



STATION SQUARE

INFORMATION SHEET

BATAVIA COAST MARINA

Water Sensitive Design Overview

Station Square at Batavia Coast Marina aims to create a destination that is functional for modern regional city requirements yet playfully responds to the local culture and broader context of the city.

Set to be an innovative demonstration of Water Sensitive City principles.

Capturing, cleansing and storing water within the Station Square landscape and infrastructure achieves key sustainability objectives and delivers a more comfortable urban environment.

The main sustainable landscape elements, consisting of the Urban Wetland, Tree Grove and Water Plaza, work in an integrated way. The urban wetland collects and treats stormwater before storing below ground to provide irrigation during the months of summer. Overflow will be used to boost the local groundwater and manage salt water intrusion.

The retention and re-use of stormwater at Station Square will dramatically reduce the reliance on existing City stormwater infrastructure and potable water supplies.

Tree pits will also collect stormwater from roads for passive watering to reduce the requirement for in ground infrastructure (pits and pipes).

These measures work together to improve water availability for a more verdant and robust landscape with significantly improved micro- climate outcome.

