



BRUNSWICK VELODROME BIKE PARK\_CONCEPT DESIGN

06/09/2023

 **elosolutions**  
Pumptracks & Bike Parks  
Australia





EXISTING FEATURES

- 1\_ BRUNSWICK CYCLING CLUB PAVILION EXISTING
- 2\_ VIEWING STANDS WITH CANOPIES EXISTING
- 3\_ ORIGINAL KIOSK AND STORAGE CURRENTLY UNUSED
- 4\_ CONCRETE BANKED TRACK STARTING & FINISH LINE EXISTING
- 5\_ CONCRETE DUCKBOARD EXISTING
- 6\_ VIEWING AND EVENT TERRACE EXISTING
- 7\_ ACCESS TO INFIELD VIA BANKED TRACK AND GATE
- 8\_ EXISTING FLOODLIGHTING TO BANKED TRACK FOR NIGHTTIME USE
- 9\_ EXISTING JUDGING PLATFORM IN STEEL AND PLYWOOD
- 10\_ CONNECTING ROUGH CONCRETE PAVING BETWEEN TRACK START AND FINISH FOR RACE MANAGEMENT
- 11\_ TRACK EXIT CHUTES CURRENTLY VERY TIGHT
- 12\_ INFIELD CURRENTLY TURFED WITH DRAINAGE OUTLET TO CREEK



The existing facility at Roberts Reserve is the Brunswick Velodrome, the home of Brunswick Cycling Club. Both the Club Pavilion (1) and the outdoor velodrome are very well used by the club members for events as well as the local public for training and recreation.

The Merri Creek cycle paths run past and around the velodrome and provide walking and cycling access to the facility. The Club Pavilion has limited parking adjacent and the local roads Harrison Street and Galada Way provide further casual parking opportunity.

The surrounding buildings to the West and South include low and medium density housing respectively, while Jones Park lies immediately to the South-West of the site and Northcote Public Golf Course is on the Darebin City side of Merri Creek to the East. Immediately to the North of the velodrome is a small area of Roberts Reserve which is grassed and connects the streets to the Creek corridor.

The banked oval track is of painted concrete in good condition, with two start and finish straights (4) and 2 highly banked turns at East and West. A 1m width flat duckboard run-out sits within it (5). Access to the track is via terracing (6,7), both shaded and unshaded, alongside the northern side of the track (2). The original kiosk building adjacent to the track entry gate is disused but intact. This displays street art on its walls and has roller shutter openings to the entry way (3).

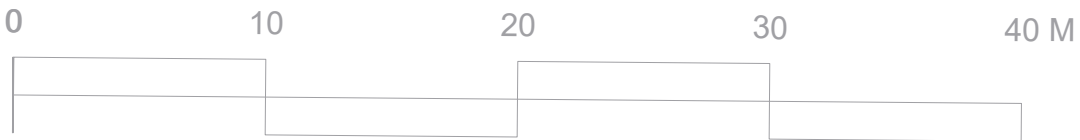
The existing infield of the banked track is currently grassed (12), with drainage grate towards the Eastern end alongside the concrete paved crossing path for track use between opposite straights (10). This is used in training and race events for queued starts. The turfed area within the paved duckboard is used by riders, especially novices, for run-out area from the track, given track riders are usually brakeless.

Brunswick Cycling Club has realised the need to diversify the facility for both its members and the community to encourage participation in all disciplines of cycling. The provision of international standard facilities in the urban environment given the popularity of mountain biking and BMX among young riders is expected to increase their exposure to track and road cycling of established riders and enjoy their development of these further cycling skills. This will ensure the sustainable participation of all generations of the community in cycling as a whole.

The proposal is to develop the infield area for the following further cycling facilities:

- \_an all-weather all-wheel pump track of international event standard, usable for all rider levels;
- \_all weather jump lines for beginner and intermediate level riders;
- \_central plaza providing coaching and space for young and novice riders, and event management capacity for club and community;
- \_flexible area for Cyclocross (CX) and Mountain bike (MTB) skills features and urban CX/MTB race events
- \_improvement of banked track access and use by infield run-out area and circulation paving, as well as event judging position
- \_shading canopies within the infield for users in all weather
- \_provision of effective access to the infield from outside the track for all users, allowing track events and recreational use concurrently.

**cycle path access: via Merri Creek Trail and through B.C.C.**  
**sightline from pavilion and terrace**



A		9/04/2021	BRIDGE ACCESS REQUESTED TO BE REMOVED FROM THE CURRENT PROJECT SCOPE.	
REVISION	DATE	NOTE	PROJECT #	32-0002
PROJECT			BRUNSWICK VELODROME BIKE PARK	DWG #
CLIENT			BRUNSWICK CYCLE CLUB	DATE # 6/03/2023
DWG			Existing site	SCALE @ A1 1:1
				DRAWN VF
				CHWD PS REVISION A





- ZONE A\_ PUMP TRACK AND JUMP LINES**
- ZONE B\_ CENTRAL COACHING PLAZA  
AND KIDS AND ADAPTIVE RIDING PUMP TRACK**
- ZONE C\_ CX AND MTB SKILLS AREA**

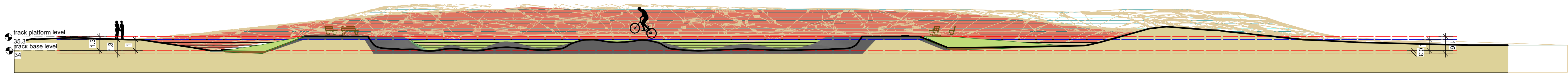
- 1\_BRUNSWICK CYCLING CLUB PAVILION EXISTING  
2\_VIEWING STANDS WITH CANOPIES EXISTING  
3\_ORIGINAL KIOSK AND STORAGE TO BE RENOVATED FOR BIKE PARK USE  
4\_CONCRETE BANKED TRACK STARTING & FINISH LINE EXISTING  
5\_CONCRETE DUCKBOARD EXISTING WITH NEW TURFED 3m WALKING/RUNNING TRACK SAFE FALL BUFFER  
6\_VIEWING AND EVENT TERRACE EXISTING  
7\_CROSS-TRACK ACCESS TO INFIELD WITH NEW GATE ARRANGEMENT FOR CLEAR TRACK VISIBILITY  
8\_NEW JUDGING PLATFORM WITH CANOPY FOR RACE MANAGEMENT  
9\_ENTRY TO CENTRAL PLAZA WITH CANOPY FOR RACE MANAGEMENT  
10\_TRACK EXIT CHUTES AND BANKED TRACK WAITING AREAS  
11\_SUN SHADE/RAIN CANOPIES FOR RIDERS AND SPECTATORS  
12\_LARGE SOCIAL START PLATFORMS WITH SEATING  
13\_DRINKING FOUNTAIN  
14\_SEATING TO PLAZA AND START PLATFORMS  
15\_BIKE MAINTENANCE AREA FOR PUBLIC USE  
16\_KIDS/ADAPTIVE PUMP TRACK WITHIN PLAZA FOR COACHING AND EVENTS  
17\_TURFING IN DRAINAGE BOWLS FOR SAFE FALL AND SUSTAINABLE MICROCLIMATE CONTROL  
18\_LARGE TURFED BATTERS AROUND PUMP TRACKS FOR CX AND MTB COURSE USE  
19\_SIGNAGE WITH GUIDANCE FOR USE OF BIKE PARK  
20\_RAMP ACCESS @1:14 FOR USE BY WHEELCHAIR AND AMBULANT



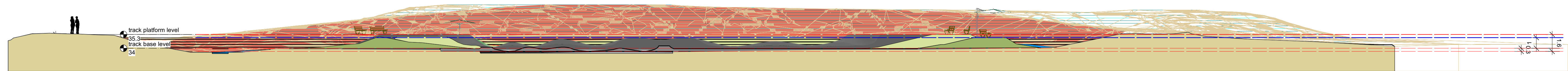
REVISION	DATE	NOTE	PROJECT #
PROJECT		BRUNSWICK VELODROME BIKE PARK	32-0002
CLIENT		BRUNSWICK CYCLE CLUB	DWG #
DWG		Proposed Site Concept plan	CD02
CHND			REVISION

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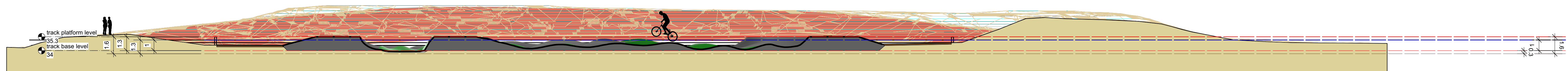




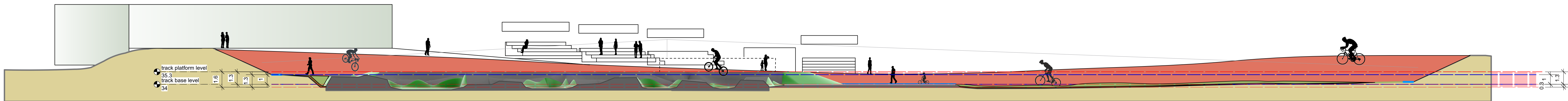
2 Section A2  
Scale: 1:200



3 Section B  
Scale: 1:200



4 Section A1  
Scale: 1:200



1 LONG SECTION THROUGH SITE  
Scale: 1:200



REVISION	DATE	NOTE	PROJECT #
PROJECT			BRUNSWICK VELODROME BIKE PARK
CLIENT			BRUNSWICK CYCLE CLUB
DWG			Sections
DATE #	6/09/2023	DWG #	32-0002
SCALE @ A1	1:200	CD03	
DRAWN	VF	PS	REVISION
CHKD			





REVISION	DATE	NOTE	PROJECT #
PROJECT			32-0002
CLIENT	BRUNSWICK VELODROME BIKE PARK	DATE #	6/05/2023
	BRUNSWICK CYCLE CLUB	SCALE @ A1	1:200
DWG	Drawn	VF	CD04
CHWD	PS	REVISION	





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**LET'S MAKE SPORTS ON WHEELS ACCESSIBLE, FOR  
EVERYONE – EVERYWHERE.**