Mountain Air Bike Skills Course Redevelopment

Open House

Preliminary Concept Plan

The Mountain Air Bike Skills Course is a popular destination that attracts riders and families from near and far.

The City of Burnaby is seeking to redevelop the course with durable materials that will handle heavy use. In addition to longevity, the redevelopment will include character features that appeal to multiple riding styles and all skill levels.

Please share your comments on the proposed design for the new and improved bike skills course.

LEGEND

1. Drop-In Staging Area
2. Viewing Area
3. BMX Section
4. Flow Trail Section
5. Jump Line Section
6. Pump Track Area
7. Bike Amenity Station
8. Bike Return Trail
9. Pedestrian + Bike Trail

SKILL CLASSIFICATION

- Advanced
- Intermediate
- Beginner

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AXIS MOUNTAIN TECHNICAL

City of Burnaby

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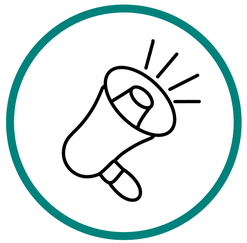
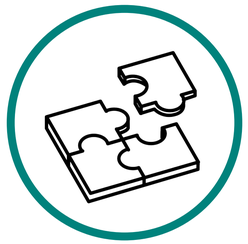
Project Timeline



SPRING 2022

SUMMER 2022

AUGUST 2022



FALL 2022

SPRING/SUMMER 2023

LAUNCH

- Goal Setting
- Background Research

EXPLORE

- Precedent and Site Analysis
- Design Intentions
- Schematic / Concept Design

LISTEN

- Public Engagement
- Public Survey
- Open House
- Concept Design Feedback

SYNTHESIZE

- Revise Plans Based on Open House Feedback
- Develop Details and Layout Design
- 2nd Public Survey

FINALIZE

- Finalize Plans and Details
- Construction date TBD

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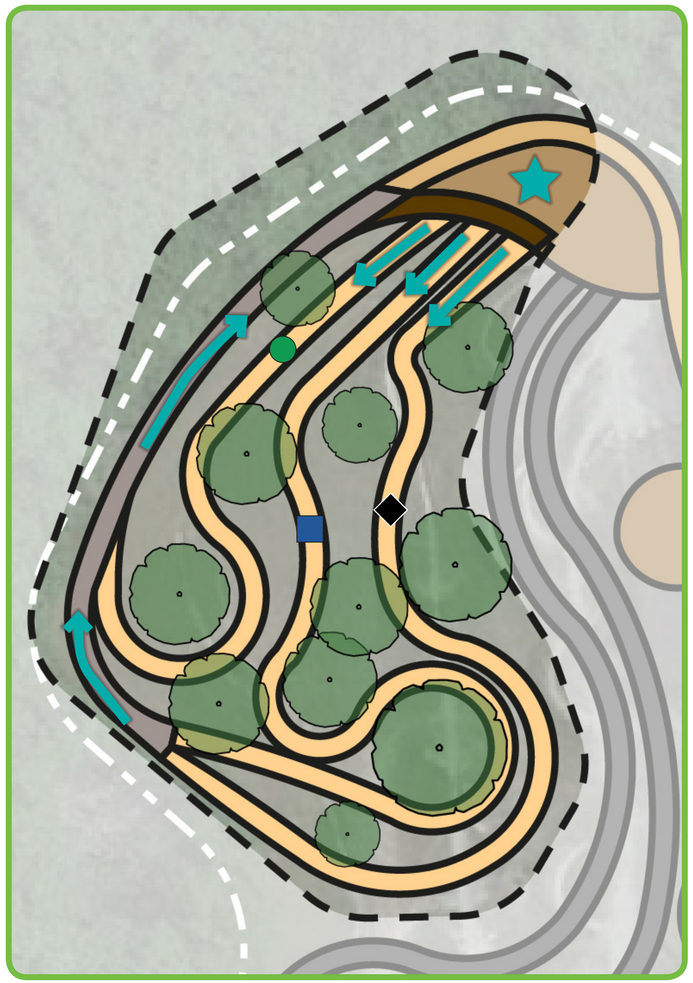
BMX Section

Mark your favorite features!



PLAN

Legend

- Beginner
- Intermediate
- Advanced

CLAY BERM

CLAY QUARTER PIPE AND JUMP

BEGINNER BMX FEATURES

ROLLERS

The Mountain Air Bike Skills Course includes a new section for BMX riders. As tree planting matures, the dirt trails will carve through a forested landscape. Berms and jumps allow riders to carry momentum and return through a gradual loop. Jump lips and landings may be reinforced with composite or rubber surfacing to decrease erosion; however the primary surface will remain dirt tack.

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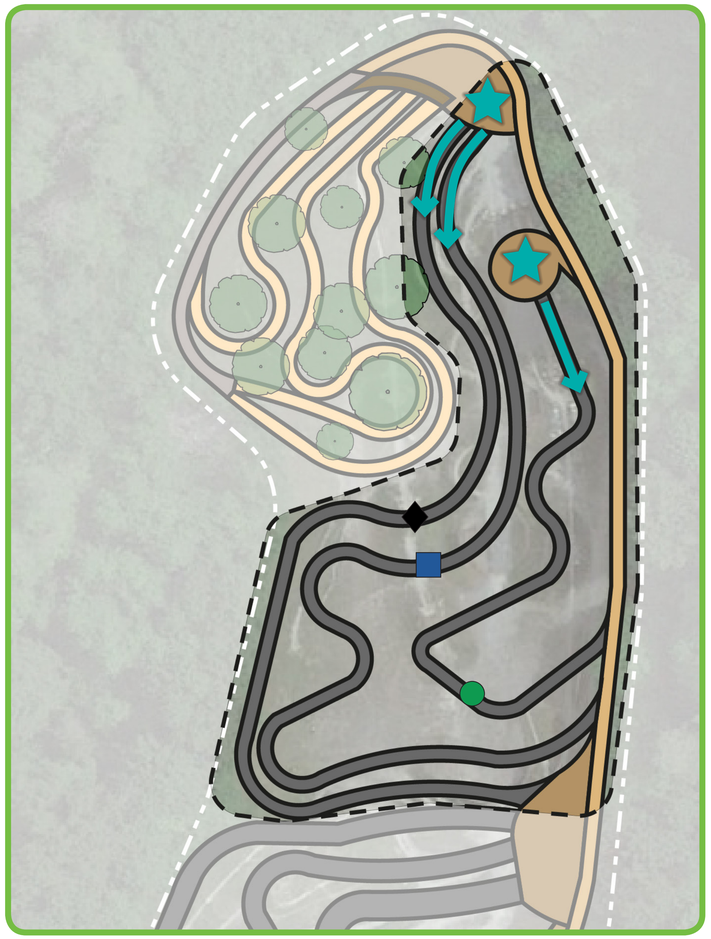
Flow Trail Section

Mark your favorite features!



PLAN

Legend

- Beginner
- Intermediate
- Advanced

CURVED WOODEN BERM

VIEWING BRIDGE / GOPRO STATION

SWITCH BACK BERMS

FLAT WALL RIDE

The proposed flow trails at the new Mountain Air Bike Skills Course cover nearly two-thirds the length of the course to extend the riding experience. Three lines of progression are provided with more advanced jumping skills required on the blue and black lines. Flow trails will include composite wooden features for quick hits and safe pull-outs for action camera shots.

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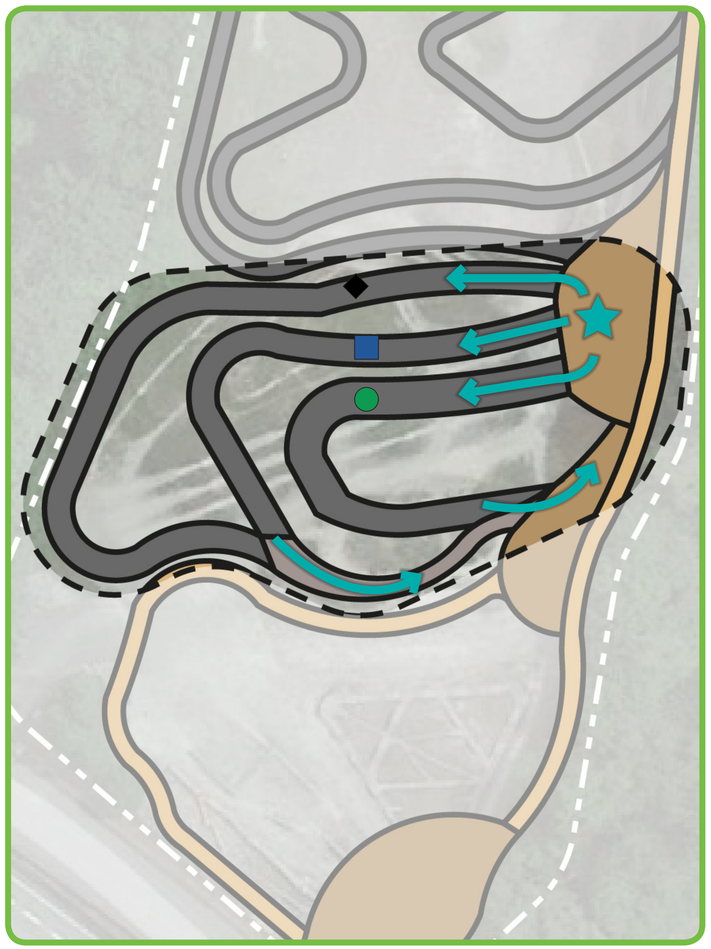
Jump Line Section

Mark your favorite features!



PLAN

TABLE TOP JUMPS

WOODEN DROP-INS

TAKE OFF RAMP WITH RUBBER LANDING

DROPS AND GAP JUMPS

The jump line section includes an enhanced drop-in zone for viewing and socializing. Interaction between riders supports skill development and enhances the experience for all who visit Mountain Air Bike Skills Course.

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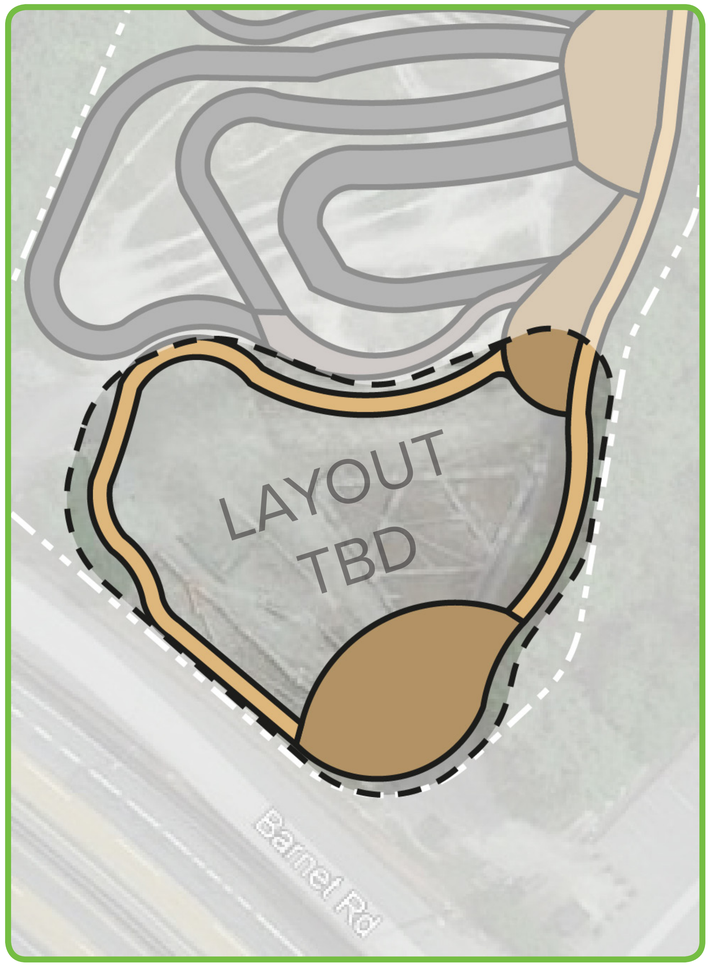
Pump Track Area



PLAN

Mark your favorite features!

MODULAR PUMP TRACK INTEGRATED IN LANDSCAPE

ASPHALT PUMP TRACK WITH ARTIFICIAL TURF

CONCRETE PUMP TRACK WITH NATURAL GRASS

WOODEN FEATURES INTEGRATED IN PUMP TRACK

The new pump track is proposed to be constructed out of asphalt or concrete. To reflect the character of the existing wooden pump track, interior track loops and adjacent technical features will be constructed from composite wood for durability and low maintenance.

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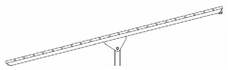
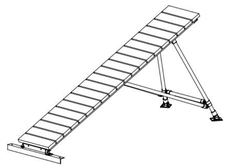
Potential Technical Features

Mark your favorite features!

Teeter-Totter



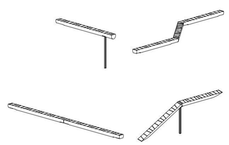
Cannon

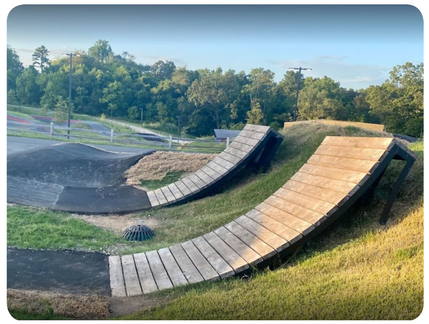


Satellite

Double-Bubble

Skinnies

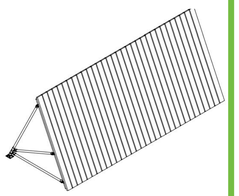




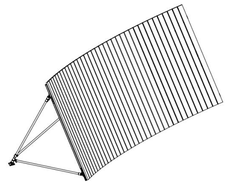
Roaster

Rainbow

Flat Wallride



Curved Wallride



BEGINNER / INTERMEDIATE

INTERMEDIATE / ADVANCED

ADVANCED / EXPERT

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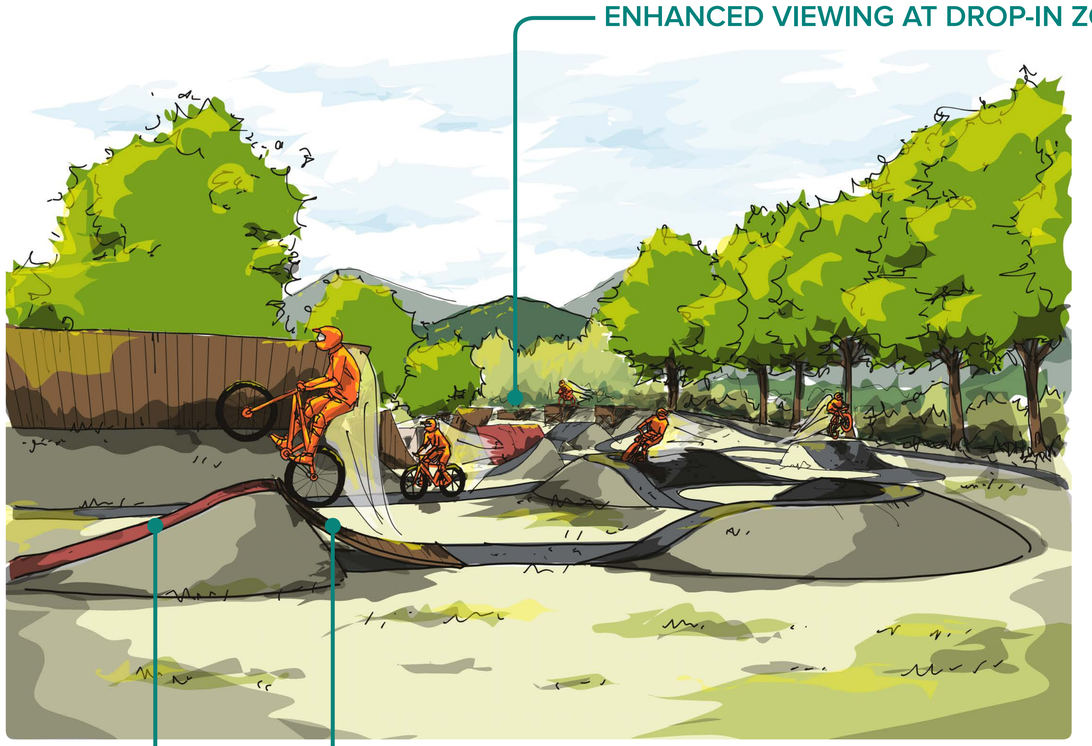

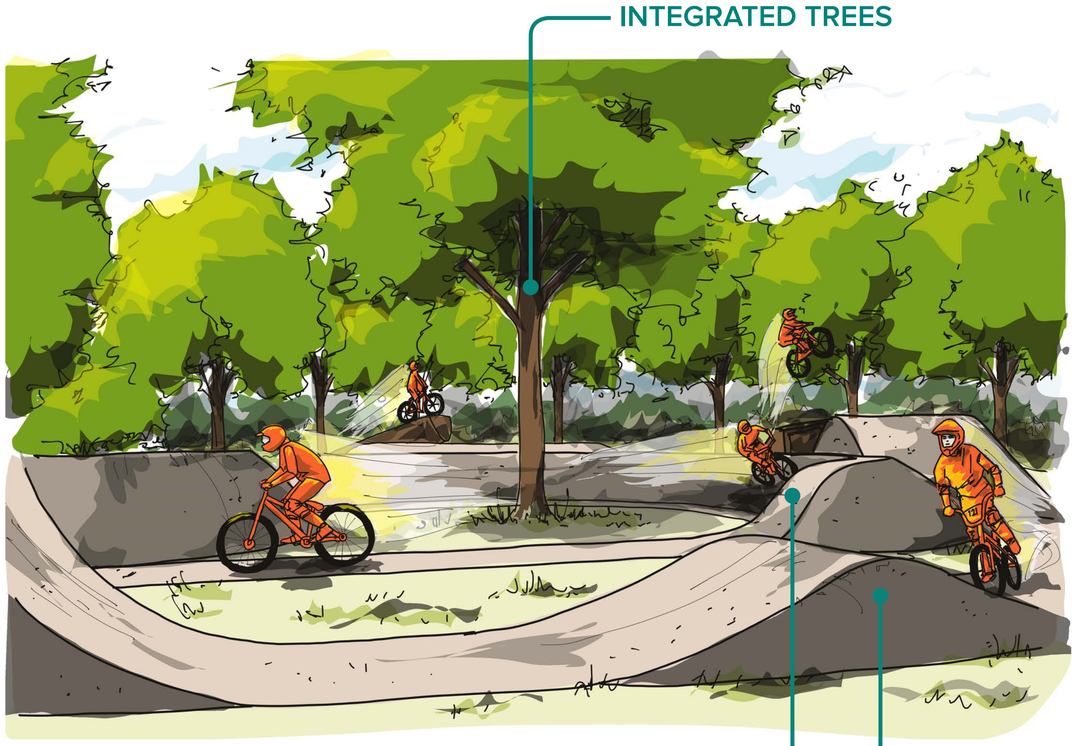

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