

Newcastle 500 Civil Works Application Review

Independent Planning Advisory Report

Client:
Destination NSW

Date:
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1 Introduction

Elton Consulting have been engaged by Destination NSW to provide independent planning guidance and support during the assessment of the Civil Works Application (the 'Application') associated with the Newcastle 500 Civil Works Project (the 'Project') and to provide advice on the Works Authorisation and Notice of Conditions.

This report:

- » Describes the Application and Project
- » Indicates the statutory framework under which the Application may be considered
- » Reviews the Application within this framework
- » Recommends a determination for the Application
- » Recommends conditions of consent to be imposed on any approval granted.

The Event

This Application seeks approval for the first Coates Hire Newcastle 500 event (the 'Event'). The Event will be the closing race of the Virgin Australia Supercars Championship Series. Approval is being sought to operate the Event for five years, from 2017 to 2021.

The Site

The proposed race track will be approximately 2.6km in length and will be in the Newcastle East precinct (refer to Figure 1 overleaf).

The Site includes:

- » Wharf Road from Watt Street to Nobbys Road, including the existing roundabouts at these intersections
- » The two existing car parks adjacent to Wharf Road, located within the Foreshore Park, and the parkland between them
- » Nobbys Beach Reserve, integrating the western portion of the existing Pasha Way and the southern end of Horseshoe Beach Car Park
- » Nobbys Road and Parnell Place
- » Scott Street, from Parnell Place to Zaara Street
- » Zaara Street
- » Shortland Esplanade, from Zaara Street to Watt Street
- » Watt Street, from Shortland Esplanade to Wharf Road.

Figure 1 Location of the Event



Source: iEDM

2 Legislative Framework

Motor Racing (Sydney and Newcastle) Act 2008

The *Motor Racing (Sydney and Newcastle) Act 2008* (as amended) (the 'Act') applies to the Newcastle 500 Supercars event. The Act was amended and extended on 1 March 2017 to include the City of Newcastle and this specific Event.

The Act establishes the functions of Destination NSW and provides a framework under which motor racing may be conducted. Furthermore, the Act regulates:

- » Authorisations which may be granted by the Minister and Destination NSW
- » Carrying out of works and
- » Applicability of other laws.

Section 26 of the Act states that Part 5 of the *Environmental Planning and Assessment Act 1979*, which relates to the assessment of development applications, *does not apply in respect of the conduct of a motor race during the motor racing period, or the carrying out of works as authorised under this Act*. Furthermore, no environmental planning instruments can prohibit, require any additional development consent or otherwise restrict the motor race.

The Act also overrides the requirements of the *National Parks and Wildlife Act 1974*, *Local Government Act 1993* and the *Roads Act 1993*.

Newcastle Local Environmental Plan 2012

Pursuant to the Newcastle Local Environmental Plan 2012, the Event is considered a *recreation facility (major)* which is defined as being:

Building or place used for large-scale sporting or recreation activities that are attended by large numbers of people whether regularly or periodically and includes theme parks, sports stadiums, showgrounds, race courses and motor racing tracks.

The Event, and its ancillary and supporting works and structures, will be located within the Newcastle East precinct and will traverse several different zones, including:

- » RE1 Public Recreation
- » R3 Medium Density Residential
- » R4 High Density Residential
- » B4 Mixed Use

A recreation facility (major) is permitted with consent under the B4 Mixed Use zone. However, the use is prohibited under the other zones.

Notwithstanding, the Act clearly states that environmental planning instruments (like the Newcastle Local Environmental Plan 2012) do not prohibit the assessment and approval of a motor racing event such as being proposed. As such, it is possible for the Event to be considered favourably from a planning perspective.

Newcastle Development Control Plan 2012

Section 6.0 of the Newcastle Development Control Plan 2012 (DCP) refers to the Newcastle City Centre. This Section of the DCP seeks to implement the Newcastle Renewal Strategy and provides *a comprehensive set of planning and design guidelines based on the characteristic of distinct areas within the city centre*. The Application is required to comply with the principles for future development and works in the City Centre.

Section 5.07 of the DCP relates to works being undertaken in a Heritage Conservation Area. Although many of the controls contained in this Section relate to building work, Section 5.07.02 Materials and Details in Heritage Conservation Areas applies to the Application. This Section requires:

- » Maximising the reuse of existing materials on a site, and
- » Ensuring the selection of new materials and details that complement the local character.

The design and detailing of the proposed works consider these requirements by reusing the paving stones, where possible, and by using materials which are consistent with the historical character of the area.

Newcastle City Centre Public Domain Technical Manual 2014

Section 4.0 of the Newcastle City Centre Public Domain Technical Manual applies to the Newcastle City Centre. It provides the materials palette selection and the selection criteria for pavement design within and surrounding the race track. This Section also ensures that all work reflects the heritage elements of the area. The design of the pavements will need to respond to these public works requirements.

Plan of Management – The Foreshore 2015

Newcastle City Council's Plan of Management - The Foreshore (POM) was adopted in 2015. The POM identifies the role that the Foreshore plays from a social, cultural and historical perspective. It also identifies a management framework to protect and enhance the Foreshore's future use and potential development opportunities. This Application starts to or completes some of the management actions identified within this POM.

3 Description of Application

The Application seeks approval under the Act for various civil infrastructure works, including:

- » Roads and stormwater works
- » Construction of additional parking
- » Landscaping works
- » Construction of services, including water, electrical, gas, communications, etc.

Specifically, the Application proposes to:

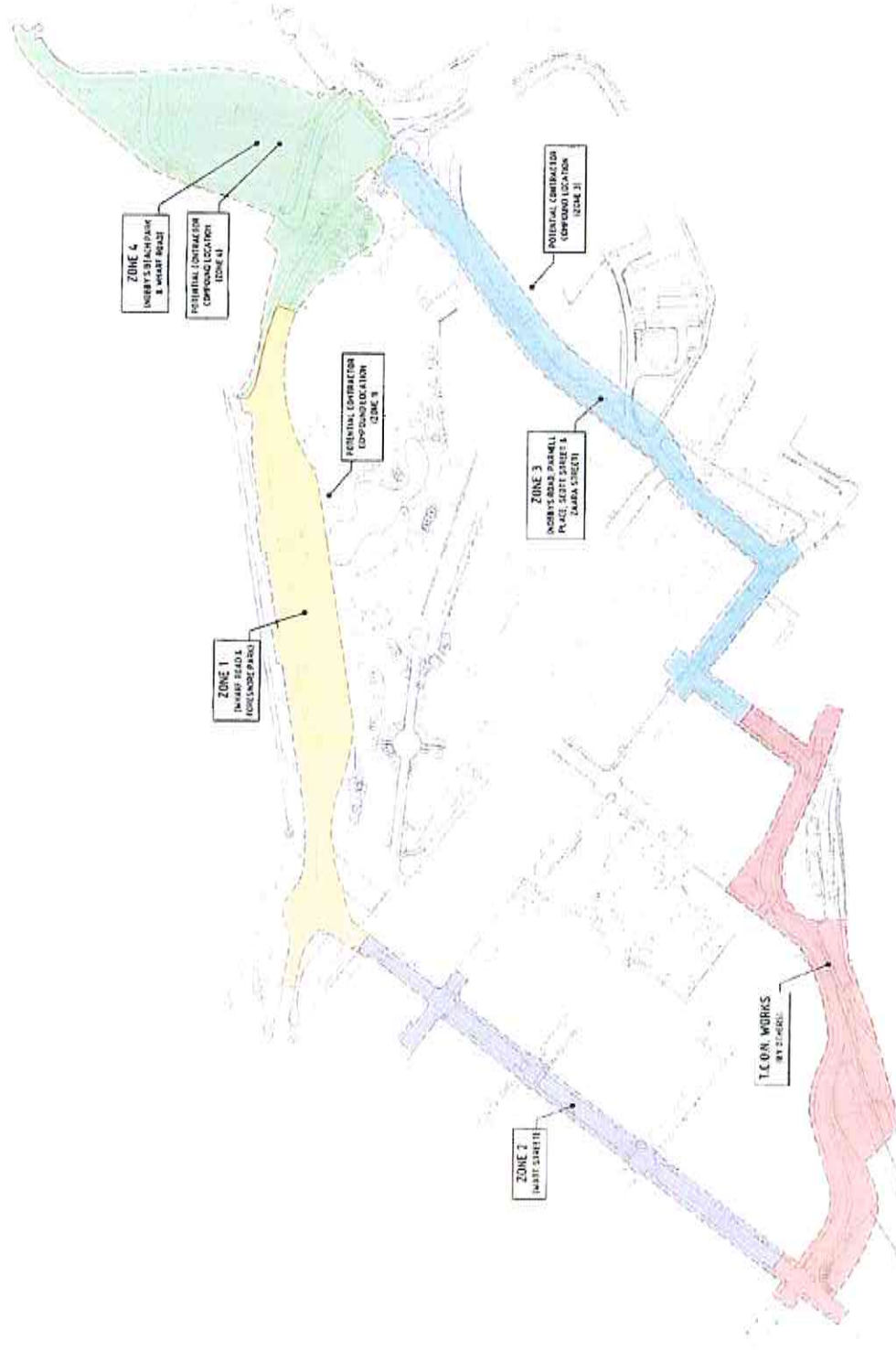
- » Upgrade existing roads
- » Construct a new road through Nobbys Beach Reserve
- » Ancillary works including drainage, footpaths, pedestrian crossings, replacing permanent roundabouts on Wharf Road with moveable ones, expanding existing carparks in Foreshore Park and constructing temporary buildings for the Event.

It is likely that these works will be undertaken between April and November 2017.

A Works Plan has been prepared by Northrop to accompany this Application (refer to Figure 2 overleaf) to show the indicative extent of each works zone.

Additional work will be undertaken by the City of Newcastle under the Bathers Way Coastal Revitalisation Project, which is located along Church Street and Shortland Esplanade, between Zaara Street and Watt Street. These works by Council will comprise significant road, infrastructure and foreshore improvements.

Figure 2 Race track works plan and indicative extent of zones



Source: Northrop

4 Review of Application

This part of the report provides a summary of the reports that have been prepared for this Application and highlights where conditions of consent may be required to mitigate any issues arising from the works or operation of the Event.

Community Consultation

Review

Community consultation commenced in November 2016, where an initial briefing was provided to residents of Newcastle East. Additional events have been held in December 2016, January 2017 and March 2017. Future consultation events will also be organised for April, May and October 2017. These consultation events have been undertaken to comply with section 18 of the Act.

Furthermore, confirmation of the preparation of a Community Engagement Strategy and the establishment of a Community Relations Team for the duration of the project has been provided.

Conditions

It is recommended to impose conditions of authorisation to ensure that the Community Engagement Strategy is implemented and that consultation events are undertaken throughout the course of the works in the lead up to the Event.

Risk Management

Review

This report outlines the Construction Risk Management Plan which confirms the roles and responsibilities of the principal contractor and the engineering project manager (in this case, this is IEDM).

The report also identifies the construction, programming and financial risks associated with the Project. A construction risk register has been prepared providing risk identification, risk analysis, risk evaluation, risk treatment and monitoring and review.

Conditions

It is recommended that conditions of authorisation be imposed requiring the Construction Risk Management Plan, together with the construction risk register, be maintained and be available for inspection throughout the course of works and while the Event is operating.

Access

Review

An Access Report has been prepared to determine if the proposed structures and works meet relevant legislative requirements for people with a disability, including the *Disability Discrimination Act 1992*

(DDA), Building Code of Australia 2016 (BCA) and Disability (Access to Premises – Building) Standards 2010.

The report concludes that generally the proposed works will improve the current infrastructure. However, due to the existing topography, developments and public domain works, the proposed works would not be able to achieve strict compliance with relevant Australian Standards. The report includes recommendations and requirements to improve compliance with the relevant Australian Standards for accessibility and to minimise the risk of action under the *Disability Discrimination Act 1992*.

Conditions

It is recommended to impose conditions of authorisation to ensure the Project complies with the requirements of the *Disability Discrimination Act 1992* and relevant Australian Standards. In circumstances where strict compliance is unable to be achieved due to topographical constraints these should be identified and alternative arrangements made and conditioned accordingly.

Ecology

Review

This report assesses the Project to determine its likely impact on threatened species, populations or ecological communities under the *Environmental Planning and Assessment Act 1979*, the *Threatened Species Conservation Act 1995* and the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*. Furthermore, consideration has been given to State Environmental Planning Policy No. 44 Koala Habitat Protection, the Newcastle Local Environmental Plan 2012 and the Newcastle Development Control Plan 2012.

The report acknowledges that 176 trees and shrubs will be removed to accommodate the race track and ancillary infrastructure. The assessment of these trees and shrubs has indicated that they are introduced species and are not native or endemic to the area.

From the field investigations undertaken, three species were identified as being key subject species/indicator species for the site. This means that they have either been *recorded on site, potentially likely to forage and roost on the site, or the site potentially forms an important part of a local home range for resident species and some potential habitat will be removed* (page 13). These species are *Pandion cristatus* (Eastern Osprey), *Haematopus fuliginosus* (Sooty Oystercatcher) and *Pteropus poliocephalus* (Grey-headed Flying-fox). These species are vulnerable under the *Threatened Species Conservation Act 1995*.

A 7 Part Test under the *Environmental Planning and Assessment Act 1979* was undertaken for these 3 species. The report concludes that the Application will not require the preparation of a Species Impact Statement.

Regarding the State Environmental Planning Policy No. 44, no koala species or their habitats were observed.

Conditions

It is recommended that conditions of authorisation be imposed ensuring that:

- » Trees be retained where possible
- » Prior to removal of any vegetation, a plan be prepared showing the location of trees to be removed
- » The planting schedule and location of these plantings be confirmed to ensure a net increase in canopy cover and

- » Erosion and sedimentation controls are implemented to limit offsite movement of soils after tree removal.

Environmental Site Assessment

Review

An Environmental Site Assessment was undertaken to determine the suitability of surplus materials for re-use (preference) or off-site disposal.

The following table highlights the report recommendations:

Table 1 Environmental Site Assessment recommendations

Location	On-site re-use	Off-site Re-use	Off-site Disposal	Asphalt Re-use
Wharf Road/ Watt Street roundabout		✓ Upper soils	✓ Lower soils	
Wharf Road		✓ Subgrade		✓
Foreshore Park Carpark extension	✓ Landscaped areas	✓ Subgrade		✓
Nobbys Beach Reserve, Horsehoe Beach carpark & Pasha Way	✓ Landscaped areas and subgrade			✓
Wharf Road/ Nobbys Beach roundabout			✓	
Nobbys Road, Parnell Place, Scott Street, Zaara Street, Shortland Esplanade & Watt Street				✓

Source: Valley Civilab

The report further recommends the preparation of a Contamination Management Plan to identify and address opportunities to minimise disturbance of existing soil and pavement profiles.

A Contamination Management Plan was prepared to identify and address opportunities to minimise disturbance of existing soil and pavement profiles. The Plan found that *contamination is known to exist within road pavement in several areas of the site though this pavement is considered suitable in its contaminated state.*

Conditions

It is recommended to impose the following conditions of authorisation:

- » Provide the following information to Newcastle City Council 14 days before work commences:
 - > Investigative reports and the Contamination Management Plan
 - > Contact details for the contractor and responsible party to ensure compliance of work with all relevant regulatory requirements and this Contamination Management Plan
- » To protect nearby residential properties, limit construction hours to:
 - > Monday to Friday: 7am to 6pm
 - > Saturday: 8am to 1pm
 - > No work on Sunday or public holidays
- » Secure fencing shall be maintained where excavation works are to occur with dust screen / mesh secured to the fencing
- » Display the contact details of the contractors on signage to enable contact to be made outside of construction hours for the duration of the works
- » Management measures to mitigate erosion and provide sediment control through the preparation of a Soil and Water Management Plan, which shall be kept on site for the duration of the works
- » All exposed areas shall be stabilised and/or revegetated to prevent dust and erosion on the completion of the works
- » Notification to owners/occupiers adjoining and across the road from each area of the site shall be made by the proponent at least 2 days prior to commencing work in that particular area. A mechanism for community feedback shall be established and communicated to the residents, with feedback being recorded on a register
- » All materials handled during the remediation works shall be tracked to verify appropriate movement and handling
- » All materials shall be managed in accordance with the Contamination Management Plan, and either re-used on-site, re-used off-site or disposed of off-site
- » All equipment and machinery shall be operated in an efficient manner to minimise the emission of noise
- » No offensive odours shall be detected at any boundary of the site during remediation works
- » Removal of asbestos shall be in accordance with *How to Safely Remove Asbestos – Code of Practice* (SafeWork NSW 2016).

Archaeological Assessment

Review

An Archaeological Assessment has been undertaken of the site area. The report concludes that: *The nature of the proposed civil works in terms of excavation to replace existing road surfaces within current road alignments, excavation to replace utilities and excavation in heavily altered and landscaped reserve lands built on reclamation fill suggests that the works are unlikely to expose any significant archaeological remains. If exposed any archaeological remains are likely to be within narrow/limited areas of exposure associated with excavation of trenches for utility installation. Any remains are likely to have been disturbed and possibly be of a fragmentary nature* (page 96).

The report recommends adopting an archaeological monitoring strategy for those areas where there is the potential for any potential archaeological 'relics' or resources to be exposed.

Condition

- » The applicant shall apply for an excavation permit for archaeological monitoring and detailed archaeological excavation pursuant to Section 140 of the Heritage Act 1977. If any significant unexpected archaeological remains are discovered, all works are to cease immediately and the Heritage Division of the Office of Environment and Heritage shall be notified and consulted prior to works recommencing to ensure appropriate management of remains.

Heritage Impact Assessment

Review

A Statement of Heritage Impact has been prepared as part of the Application. The proposed race track and ancillary works are in the vicinity of 22 listed Heritage Items and three listed Heritage Conservation Areas. However, this Statement concludes that the proposal is unlikely to have an impact on the heritage significance of items along the edges of the race track or on the Heritage Conservation Areas.

It is recommended that a condition of authorisation be imposed requiring compliance with the Newcastle City Council's Development Control Plan 2012 and the City Centre Public Domain Technical Manual to ensure that the proposed works reflect the Heritage Conservation Area and its character.

Condition

- » The proposed works shall comply with the requirements for the design of public domain works contained in Newcastle City Council Development Control Plan 2012 and City Centre Public Domain Technical Manual 2014 that relate to the project area.

5 Recommended Decision and Conditions

It is recommended that the Application be authorised, subject to the following conditions:

General

1. The development must be carried out in accordance with:
 - Engineering Drawings prepared by Northrop

Drawing No.	Drawing Name
Zone 01 – Wharf Road	
01-DD-C0.00 B	Cover Sheet and Drawing Schedule
01-DD-C0.01 B	Civil Specifications
01-DD-C0.50 B	Racetrack Works Plan
01-DD-C1.00 B	General Layout Plan
01-DD-C2.00 B	Utilities Part Plan 'A'
01-DD-C2.01 B	Utilities Part Plan 'B'
01-DD-C2.02 B	Utilities Part Plan 'C'
01-DD-C2.03 B	Utilities Part Plan 'D'
01-DD-C3.00 B	Civil Works and Grading Part Plan 'A'
01-DD-C3.01 B	Civil Works and Grading Part Plan 'B'
01-DD-C3.02 B	Civil Works and Grading Part Plan 'C'
01-DD-C3.03 B	Civil Works and Grading Part Plan 'D'
01-DD-C3.50 B	Pit Building Footprint Plan and Details
01-DD-C4.00 B	Setout Control Part Plan 'A'
01-DD-C4.01 B	Setout Control Part Plan 'B'
01-DD-C4.02 B	Setout Control Part Plan 'C'
01-DD-C4.03 B	Setout Control Part Plan 'D'
01-DD-C4.10 B	Setout Control Tables – Sheet 1
01-DD-C4.11 B	Setout Control Tables – Sheet 2
01-DD-C4.20 B	Typical Road Sections – Sheet 1
01-DD-C4.30 B	Road Longitudinal Sections – Sheet 1

Drawing No.	Drawing Name
01-DD-C4.31 B	Road Longitudinal Sections – Sheet 2
01-DD-C4.32 A	Road Longitudinal Sections – Sheet 3
01-DD-C4.50 B	Road Cross Sections – Wharf Road – Sheet 1
01-DD-C4.51 B	Road Cross Sections – Wharf Road – Sheet 2
01-DD-C4.52 B	Road Cross Sections – Wharf Road – Sheet 3
01-DD-C4.53 B	Road Cross Sections – Wharf Road – Sheet 4
01-DD-C4.54 B	Road Cross Sections – Wharf Road – Sheet 5
01-DD-C4.55 A	Road Cross Sections – Wharf Road – Sheet 6
01-DD-C4.56 A	Road Cross Sections – Wharf Road – Sheet 7
01-DD-C4.57 A	Road Cross Sections – Wharf Road – Sheet 8
01-DD-C4.58 A	Road Cross Sections – Wharf Road – Sheet 9
01-DD-C4.60 B	Intersection Detail Plan – Watt Street and Wharf Road
01-DD-C4.61 B	Kerb Return Longitudinal Sections - Sheet 1
01-DD-C4.62 A	Kerb Return Longitudinal Sections - Sheet 2
01-DD-C4.63 A	Kerb Return Longitudinal Sections - Sheet 3
01-DD-C4.64 A	Kerb Return Longitudinal Sections - Sheet 4
01-DD-C5.00 B	Pavement and Road Work Details – Sheet 1
01-DD-C5.01 B	Pavement and Road Work Details – Sheet 2
01-DD-C5.02 B	Pavement and Road Work Details – Sheet 2
01-DD-C6.00 B	Stormwater Drainage Part Plan 'A'
01-DD-C6.01 B	Stormwater Drainage Part Plan 'B'
01-DD-C6.02 B	Stormwater Drainage Part Plan 'C'
01-DD-C6.03 B	Stormwater Drainage Part Plan 'D'
01-DD-C6.20 B	Stormwater Pit Schedule
01-DD-C6.30 B	Stormwater Details – Sheet 1
01-DD-C7.00 B	Pavement Part Plan 'A'
01-DD-C7.01 B	Pavement Part Plan 'B'
01-DD-C7.02 B	Pavement Part Plan 'C'
01-DD-C7.03 B	Pavement Part Plan 'D'
01-DD-C8.00 A	Signage and Linemarking Part Plan 'A'
01-DD-C8.01 A	Signage and Linemarking Part Plan 'B'
01-DD-C8.02 A	Signage and Linemarking Part Plan 'C'

Drawing No.	Drawing Name
01-DD-C8.03 A	Signage and Linemarking Part Plan 'D'
W001	Water Main Replacement
W002	Water Main Replacement
2636-A rev 0	Zone 1 Wharf Road Newcastle Street Circuit Street Lighting and Asset Relocation (Sheets 1 to 4)
2636-A rev 1	Zone 1 Wharf Road Electrical Relocation (sheet 1 of 1)
Zone 02 – Watt Street	
02-DD-C0.00 B	Cover Sheet and Drawing Schedule
02-DD-C0.01 B	Civil Specifications
02-DD-C0.50 B	Racetrack Works Plan
02-DD-C1.00 B	General Layout Plan
02-DD-C2.00 B	Utilities Part Plan 'A'
02-DD-C2.01 B	Utilities Part Plan 'B'
02-DD-C2.02 B	Utilities Part Plan 'C'
02-DD-C2.03 B	Utilities Part Plan 'D'
02-DD-C3.00 B	Civil Works and Grading Part Plan 'A'
02-DD-C3.01 B	Civil Works and Grading Part Plan 'B'
02-DD-C3.02 B	Civil Works and Grading Part Plan 'C'
02-DD-C3.03 B	Civil Works and Grading Part Plan 'D'
02-DD-C4.00 B	Setout Control Part Plan 'A'
02-DD-C4.01 B	Setout Control Part Plan 'B'
02-DD-C4.02 B	Setout Control Part Plan 'C'
02-DD-C4.03 B	Setout Control Part Plan 'D'
02-DD-C4.10 B	Setout Control Tables
02-DD-C4.20 B	Typical Road Sections – Sheet 1
02-DD-C4.30 B	Road Longitudinal Sections – Sheet 1
02-DD-C4.31 B	Road Longitudinal Sections – Sheet 2
02-DD-C4.32 B	Road Longitudinal Sections – Sheet 3
02-DD-C4.33 B	Road Longitudinal Sections – Sheet 4
02-DD-C4.34 B	Road Longitudinal Sections – Sheet 5
02-DD-C4.35 B	Road Longitudinal Sections – Sheet 6
02-DD-C4.36 B	Road Longitudinal Sections – Sheet 7

Drawing No.	Drawing Name
02-DD-C4.40 C	Road Cross Sections Watt Street – Sheet 1
02-DD-C4.41 C	Road Cross Sections Watt Street – Sheet 2
02-DD-C4.42 C	Road Cross Sections Watt Street – Sheet 3
02-DD-C4.43 C	Road Cross Sections Watt Street – Sheet 4
02-DD-C4.44 C	Road Cross Sections Watt Street – Sheet 5
02-DD-C4.45 C	Road Cross Sections Watt Street – Sheet 6
02-DD-C4.46 C	Road Cross Sections Watt Street – Sheet 7
02-DD-C4.50 C	Road Cross Sections – Scott Street – Sheet 1
02-DD-C4.60 B	Intersection Detail Plan – Watt and Scott Street
02-DD-C4.61 B	Intersection Detail Plan – Watt and Hunter Street
02-DD-C4.62 B	Intersection Detail Plan – Watt and King Street
02-DD-C5.00 B	Pavement and Road Work Details – Sheet 1
02-DD-C6.00 B	Stormwater Drainage Part Plan 'A'
02-DD-C6.01 B	Stormwater Drainage Part Plan 'B'
02-DD-C6.02 B	Stormwater Drainage Part Plan 'C'
02-DD-C6.03 B	Stormwater Drainage Part Plan 'D'
02-DD-C6.10 B	Stormwater Drainage Longitudinal Sections – Sheet 1
02-DD-C6.11 B	Stormwater Drainage Longitudinal Sections – Sheet 2
02-DD-C6.20 B	Stormwater Pit Schedule
02-DD-C6.30 B	Stormwater Details – Sheet 1
02-DD-C7.00 B	Pavement Part Plan 'A'
02-DD-C7.01 B	Pavement Part Plan 'B'
02-DD-C7.02 B	Pavement Part Plan 'C'
02-DD-C7.03 B	Pavement Part Plan 'D'
02-DD-C8.00 A	Signage and Linemarking Part Plan 'A'
02-DD-C8.01 A	Signage and Linemarking Part Plan 'B'
02-DD-C8.02 A	Signage and Linemarking Part Plan 'C'
02-DD-C8.03 A	Signage and Linemarking Part Plan 'D'
W001 A	Water Main Replacement
W002 A	Water Main Replacement
W003 A	Water Main Replacement

Drawing No.	Drawing Name
Zone 03 – Nobbys Road, Zaara Street	
03-DD-C0.00 B	Cover Sheet and Drawing Schedule
03-DD-C0.01 B	Civil Specifications
03-DD-C0.50 B	Racetrack Works Plan
03-DD-C1.00 B	General Layout Plan
03-DD-C2.00 B	Utilities Part Plan 'A'
03-DD-C2.01 B	Utilities Part Plan 'B'
03-DD-C2.02 B	Utilities Part Plan 'C'
03-DD-C2.03 B	Utilities Part Plan 'D'
03-DD-C2.04 B	Utilities Part Plan 'E'
03-DD-C3.00 B	Civil Works and Grading Part Plan 'A'
03-DD-C3.01 B	Civil Works and Grading Part Plan 'B'
03-DD-C3.02 B	Civil Works and Grading Part Plan 'C'
03-DD-C3.03 B	Civil Works and Grading Part Plan 'D'
03-DD-C3.04 B	Civil Works and Grading Part Plan 'E'
03-DD-C4.00 A	Setout Control Part Plan 'A'
03-DD-C4.01 A	Setout Control Part Plan 'B'
03-DD-C4.02 A	Setout Control Part Plan 'C'
03-DD-C4.03 A	Setout Control Part Plan 'D'
03-DD-C4.04 A	Setout Control Part Plan 'E'
03-DD-C4.05 A	Setout Control Tables
03-DD-C4.20 B	Typical Road Sections – Sheet 1
03-DD-C4.21 B	Typical Road Sections – Sheet 2
03-DD-C4.30 B	Road Longitudinal Sections – Sheet 1
03-DD-C4.31 B	Road Longitudinal Sections – Sheet 2
03-DD-C4.32 B	Road Longitudinal Sections – Sheet 3
03-DD-C4.40 C	Road Cross Sections – Parnell Place and Nobbys Road – Sheet 1
03-DD-C4.41 C	Road Cross Sections – Parnell Place and Nobbys Road – Sheet 2
03-DD-C4.42 C	Road Cross Sections – Parnell Place and Nobbys Road – Sheet 3

Drawing No.	Drawing Name
03-DD-C4.43 C	Road Cross Sections – Parnell Place and Nobbys Road – Sheet 4
03-DD-C4.44 C	Road Cross Sections – Parnell Place and Nobbys Road – Sheet 5
03-DD-C4.50 B	Intersection Detail Plan – Zaara Street and Scott Street
03-DD-C4.51 B	Intersection Detail Plan – Stevenson Place and Parnell Street
03-DD-C4.52 B	Intersection Detail Plan – Nobbys Road, Parnell Place, Fort Drive and Fort Access Road
03-DD-C4.53 B	Nobbys Road, Parnell Place, Fort Drive and Fort Access Road – Return Longitudinal Sections
03-DD-C4.54 B	Intersection Detail Plan – Nobbys Road and Wharf Road
03-DD-C5.00 B	Pavement and Road Work Details – Sheet 1
03-DD-C6.00 B	Stormwater Drainage Part Plan 'A'
03-DD-C6.01 B	Stormwater Drainage Part Plan 'B'
03-DD-C6.02 B	Stormwater Drainage Part Plan 'C'
03-DD-C6.03 B	Stormwater Drainage Part Plan 'D'
03-DD-C6.04 B	Stormwater Drainage Part Plan 'E'
03-DD-C6.10 B	Stormwater Drainage Longitudinal Sections – Sheet 1
03-DD-C6.11 B	Stormwater Drainage Longitudinal Sections – Sheet 2
03-DD-C6.20 B	Stormwater Pit Schedule
03-DD-C6.30 B	Stormwater Details – Sheet 1
03-DD-C7.00 B	Pavement Part Plan 'A'
03-DD-C7.01 B	Pavement Part Plan 'B'
03-DD-C7.02 B	Pavement Part Plan 'C'
03-DD-C7.03 B	Pavement Part Plan 'D'
03-DD-C7.04 B	Pavement Part Plan 'E'
03-DD-C8.00 A	Signage and Linemarking Part Plan 'A'
03-DD-C8.01 A	Signage and Linemarking Part Plan 'B'
03-DD-C8.02 A	Signage and Linemarking Part Plan 'C'
03-DD-C8.03 A	Signage and Linemarking Part Plan 'D'
03-DD-C8.04 A	Signage and Linemarking Part Plan 'E'
W001 A	Water Main Replacement
W002 A	Water Main Replacement

Drawing No.	Drawing Name
W003 A	Water Main Replacement
W004 A	Water Main Replacement
2660-A rev 0	Zone 3 Nobbys Road Street Circuit Street Lighting and Asset Relocation (sheets 1 to 4)
2660-1 rev 1	Zone 3 Nobbys Road Electrical Relocation
Zone 04 – Nobby's Beach Park	
04-DD-C0.00 B	Cover Sheet and Drawing Schedule
04-DD-C0.01 B	Civil Specifications
04-DD-C0.50 B	Racetrack Works Plan
04-DD-C1.00 B	General Layout Plan
04-DD-C2.00 B	Utilities Part Plan 'A'
04-DD-C2.01 B	Utilities Part Plan 'B'
04-DD-C2.02 B	Utilities Part Plan 'C'
04-DD-C2.03 B	Utilities Part Plan 'D'
04-DD-C2.04 B	Utilities Part Plan 'E'
04-DD-C3.00 B	Civil Works and Grading Part Plan 'A'
04-DD-C3.01 B	Civil Works and Grading Part Plan 'B'
04-DD-C3.02 B	Civil Works and Grading Part Plan 'C'
04-DD-C3.03 B	Civil Works and Grading Part Plan 'D'
04-DD-C3.04 B	Civil Works and Grading Part Plan 'E'
04-DD-C4.00 B	Setout Control Part Plan 'A'
04-DD-C4.01 B	Setout Control Part Plan 'B'
04-DD-C4.02 B	Setout Control Part Plan 'C'
04-DD-C4.03 B	Setout Control Part Plan 'D'
04-DD-C4.04 B	Setout Control Part Plan 'E'
04-DD-C4.20 B	Typical Road Sections – Sheet 1
04-DD-C4.21 B	Typical Road Sections – Sheet 2
04-DD-C4.30 B	Road Longitudinal Sections – Sheet 1
04-DD-C4.31 B	Road Longitudinal Sections – Sheet 2
04-DD-C4.32 B	Road Longitudinal Sections – Sheet 3
04-DD-C4.33 B	Road Longitudinal Sections – Sheet 4
04-DD-C4.35 B	Kerb Return Longitudinal Sections – Sheet 1

Drawing No.	Drawing Name
04-DD-C4.36 A	Kerb Return Longitudinal Sections – Sheet 2
04-DD-C4.40 B	Carpark Longitudinal Sections – Sheet 1
04-DD-C4.45 B	Footpath Longitudinal Sections – Sheet 1
04-DD-C4.50 C	Road Cross Sections – MC401 – Sheet 1
04-DD-C4.51 C	Road Cross Sections – MC401 – Sheet 2
04-DD-C4.55 C	Road Cross Sections – MC402 – Sheet 1
04-DD-C4.56 C	Road Cross Sections – MC402 – Sheet 2
04-DD-C4.57 C	Road Cross Sections – MC402 – Sheet 3
04-DD-C4.58 C	Road Cross Sections – MC402 – Sheet 4
04-DD-C4.60 C	Road Cross Sections – MC403 – Sheet 1
04-DD-C4.61 C	Road Cross Sections – MC403 – Sheet 2
04-DD-C4.62 C	Road Cross Sections – MC403 – Sheet 3
04-DD-C4.65 C	Road Cross Sections – MC404 – Sheet 1
04-DD-C4.70 C	Carpark Cross Sections – CP401 & CP402 – Sheet 1
04-DD-C4.75 C	Footpath Cross Sections – FP401 – Sheet 1
04-DD-C4.80 C	Footpath Cross Sections – FP402 – Sheet 1
04-DD-C4.81 C	Footpath Cross Sections – FP402 – Sheet 2
04-DD-C5.00 B	Pavement and Road Work Details – Sheet 1
04-DD-C5.01 A	Pavement and Road Work Details – Sheet 2
04-DD-C6.00 B	Stormwater Drainage Part Plan 'A'
04-DD-C6.01 B	Stormwater Drainage Part Plan 'B'
04-DD-C6.02 B	Stormwater Drainage Part Plan 'C'
04-DD-C6.03 B	Stormwater Drainage Part Plan 'D'
04-DD-C6.04 B	Stormwater Drainage Part Plan 'E'
04-DD-C6.10 B	Stormwater Drainage Longitudinal Sections – Sheet 1
04-DD-C6.11 A	Stormwater Drainage Longitudinal Sections – Sheet 2
04-DD-C6.20 B	Stormwater Pit Schedule
04-DD-C7.00 B	Pavement Part Plan 'A'
04-DD-C7.01 B	Pavement Part Plan 'B'
04-DD-C7.02 B	Pavement Part Plan 'C'
04-DD-C7.03 B	Pavement Part Plan 'D'
04-DD-C7.04 B	Pavement Part Plan 'E'

Drawing No.	Drawing Name
04-DD-C8.00 A	Signage and Linemarking Part Plan 'A'
04-DD-C8.01 A	Signage and Linemarking Part Plan 'B'
04-DD-C8.02 A	Signage and Linemarking Part Plan 'C'
04-DD-C8.03 A	Signage and Linemarking Part Plan 'D'
04-DD-C8.04 A	Signage and Linemarking Part Plan 'E'
2661-A rev 0	Zone 4 Nobbys Carpark Newcastle Street Circuit Street Lighting and Asset Relocation (sheets 1 to 3)
2661-A rev 1	Zone 4 Nobbys Carpark Electrical Relocation (Sheet 1 of 1)
W001 A	Water Main Replacement
W002 A	Water Main Replacement

- Construction Risk Management Plan prepared by iEDM and dated 15 March 2017
- Disability Discrimination Act (DDA) Statement of Consistency prepared by iEDM and dated 14 March 2017
- Ecological Assessment Report for Proposed Newcastle 500 Supercars Layout Works at Newcastle/Newcastle Easy prepared by Anderson Environment and Planning and dated 13 February 2017
- Environmental Site Assessment Newcastle Street Circuit Newcastle NSW prepared by ValleyCivilab and dated 1 February 2017
- Contamination Management Plan Newcastle Street Circuit rev 2 prepared by ValleyCivilab
- Newcastle East End Archaeological Assessment Final prepared by Umwelt (Australia) Pty Ltd and dated April 2017
- Statement of Heritage Impact prepared by Placemark Architecture and Cultural Heritage and dated 03.04.2017

subject to any variations and requirements set out in the conditions of authorisation.

2. This consent is valid for a period of five (5) years from the date of authorisation.
3. It is the responsibility of the applicant to ensure compliance with the conditions of this authorisation.
4. The applicant shall ensure that all contractors engaged to carry out work are aware of the conditions of this authorisation and that these contractors are able to comply with the relevant conditions. A copy of the approved drawings and reports, together with a copy of the authorisation, are to be retained on site at all times while works permitted by this authorisation are carried out.

Public Safety

5. All construction activities at the site shall be undertaken in accordance with the approved Risk Management Plan, Environmental Site Assessment and Contamination Management Plan.
6. The applicant shall notify Newcastle City Council in writing of the project commencement in terms of construction activity at least 14 days prior to the commencement date.

7. All construction related activity shall be restricted to between 7:00am and 6:00pm Mondays to Fridays inclusive, and 8:00am to 1:00pm on Saturdays. There shall be no work on Sundays or public holidays.
8. At least 14 days prior to the commencement of works, the applicant shall submit to Destination NSW and Newcastle City Council:
 - a. A schedule of works for the construction activities
 - b. Any investigative reports and the Contamination Management Plan
 - c. Contact details for the contractor and the responsible party to ensure compliance of work with all relevant regulatory requirements and the Contamination Management Plan.
9. All construction works shall comply with the Disability Discrimination Act 1992, the Building Code of Australia 2016 and the Disability (Access to Premises – Buildings) Standards 2010, where possible.
10. Display the contact details of the contractors on signage to enable contact to be made outside of construction hours for the duration of the works.

Environmental Protection

11. The applicant shall prepare a Work Health and Safety Plan which will include provisions for limiting potential exposure to identified contaminants.
12. Secure fencing shall be maintained where excavation works are to occur with dust screen/mesh being secured to this fencing.
13. A Soil and Water Management Plan (SWMP) which describes measures that will be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction activities shall be prepared and submitted for authorisation by Destination NSW. The SWMP shall be prepared in general accordance with *Managing Urban Stormwater – Soils and Construction* (Landcom 2004) and shall be kept on site throughout the development program. Management measures shall be implemented as soon as practicable prior to the commencement of works.
14. All exposed areas shall be progressively stabilised and/or revegetated to prevent dust and erosion on the completion of development works.
15. All materials excavated as part of these works shall be assessed and appropriately classified and managed for on-site re-use, off-site re-use or off-site disposal, as identified and recommended in the approved Contamination Management Plan.
16. Movement of vehicles shall be controlled by the approved Contractor Transport Management Plan.
17. Dust emissions shall be confined within the site boundaries.
18. Where required, disturbance of coal tar impacted asphalt shall occur using non-milling methods and the work shall be kept damp.
19. The disposal of contaminated soil shall have regard to the provision of both the Protection of the Environment Operations Act 1997 and Regulations and relevant state agency waste guidelines.
20. All equipment and machinery shall be operated in an efficient manner to minimise the emission of noise.
21. The use of any plant and/or machinery shall not cause vibrations in excess of the relevant NSW State Government guidelines and Australian Standards, on any premises.

22. No offensive odours shall be detected at any boundary of the site during remediation works by an authorised Council Officer.
23. In the event of any unexpected conditions being encountered, the works shall cease immediately and a revised approach to management of contamination shall be developed through consultation with a suitably qualified environmental representative.
24. If dewatering is required, approval shall be obtained from Hunter Water Corporation for disposal to sewer or a liquid waste transporter for treatment/disposal to an appropriate waste treatment/processing facility.
25. Removal of asbestos shall be in accordance with *How to Safely Remove Asbestos – Code of Practice* (SafeWork NSW 2016).

Heritage Protection

26. The applicant shall apply for an excavation permit for archaeological monitoring and detailed archaeological excavation pursuant to Section 140 of the Heritage Act 1977. If any significant unexpected archaeological remains are discovered, all works are to cease immediately and the Heritage Division of the Office of Environment and Heritage shall be notified and consulted prior to works recommencing to ensure appropriate management of remains.
27. The proposed works shall comply with the requirements for the design of public domain works contained in Newcastle City Council Development Control Plan 2012 and City Centre Public Domain Technical Manual 2014 that relate to the project area.

Reporting Requirements

28. A Construction Risk Register shall be maintained and be available for inspection through the course of construction works and the duration of the event.
29. All materials handled during the remediation works shall be tracked to verify appropriate movement and handling.

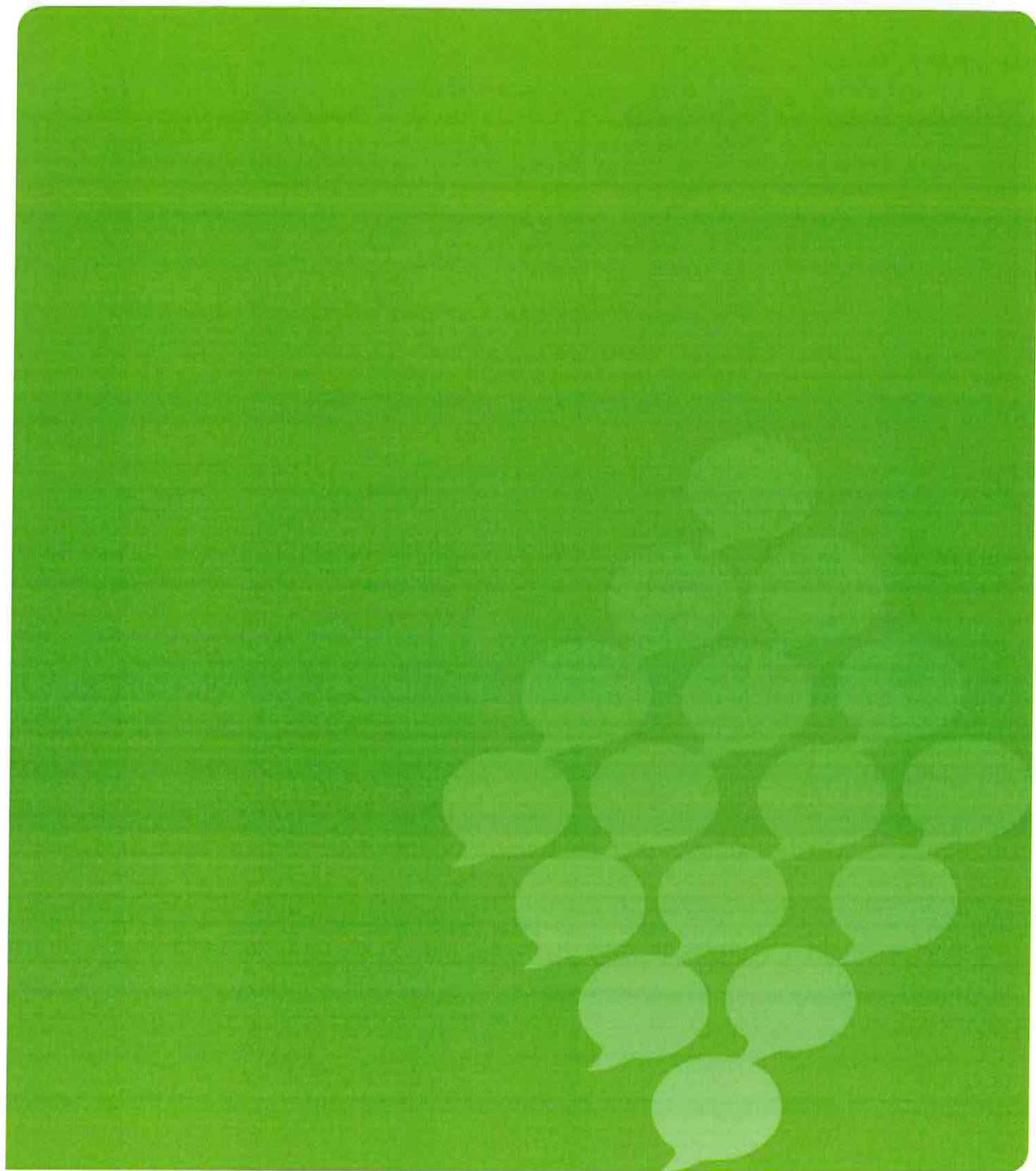
Reinstatement of Land

30. Prior to the commencement of works, the proponent shall prepare and seek consent for a Landscape Rehabilitation Plan by Destination NSW and the Newcastle City Council.
31. The Landscape Rehabilitation Plan shall include:
 - a. A plan showing trees and shrubs which will be retained and removed
 - b. The planting schedule and location of these plantings to ensure a net increase in canopy cover
 - c. Plans indicating extent of rehabilitation and reinstatement of any lands affected by the authorised activities
 - d. Parties responsible for implementing and funding these works

Consultation Requirements

32. Prior to the commencement of works, the applicant shall ensure that a community hotline number for questions and complaints is established. This number must be attended during construction work hours and all complaints recorded and acted upon as required. This number and its purpose is to be clearly advertised on the perimeter of the site at various locations, including the entrance to the site. Prior to the commencement of works, the applicant shall provide the details of the hotline number to Destination NSW and Newcastle City Council.

33. Prior to the commencement of works, owners and/or occupants of premises adjoining and across the road from each area of the site shall be notified by the proponent at least two (2) days prior to the commencement of development works in each area. Notification shall occur in a manner which allows a clear record of persons notified to be established.
34. The applicant shall implement and comply with the Community Engagement Strategy prepared by Supercars Australia.



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