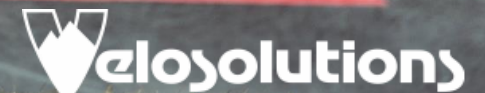


# Irvine Pump Track

Design Consultation  
April 2025



## Who are we?



We are the UK arm of Velosolutions, global pump track design and construction specialists. We have built over 80 pump tracks in the UK and over 800 tracks worldwide in over 30 countries including Switzerland, South Africa, Chile, India, and New Zealand.

You can find more details of our work on [velosolutions.com](https://velosolutions.com) and the locations of all of our tracks on [pumptrack.com](https://pumptrack.com)







## Project Overview

- The vision for this project is to create a fit for purpose pump track to provide a safe and progressive facility for all local users to enjoy
- The pump track is to cater for all ages, abilities and wheel types.
- Velosolutions UK have been appointed to design and build the pump track.
- This consultation will help us develop the design to ensure it meets the needs of the local community.



# Project Brief

**Design** to allow for  
**progression** and **inclusivity**

- *Caters to a range of ages and skill levels*
- *Encourage development*



# What is a pump track?

A pump track area is designed for all things on wheels. From BMX and mountain bikes to skateboards, scooters and roller skates.

Riders generate speed by 'pumping' (pushing down) on the back side of the rollers.

They typically cater for a wide range of abilities. As a beginner you can simply roll through the undulations, but as your skills improve and speed increases you can build up to are more challenges, such as jumps and transfer lines.



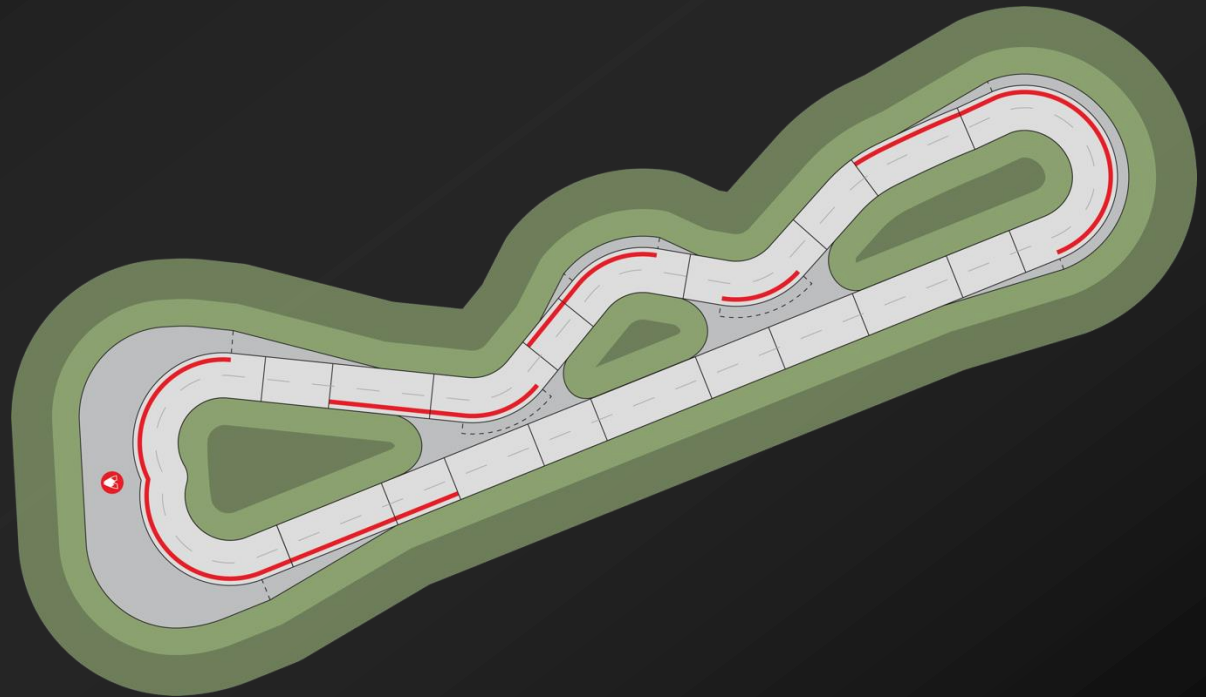


## Design Concept

Footprint of the track  
— 100m track

### Legend

-  Asphalt Area
-  Amenity Turf
-  Safety Line



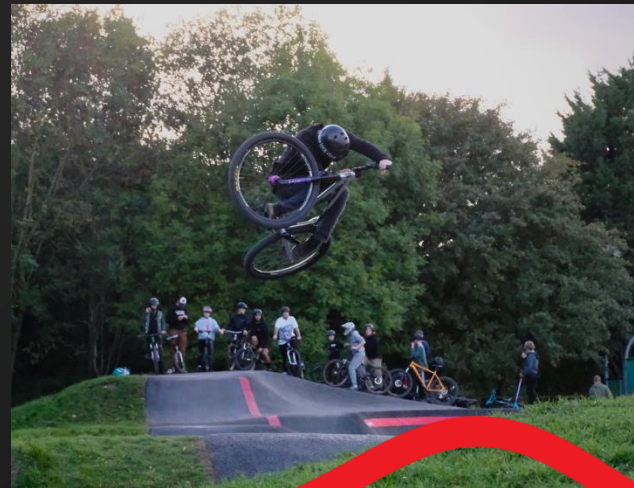
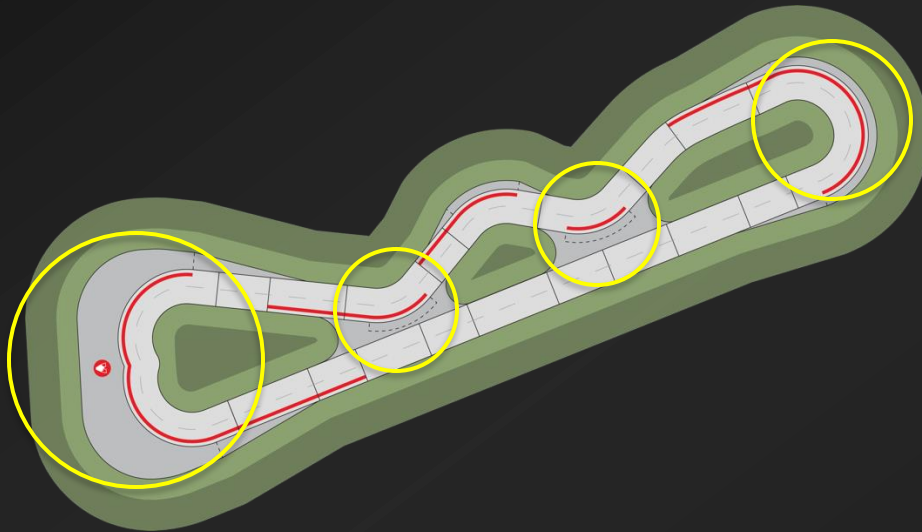




## Design Concept

### Rest Areas

- *Elevated above the track level to provide users and spectators good views across the track*





## Design Concept

### Rolling Features

- Various height features with rollers, doubles, triples, quads, step ups, step downs – all designed with progression in mind



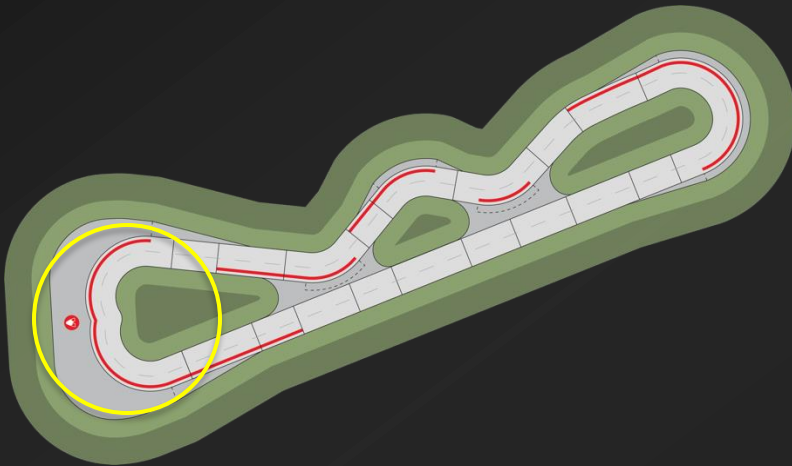




## Design Concept

### Double Berm

- *Additional element with an extra pumping roller in the middle*

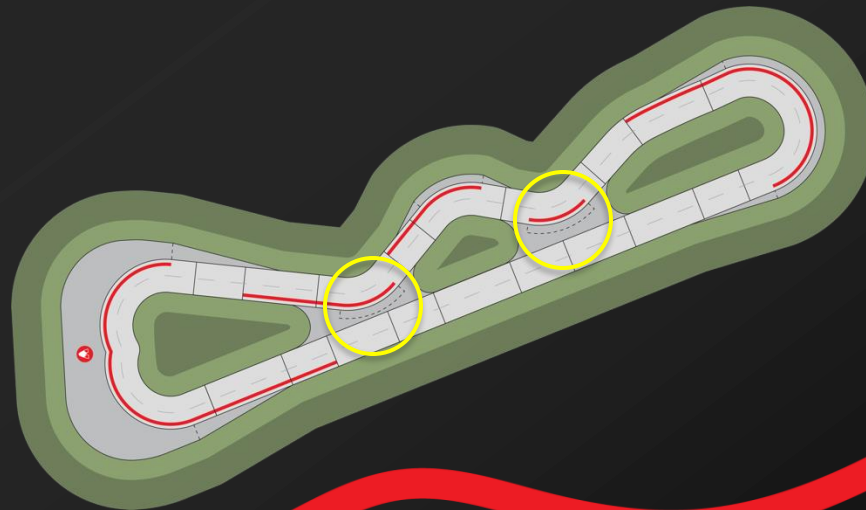




## Design Concept

### Transfer Lines

- *Interconnected design allows for transfer line options and creative riding*







## Design Concept

### Berms

- Concave shape with a shallow gradient at the base and increasing slope
- Progressively shaped to allow both beginners and experts to maintain and generate speed
- We make no compromises on the size and steepness of our berms



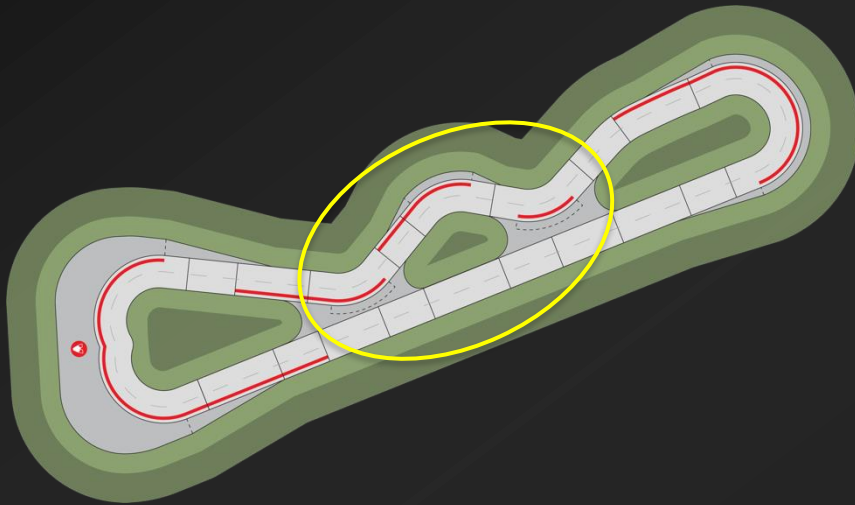




## Design Concept

### S Corners

- *Swooping back to back S-corner provides a variation and allow riders to be playful with the track and hone on cornering skills*





## Design Concept

### All Wheeled Facility

- The nature of pump tracks and the smooth custom mix asphalt surface inevitably caters for a wide range of wheels







## Feedback



We welcome your feedback on the design outlined in this presentation.

We would be happy to hear your thoughts on what you like and why. Please complete the online survey at  
<https://www.surveymonkey.com/r/T9VDHQ2>

by Monday 25<sup>th</sup> April 2025

