



This document is approved subject to the notes, advice and conditions listed in Development Consent No. DA/101/2019 Dated. 4 November 2020

GENERAL MANAGER

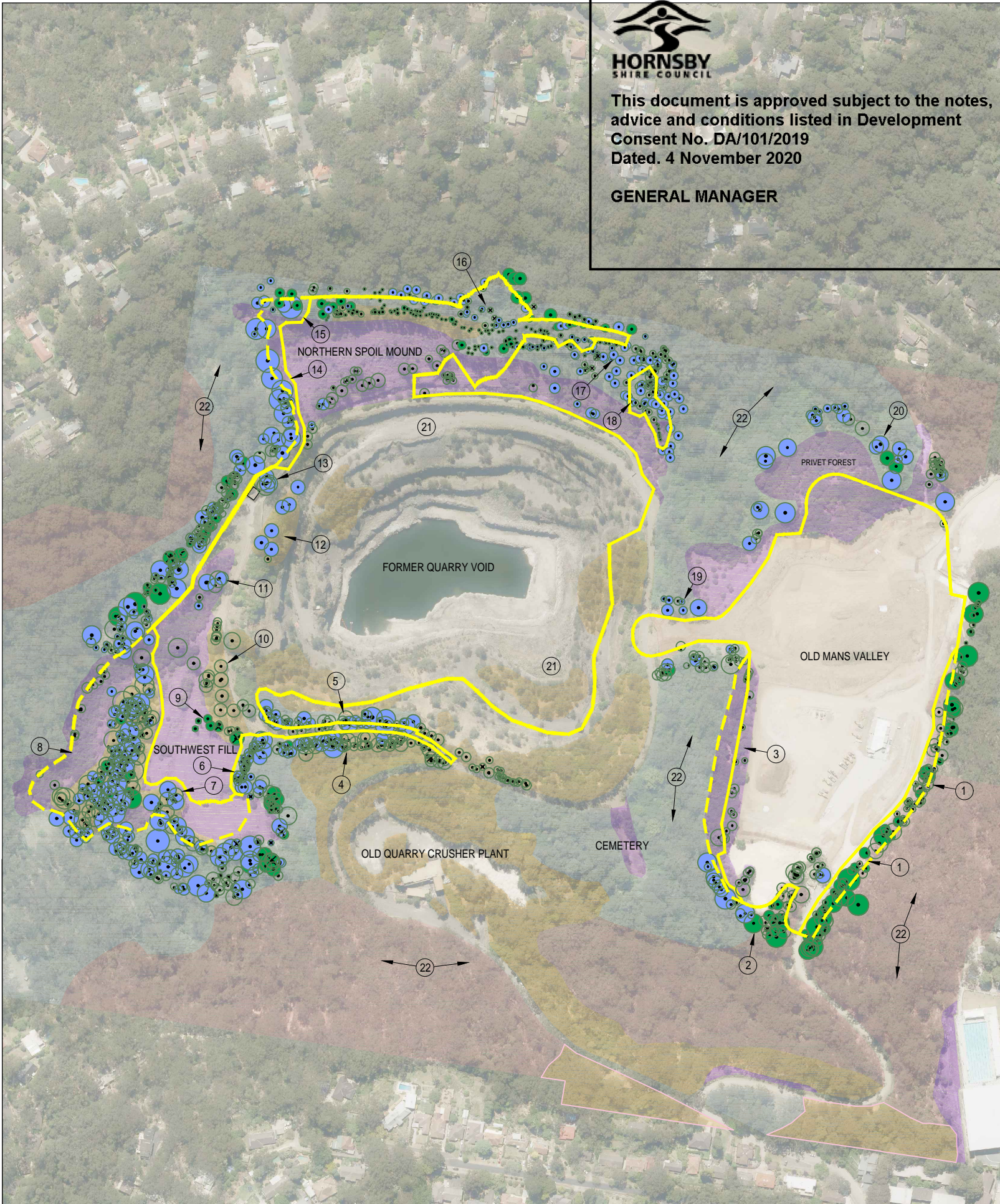
NOTES - VEGETATION AND EXTENT OF WORKS

- ① **Old Mans Valley (eastern edge area)**
Significant trees and vegetation in this area are being protected. The Extent of Works line has been adjusted to protect Blackbutt Gully Forest. It is noted that the root zone of most trees here sit on a rock shelf high above the area of works.
- ② **Old Mans Valley (south area)**
Design adjustments have been made to protect a Blue Gum tree in this vicinity.
- ③ **Old Mans Valley (west area)**
The limit of works line has been adjusted to protect vegetation this area. Substantial rehabilitation and restoration of natural vegetation is planned for this area.
- ④ **Quarry South Track (upper side)**
Very steep slopes with unconsolidated soils exist in this area. Significant native trees in this area will be retained and protected, as they are outside the Extent of Works. Some trees in this area have fallen due to extreme slope and unconsolidated soils. Trees that pose an unreasonable risk will be removed.
- ⑤ **Quarry South Track (lower side and Quarry Void slope)**
Essential engineering works will be carried out to stabilise this track. Trackside vegetation protection will be prioritised in design and works. Extremely steep unstable slopes of the southern quarry walls will require detailed assessment. Depending on findings, works along the top of the cliff may require the removal of unstable trees that are vulnerable to failure and may contribute to further slope instability.
- ⑥ **South West Area (east side)**
Blue Gum and Blackbutt vegetation in this area will be protected and enhanced over time.
- ⑦ **South West Area (south side)**
The Extent of Works has been amended here to ensure protection of quality vegetation, including Blue Gum and Blackbutt trees in this area.
- ⑧ **South West Area (west side)**
The Extent of Works has been amended here to ensure protection of quality vegetation, including Blue Gum and Blackbutt trees in this area.
- ⑨ **South West Area (central area)**
Due to the need to regrade this area, it is likely that 5 Blackbutt trees in this area will require removal. Substantial planting, rehabilitation and restoration of natural vegetation is planned for this area.
- ⑩ **South West Area (central area)**
Due to the need to regrade this area, it is likely that some non-endemic Casuarina trees will require removal. Substantial planting, rehabilitation and restoration of natural vegetation is planned for this area.
- ⑪ **South West Area (north area)**
Due to the need to substantially regrade and stabilise this area, it is likely that 3 Blue Gums in this area will be removed. Substantial planting, rehabilitation and restoration of natural vegetation is planned for this area.
- ⑫ **Quarry Void (western edge)**
While every effort will be made to retain trees in this area, due to stabilisation and regrading works it is likely Blue Gum trees growing on the quarry void edge will require removal. Substantial planting, rehabilitation and restoration of natural vegetation is planned for this area.
- ⑬ **Fuel Tank Area**
Protection of Blue Gum trees in this area is a high priority in design and works.
- ⑭ **Northern Spoil Mound (western edge)**
Significant forest trees and vegetation in this area is being protected. The Extent of Works line has been adjusted to ensure protection of Blue Gum trees in this area.
- ⑮ **Northern Spoil Mound (north-west)**
The Extent of Works line has been adjusted to ensure protection of Blue Gum trees in this area.

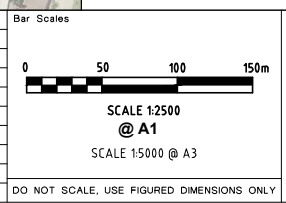
- ⑯ **Northern Spoil Mound (central area)**
Due to an identified high risk of potential slope failure, this area will be subject to essential regrading, drainage rectification and remediation. As a result, tree vegetation in this area will need to be removed. With the works providing improved conditions for revegetation, substantial planting and restoration of natural forest vegetation is planned for this area. Adjacent areas outside the Extent of Works line will be protected.
- ⑰ **Northern Spoil Mound**
This area is outside the Extent of Works line. Regrading and drainage rectification works required in parts of the Northern Spoil Mound (central area), will ensure the long-term stability of this vegetated embankment.
- ⑱ **Northern Spoil Mound (north works area)**
Due to an identified high risk of potential slope failure, this area will be subject to essential regrading and remediation. As a result, tree vegetation within the Extent of Works line will need to be removed. With the works providing improved conditions for revegetation, substantial planting and restoration of natural forest vegetation is planned for this area. Adjacent areas out of the limit of works line will be protected.
- ⑲ **Quarry Access Track**
The trees in this area are outside the Extent of Works. They will be protected.
- ⑳ **Old Mans Valley (north)**
The trees in this area are outside the Extent of Works. They will be protected.
- ㉑ **Quarry Void Walls and Ramps**
Geotechnical advice will further inform retention or removal of primarily non-endemic vegetation in these areas. Planting and restoration are planned for some areas within the Quarry Void to enhance habitat and amenity of the area.
- ㉒ **Hornsby Park Areas Generally**
The preliminary Vegetation Management Plan (VMP) is a key component of the overall environmental 'Offsets Package' for the Hornsby Park proposal. It will guide the development of a final detailed VMP for the sites' natural forest environment restoration and rehabilitation. The Offsets Package will include the final VMP to guide ongoing management of the site's biodiversity values in perpetuity.

LEGEND

- Blue Gum (*Eucalyptus saligna*)
- Blackbutt (*Eucalyptus pilularis*)
- Other surveyed trees
- Dead Tree
- Former extent of works line
- Revised extent of works line
- CEEC Blue Gum High Diatreme Forest areas
- Blackbutt Gully Forest (good quality/ regeneration)
- Blackbutt Gully Forest (moderate/ poor quality/ regeneration)
- Blackbutt Gully Forest (poor quality/ regeneration)



Hornsby Shire Council Major Projects Branch		Designer HSC	Design Checked-Landscape Co-ordinator						
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Authorised for release - Landscape Coordinator		Surveyor HSC	Field Book	Level Book	AHD Datum				
Name: R. MINTER		Project Identifier \ CAD File Name Hornsby Park Project - Vegetation and EOW							
Signed:		TRIM Document Number							
Date:		A FOR INFORMATION - REVISED EXTENT OF WORKS AND VEG MAPPING			JAMES FRAWLEY	JF	07.11.19		
		Issue			Description	Name	Initial	Date	
		Design not to be amended without authorisation by Manager Major Projects							



REVISED EXTENT OF WORKS AND VEGETATION MAPPING

Project Number 100125	
Sheet 1	of 1
Issue A	
HSC Drawing Number -	