

FLAT ROCK CREEK IMPROVEMENT PROJECT

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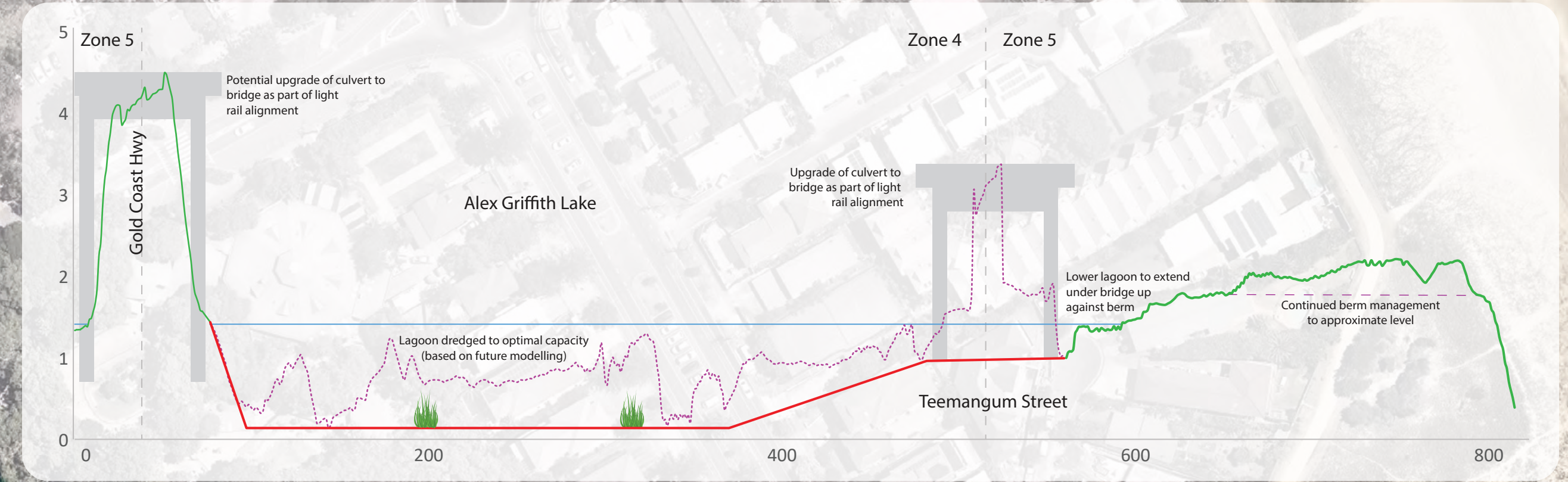
Flat Rock Creek is a small coastal creek located in Currumbin and Tugun in the south of the Gold Coast. The creek and connected parks are a well-used and liked community assets. As the region developed, the creek underwent many artificial changes, including waterway crossings, channelisation and flood mitigation works, resulting in a heavily modified system with declining water quality and declining public amenity.

The City of Gold Coast engaged Water Technology to develop options for naturalising Flat Rock Creek and for the facilitation of stakeholder and community engagement to focus and enhance those options.

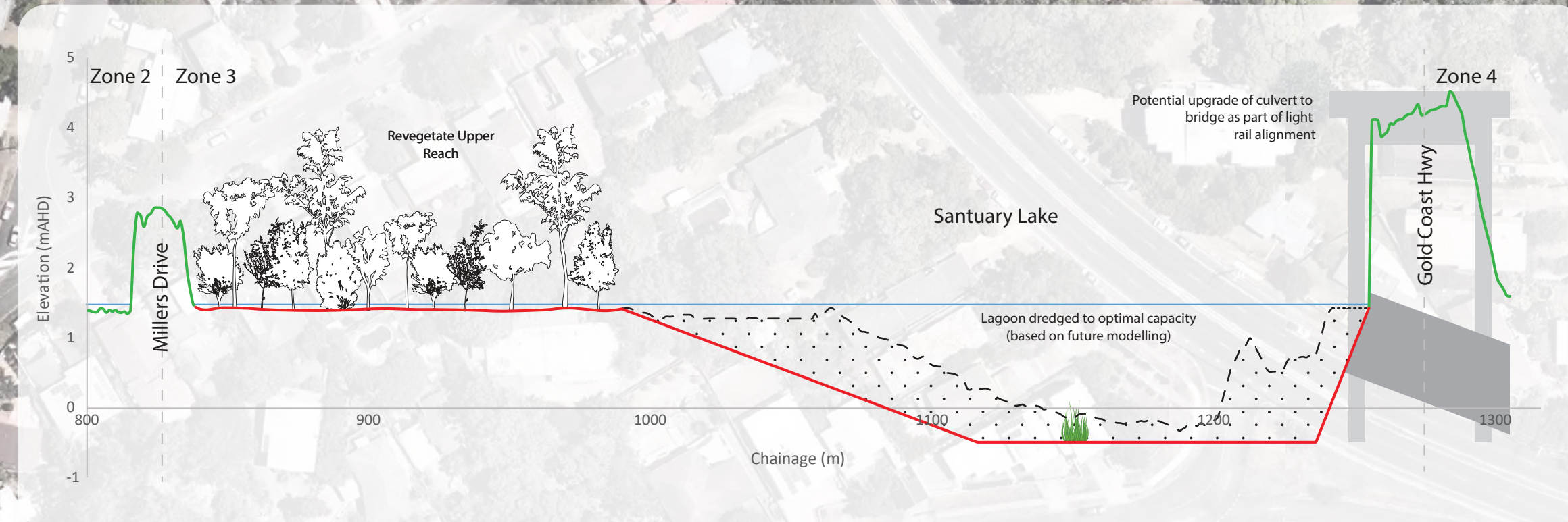
The benefits of such a project are substantial and project objectives included:

- Increased flushing of Flat Rock Creek by smaller rainfall events.
 - Improved water quality.
 - Improved ecological health.
 - Reduced public health risks associated with poor water quality and algal blooms.
 - Decrease in accumulation of sediment in the mid and lower reaches of Flat Rock Creek.
- Increased flood mitigation potential.
- Enhanced surroundings for the Currumbin Wildlife Sanctuary.
- Improved aesthetics.
- Augmentation of the interdependent and dynamic relationship between the Flat Rock Creek community and the water environment.

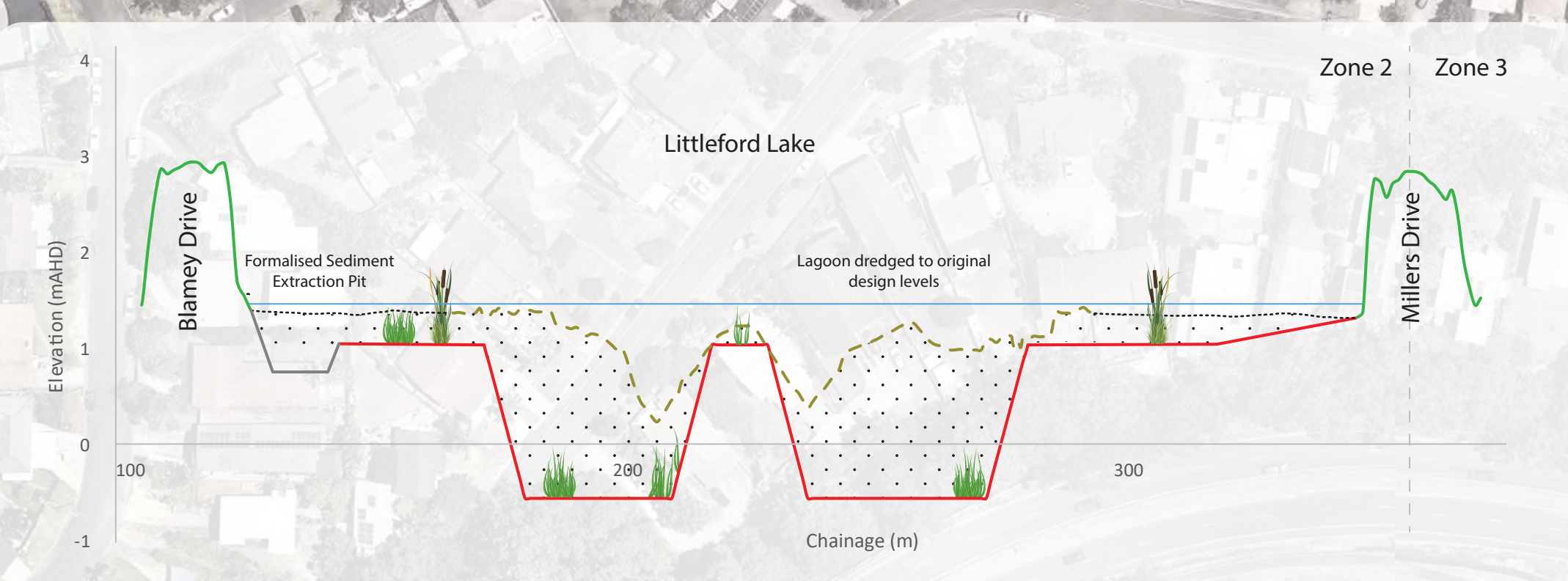
ZONE 4: GOLD COAST HIGHWAY TO TEEMANGUM STREET



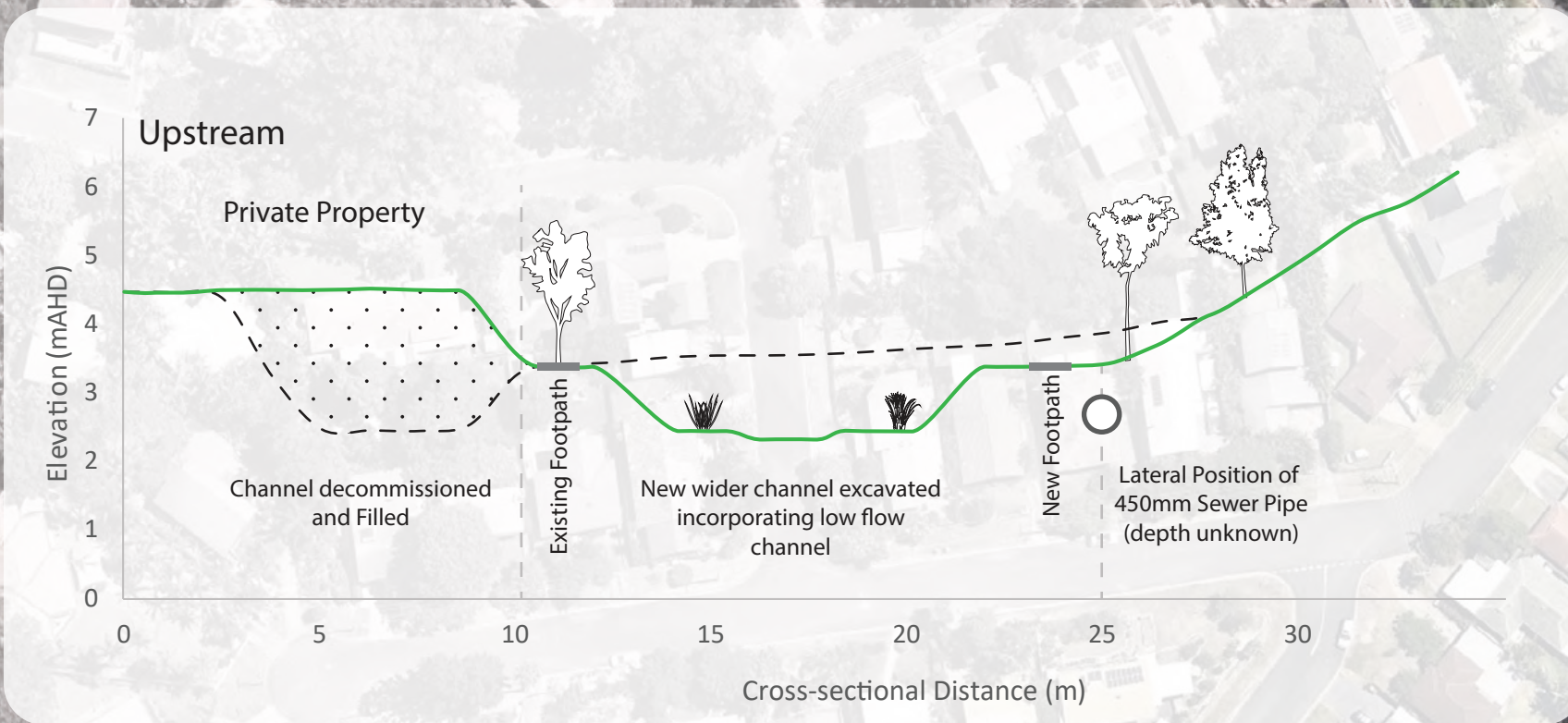
ZONE 3: MILLER DRIVE TO GOLD COAST HIGHWAY



ZONE 2: BLAMEY DRIVE TO MILLER DRIVE



ZONE 2: CHANNELISED DRAIN



ZONE 1: TOOLOONA PARK TO STEWART ROAD

