

# Coffs Harbor waste conference

## Maroochydore CBD AWCS

May 2025



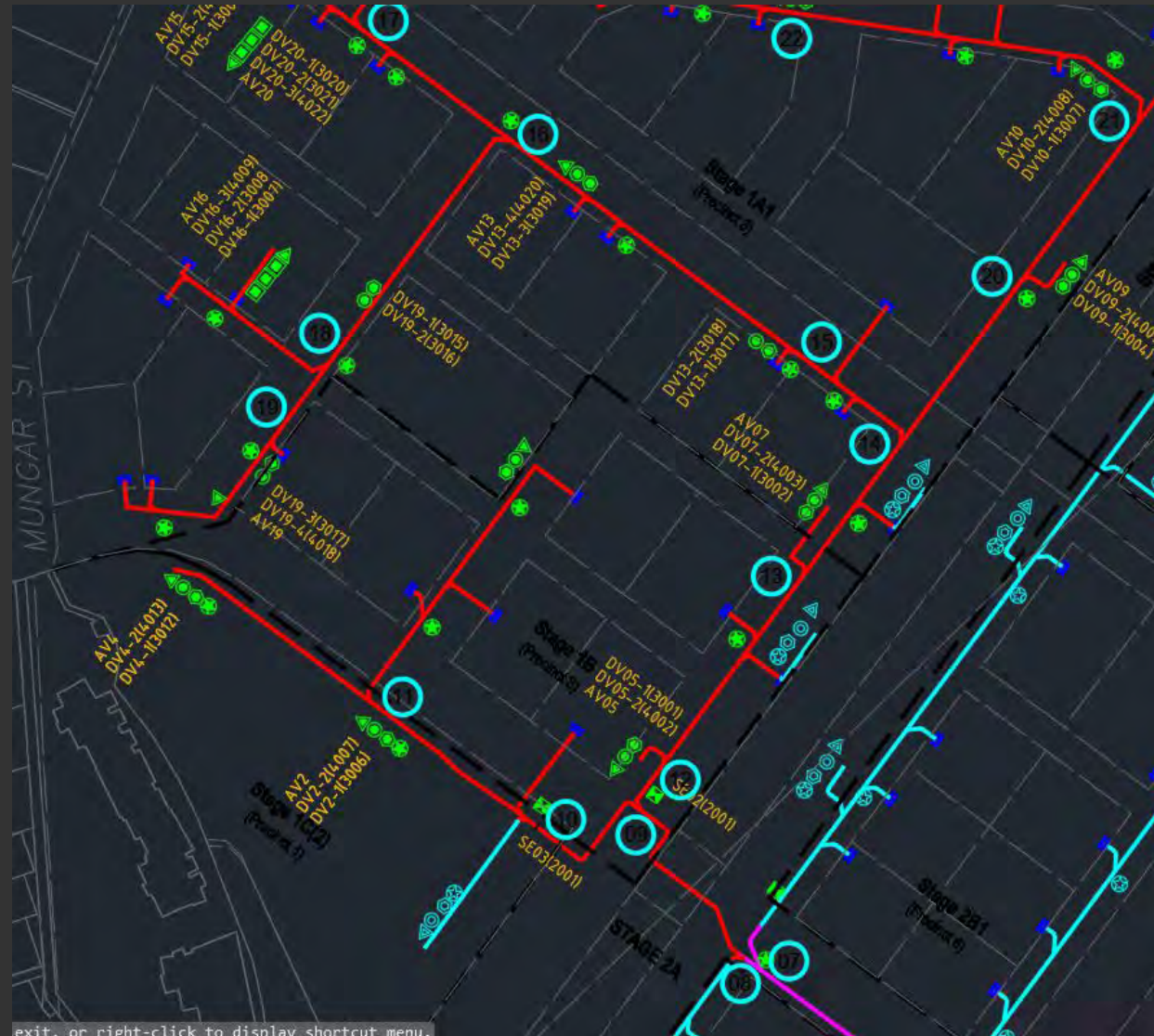


ENVA

# Maroochydore CBD prior to development



# Pipe network design





# Collection Station under construction



# Public realm pipe installation





# Main pipeline to collection station



# Private lot underground infrastructure





# Waste accumulation tank below vertical chute



# Commercial inlets



# Today Show



# Waste Separators



# Scada control station





# Public litter bin





# Collection Station Pipework



# Primary diverter valve





# 30 cubic meter RORO bins





# History of the Maroochydore CBD



# Collection Station



Photo courtesy of HamesSharley



## PROJECT OUTLINE

Location	Maroochydore, Sunshine Coast, QLD, Australia
Project Size (all stages)	4,000 households Commercial GFA 165,000, Retail GFA 75,000
Project Completion	1 <sup>st</sup> stage completion - June 2021 (Now in commercial operation)
Waste Fraction	General waste, Mixed Recyclables
System	D400+D450 Hybrid C- system + Litterbins
Pipe Network	Total 2.3 km (1 <sup>st</sup> stage)
Note	The project has been developed in stages and currently the 1 <sup>st</sup> stage was completed in June 2021. 2 <sup>nd</sup> stage development is planning to start in 2026.

# AWCS key benefits of AWCS over conventional waste collection methods:

- ✓ **Greatly reduces road congestion due to reduced vehicle movements in the CBD**
- ✓ Improved hygiene including reducing risk of infection
- ✓ Cleaner and quieter environment
- ✓ Low operational costs
- ✓ Available 24/7
- ✓ Optimised urban space
- ✓ Increased efficiency