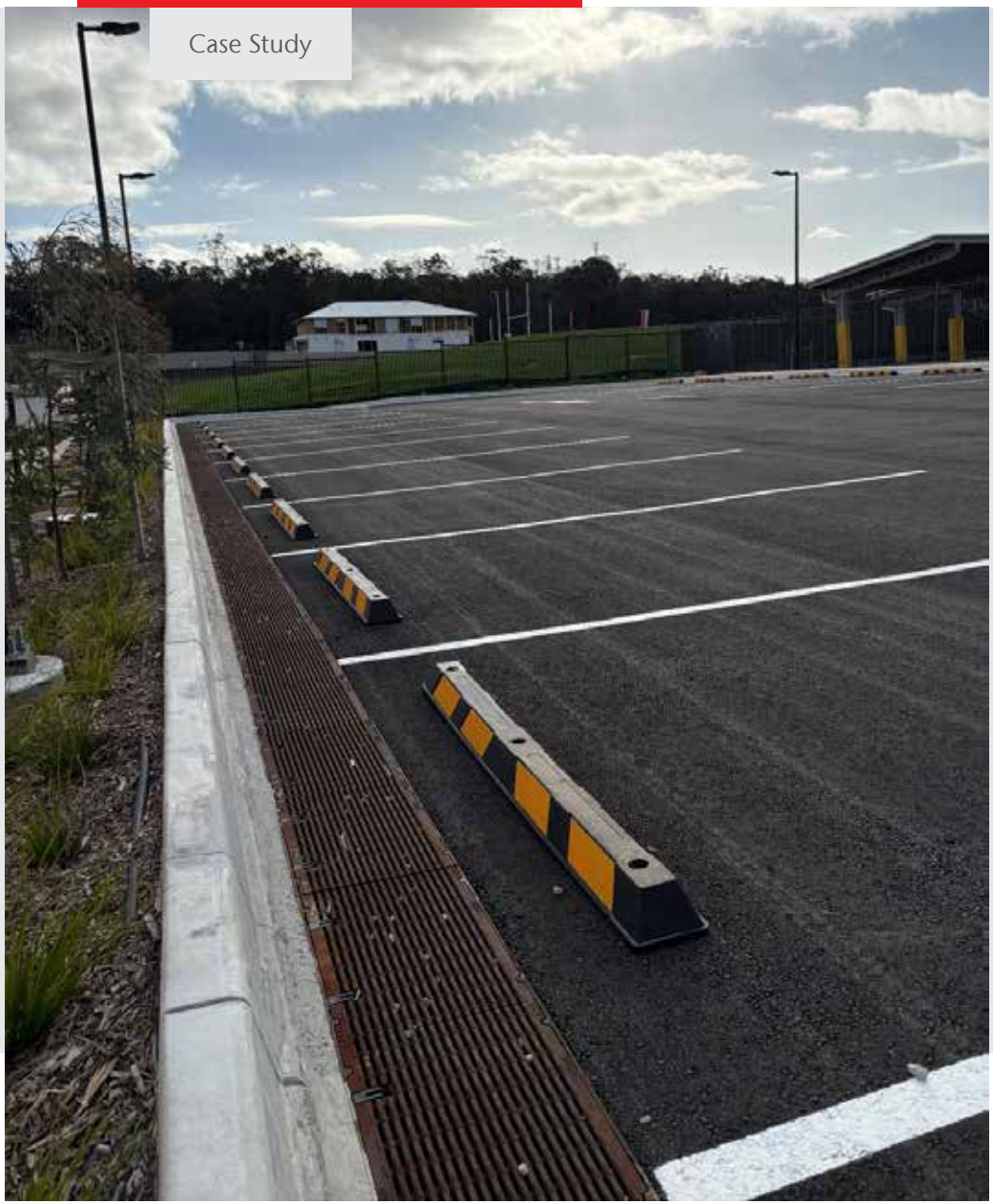
ACO Drain® - PowerDrain

Case Study



Boollam Boollam Child Care Centre - Packenham, VIC

Boollam Boollam Child Care Centre is located within the heart of Pakenham's community hub and provides dedicated kindergarten programs for three and four-year-old children. Designed to foster a nurturing and engaging learning environment, the single-storey facility comprises three community rooms and two self-contained kindergarten rooms, with capacity for up to 132 children.

Project Design Brief

The project required a safe and functional pavement design for the car park, accommodating both pedestrian and vehicle traffic. Rather than utilising traditional four-way gully pits, designers adopted a trench drainage system positioned along the rear of the car park, allowing the pavement to be graded with a single-direction fall towards the drain. This approach simplified surface drainage design while ensuring stormwater runoff was captured and removed efficiently, enhancing both safety and operational performance.

ACO's Solution

- **PowerDrain** S300K system with Iron Intercept **Heelsafe®** *Anti-Slip* grates

Benefits

- The 0.5% built-in slope in the **PowerDrain** S300K channel allowed the pavement to be constructed as flat as possible and still provide efficient drainage.
- The Iron Intercept **Heelsafe®** *Anti-Slip* grate provides slip resistance of P5 to AS 4586 and Load Class D to AS 3996, which met the designer's requirements.
- **PowerLok®** barless and boltless locking mechanism provides easy access for maintenance.



COLLECT CLEAN HOLD REUSE

www.acoswm.au

PF2026-70B