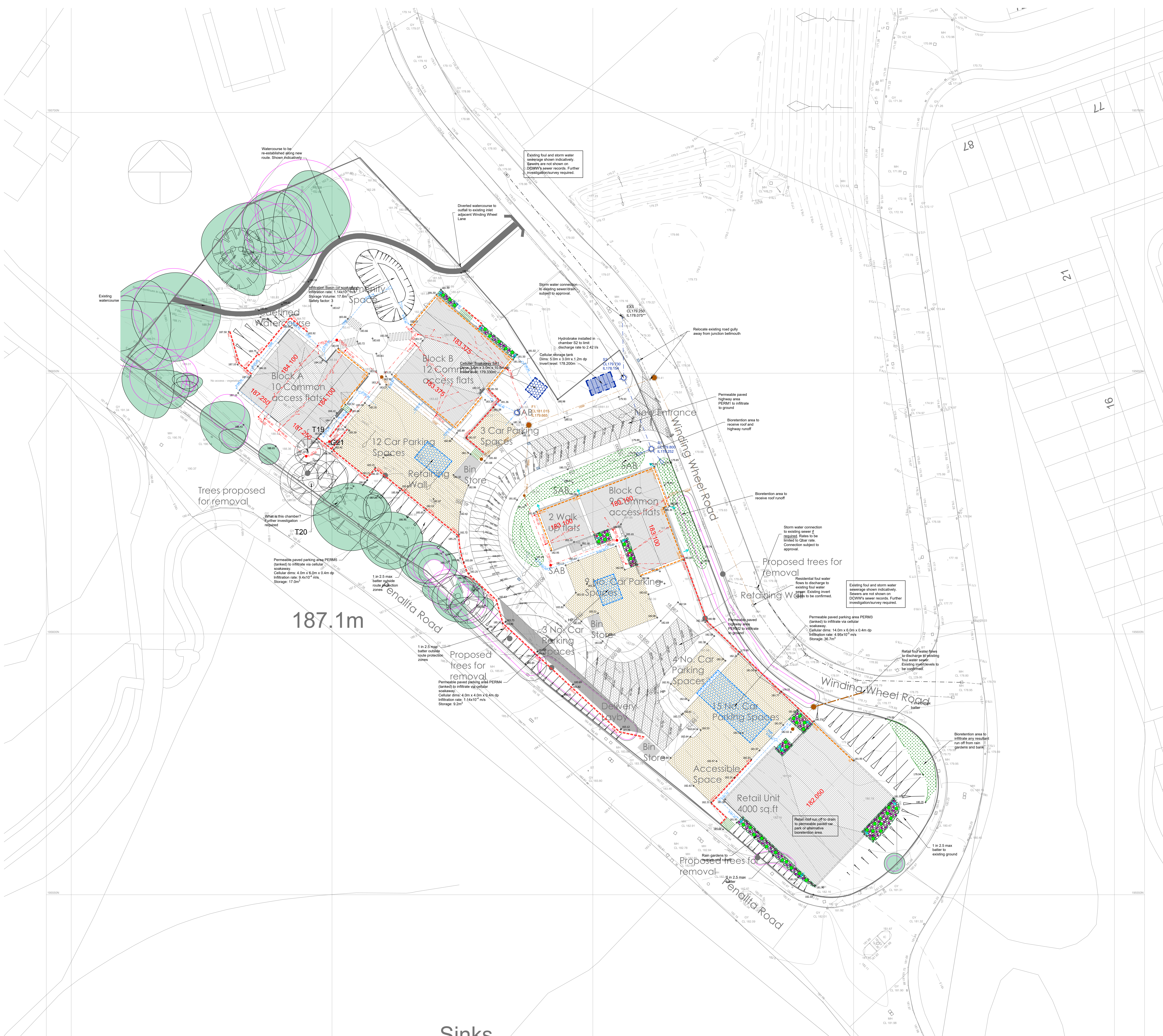


- Notes
- All information provided on this drawing is intended for preliminary / planning pre-application purposes only.
 - The drawing is based upon limited information provided. As such, it is advised that detailed discussions should ensue with relevant bodies e.g. Local Highway Authority, Local Sewerage Undertaker, Local SuDS Adoption Body etc in order to ascertain the acceptability of the proposals.
 - All drainage/SuDS information is indicative only. Subject to detailed design and necessary approvals.
 - DCWW's sewer records do not include information on existing sewerage within Winding Wheel Road. Further investigations will therefore be required to ascertain the nature of the existing drainage. Existing invert level and sewer sizes will also be required in order to confirm connectivity and capacity.
 - Terra Firma Geotechnical and Geoenvironmental Report ref: 18810 states that infiltration is considered viable on site in this location and depths tested. It is therefore proposed to utilise infiltration where viable, with any resultant flows being discharged to the existing surface water sewer or pre-development Char greenfield rates. Additional infiltration testing will be required in order to validate this strategy.
 - Refer to Terra Firma report and intrusive Mire workings at the site.
 - The Terra Firma report also states that contaminants of concern in near surface made ground soils. Installation of clean cap imported material may therefore be required in garden areas.

- KEY
- 42.46 Proposed Ground Level
 - Masonry Retaining Wall (Height Indicated)
 - Exposed Facing Brickwork (Height Indicated)
 - 1 in 2.5 max Embankment
 - 94.600 Finished Floor Level
 - Steps (No. Indicated)
 - Existing storm sewer/highway drain (assumed)
 - Existing foul water sewer (assumed)
 - SuDS Connecting Pipework (Adoptable SAB)
 - SuDS Manhole (Adoptable SAB)
 - SuDS Inspection Chamber (Adoptable SAB)
 - Domestic storm water drainage
 - Rodding Eye
 - Type 4 SW Inspection Chamber
 - Type 3 SW Inspection Chamber
 - Foul Water Drain (Non-Adoptable)
 - Foul Water Sewer (Adoptable)
 - Type 4 FW Inspection Chamber (Non-Adoptable)
 - Type 3 FW Inspection Chamber (Adoptable)
 - Type 4 FW Inspection Chamber (Adoptable)
 - Foul Water Manhole (Adoptable)
 - Proposed Highway Gully and Connection
 - Permeable Parking Bays & Driveways to infiltrate via cellular soakaway
 - Permeable Carriageway to infiltrate directly to ground
 - Bioretention Area
 - Cellular Soakaway (Adoptable SAB)
 - Cellular Soakaway (Non-adoptable)
 - Cellular Storage Tank (Adoptable SAB)
 - Rain Garden/Bioretention Area

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rev	date	description	by
A	June 2025	Minor updates to site layout; additional drainage information added.	RMJ

Status: **PRELIMINARY/PLANNING**

Drawn:	RMJ	Client:	Bluefield Land
Checked:	RMJ	Project:	Penallta Road, Penallta
Date:	Dec 2024	Title:	Engineering & Drainage Strategy Plan
Scale:	1:250 (A0)	Ref:	2713 -520
		Rev:	A



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