WOYWOY ROAD KARIONG

CONSOLIDATED CONSTRAINTS MAPPING AND INDICATIVE CONCEPT PLAN

PREPARED FOR

DARKINJUNG LOCAL ABORIGINAL LAND COUNCIL

17 JAN 2020 FINAL REPORT

INTRODUCTION

This document provides a summary of the technical investigations undertaken to inform and support the progression of the Planning Proposal for Lots 512 and 513 DP 727686 located at Woy Woy Road, Kariong. It consist of three sections as follow:

- · Project Background;
- Development Footprint Identification and Consolidated Constraints Mapping; and
- Indicative Concept Plan

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PROJECT BACKGROUND

In February 2019, Darkinjung Local Aboriginal Land Council (DLALC) identified the proposed rezoning of their land on Lots 512 and 513 DP 727686, Kariong in the Interim Darkinjung Development Delivery Plan with a total area of 13.2 ha for urban expansion purpose.

While the Central Coast Regional Plan 2036 does not propose the expansion of the Kariong urban area, it does identify the potential for development at the urban fringe provided sites can be efficiently serviced and areas with high environmental values and hazards are avoided. The regional plan also supports housing delivery in and near growth corridors.

A letter from DPIE in response to the proposed rezoning confirmed the following quiding principles for the rezoning proposal:

- A high-level assessment of land on the urban fringe at Kariong has been undertaken. The findings confirm that the northern part of Lots 512 and 513 DP 727686 has sufficient strategic merit to be further considered for rezoning subject to further planning investigation.
- Any rezoning proposal will need to identify that servicing and infrastructure needs can be met and, where necessary, include commitments to provide infrastructure upgrades.
- The eastern and southern edges of the land will need to provide suitable buffers to the adjoining national park and proposed regional biodiversity corridor.
 Potential conflicts with the large lot residential development to the north should be assessed and mitigated.
- The development footprint should demonstrate the avoidance of impacts on vegetation, assess the impacts of any unavoidable clearing and propose an offset strategy.
- The developable area should be in the north of the site, with the transmission line easement forming a logical southern extent of urban development
- Appropriate assessment of Aboriginal cultural heritage is to be undertaken and impacts avoided.

DEVELOPMENT FOOTPRINT IDENTIFICATION AND CONSOLIDATED CONSTRAINTS MAPPING

A technical investigations have been consolidated through a sieve mapping process to identify the development footprint and inform the consolidated developable area for the subject site.

The sieve mapping process considers the following environmental constraints to determine the development footprint:

- Slope and Topography;
- Aboriginal Heritage Items;
- Zoning; and
- Easement

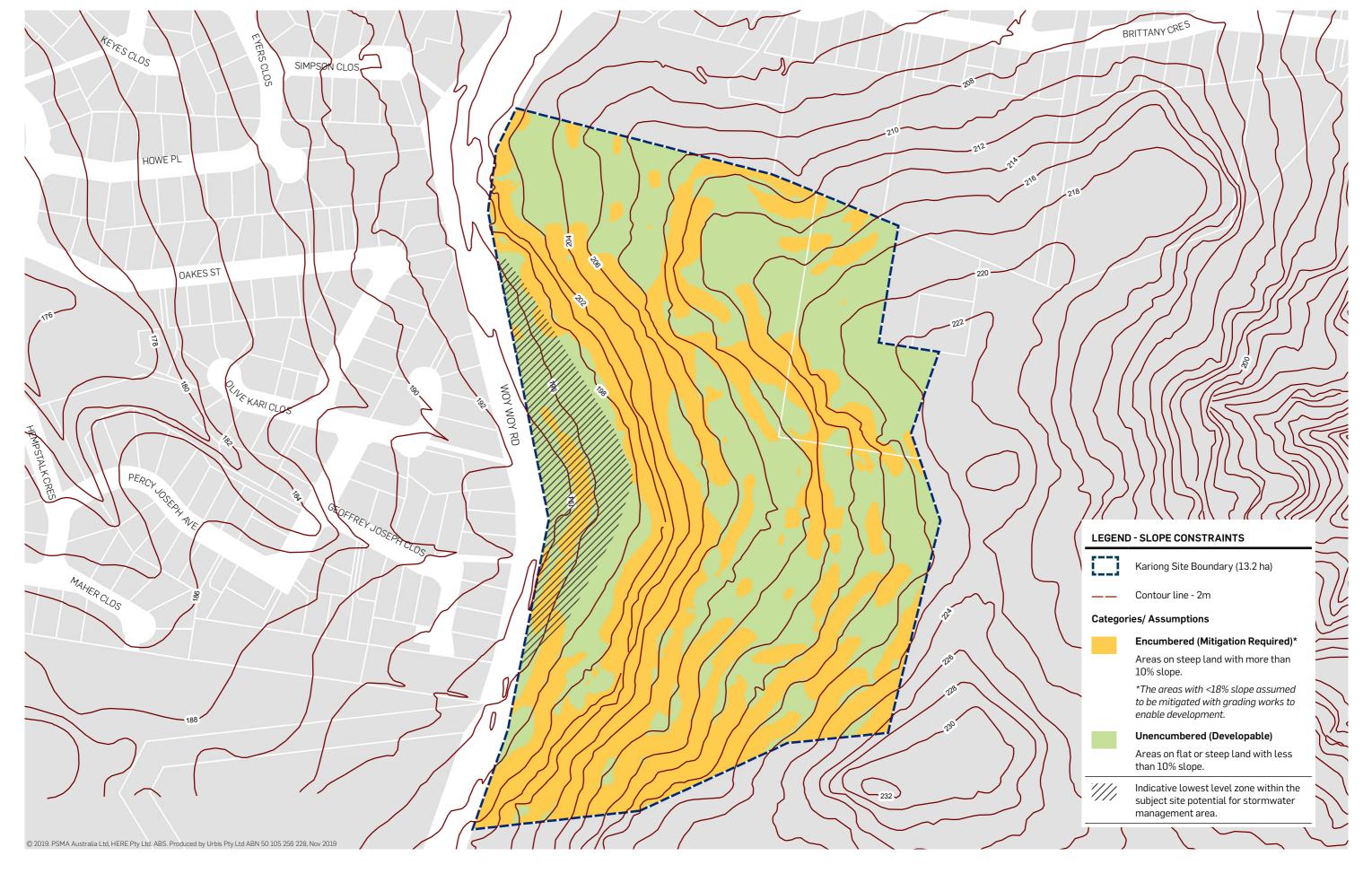
In addition to the above analysis, the following development constraints analysis has been undertaken to identify the developable area:

- Bushfire Assessment;
- Access and Movement;
- Consolidated Constraints Mapping.

Each constraint has been classified under 3 categories as follow:

- **Encumbered (No Development):** Areas affected by constraints that are unsuitable for any future development.
- Encumbered (Mitigation Required): Areas affected by constraints that can be mitigated, where future development is possible prior to further investigation and implementation of mitigation strategies.
- **Unencumbered (Developable):** Areas not affected by any constraints, where future development can more likely be placed.

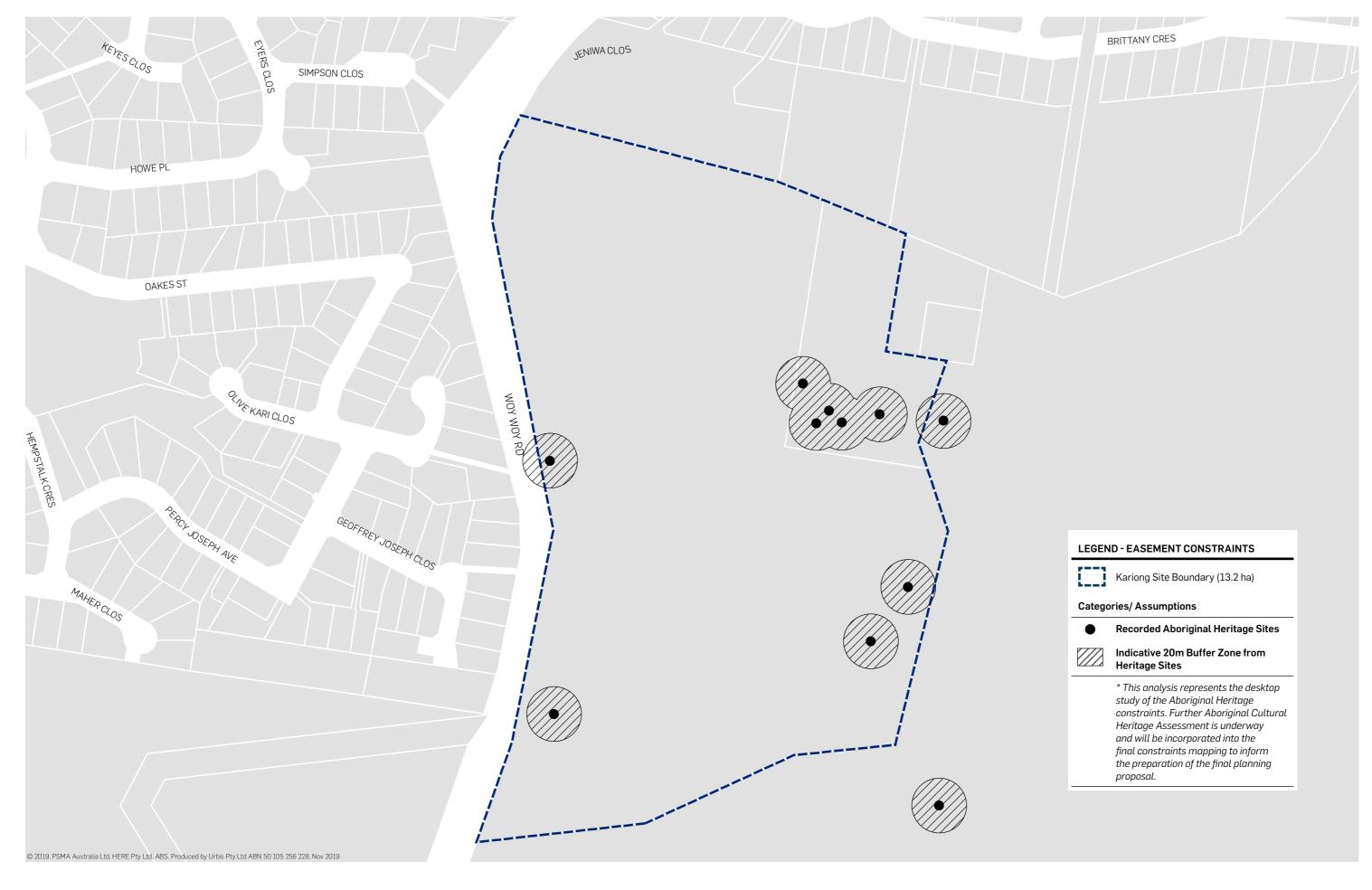
Assumption informing the constraints categorisation are noted on each page.





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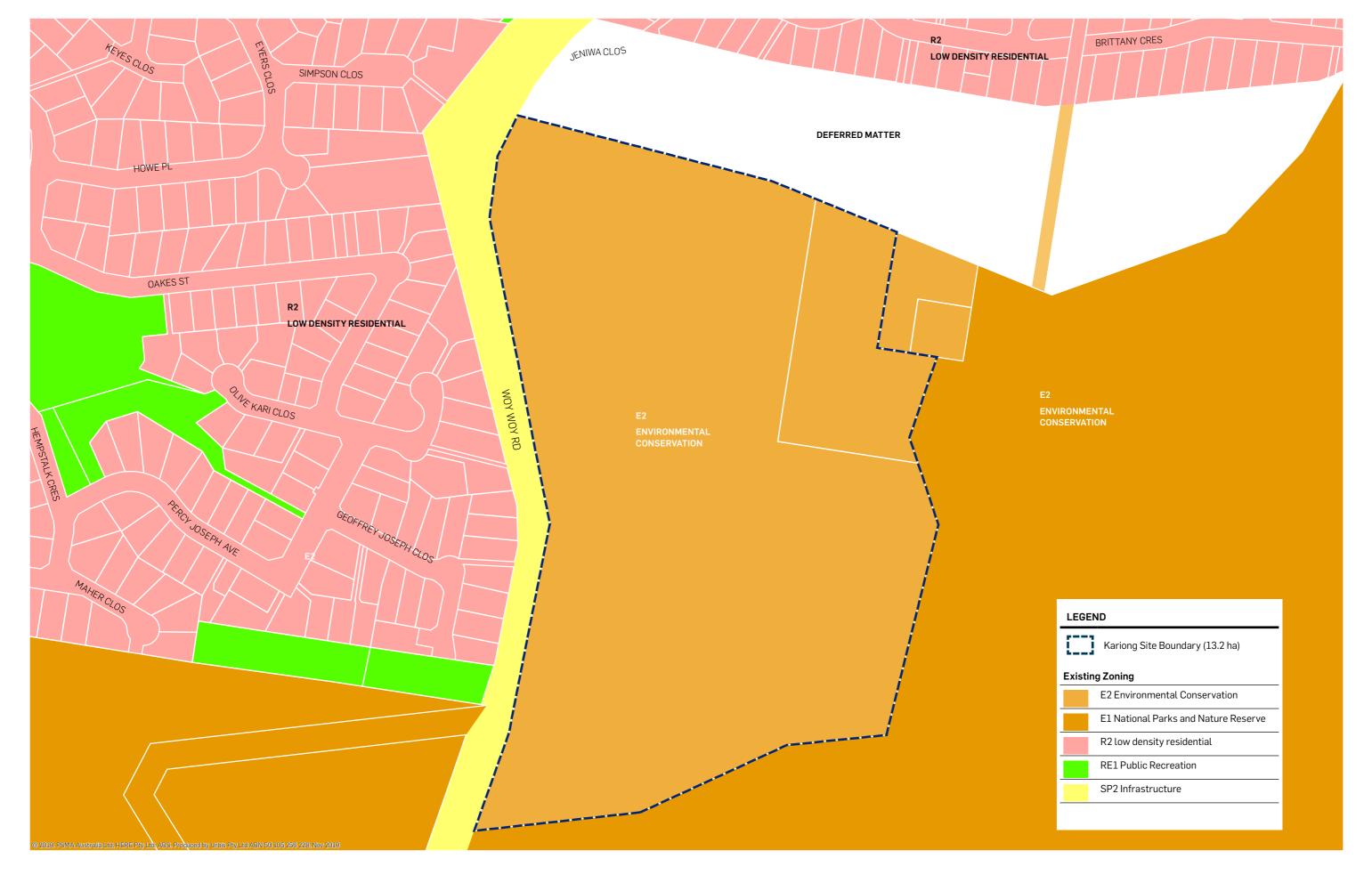




DEVELOPMENT CONSTRAINTS MAPPING - ABORIGINAL HERITAGE



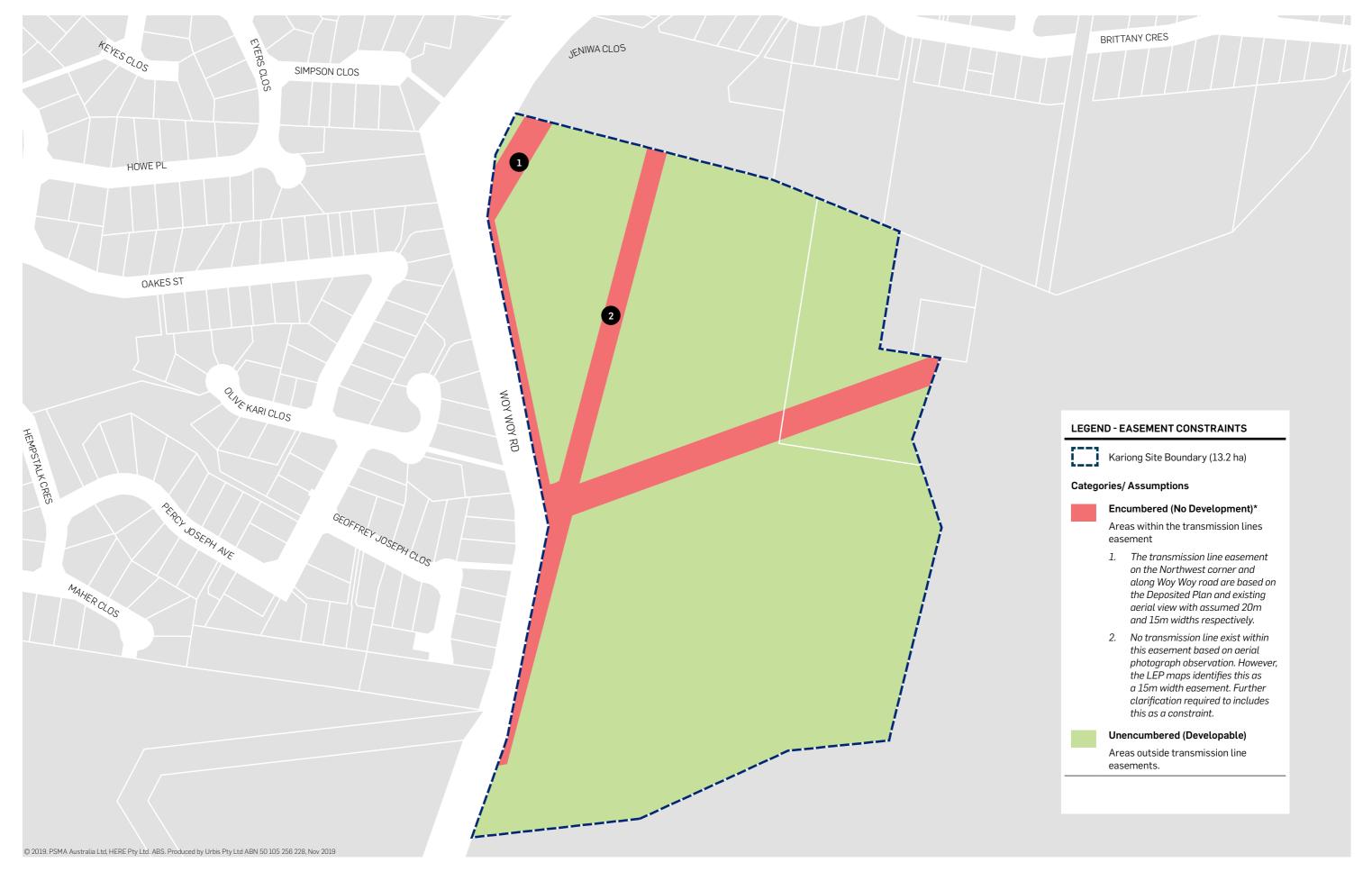






DEVELOPMENT CONSTRAINTS MAPPING - EXISTING ZONING







DEVELOPMENT CONSTRAINTS MAPPING - EASEMENT







DEVELOPMENT FOOTPRINT IDENTIFICATION SUMMARY

The following figure illustrates the proposed Development Footprint of Lot 512 and 513 DP 727686 with total area of 6.1 ha.

The identification of the development footprint has taken into consideration the guiding principles identified in the letter from DPIE through the following approach:

- The northern part of the site as the development footprint;
- Excludes a 20m buffer zone of the Aboriginal Heritage Items as a non development footprint;
- Include low level land area on to the western boundary as part of stormwater management area.
- The east west electrical easement forms the southern extent of the development footprint.

LEGEND - STUDY AREA IDENTIFICATION



Kariong Site Boundary (13.2 ha)



Proposed Development Footprint (6.1 ha)



Aboriginal Heritage Items sites

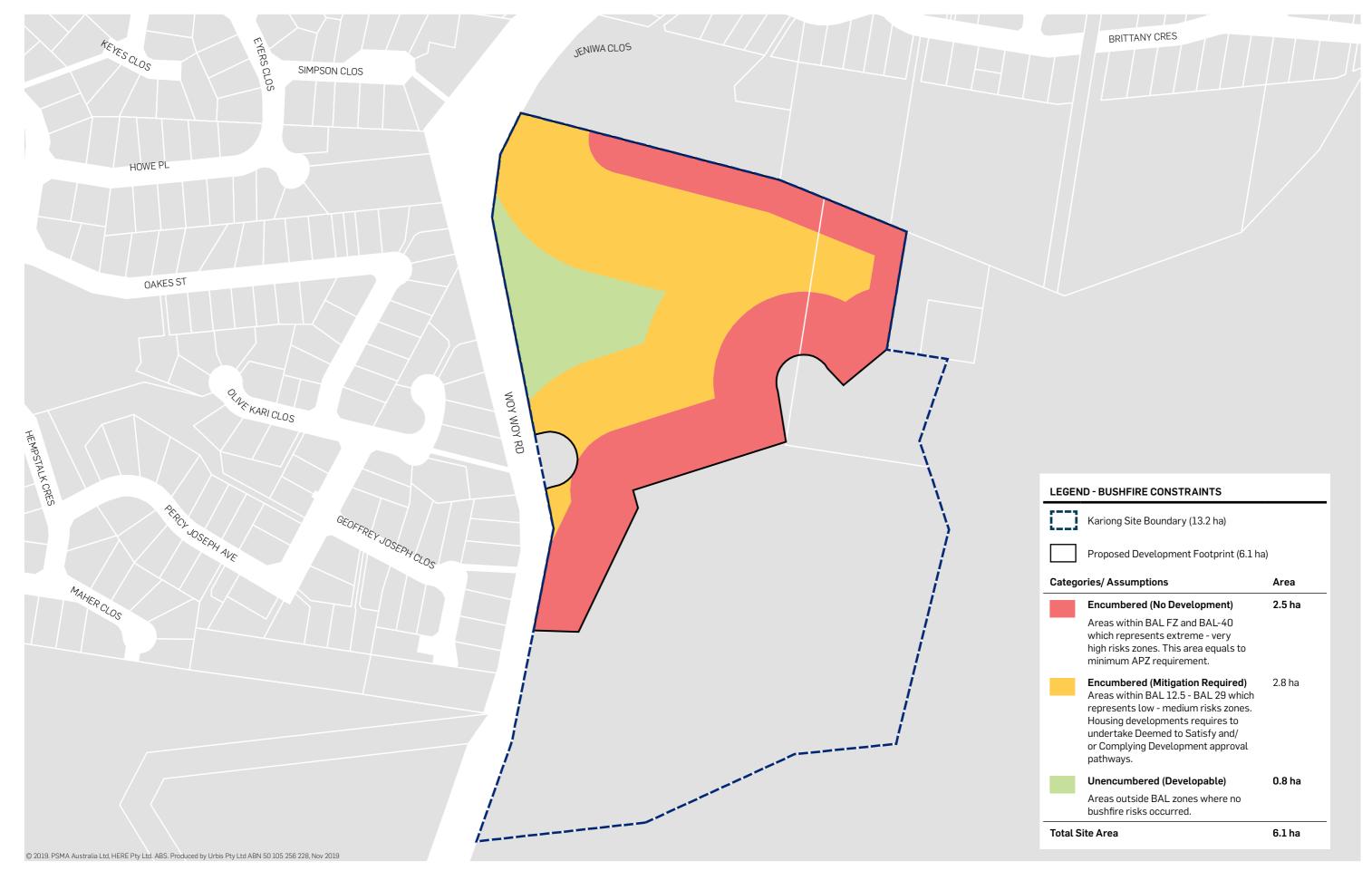


Transmission line easements



Figure 1 Land ownership and development footprint identification map





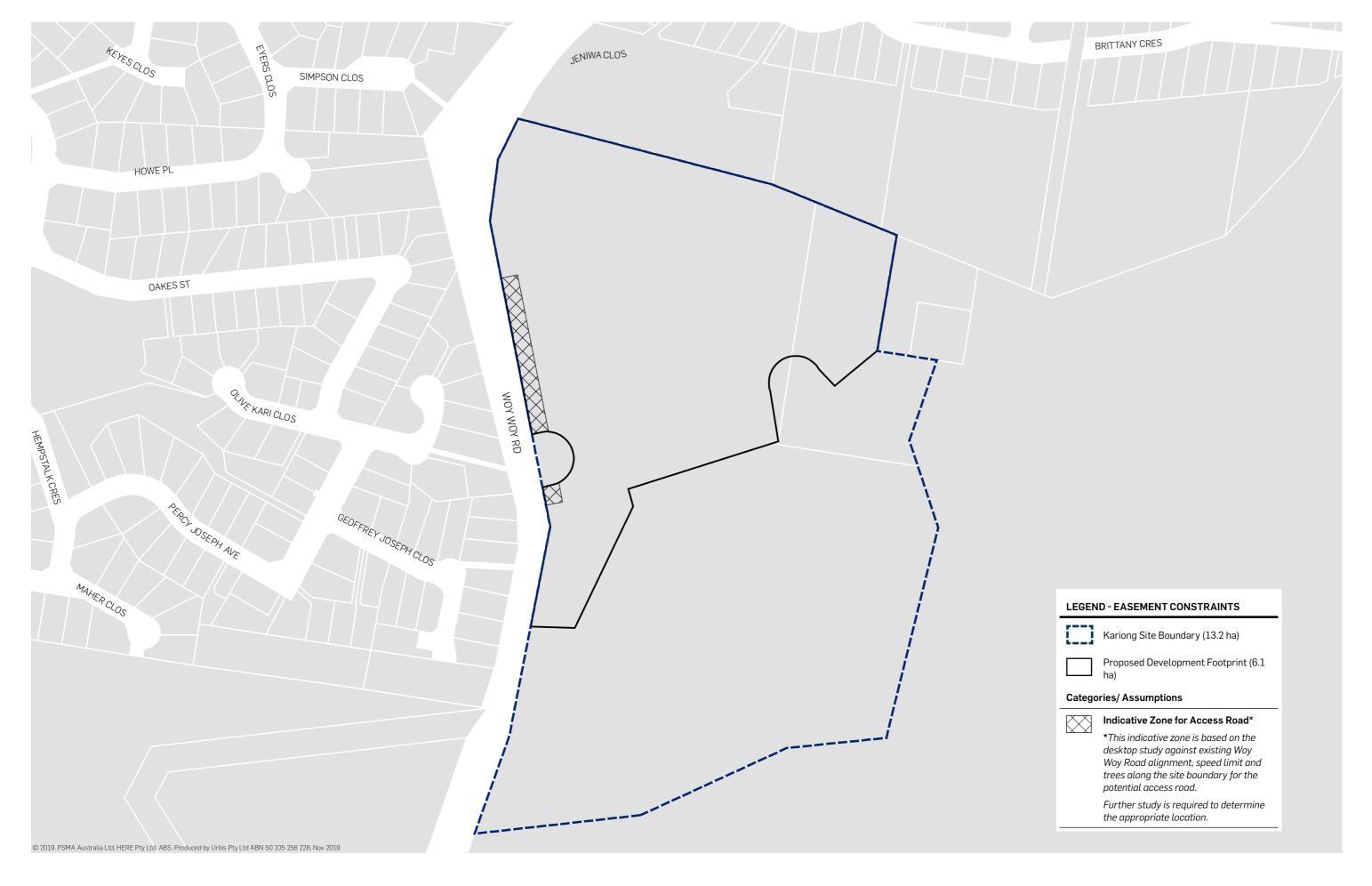


DEVELOPMENT CONSTRAINTS MAPPING - BUSHFIRE

DARKINJUNG LOCAL ABORIGINAL LAND COUNCIL - KARIONG PLANNING PROPOSAL





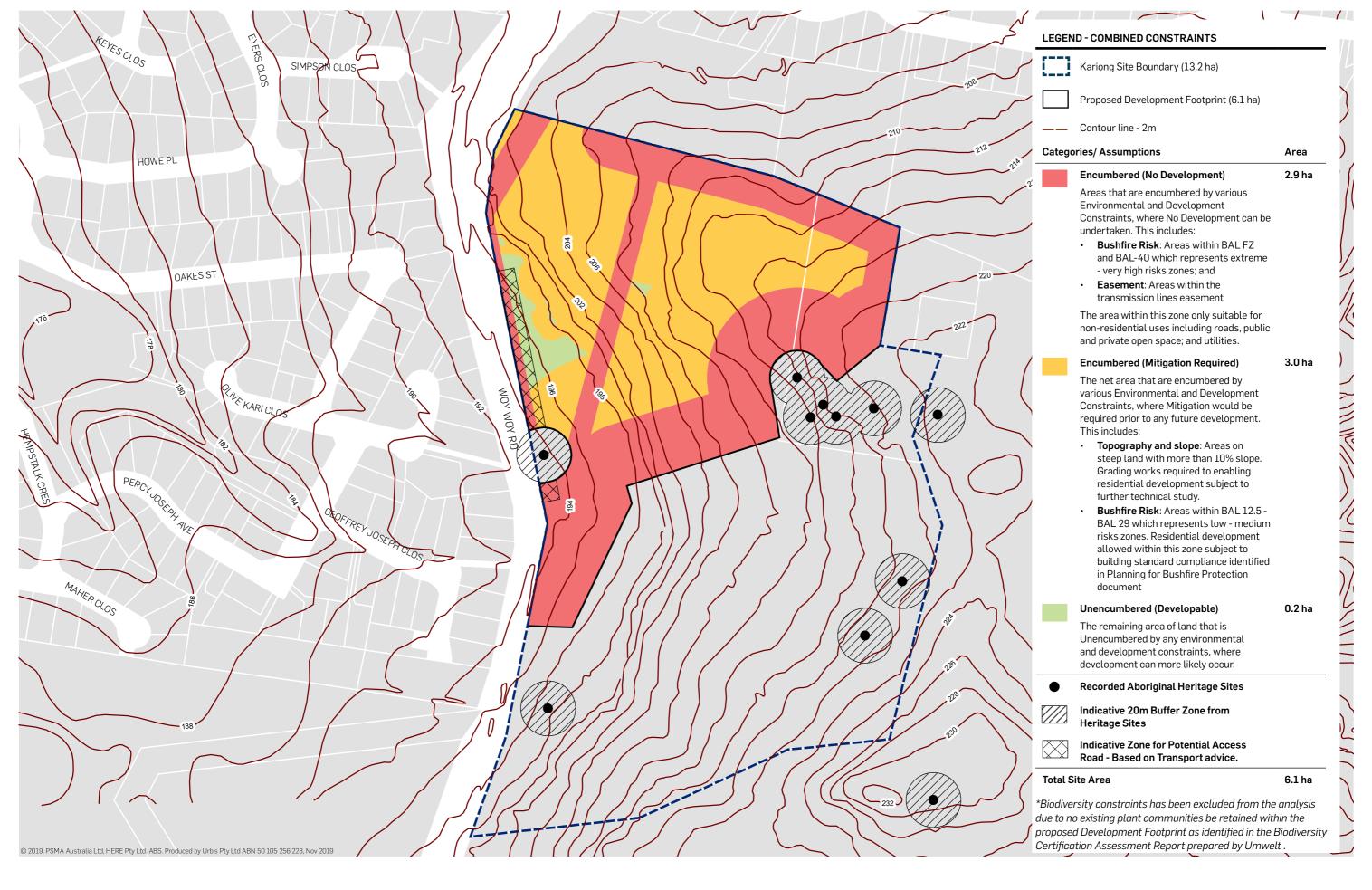




DEVELOPMENT CONSTRAINTS MAPPING - ACCESSING MOVEMENT









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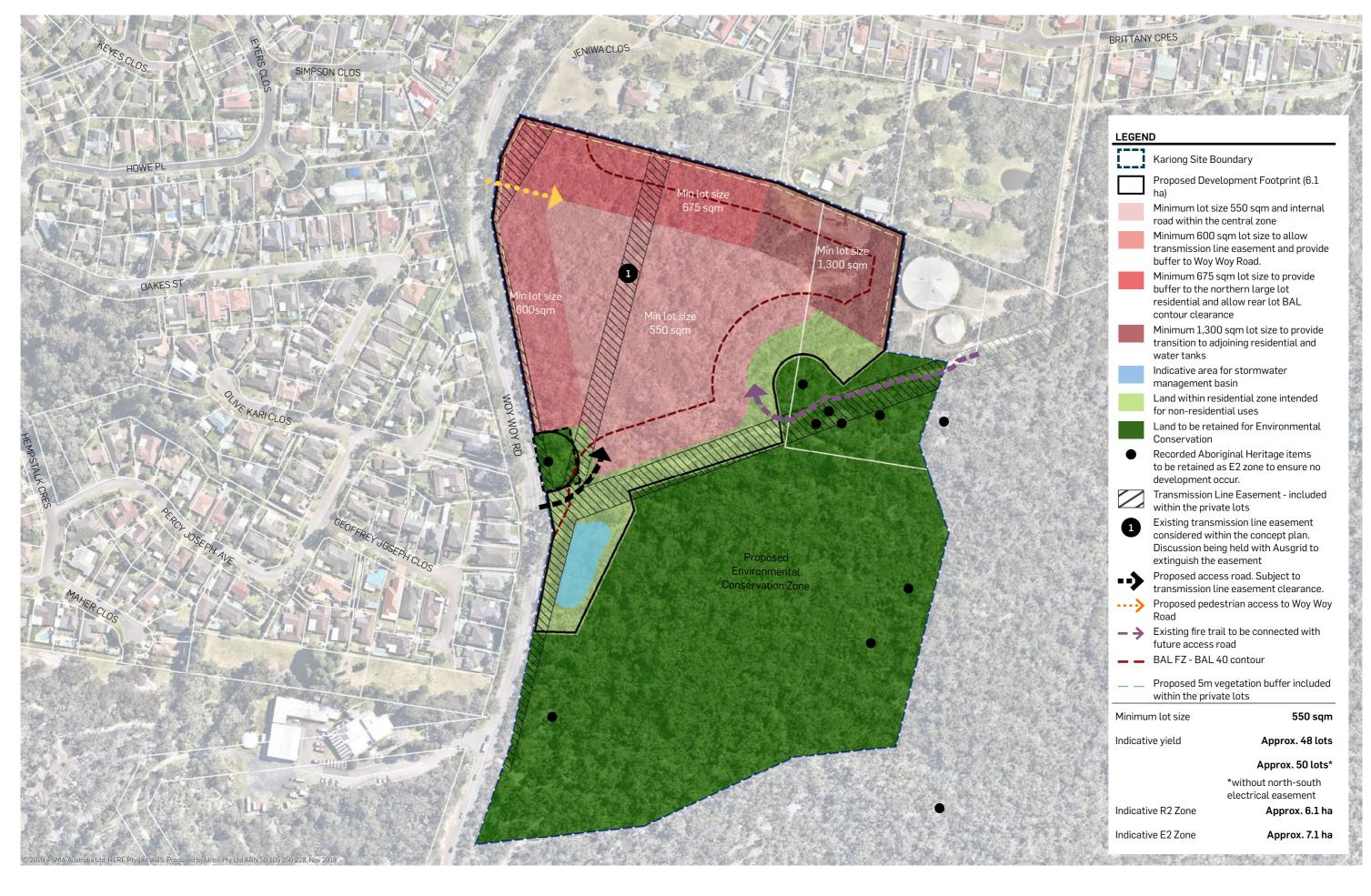
INDICATIVE CONCEPT PLAN

The following section illustrates the indicative concept plan based on the consolidated constraints mapping undertaken with the following maps:

- Indicative Concept Plan;
- Proposed Zoning Plan; and
- Indicative Subdivision Plan.

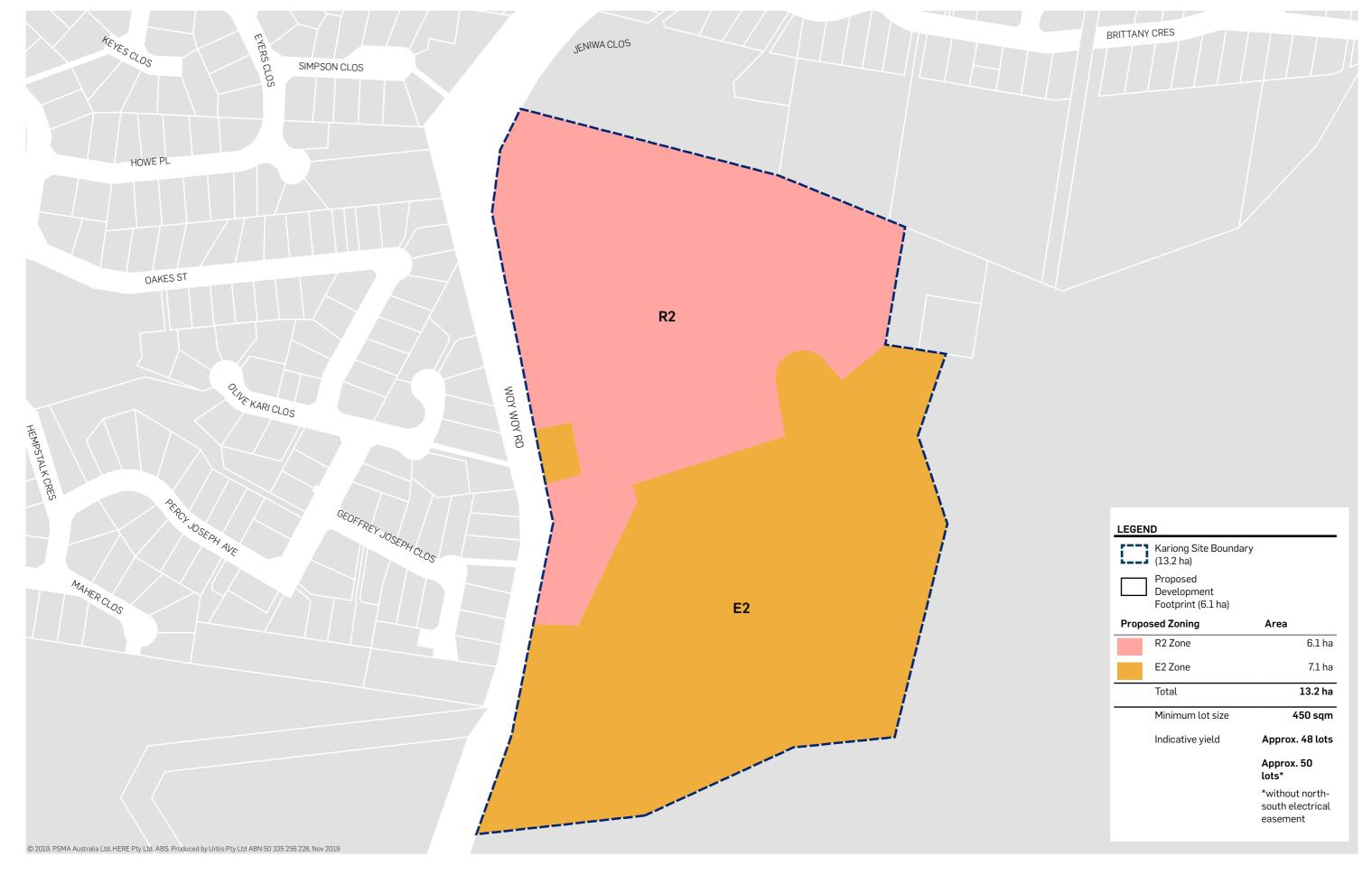
The indicative concept plan undertaken the following assumptions:

- Consideration of interface with northern large lots and the water tanks by locating 45m depth large lots that provides adequate buffer zone.
- Average 40m depth lots along western boundaries to provide buffer to Woy Woy Road
- A portion of north-south and western boundary transmission lines easements are located within private lots; and
- Allocate south west portion of the site as stormwater basin.





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DATE: 17 JAN 2020 **JOB NO:** P12199

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