

Christopher Fraser

From: Grant Harlow <GHarlow@martens.com.au>
Sent: Monday, 30 August 2021 9:00 PM
To: Christopher Fraser
Cc: Rob Brook [Newcastle Legal]; Paul Mitchell; Daniel Martens; carlod
Subject: RE: DA S29/3/97-Mod-1 - Eastern Creek Karts - Request for Information

Hi Chris, Please refer to tabulated response below to DPIE RFI date 19.08.2021 and referenced items in the following drobox link:

<https://www.dropbox.com/sh/od1auv98pzmr9m9/AABLeCUXsng2uUo6jqZiKJua?dl=0>

Please get in contact if you would like clarification on any particulars.

1. Southern Swale clarification As per the Department's RFI request of 13 May 2021, the southern swale may prevent some flooding of adjacent property. In Appendix 1 Section 2.6, it is requested the swale extend to the eastern lot boundary to capture upstream areas and provide conveyance to drainage node 1A102-02. An additional structure may be considered to assist appropriate design for the terminating swale end. Please provide post-development topography, batter design and details on Plans for that area to show how upstream catchment areas adjacent the eastern lot boundary are managed and conveyed to the node.	A 350mm high wall has been added to the planset details in the SE corner of the site along with concrete spoon drain. These structures ensure all overland flows from the prospect Reservoir Land that enter the site along its southern boundary are diverted west to the culvert and conveyance drainage system with no risk of diversion into the eastern neighbouring allotment.
2. Barriers As indicated in the Department's RFI letter of 13 May 2021 Section 4, steep batters must be protected from errant vehicles. Please provide details of the barrier which should include a plan showing all areas, adjacent car park ramps and modules, proposed to be protected, and a section through the barrier design and footing. The plan must be prepared by a suitably qualified Structural Engineer.	A typical W beam section showing footing details is provided in the updated planset. Any alternative barrier solution compliant with AS2890.1:2004 may be considered. Any alternative must be certified by Structural engineer prior to construction.
3. Proposed Landscaping on steep batters Landscaping Plan LPS4.55 - 22/31 by Conzept Landscape Architects is noted. Concern is raised for the planting of tall canopy species Angophora costata and Corymbia maculata in areas : • near proposed pipe drainage, or • on steep batters and retaining wall systems that may not have anticipated all design load surcharges. It is requested the Engineer and Landscape Architect confirm suitable locations for the canopy species where mature tree growth would not impact the service life of drainage pipes, and the Engineer provide assurance for the structural capacity and safety of the proposed batter and retaining wall systems given the canopy trees' anticipated surcharge loadings. Should any planting be reconsidered due to drainage or structural capacity concerns, please provide a revised planting design prepared by the Landscape Architect and supported by the Engineer in writing, to address matters of visual impact raised by the Department in the RFI letter of 13 May 2021 Appendix 1 Section 6.	The landscape architect has amended to the Landscaping Plan to remove the tall canopy species trees and replace with much smaller, lighter alternatives.

4. Track Safety Please provide written confirmation the Track Safety Auditor has reviewed the Plans and is satisfied the proposed works comply with track safety design requirements and the following : • the proposed run-off distance from the track for karts that come off the track is adequate; • the proposed location of tyre barriers is adequate; and • the proposed levels to the extent they are essentially flat for the trackside distance is adequate	The track safety auditor (Karting NSW) has provided an acceptance letter signing off on the proposed modification plans. An inspection is to be undertaken post works to ensure works comply with relevant safety standards as constructed.
5. Construction period data Please provide an estimate of how many jobs would be generated by the proposed works and for how long. Please indicate if any operational phase jobs would be created and how many.	It is anticipated that the works will take in order of 12 - 16 weeks to complete. The equivalent of two-full time positions will be required across the construction plus a number of specialist sub-contractors.

Regards,

Grant Harlow | Project Manager & Senior Engineer

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From: Christopher Fraser <Christopher.Fraser@planning.nsw.gov.au>

Sent: Thursday, 19 August 2021 3:43 PM

To: Grant Harlow <GHarlow@martens.com.au>

Subject: FW: DA S29/3/97-Mod-1 - Eastern Creek Karts - Request for Information

Chris Fraser

Environmental Assessments Officer

Industry Assessments

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From: Christopher Fraser

Sent: Thursday, 19 August 2021 1:55 PM

To: Paul Mitchell <paulm@cityplan.com.au>; Carlo Di Giulio <carlod@cityplan.com.au>

Subject: DA S29/3/97-Mod-1 - Eastern Creek Karts - Request for Information

Hi Paul, thank you for your recent response (on 30 July 2021) to the Department's Request For Information (RFI)
Please see the attached Letter with Department enquiries on design matters raised from assessment of those Plans
For any enquiries please feel free to make contact with me on the contact information below
Thank you,
Regards,

Chris Fraser

Environmental Assessments Officer
Industry Assessments

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