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29 August, 2019

General Manager
Liverpool City Council
Locked Bag 7064
LIVERPOOL BC 1871

Re: Section 4.55 Modification to Development Approval DA-263/2018 Resource Recovery Facility. 55 Martin Road, Badgerys Creek

Dear Sir/Madam,

1. Introduction

This letter details the assessment of the traffic impacts of the proposed changes to approved development at 55 Martin Road, Badgerys Creek.

2. Proposed Changes

The proposed changes will achieve operational efficiencies as well as improved truck management on the site and include;

- The trucks operate along the northern boundary behind the shed creating a circular movement;
- The trucks can now fully enter the building to unload rather than tipping at the doors as per the approved development;
- A second weighbridge is added;
- The car entry/exit driveway is now separate to the truck entry/exit driveway.

3. Assessment of Impacts

The proposed changes do not affect the hours of operation, employee numbers, the amount of waste to be processed, the number and type of trucks generated by the facility, as compared to the approved development.

The only changes will be to the on site operation and the new separate driveway for vehicle access to the car park.

4. Car Park Driveway in Martin Road

The car park driveway is located approximately 30 metres south of truck driveway. Sight distance to and from the driveway is good and is a minimum 150 metres in both directions of Martin Road, which exceeds Austroads sight distance requirements for the posted speed limit in Martin Road.



5. Car Park

The car park design complies with the requirements of AS2890.1 with regard to driveway width, aisle width, car space size and grades.

The accessible car spaces are designed to comply to AS2890.6.

6. Truck Driveway

The truck driveway is retained at the northern end of the site as per the approved development. The truck driveway's width and grades comply with AS2890.2.

7. Internal Manoeuvring

There will be no change to the size of the trucks previously approved to use the facility. The trucks will include 12.5 metre long HRV's and 19.0 metre long articulated vehicles.

The truck manoeuvring within the site is shown on the swept path diagrams presented in **Figures 1-10**.

Reference to these figures shows that the manoeuvring is satisfactory and fully in accordance with AS2890.2.

8. Other

The proposed modification will not result in any change to the traffic generation of the facility and the traffic impacts on the external road network that were previously assessed for the approved development, for both the operational phase and during construction.

These impacts were assessed as satisfactory and will remain so with the proposed modification in place.

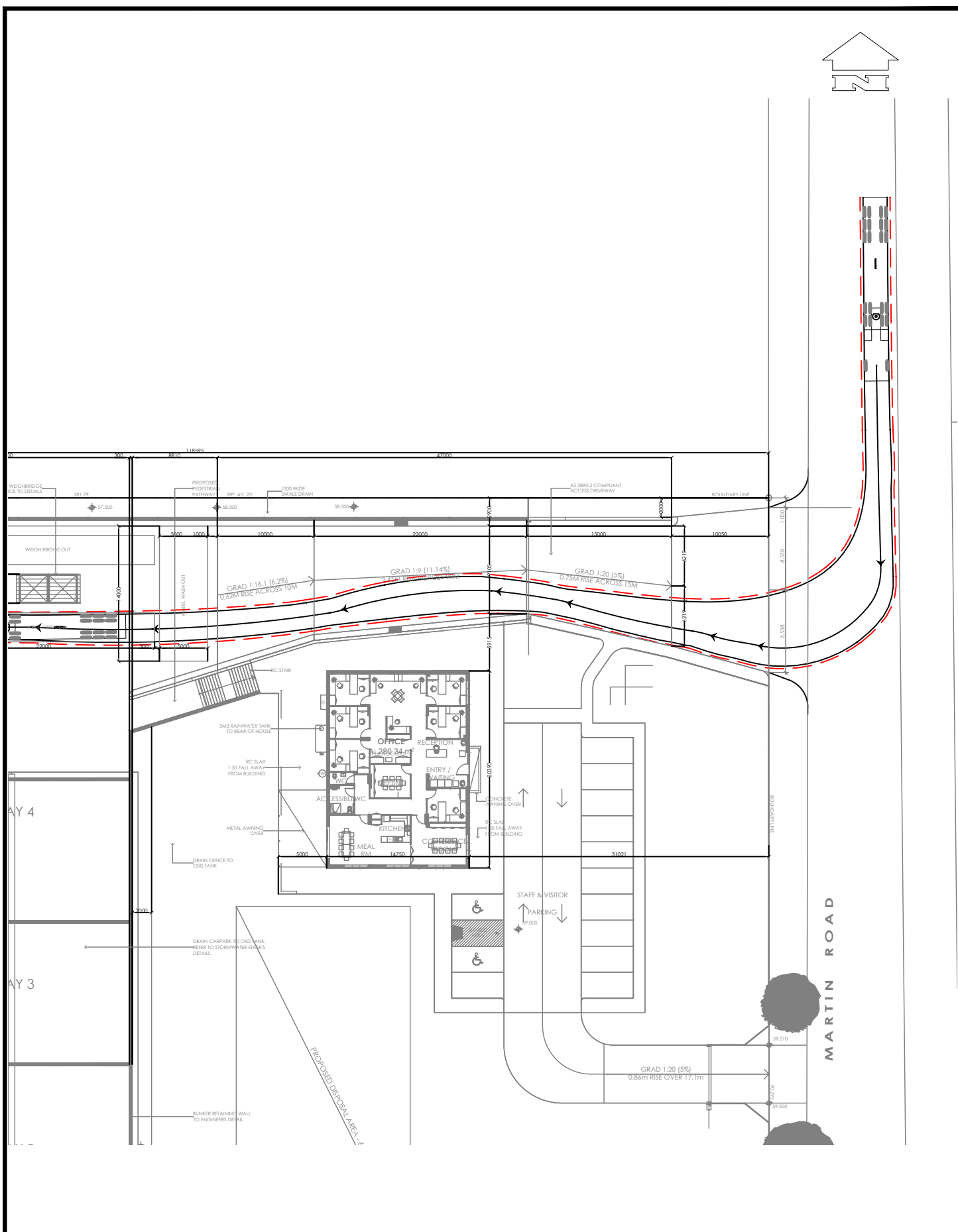
9. Conclusions

In concluding, the proposed internal changes to the approved development will result in more efficient operation on the site and improved truck circulation.

The proposed changes have been assessed and are considered to be fully compliant with AS2890.1 and AS2890.2 requirements.

Yours faithfully,

Terry Lawrence
Director
Transport and Urban Planning Pty Ltd



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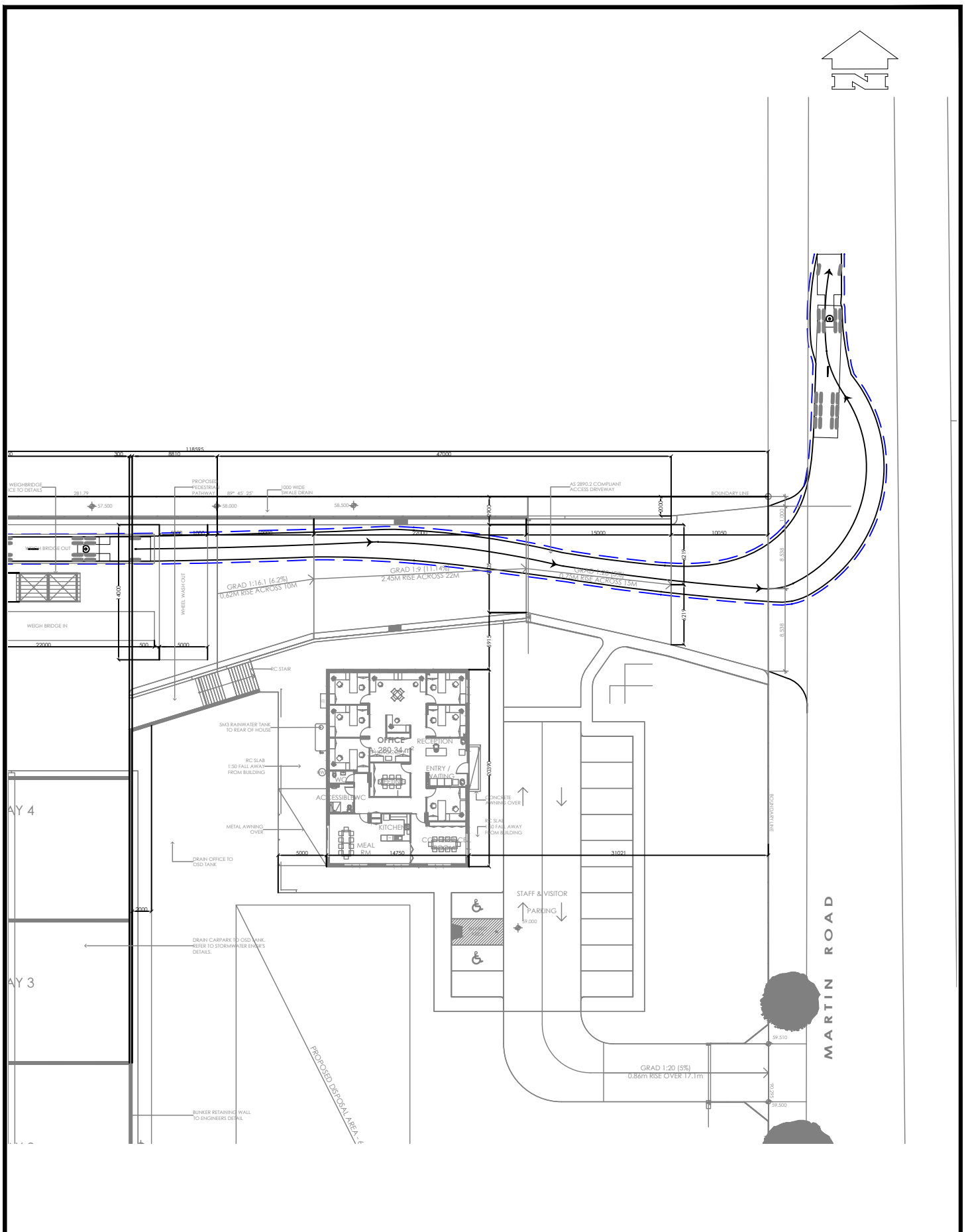
FIGURE 1

SECTION 4.55 MODIFICATION TO DA-263/2018
RESOURCE RECOVERY FACILITY, 55 MARTIN RD, BAGERY'S CREEK

TURNPATH - 19m ARTICULATED VEHICLE ENTERING SITE

JOB NO.19115

29/08/19



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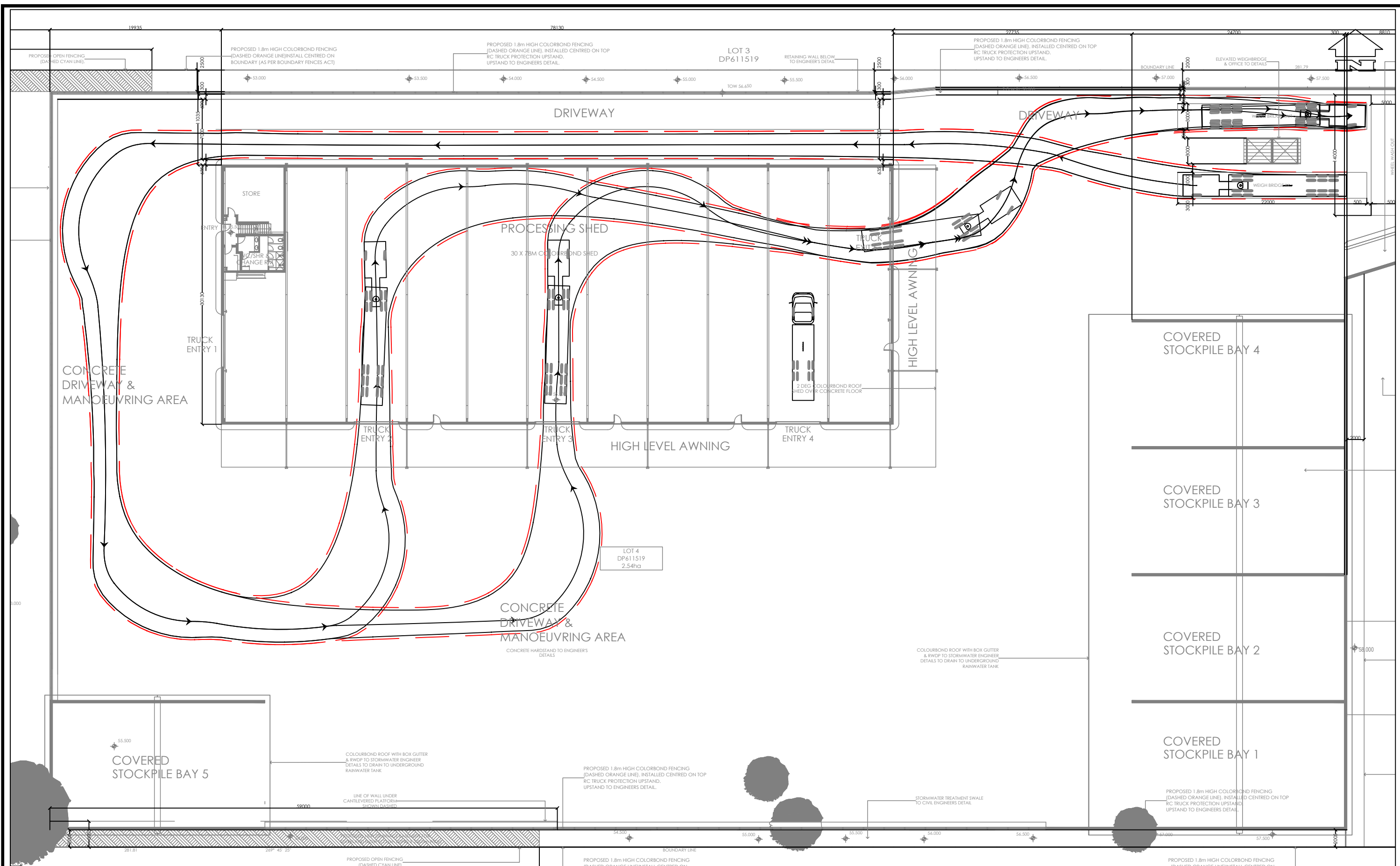
FIGURE 2

SECTION 4.55 MODIFICATION TO DA-263/2018
RESOURCE RECOVERY FACILITY, 55 MARTIN RD, BAGERY'S CREEK

TURNPATH - 19m ARTICULATED VEHICLE EXITING SITE

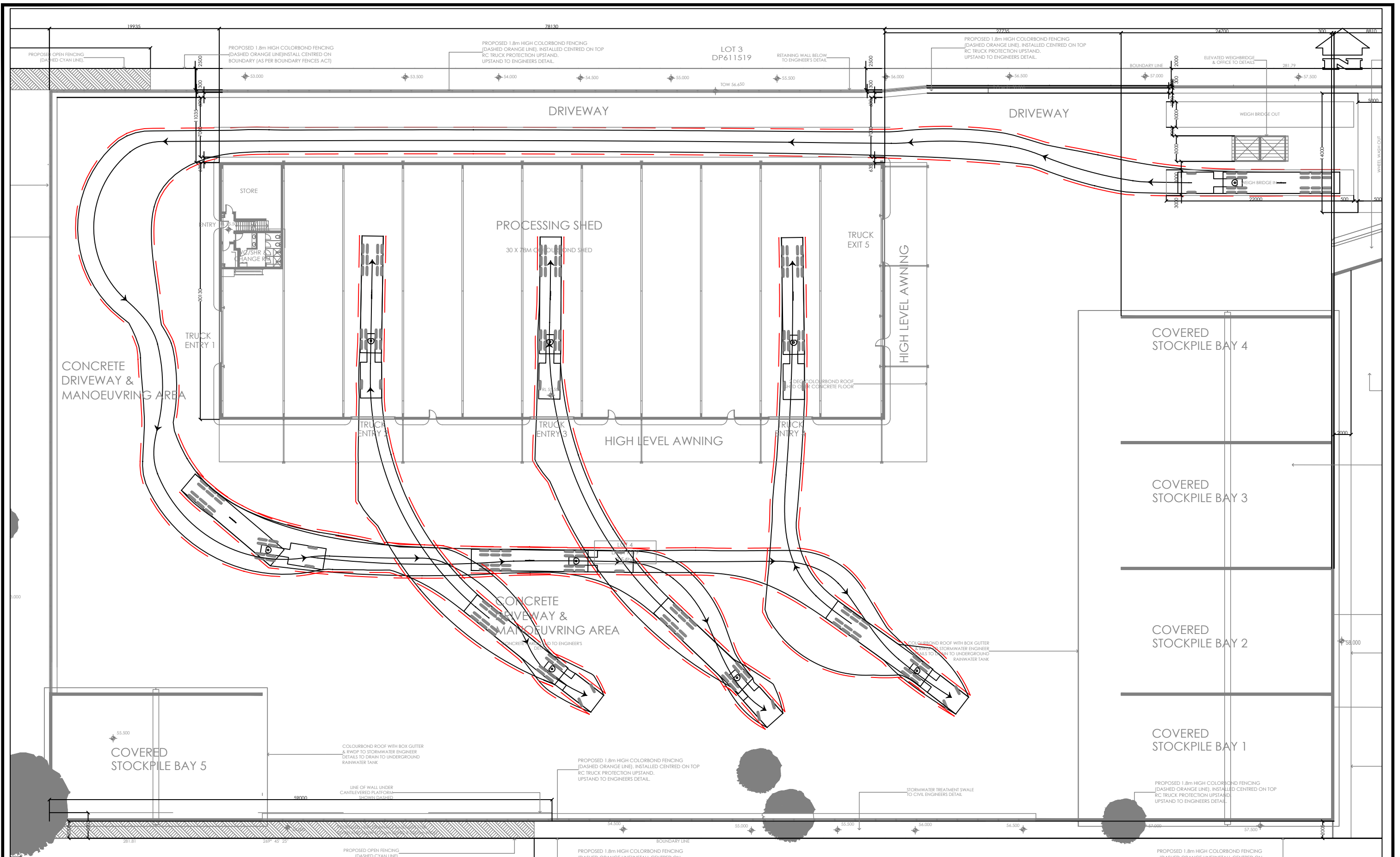
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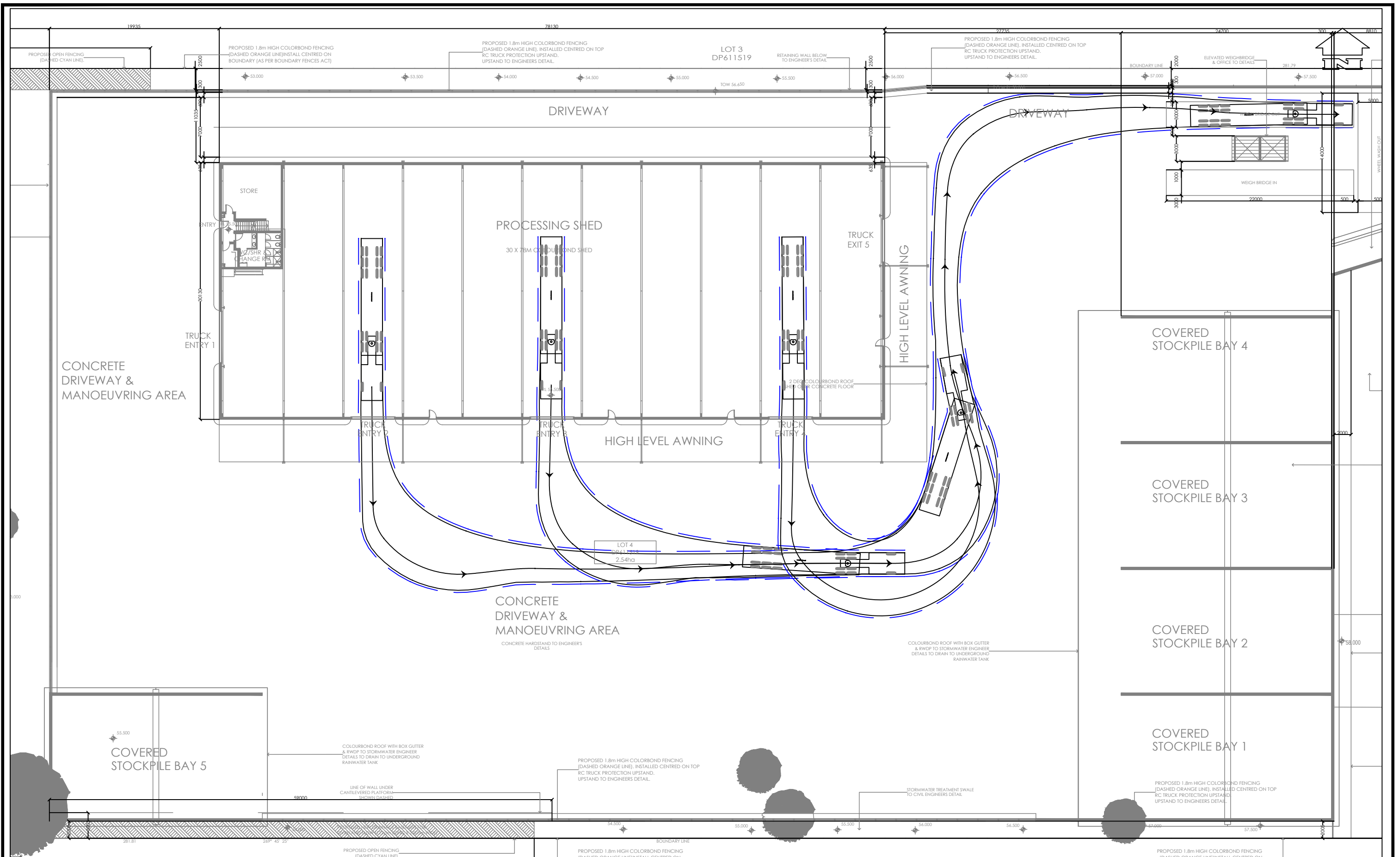
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FIGURE 4
 SECTION 4.55 MODIFICATION TO DA-263/2018
 RESOURCE RECOVERY FACILITY, 55 MARTIN RD, BAGERY'S CREEK
TURNPATH - 19m ARTICULATED VEHICLE
INTERNAL MANOEUVRES
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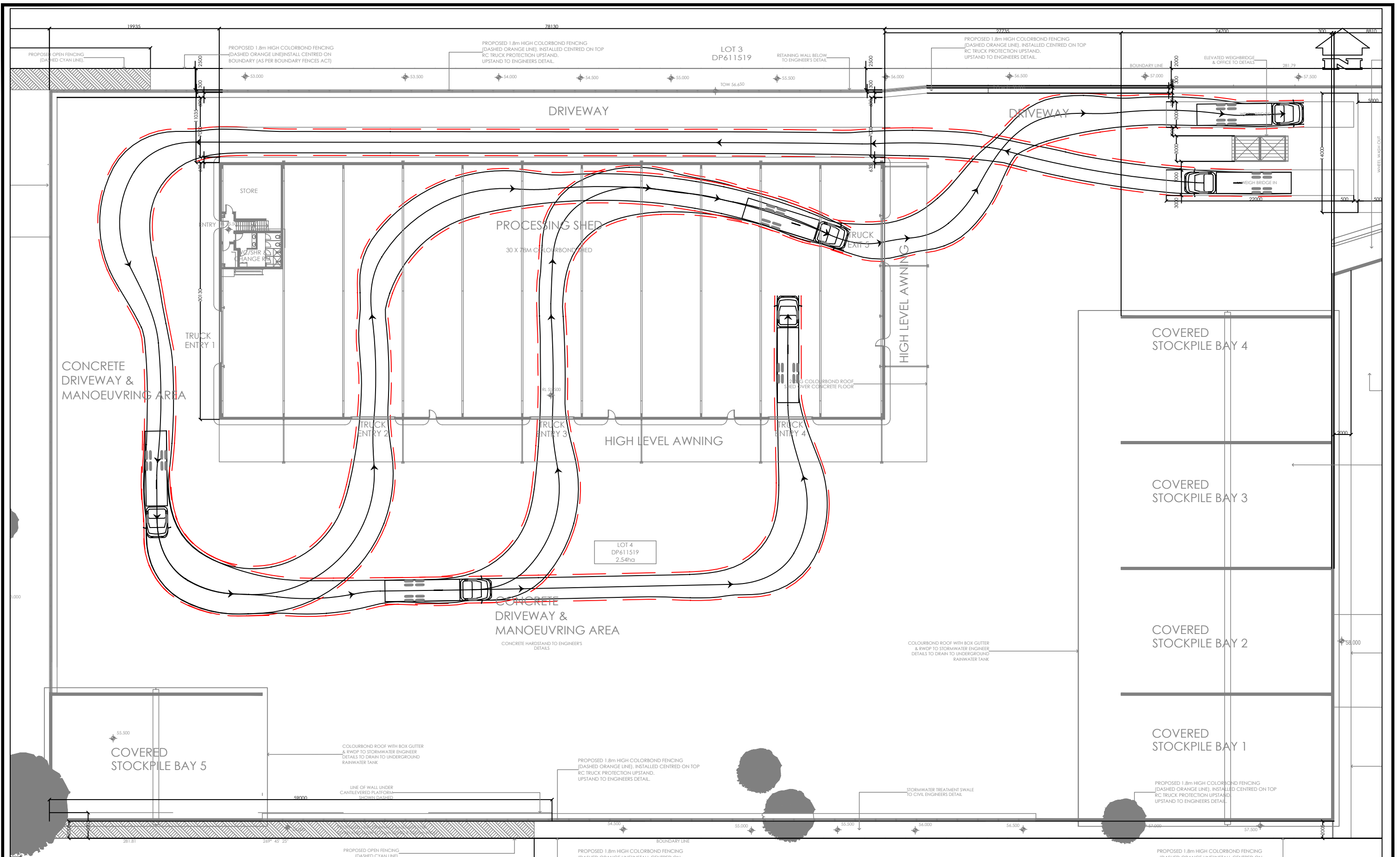
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FIGURE 6
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TURNPATH - 19m ARTICULATED VEHICLE
INTERNAL MANOEUVRES
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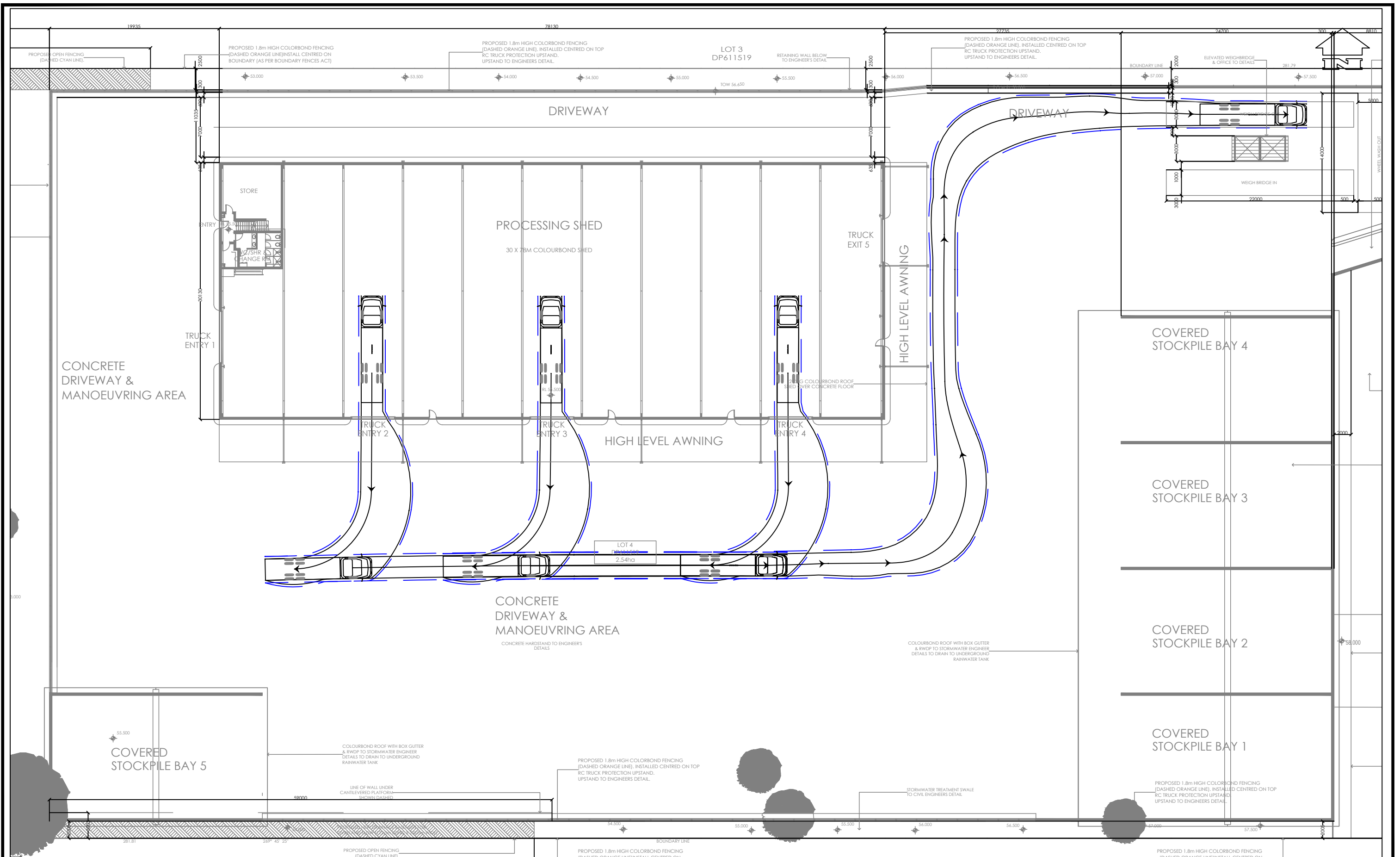
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FIGURE 7
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TURNPATH - 19m ARTICULATED VEHICLE
INTERNAL MANOEUVRES
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FIGURE 9
 SECTION 4.55 MODIFICATION TO DA-263/2018
 RESOURCE RECOVERY FACILITY, 55 MARTIN RD, BAGERY'S CREEK
TURNPATH - 12.5m HEAVY RIGID VEHICLE
INTERNAL MANOEUVRES
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FIGURE 10
 SECTION 4.55 MODIFICATION TO DA-263/2018
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TURNPATH - 12.5m HEAVY RIGID VEHICLE
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