

Sorell Council CERMP Outfall Projects

PRESENTATION BY ANNA WILSON



Manage Sorell Southern beach stormwater outfalls to protect dunes and beaches from erosion and pollutants as per the Sorell Council Coastal and Estuarine Risk Mitigation Project.

Each outfall project will follow a number of overarching principles to ensure that works are good for the community and will tie in with overall stormwater and pollution management objectives



Infiltrate water into the ground



Maintain Native Environment



Create Maintainable Systems



Manage Pollutants



Consider Community

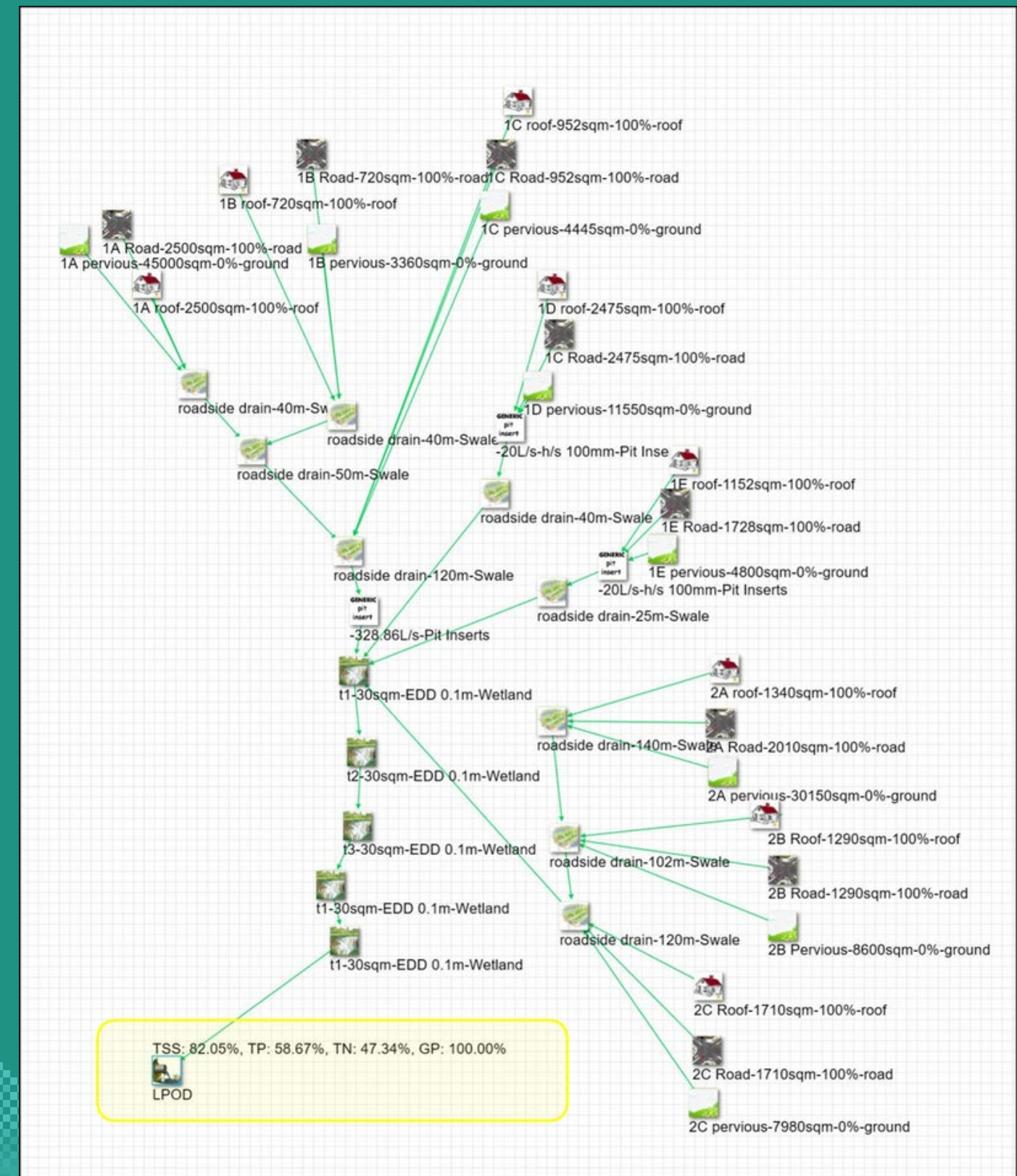




Infiltrate water into the ground

Provides Effective Treatment
Recharges Water Table

Sothern Beaches well placed with open drains.





Maintain Native Environment

Consider the native and natural
environment in design.

Enhance native systems where possible





Create Maintainable Systems

Maintenance is critical to the systems success.

Maintenance must be considered in design

Includes access and ease of maintenance





Manage Pollutants

Pollutants - including litter, will be managed as appropriate.

High risk areas will be prioritised.





Consider Community

Consider how the community utilises the space in design.



Stairway to Heaven - Rick Crossland



LIMITATIONS

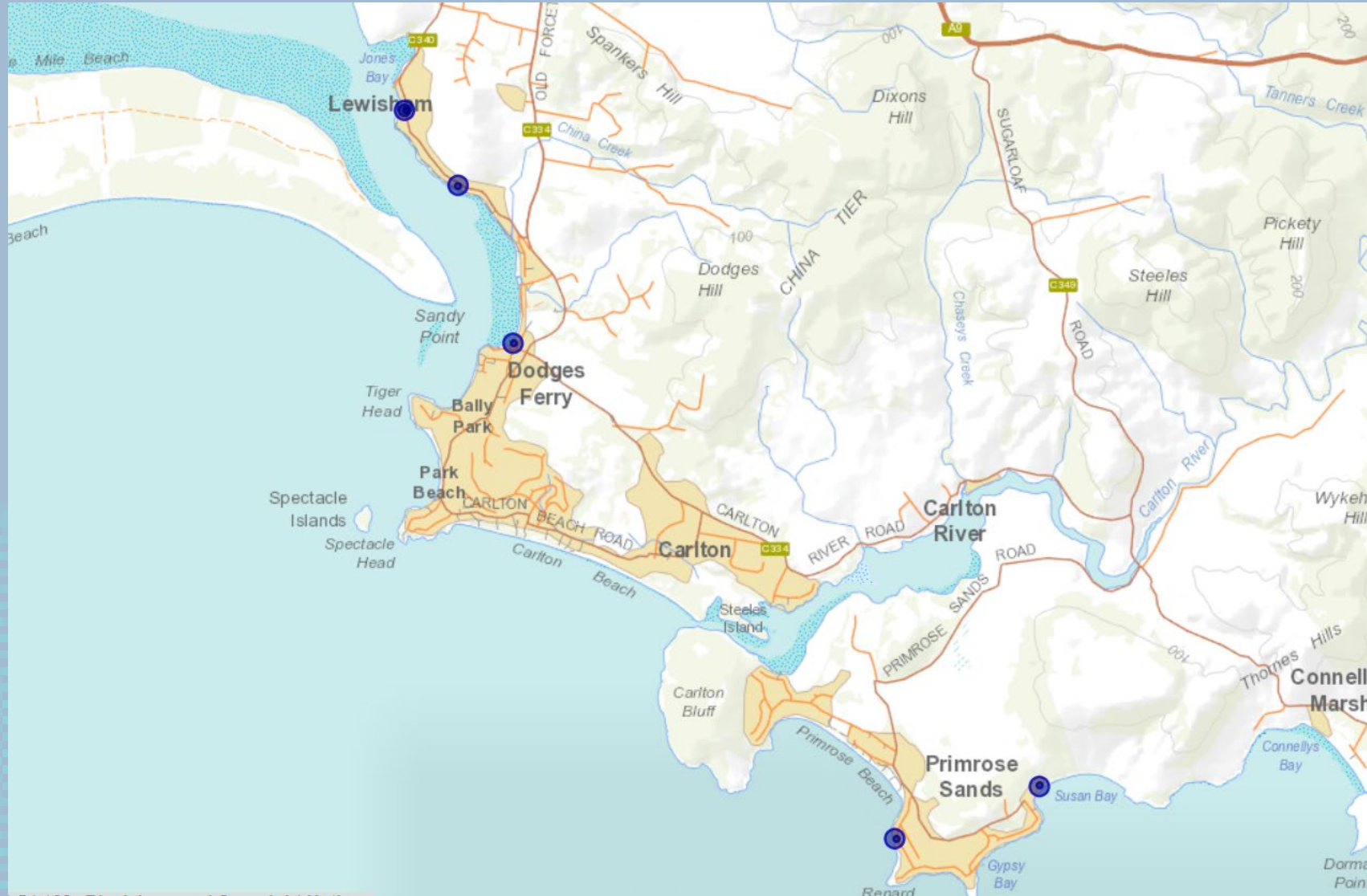


ACCESS
ACCESS FOR CONSTRUCTION AND
MAINTENANCE WILL LIMIT DESIGN
OPTIONS.

GRADE
WSUD operates effectively between 1%
and 5% Grade. In excess of this grade
treatment becomes less effective and
risk of erosion increases.



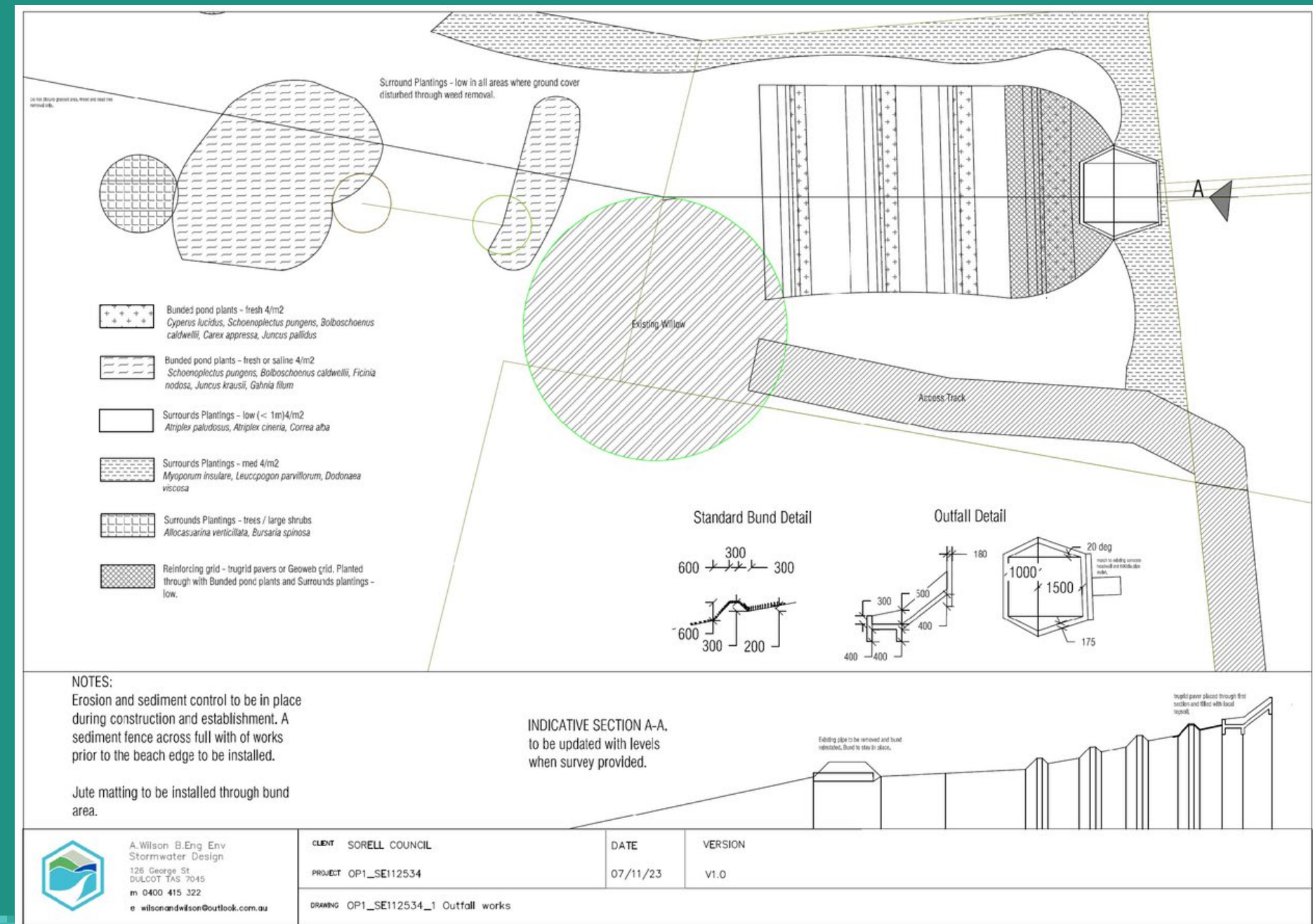
PROJECTS



- 96 Lewisham Scenic Drive
- 763 Primrose Sands Road
- 189 Lewisham Scenic Drive
- 56 Grevillea Street
- First Avenue



96 LEWISHAM SCENIC DRIVE

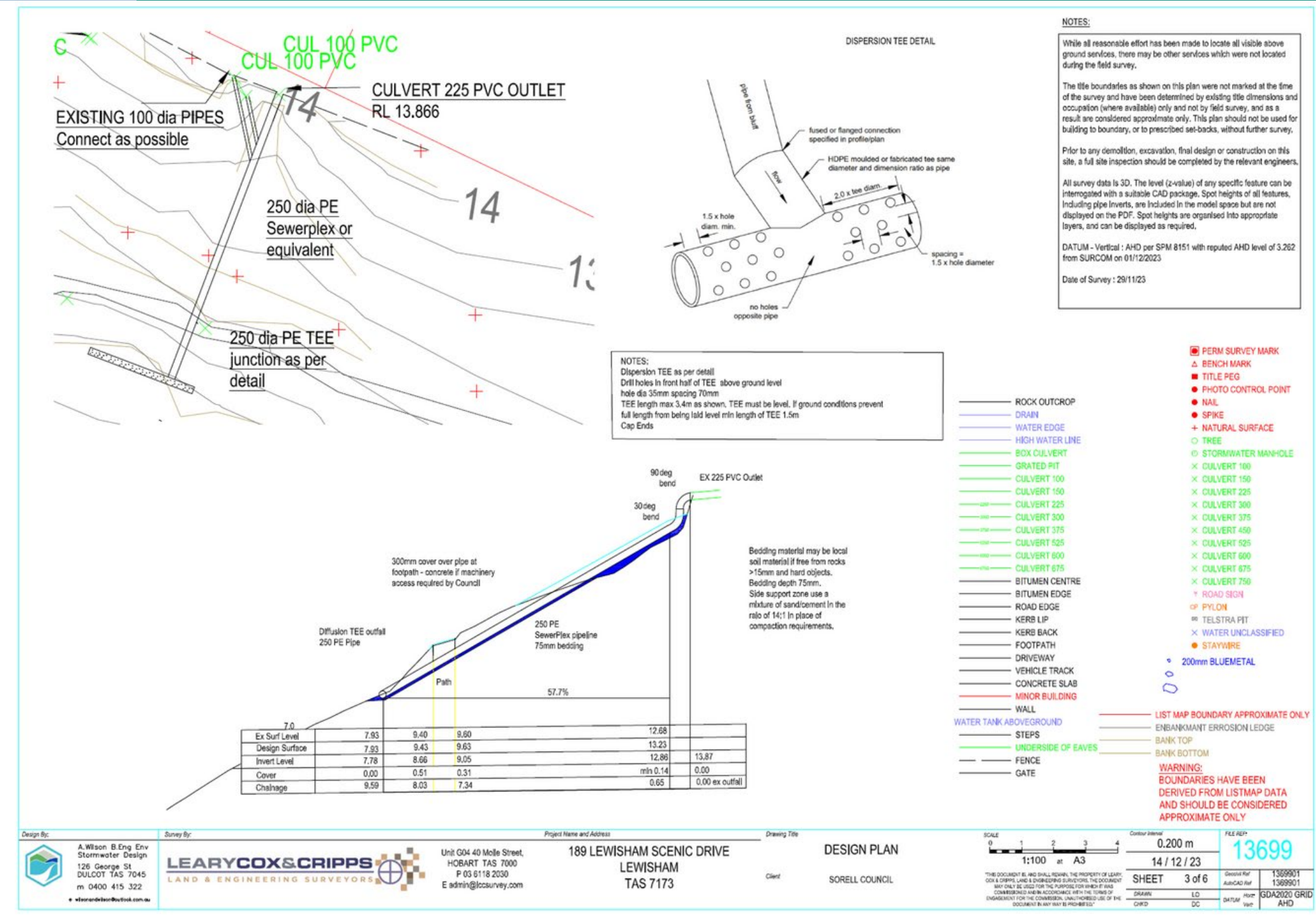


7 6 3 PRIMROSE SANDS ROAD

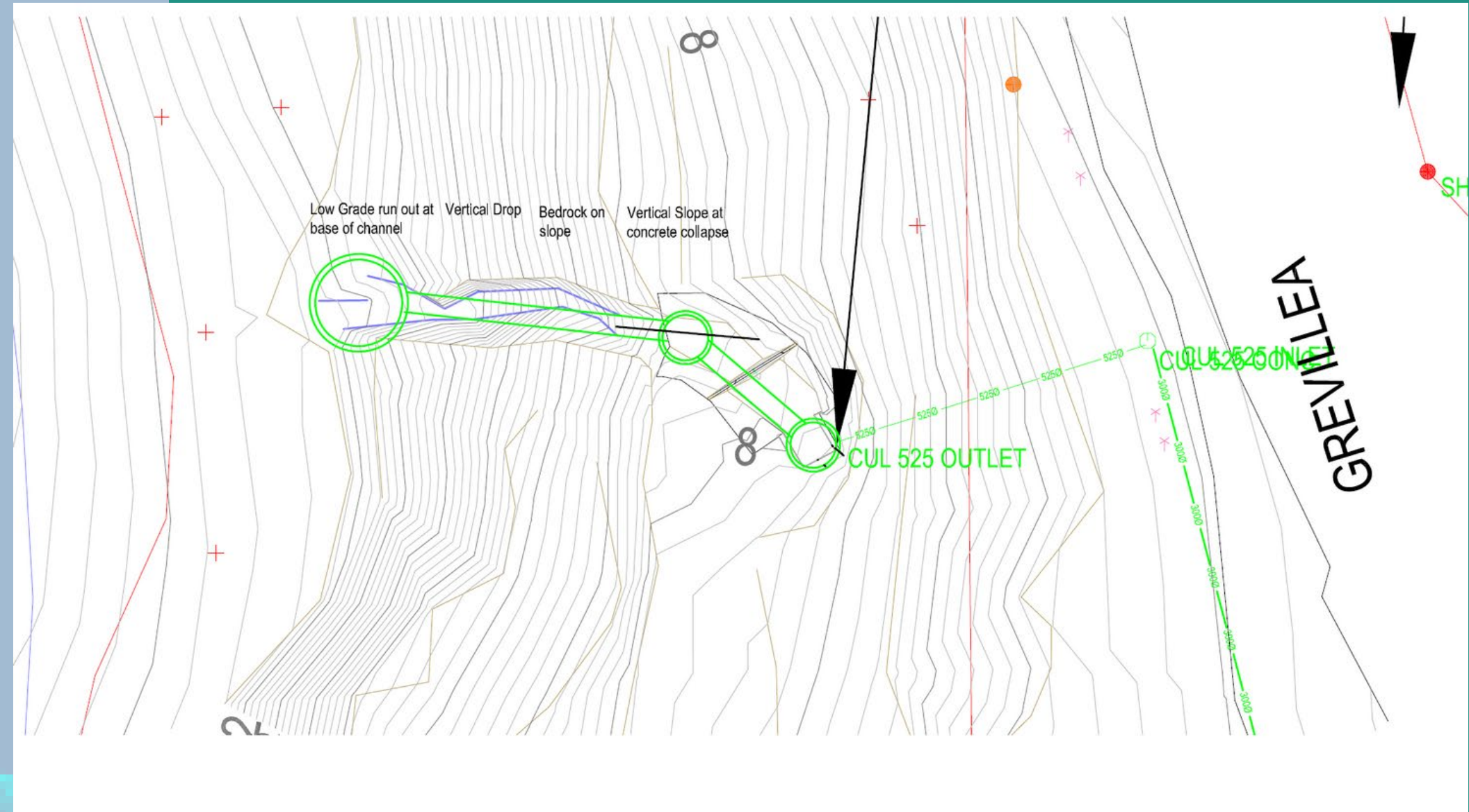
No.	Recommendation	Notes
OP2. R1	Extend pipe section and install headwall	Install rip rap to reduce velocity at headwall
OP2.R2	Divert trail over new pipe.	Remove existing planks / bridge.
OP2.R3	Erosion management	The area of erosion upstream of bridge two must be battered back and topsoiled. The topsoil should be lightly compacted, planted and seeded and covered with a jute mesh for plant establishment. This should prevent future erosion in this location.
OP2. R4	Clear out existing culvert and keep existing secondary flow path.	<p>Looking at previous imagery (pre 2000 ListMap) the walkway extended directly downhill as shown. This likely led to significant erosion issues that have been effectively mitigated by redirecting the foot way and the flow path.</p> <p>The existing culvert may have been left to block and the flow diverted under the newer small wooden bridge to assist with the remediation of the original erosion. The area through here now is densely vegetated and appears to have remediated well.</p> <p>The recommendation is to clear out the existing culvert and keep the newer flow path as back up.</p>
OP2.R5	Add details of infrastructure and maintenance regime to asset management system.	Adding details of hard infrastructure as well as green infrastructure will ensure the asset is captured in the asset management and maintenance system. This allows Council to track the works on these assets more accurately.



18 9 LEW ISHAM
SCENIC DRIVE



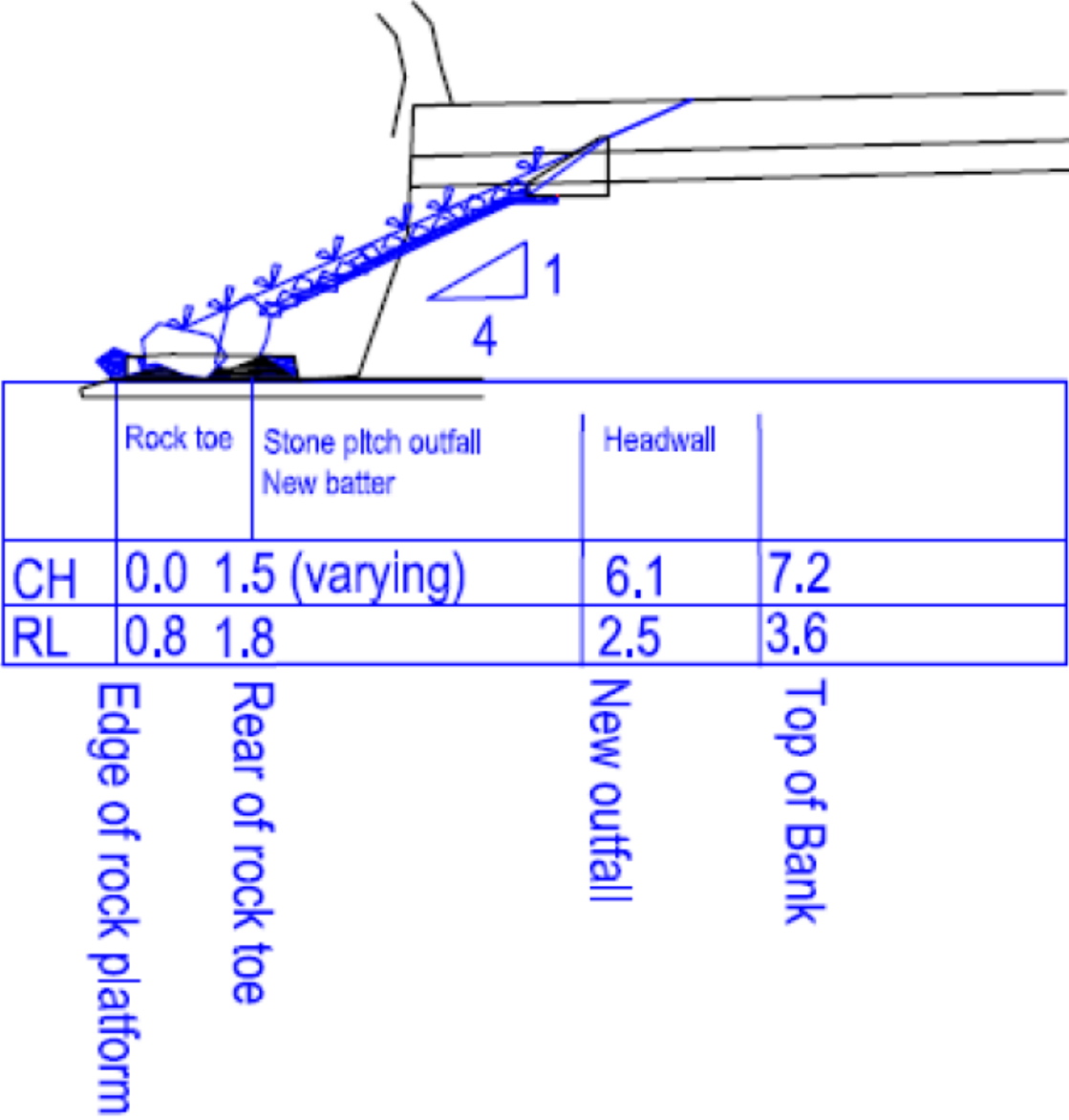
56 GREVILLEA STREET



FIRST AVE



Indicative Cross Section First Ave Outfall Area



QUESTIONS AND THANKS

