



# Case Study: Enhancing Urban Infrastructure: The Iplex SewerMAX solution

In the rapidly growing Flagstone community near Jimboomba, the development of essential infrastructure is paramount to support its expanding population. SEE civil, entrusted with critical earthworks and civil works, sought a highly durable and efficient solution for a Sewer branch line. Iplex SewerMAX offers a blend of reliability and ease of installation crucial for this project.

Facing the challenge of deep trench installations, SEE civil opted for Iplex SewerMAX due to its durability and lightweight nature. Crafted from polypropylene, these pipes not only withstand transportation and handling, but are also resistant to corrosion from acidic soil and saline waters.

### Key Benefits:

- 1. Durability:** The tough, ductile nature of polypropylene enables pipes to resist impacts sustained in the course of transportation and site handling, without damage.
- 2. Lightweight for ease of installation:** Iplex SewerMAX pipes can be easily maneuvered in confined areas by hand or with light lifting equipment. Site handling and efficiency is improved, which can result in significant savings on installation time and cost.
- 3. Abrasion and corrosion resistant -** Polypropylene is notably resistant to abrasion and has excellent resistance to corrosive damage. The material is resistant to aggressive ground conditions, such as acid sulphate soils or saline ground waters.

*“SewerMAX is one of the better products out there to install, for larger than DN375 gravity fed sewer”*

Site Engineer Jake Jones attested to the product as one of the best available for gravity sewer systems greater than DN375. He emphasized the affordability and ease of installation as significant advantages, reinforcing SewerMAX’s standing as a top choice for urban development projects.

In the dynamic landscape of urban development, solutions like Iplex SewerMAX stand out for their reliability, ease of installation, and resilience. As testified by Site Engineer Jake Jones, SewerMAX stands as a benchmark for urban infrastructure solutions, ensuring a sustainable and efficient sewage system for the Flagstone community’s future.

## Project Snapshot

**Project**  
Flagstone Estate

**Client**  
SEE Civil

**Installation**  
March 2024

**Location**  
Jimboomba, Qld

**Product**  
Iplex SewerMAX

