



**Client**

Carruthers Contracting

**Installation**

Jun - Aug 2025

**Location**

Rothwell, Qld

**Product**

BlackMax® DN750 + DN900  
EziPit® 1000 Maintenance Holes

# BlackMax® and EziPit® power Carruthers Contracting's success at Thyme Rothwell Lifestyle Resort

Carruthers Contracting delivered efficient, high-quality stormwater and sewer solutions for Thyme Rothwell Lifestyle Resort using Iplex's innovative BlackMax and EziPit1000 systems.

**About the Development**

Thyme Rothwell Lifestyle Resort is a master-planned community offering architecturally designed homes and resort-style amenities for over-50s, located just minutes from Westfield North Lakes and Redcliffe Hospital.

**Client Profile: Carruthers Contracting**

Established in 1979, Carruthers Contracting is a leading civil construction company based on the Sunshine Coast, Queensland. With over 40 years of experience, they are known for delivering high-quality work across subdivisions, infrastructure and resource sector projects. Their reputation is built on integrity, proactive risk management and a commitment to safety, environmental responsibility and quality.

**Project Overview**

Carruthers was contracted to perform the earthworks for the Thyme Rothwell Lifestyle Resort, including stormwater and sewer network installations. The project required robust, efficient and safe solutions for both stormwater drainage and sewer maintenance, supporting the development's internal road network and future clubhouse facilities.

Carruthers required solutions that could be installed quickly and safely under roadways, without compromising on durability or performance.



## BlackMax – The stormwater solution that made sense.

Carruthers selected Iplex’s BlackMax structured wall polypropylene pipes, specifically DN750 and DN900 diameters, for the stormwater installation. 550-metres of BlackMax stormwater pipes were laid beneath the subdivision roads, forming the backbone of the drainage system.

### Why BlackMax?

- **Lightweight & Easy to Handle:** The dual-wall polypropylene design made the pipes significantly lighter than concrete alternatives, allowing for faster installation with reduced machinery and labour.
- **Time-Saving Installation:** The spigot and socket joint system enabled quick assembly of the pipe sections.
- **Durability & Performance:** BlackMax pipes may offer a service life of over 100 years when installed and maintained as per the manufacturer’s instruction, with superior hydraulic capacity and resistance to deposit formation.
- **Safety Benefits:** The lightweight nature of the product reduced manual handling risks whilst also eliminating exposure to silica dust, a common hazard with concrete pipe cutting.

## EziPit – The Easy Decision

For the Sewer network 15 EziPit’s 1000 maintenance structures were selected.

### Why EziPit1000?

- **Lightweight & Easy to Handle:** The EziPit 1000 is a light modular design, enabling faster installation with less machinery and reduced manual handling risks.

- **Time-Saving Installation:** Modular design and user-friendly jointing system allow for fast assembly and integration with sewer pipelines.
- **Durability & Performance:** Engineered for long service life, with resistance to corrosion and deposit formation.
- **Safety Benefits:** Reduced manual handling and no exposure to silica dust, a common hazard with concrete products.

### Outcome

The Rothwell subdivision’s stormwater and sewer installations were completed efficiently. Carruthers reported high satisfaction with the ease of use and speed of installation provided by both Iplex BlackMax pipes and EziPit1000 maintenance structures.

*“The job was quick and easy. BlackMax was lightweight, easy to use, and saved us a lot of time.”*

- Carruthers Site Supervisor



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