

## Long-term solution critical to new Melbourne suburb

**Project:** Marigold Stage 3

**Location:** Tarneit, VIC

**Master Precaster:** Reinforced Concrete Pipes Australia

**Client:** Winslow Constructors

The quiet suburb of Tarneit North is one of Melbourne's expanding regions with a new development project underway. Marigold Estate is located just 27kms from Melbourne's CBD and only two minutes from the Tarneit Railway Station, allowing the new residents to access the state-of-the-art public transport system in Victoria. The development comprises three land holdings in Plumpton, set to deliver 450 new homes to the new community.

Being developed by Growland, Marigold Estate will encourage residents to build their future family homes, establishing themselves amongst a thriving community surrounded by greenery. Included in the development are multiple important amenities including childcare centers, medical clinics and primary and secondary schools.

### Precast pipes for efficient drainage

National Precast Master Precaster Reinforced Concrete Pipes Australia (RCPA) manufactured and supplied specified reinforced concrete pipes to the Marigold Estate project to provide efficient storm-water drainage.

Over 400 reinforced concrete pipes were



manufactured and supplied. Varying in radii, the pipes were cast vertically and set with an RRJ 2.34m rebate.

### Why precast pipes?

Precast concrete was chosen for this project as it could be delivered with short lead times. Being manufactured in a factory-controlled environment, the pipes were able to be produced to a high level of accuracy. Reducing the timeline of the project, precast concrete also offered a reduced labour requirement for on-site construction and installation of the elements.

Delivered to site as required, the construction site was also kept hazard-free as there was no requirement for on-site storage.

National Precast's CEO Sarah Bachmann comments "precast concrete enables a higher level of quality throughout construction as well as increasing safety for both on and off-site workers. Considering the current events across the country and globe, safer construction is necessary. Reducing the amount of people that need to be on site is a must to keep the community as safe as possible."

#### **Good outcome for all**

RCPA was happy with the outcome of the manufacture and installation of the precast concrete pipes.

Set to be completed in late 2020, Marigold Estate will provide forever homes to multiple families, creating a safe and nurtured community for many generations to come.

