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7 Laurence street,  
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**CLIENT**  
Mid-Western Regional council  
86 Market street  
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**PROJECT**  
Glenwillow Park  
Pump/Jump park

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**ISSUE**  
July 2023

**RE-ISSUE**

**DESCRIPTION**  
Cover





Glenwillow Regional sports complex is a comprehensive sporting facility lying to the north of the Mudgee township, NSW. The venue features facilities for both competitive and recreational sporting activities along with an off-leash dog area.

The specific site for the proposed Pump/Jump park lies to the south of the Glenwillow facility with good access from the township via a bridge and park across the Cudgegong river.

Natural surveillance of the site, outside of peak sport times appears relatively low and as such importance to design the facility to specifically appeal to families to attend, would appear important.

Features such as table tops for junior riders and a diverse range of features play an important part in making a facility appeal to a wider range of user and as such seeing higher levels of ongoing attendance. Hence creating a natural level of surveillance through usage.



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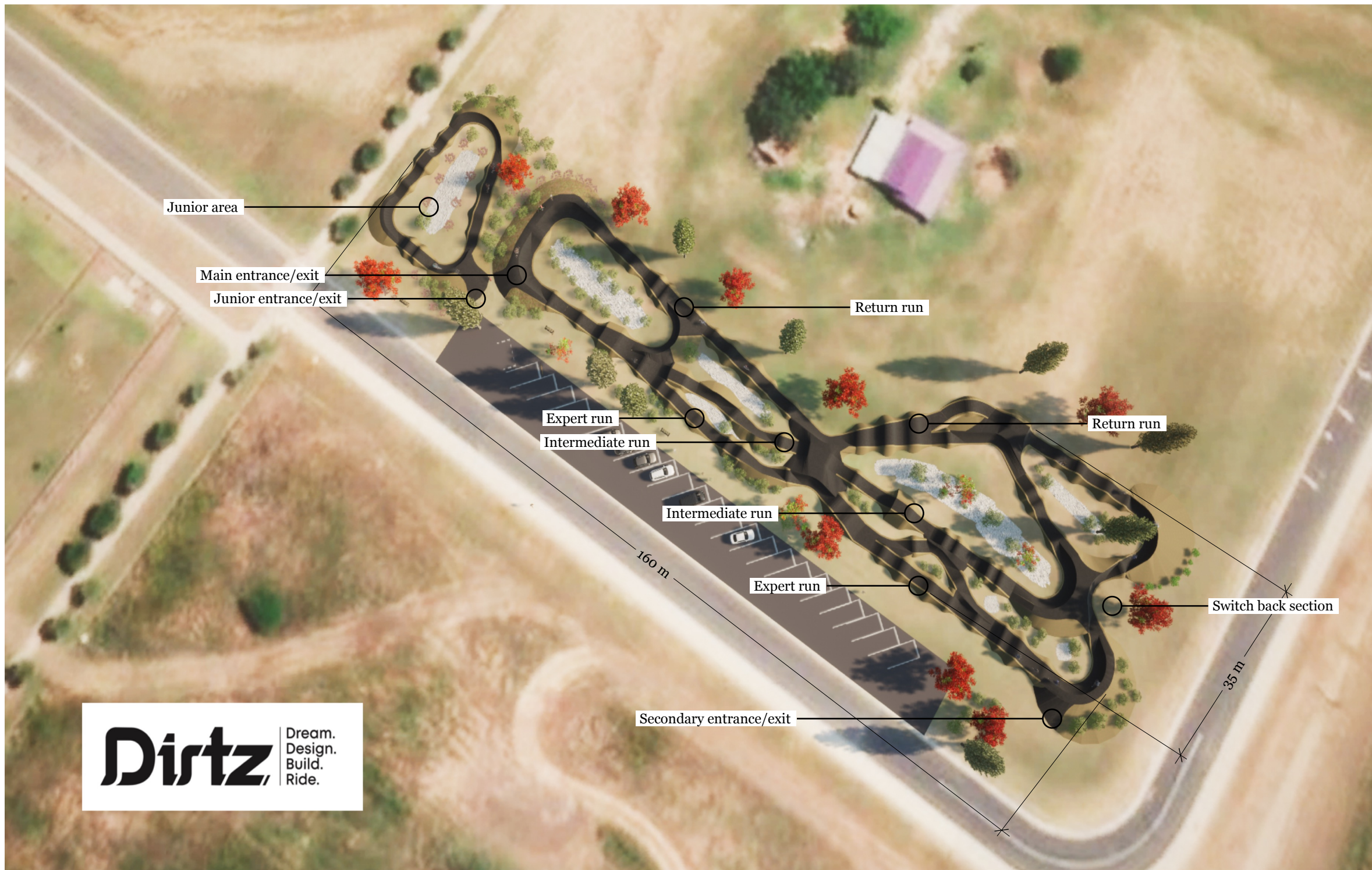
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**DESCRIPTION**  
Aerial concept 1



The Pump/Jump park is separated into separate runs.:

- Junior area
- Intermediate run
- Expert run; and
- Common return rhythm line

Riders can change from Intermediate to Expert and back utilising transfer areas

Average treadpath width is 2.0m with transfer areas being wider

Drainage is proposed to be surface utilising header walls and naturally landscaped swales



The Glenwillow Pump/Jump park, Concept 1 has been designed to maintain interest. Dirtz experience has established that pumptracks solely focused on pumping alone, gain interest when first opened then see significantly reduced attendance as time passes. The result being a facility that represents poor investment. This is simply because 'rolling around a loop' is only going to be fun for so long. Generally children will continue to attend a facility if it continues to challenge them or offers the opportunity to place something on Instagram or other social media platforms. Even the simplest of Table top jumps still offer the opportunity for a young novice rider to safely get their wheels in the air. Additionally we have found that too many corners quickly lead to reduce attendance at a facility. Especially 180 degree corners., This can be attributed to the fact that only a small number of riders can corner and maintain or gain speed whilst doing so, it also doesn't offer the chance to get their wheels in the air as easily (unless part of a transfer section).

The design aims to appeal to the widest possible audience whilst still addressing the key points we know create a successful facility that will maintain interest over time.



Dirtz preference for landscaping Pumptracks is the utilising of native Australian plants, specifically those native to the location. Whilst this option does not always look as good as turf on handover, one year later and onwards the facility only continues to look better and importantly requires minimal maintenance from the asset owner.



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**DESCRIPTION**  
Isometric 3 concept 1





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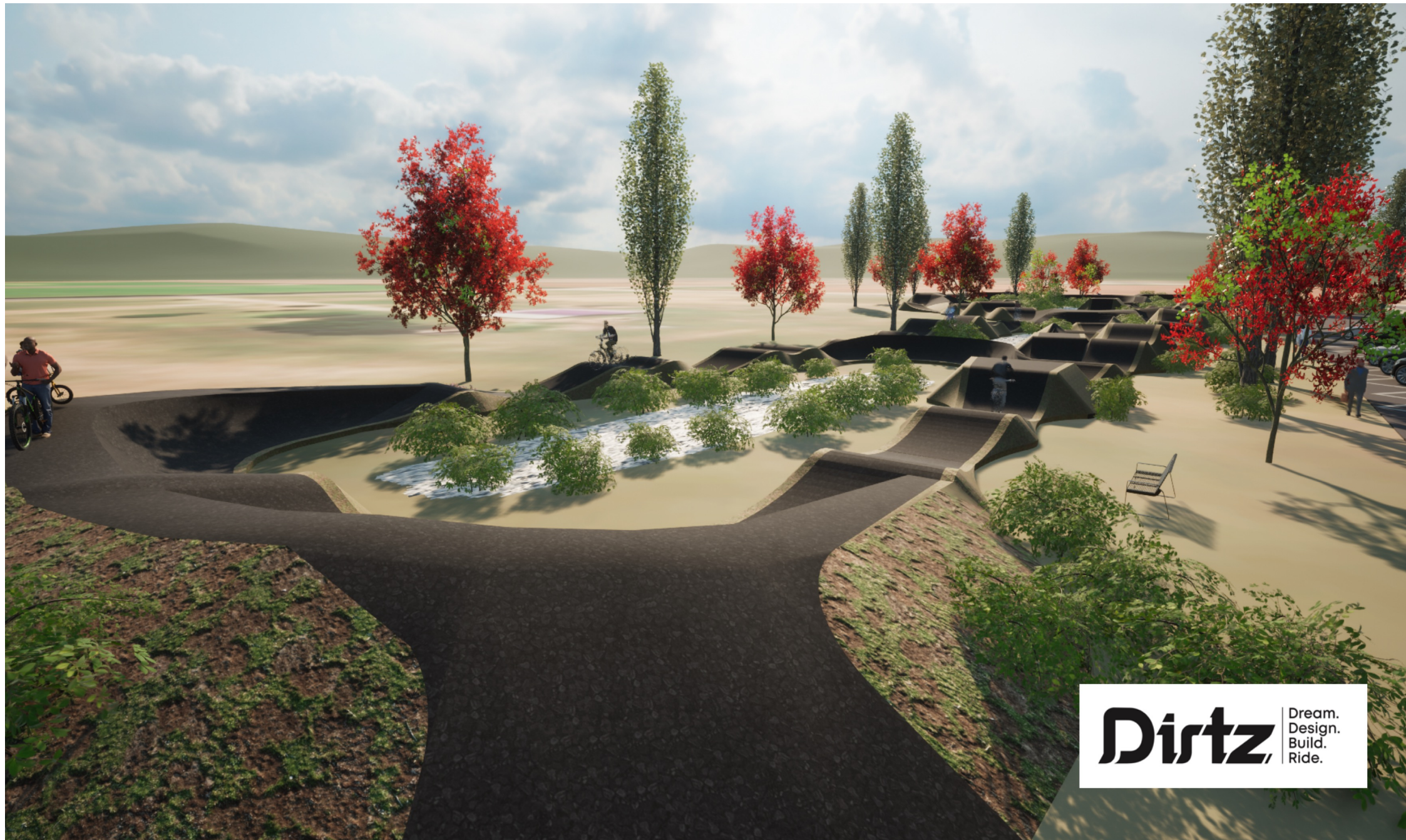
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**DESCRIPTION**  
Ground View 2 concept 1





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**DESCRIPTION**  
Aerial concept 2



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**DESCRIPTION**  
Aerial labelled concept 2

The Pump/Jump park is separated into separate runs.:

- Junior area - at front of facility
- Intermediate run
- Expert run (at back of facility); and
- Common return rhythm line

Riders can change from Intermediate to Expert and back utilising transfer areas

Average treadpath width is 2.0m with transfer areas being wider

Drainage is proposed to be surface utilising header walls and naturally landscaped swales



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**DESCRIPTION**  
 Isometric 1 concept 2

The Glenwillow Pump/Jump park, Concept 2, like Concept 1 has been designed to maintain interest. However the Junior area has been placed at the front and centre of the facility giving parents with younger riders an excellent view of their younger children. Whilst the Expert run has been placed at the rear of the facility. Whilst Concept 2 is lesser in overall length the addition of switchback sections between the Expert and intermediate runs allows for an increased number of options and transfers.

Once again the design aims to appeal to the widest possible audience whilst still addressing the key points we know create a successful facility that will maintain interest over time.



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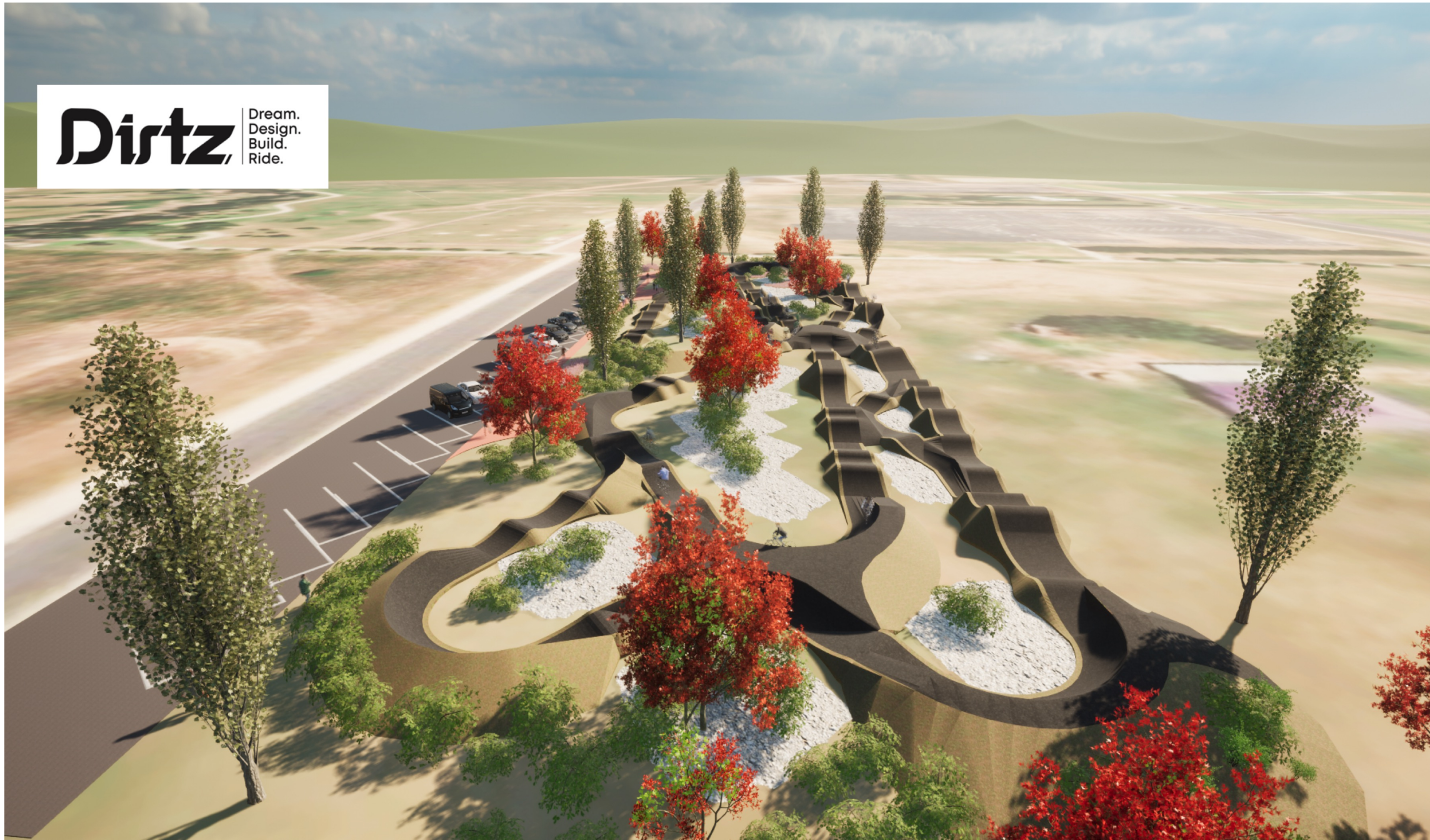
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**DESCRIPTION**  
Isometric 2 concept 2



**Dirtz** | Dream.  
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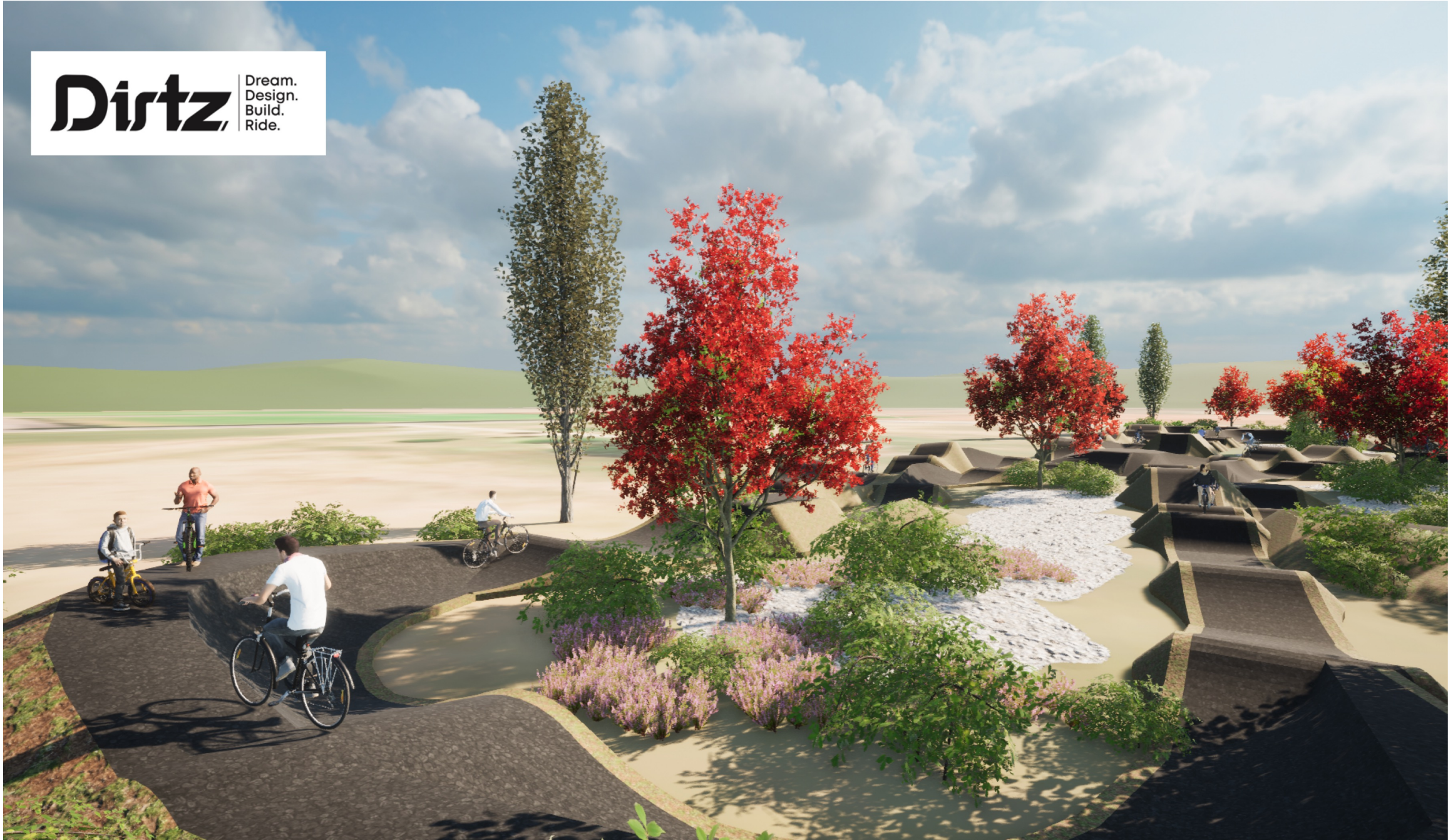
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Ground view 1 concept 2



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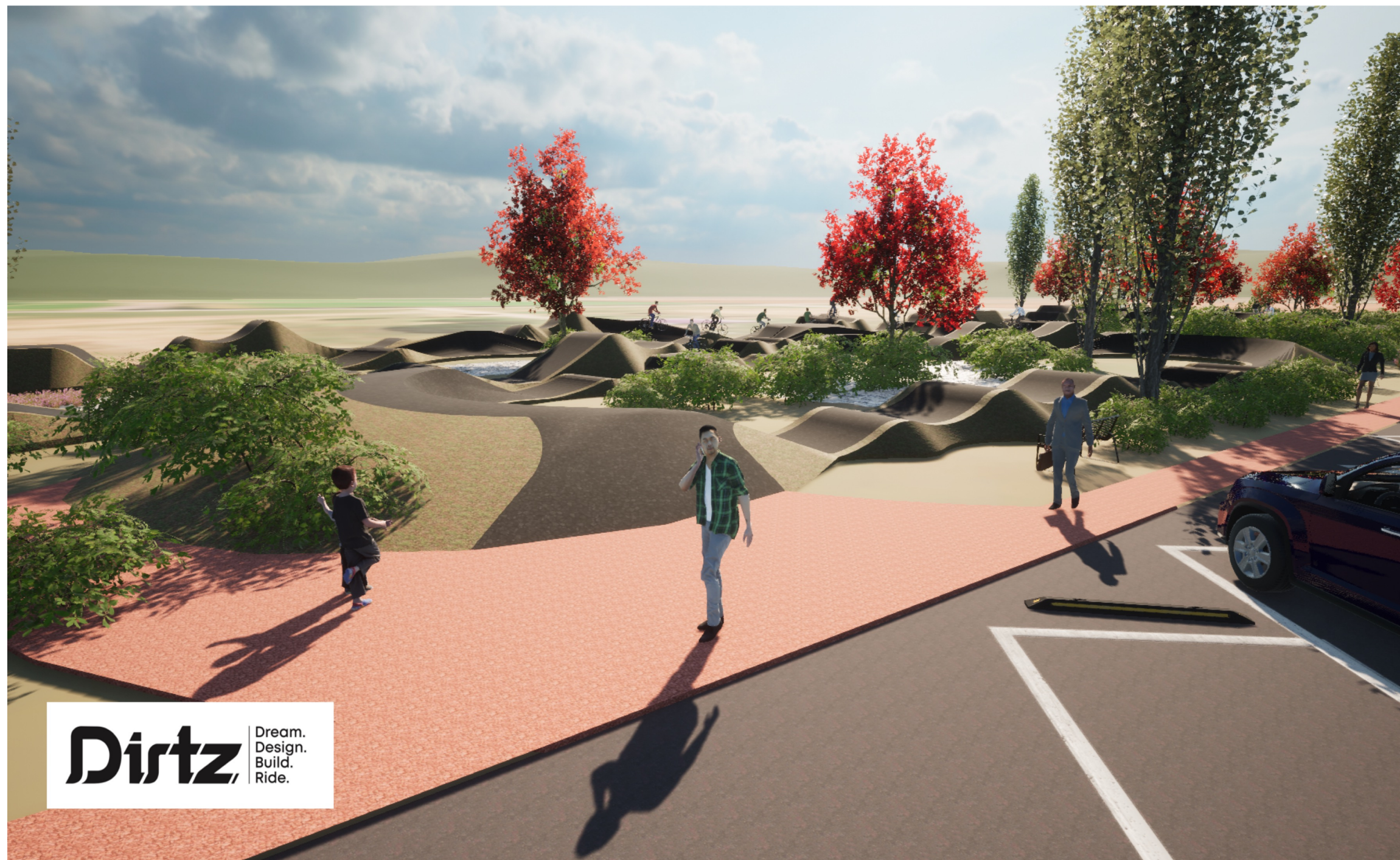
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