacted native soil. Features an alternative .7-mi (1.1-km) route.

15. F - COURSE

1.5-mi (2.4-km) **Single Lane Oval**

Trap rock and flintstone surface with a limestone base (caliche).

16. G - COURSE

2.2-mi (3.5-km) **Single Lane Course**

Trap rock and flintstone surface with a limestone base (caliche).

17. K2 - COURSE

1.9-mi (3-km) **Triangular Course**

Limestone surface with a crushed limestone base (caliche).

18. N - COURSE

2.5-mi (4-km) **Course**

Flintstone surface with a rock and hard sand base.

19. O - COURSE

Gravel Circle

This bed features various gravel sizes ideal for checking stone retention of tread designs.

20. P - COURSE

2-mi (3.2-km) **Serpentine Course**

Flintstone surface with a rock and hard sand base. Features an alternative 1.1-mi (1.7-km) route.

21. R - COURSE

300-ft (91.4-m) **Straight Mud Course**

Native soil and water.

▶ 20-ft (6-m) wide

22. S - COURSE

Off-Road Handling Course

Native soil featuring a 33% grade concrete hill, large boulder hill climbs, and staggered telephone poles. This course also includes sand, gravel, and mud pits.

23. W - COURSE

Off-Road Handling Course

Rounded pebble surface with a crushed limestone base (caliche).

24. HILL CLIMB COURSE

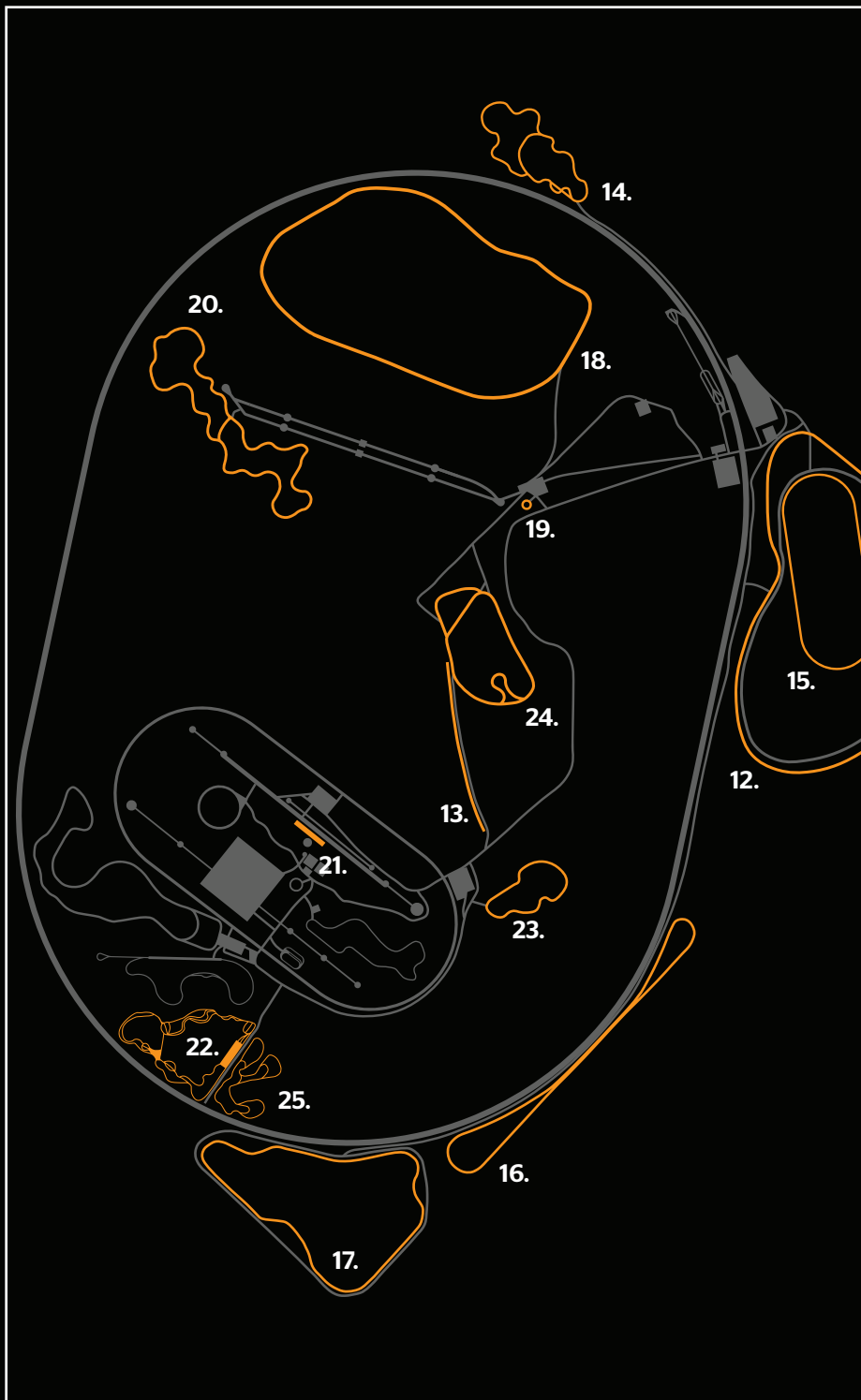
Gravel Course

Features 5°, 10°, and 15° slopes. This track also includes 9° & 15° inclines.

25. BAJA COURSE

Off-Road Handling Course

Native soil serpentine course featuring multiple configurations.



LIAISONS & TECHNICIANS

Liaisons are assigned to each customer while on site to ensure any and all needs are met. If needed, a tire technician can also be assigned with access to our mechanic shop, scales, alignment room, forklift, hoist and other equipment.

SERVICE BAYS

Secure customer bays are available throughout the facility and come complete with a small office, restroom, vehicle lift, multiple power sources, and a range of equipment found in any standard shop. Large bays for commercial vehicles also available.



EV CHARGING CAPABILITIES

Multiple charging units can be found on site with further capabilities available through direct power sources located near customer bays. Custom needs can also be met by our on-site facility team.



CONFERENCE AREAS

Two conference areas are available on the facility: the Alamo Conference room comfortably seats 12 people and the Frio Conference room can accommodate up to 100 people. Both are equipped with projectors and sound. The Frio room includes a kitchen for catering.



EVENT HOSTING

Our team is ready to support you in planning your next big event. From executive meetings to product launches, we can make your vision a reality.





Continental Tire The Americas, LLC.

Uvalde Proving Grounds

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External Business Customer Management

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