BURROWS ROAD INDUSTRIAL ESTATE

SSD-35962232: Burrows Road Multi-level Warehouse, St Peters
BDAR Waiver Request

Prepared for:

Goodman Property Services (Aust) Pty Ltd
GPO Box 4703 Level 17,
60 Castlereagh St
SYDNEY NSW 2001

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BASIS OF REPORT

This report has been prepared by SLR Consulting Australia Pty Ltd (SLR) with all reasonable skill, care and diligence, and taking account of the timescale and resources allocated to it by agreement with Goodman Property Services (Aust) Pty Ltd (the Client). Information reported herein is based on the interpretation of data collected, which has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of the Client. No warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

SLR disclaims any responsibility to the Client and others in respect of any matters outside the agreed scope of the work.

DOCUMENT CONTROL

Reference	Date	Prepared	Checked	Authorised
610.30907.00400-R01-v3.0	2 November 2022	Joshua Drane	Fiona Iolini	Jeremy Pepper
610.30907.00400-R01-v2.0	12 August 2022	Joshua Drane	Fiona Iolini	Jeremy Pepper
610.30907.00400-R01-v1.0	11 August 2022	Joshua Drane	Fiona Iolini	Jeremy Pepper

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1 Introduction

Goodman Property Services (Aust) Pty Ltd (Goodman) is seeking concept approval to develop a multilevel industrial warehouse and distribution centre at 1-3 Burrows Road, St Peters, NSW. The subject land is currently occupied by older low-rise industrial units that are largely consistent with development in the surrounding area which is predominantly of an industrial nature.

The proposed development will form a State Significant Development Application (SSDA) and project specific Secretary's Environmental Assessment Requirements (SEARs) have been issued, requesting a Biodiversity Development Assessment Report (BDAR) or BDAR waiver is provided along with the Environmental Impact Statement (EIS) documentation. The proponent is seeking to waive the requirements for the preparation of a BDAR via a BDAR waiver due to the limited biodiversity values at the site.

The following sections specifically address the information requirements of the DPIE (2019) "How to apply for a Biodiversity Development Assessment Report Waiver for a Major Project Application" guidelines (the 'BDAR waiver guidelines').

2 Site Particulars

2.1 Administration Information

The BDAR waiver request requirements for administration are addressed in Table 1 below.

Table 1 Project Administration Information

Information Requirement	Project Information
Proponent name and contact details	• Goodman Property Services (Aust) Pty Ltd • GPO Box 4703 Level 17, 60 Castlereagh St, Sydney NSW 2001. • Project contact: Guy Smith, phone (02) 9230 7225.
Project ID (Information to identify which SSD or SSI project the request relates to and where the project is up to in the assessment process).	• SSD-35962232 • 1-3 Burrows Road SSDA • SEARs issued • EIS in preparation
Name and ecological qualifications of person completing Table 2	Joshua Drane of the following qualifications: • Bachelor of Environmental Science, Australian Catholic University 2017 Fiona Iolini of the following qualifications: • Bachelor of Environmental Science and Management, University of Newcastle 2007 • Cert III Conservation and Land Management, TAFE NSW 2015 • BAM accredited assessor (#BAAS19042)

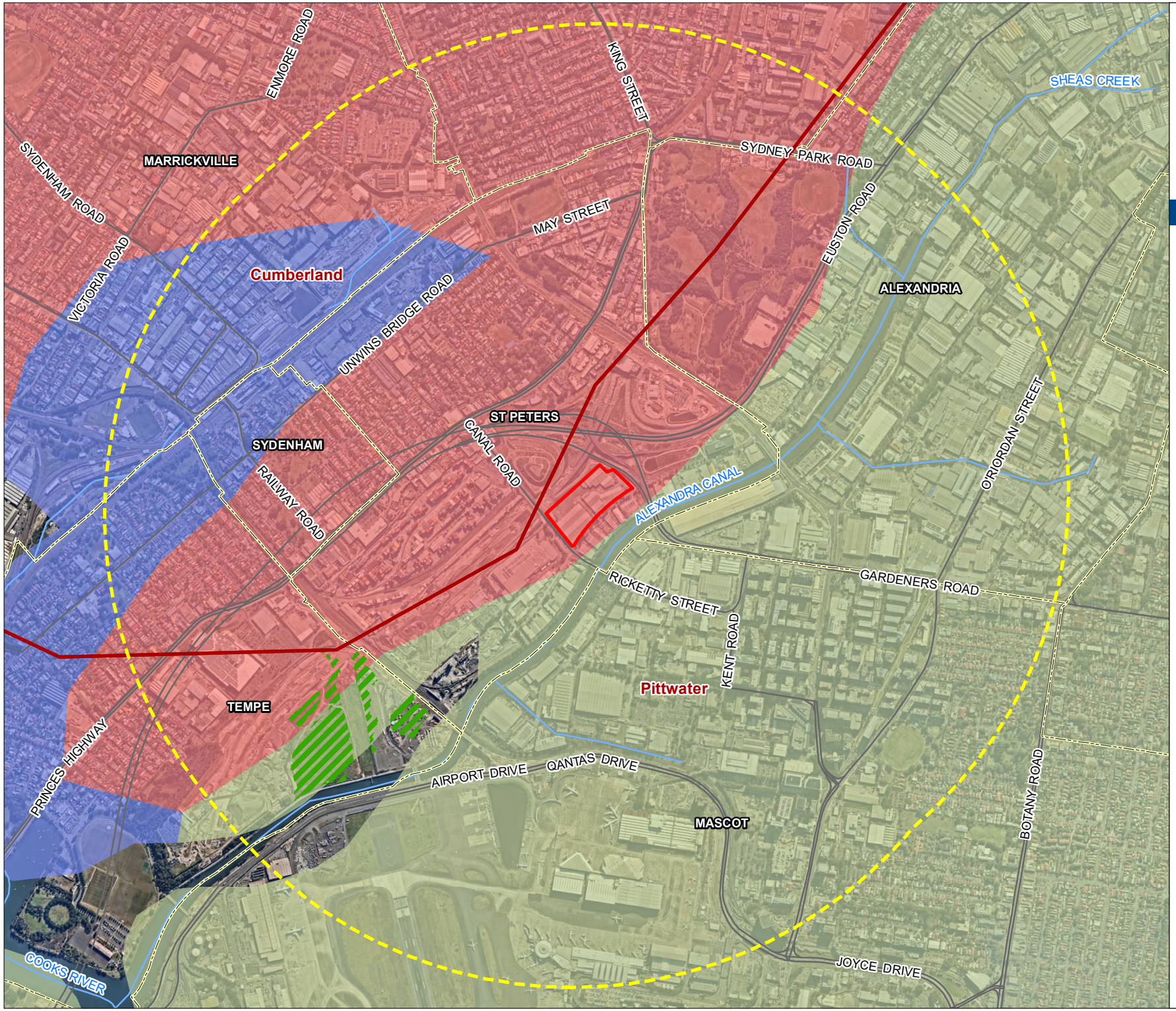
2.2 Site Details

The BDAR waiver request requirements for site details are addressed in Table 2 below.

Table 2 Site Details

Information Requirement	Project Information
Street address, Lot and DP, local government area	The subject land is located in the suburb of St Peters within the City of Sydney local government area and includes the following properties: • Lot 1 DP 1227450 • Lot 11 DP 606737
Description of existing development site, i.e., the area of land that is subject to the proposed development application. If any part of the land is considered 'Category 1– exempt land' information must be provided to demonstrate how the land meets the criteria[1] that applies to Category 1 – Exempt Land.	The proposed development site is located within an existing industrial precinct which has been subject to historic clearing and development (see historic aerial imagery in Appendix A). The site is bound by: • The WestConnex Interchange to the north and east • Canal Road to the east • Burrows Road to the south Recent aerial imagery demonstrates that most of the site is made up of buildings and areas of hardstand surface (carparks, driveways). Vegetation is restricted to landscape plantings at the site peripheries.
Location map showing the development site in the context of surrounding areas and landscape features. Satellite image of site in context of adjoining sites.	See Figure 1
Site Map (to scale, ideally as a spatial shapefile).	See Figure 2

[1] https://www.lls.nsw.gov.au/sustainable-land-management/facts-sheets2/land-categorisation-and-the-land-management-framework



1-3 BURROWS ROAD SSDA

Location Map

FIGURE 1

- Roads
- Watercourses
- Subject Land
- 1500m Buffer (827.246 Ha)
- IBRA Subregions
- Suburb Boundaries
- Native Vegetation (7.752 Ha)

Mitchell Landscapes

- Ashfield Plains
- Port Jackson Basin
- Sydney - Newcastle Barriers and Beaches

Data Sources:
NSW Spatial Information Exchange
Nearmap Imagery 2022
NSW SEED Dataset Catalogue

0 250 500 m

Coordinate System:	GDA 1994 MGA Zone 56
Scale:	1:17,000 at A4
Project Number:	610.30907
Date:	11-Aug-2022
Drawn by:	JG

SLR

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1-3 BURROWS ROAD SSDA

Site Map

FIGURE 2

- GPS Tracks
- Contours (2m)
- Subject Land
- Property Boundaries

Data Sources:
NSW Spatial Information Exchange
Nearmap Imagery 2022

0 25 50 m

Coordinate System:	GDA 1994 MGA Zone 56
Scale:	1:2,000 at A4
Project Number:	610.30907
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3 Proposed Development

The BDAR waiver request requirements for proposed development are addressed in Table 3 below.

Table 3 Proposed Development

Information Requirement	Project Information

Project Description providing enough information to enable an understanding of the nature and scale of the proposed development and any associated activities (including construction etc.).	This proposed SSDA seeks approval for the following:
	• Demolition of all existing structures and buildings on site.
	• Tree removal both on site and for a limited number of trees in the public domain and adjoining lot.
	• Site remediation, and establishment works, including minor excavation / bulk earthworks.
	• Design, construction and operation of a three-storey warehouse and distribution centre building with an ancillary office building, including:
	  • Approximately 52,150sqm of total GFA, comprising:
	  • 47,076sqm of warehouse and distribution centre GFA; and
	  • 5,014sqm of GFA for ancillary office space
	  • Café tenancy within the ground floor lobby space of 60sqm GFA.
	  • Maximum building height of RL 33.18 (30.14 height in metres).
	  • Operation 24 hours per day seven days a week.
	• Provision of a single storey undercroft car parking area accessed off Burrows Road which provides 224 car parking spaces (including 12 accessible bays), 17 service vehicle spaces for vans/Utes, 19 motorcycle spaces, and bicycle parking (15 visitor spaces) and end-of-trip facilities (including 58 bicycle parking spaces, showers, lockers and change rooms for occupants).
	• New crossings to Burrows Road for truck and car access.
	• Single fire and utilities services ingress crossing off Canal Road.
	• Site landscaping works totalling approximately 7,464sqm (or 21.6% of the site), including two 6-metre landscaped setback areas to both the Burrows and Canal Roads site frontages and the following provisions:
	  • 5,293sqm or 15.3% deep soil landscaping; and
	  • 5,074.82sqm or 14.7% tree canopy coverage.
	• Provision of building / business identification signage.
	• Provision of two chamber substations.

Proposed Site Plan.	See Appendix B for proposed development plans and Appendix C for Arborist report.

4 Assessment of Impacts on Biodiversity Values

4.1 Overview

The subject land is not mapped by the Biodiversity Values Map and Threshold Tool (DPE 2022a) as containing biodiversity values. Regional scale mapping (DPE 2022b) indicates that there is no native vegetation within the subject land or on immediately adjoining properties.

The vegetation within the subject land and immediately adjoining road verge areas is a mix of planted native vegetation and planted non-native vegetation (including 39 native trees and 20 non-native trees according to the arborist report).

A licensed search of the BioNet Wildlife Atlas database (DPE 2022c) for records of threatened species within 10 km of the sites centre was undertaken on 4 July 2022 (see Appendix D). The search detected 2,355 records of 50 species. Most of the threatened species recorded are not likely to occur on the subject land due to geographic limitations, lack of suitable habitats and the disturbed and modified nature and condition of the site.

Many of the fauna species recorded by the atlas search are estuary or wetland dependent and the location of the records are associated with Botany Bay and wetlands or floodplain areas associated with the Cooks River (eg Green and Golden Bell Frog, Little Tern, Curlew Sandpiper, Great Knot). Most other records of threatened fauna species are sporadic through the 10 km surrounds and represent highly mobile species, or are a substantial distance from the site, without connecting habitat (eg Long-nosed Bandicoot threatened population in Inner Western Sydney). The subject land has limited habitat potential for threatened species and communities.

Mobile species recorded nearby that may be of relevance to the site include the Grey-headed Flying-fox, Powerful Owl, Dusky Woodswallow, Yellow-bellied Sheathtail-bat and Large Bent-winged Bat. There is some potential in particular that these species could use the native tree canopies across the subject land, or that the buildings could be considered potential habitat for threatened microchiropteran bats ('microbats').

The proposed development has been designed to avoid removal of the majority of the planted vegetation at the peripheries of the subject land. Based on the results of an ecological site inspection, the areas of vegetation and the buildings to be removed provide marginal artificial habitats for threatened species and removal of these features is not likely to result in a significant impact on threatened species.

An assessment of impacts on biodiversity values in accordance with the BDAR waiver requirements is provided in Table 4. An assessment of each of the specific requirements of the BC Act and BC Regulation are also included in Sections 4.2 to 4.9 in accordance with BDAR waiver guidelines.

Table 4 Impacts on Biodiversity Values

Information Requirement	Project Information
Complete Table 2 below on Biodiversity Values. For each biodiversity value, the proponent must either: • explain why the value is not relevant to the proposed development • where a biodiversity value may be relevant, provide an explanation of how impacts have been avoided and identify the likelihood and extent of any remaining impacts of the proposed development, including impacts prescribed under clause 6.1 of the BC Regulation. A biodiversity value is not relevant to a proposed development if the value is not present on the development site and there is no potential for direct or indirect impacts on the biodiversity value if it occurs off-site.	See Sections 4.2 to 4.9
Where one or more biodiversity values may be relevant to the proposed development, Table 2 is to be completed by a suitably qualified person with tertiary qualifications in natural sciences including subjects that relate to the observation and description of terrestrial biodiversity and landforms, and at least three years of work experience in environmental assessment including field identification of plant and animal species and habitats. The person does not need to be an accredited person under the BC Act.	This BDAR waiver request has been completed by ecologist Joshua Drane who has approximately 5 years of environmental consulting experience. This report has also been reviewed by BAM Accredited Assessor Fiona Iolini (#BAAS19042), who has approximately 15 years of ecological consulting experience. Qualifications for Fiona and Joshua are provided in "admin" section above.
Attach any additional information required where biodiversity values are relevant to the site. E.g. Vegetation Map (indicating plant community types), Ecology Reports, Water Quality data, BioNet Atlas, Directory of Important Wetlands (DIWA), migratory bird flyway information.	There is no native vegetation mapped by DPE (2022b) on the subject land. See Appendix D for BioNet Atlas search results. Photographs from a site inspection that was undertaken by Joshua Drane on 8 July 2022 are included in Appendix E.

4.2 Vegetation Abundance

Vegetation abundance means the "occurrence and abundance of vegetation at a particular site". Vegetation abundance is addressed in Table 5 in accordance with the requirements of Section 1.4(b) of the BC Regulation.

Table 5 Vegetation Abundance

Explain and document potential impacts including additional impacts prescribed under the BC Regulation	Project Information
Where vegetation is present on the development site, provide a map on digital aerial photography or the best available imagery of the development site showing: • native vegetation (including grasslands and other non-woody vegetation types) and non-native vegetation • the area of land that is directly impacted by the proposed development, including related infrastructure such as roads, pipelines, access tracks, temporary material stockpiles, asset protection zones and powerlines, if applicable. Describe how the proposed development avoids impacts on native vegetation and identify the likelihood and extent of any remaining impacts including removal of isolated or cultivated native plants.	There is no native vegetation on the subject land. Some scattered cultivated native plants are present at the peripheries of the site and as streetscape trees along the road verges of Canal Road and Burrows Road. Details of existing cultivated trees present within the subject land can be found in the attached arborist report (see Appendix C). The proposed development has been designed to avoid clearing of existing cultivated native trees where possible. According to the arborist report (Appendix C) the proposal will require the removal of 17 cultivated plants including: • nine that are native to NSW, being one Eucalyptus saligna, three E. robusta, one Acacia longifolia, one Callistemon viminalis and two Syzygium luehmannii • one that is exotic, being a Celtis sinensis • seven that are native to other states of Australia, being one Corymbia citriodora and six Agonis flexuosa The arborist report also recommends the relocation of six exotic Chinese Fan Palms (Livistona chinensis). Any trees that are to be retained would be subject to arboricultural impact assessment and standard tree protection in accordance with the Australian Standards AS 4970-2009. This would reduce the likelihood of any incidental impacts on retained trees.

4.3 Vegetation Integrity

Vegetation integrity means the "degree to which the composition, structure and function of vegetation at a particular site and the surrounding landscape has been altered from a near-natural state". Vegetation integrity is addressed in Table 6 in accordance with the requirements of Section 1.5(2)(a) of the BC Act.

Table 6 Vegetation Integrity

Explain and document potential impacts including additional impacts prescribed under the BC Regulation	Project Information
Describe the vegetation integrity and any impacts on vegetation integrity of identified plant communities. For example, information on impacts from proposed development to vegetation cover, structure, condition and function. This can include details on the presence of weeds, disturbance, planted native vegetation and species and growth form diversity.	There is no native vegetation within the subject land or adjoining properties therefore it is not expected that the proposal will impact on the vegetation integrity (ie vegetation cover, structure, condition and function) of any native vegetation. With respect to planted native vegetation the proposal will require the removal of nine planted trees that are native to NSW (see Appendix C). These trees include: • Tree 1 - E. saligna (DBH 8 cm) • Tree 2 - Syzygium luehmannii (DBH 20 cm) • Tree 3 - Syzygium luehmannii (DBH 15 cm) • Tree 4 - Eucalyptus robusta (DBH 4 cm) • Tree 5 - Elaeocarpus angustifolius (DBH 54 cm) • Tree 7 - Acacia longifolia (DBH 18 cm) • Tree 14 - Callistemon viminalis (DBH 13 cm) • Tree 25 - Eucalyptus robusta (DBH 100 cm) • Tree 26 - Eucalyptus robusta (DBH 65 cm) Due to the disturbed nature of the subject land and the nature of the plantings as street trees and isolated trees in an industrial landscape the vegetation integrity of the planted native vegetation is considered to be low. Native plant species diversity and cover is low, there are few large trees or hollows and there is limited fallen timber or leaf litter. Due to the disturbed nature of the site it is not expected that the proposal will impact on the vegetation integrity (ie vegetation cover, structure, condition and function) of any planted native vegetation.

4.4 Habitat Suitability

Habitat suitability means the "degree to which the habitat needs of threatened species are present at a particular site". Habitat suitability for potentially relevant threatened species and communities is addressed in Table 7 in accordance with the requirements of Section 1.5(2)(b) of the BC Act.

Table 7 Habitat Suitability

Explain and document potential impacts including additional impacts prescribed under the BC Regulation	Project Information
Identify any threatened species or ecological communities or their habitat on the development site. Describe how the proposed development avoids impacts on habitat suitability and identify the likelihood and extent of any remaining impacts including the impacts of development on the following habitat of threatened species or ecological communities: 1. karst, caves, crevices, cliffs and other geological features of significance 2. rocks 3. human-made structures 4. non-native vegetation (prescribed under clause 6.1(1)(a) of the BC Regulation). Impacts may include the removal or modification (e.g. noise, light, etc.) of the habitat of threatened species or ecological communities.	Threatened species of fauna which may potentially utilise artificial habitats (landscape plantings and buildings) within the subject land include highly mobile species such as bats and birds. The ecological site inspection undertaken on 8 July 2022, involved inspection of the buildings and vegetation for potential microbat roosts in accordance with the DPIE 2019 BDAR waiver guidelines (ie using a torch and bat detector to search for roosts), as well as searches for hollows and nests and other signs of fauna activity. No evidence of microbats was detected and no nests were found. The site does not contain any natural rocks, karst, caves, crevices, cliffs and other geological features of significance. Tree 5 is a planted native Blue Quandong (E. angustifolius) which was found to contain a hollow that was approximately 2 m from ground level (10 cm wide by 20 cm tall by 12 cm deep - see photograph in Appendix E). However, the hollow showed no evidence of current or past use. The potential for microbat habitat within most of the buildings and structures on site was determined to be marginal due to a lack of suitable open cracks and crevice and ongoing disturbances due to active use. One derelict office building in the northwest corner of the site contained potential habitat for microbats, as the underside of the roof eaves had deteriorated creating openings in multiple areas (see Appendix E). A small disused service building also had some potential as microbat habitat (see Appendix E). However, at the time of the site inspection there were no signs of bat usage (eg urine stains, droppings and remains) and no bats were detected with a handheld bat detector. The non-native vegetation on the site is unlikely to be important habitat for any potential threatened species using the site. Tree 25 is a large planted native Swamp Mahogany (E. robusta) proposed for removal and would have some value as a winter food resource for mobile fauna species (such as bats and birds). However it is highly isolated and surrounded by roads and other ongoing disturbances so it is unlikely that the tree would represent important winter foraging habitat (such as for the Swift Parrot). Whilst one threatened plant species, Eucalyptus scoparia has been detected within the planted native vegetation (see Appendix C), this species is a popular cultivar and street tree and is outside of its natural range in the Sydney Basin region. No other threatened species of flora were detected during the ecological site inspection and the subject land does not represent suitable habitat for threatened flora due to a lack of native vegetation. The subject land does not contain any native vegetation, threatened flora habitats or threatened ecological communities and the prescribed impact features of the site, including human-made structures and non-native vegetation, are unlikely to provide any important habitat for any threatened species of fauna potentially using the site. Currently the site is used as industrial warehouses, the proposed multistorey warehouse and distribution centre will potentially increase noise, dust and light. The potential increase is unlikely to result in a significant impact on any potential threatened species using the site.

4.5 Threatened Species Abundance

Threatened species abundance means the "occurrence and abundance of threatened species or threatened ecological communities, or their habitat, at a particular site". Threatened species abundance is addressed in Table 8 in accordance with the requirements of Section 1.4(a) of the BC Regulation.

Table 8 Threatened Species Abundance

Explain and document potential impacts including additional impacts prescribed under the BC Regulation	Project Information
Describe how the proposed development avoids impacts on threatened species abundance and identify the likelihood and extent of any remaining impacts including: • Impacts of vehicle strikes on threatened species of animals or on animals that are part of a threatened ecological community (prescribed under clause 6.1(1)(f) of the Regulation). • Impacts on threatened species, for example, microbats, associated with the demolition of human-made structures (prescribed by 6.1 (1) a (iii) of the Regulation). • Impacts on threatened species habitat associated with non-native vegetation (prescribed by 6.1 (1) a (iv) of the Regulation). • Impacts on threatened species habitat associated with non-natural water bodies (prescribed by 6.1 (1) a (iii) of the Regulation). For example, threatened frogs such as the green and golden bell frog in landfill areas, drains and brick pits.	The proposed development limits removal of planted vegetation that could represent marginal foraging habitat for mobile threatened species such as owls and bats. With respect to remaining impacts: • Due to the slow speeds of vehicles travelling across the site impacts of vehicle strikes on threatened species of animal are considered negligible and equivalent to existing vehicle traffic conditions. • As detailed in Section 4.4, the potential for microbat habitat within the buildings and structures on site was determined to be marginal and there was no evidence of bats using the buildings. Impacts on threated species associated with the demolition of human-made structures are likely to be negligible. • The potential impact on threatened species due to removal of planted native and non-native vegetation from within landscaped areas of the subject land as proposed (see Appendix C) is likely to be negligible. • There are no relevant impacts on threatened species habitat associated with non-natural water bodies.

4.6 Habitat Connectivity

Habitat connectivity means the "degree to which a particular site connects different areas of habitat of threatened species to facilitate the movement of those species across their range". Habitat connectivity is addressed in Table 9 in accordance with the requirements of Section 1.4(c) of the BC Regulation.

Table 9 Habitat Connectivity

Explain and document potential impacts including additional impacts prescribed under the BC Regulation	Project Information
Identify whether the development site contributes to habitat connectivity. Describe how the proposed development avoids impacts on habitat connectivity and identify the likelihood and extent of any remaining impacts of development on the connectivity of different areas of habitat of threatened species that facilitates the movement of those species across their range (prescribed under clause 6.1(1)(b) of the BC Regulation).	As shown in Figure 1 there is no native vegetation within the subject land and adjoining properties and there is very minimal native vegetation in the locality (approximately 8 ha within a 1,500m buffer). The subject land does not contribute to habitat connectivity. The trees on site are unlikely to provide important habitat connectivity for threatened species, however the design has preferentially retained trees where possible.

4.7 Threatened Species Movement

Threatened species movements mean the "degree to which a particular site contributes to the movement of threatened species to maintain their lifecycle". Threatened species movements are addressed in Table 10 in accordance with the requirements of Section 1.4(d) of the BC Regulation.

Table 10 Threatened Species Movement

Explain and document potential impacts including additional impacts prescribed under the BC Regulation	Project Information
Describe how the proposed development avoids impacts on threatened species movement and identify the likelihood and extent of any remaining impacts of development on movement of threatened species that maintains their lifecycle (prescribed under clause 6.1(1)(c) BC Regulation).	Impacts to threatened species movements are avoided through the retention of the planted vegetation at the site's peripheries where possible. Mobile threatened species (such as the Grey-headed Flying-fox and Powerful Owl) could potentially forage over the site and could occasionally use native tree canopies, however the trees on site are unlikely to facilitate important lifecycle movements for these species. The proposed development would not have any conceivable impacts on threatened species movements.

4.8 Flight Path Integrity

Flight path integrity means the "degree to which the flight paths of protected animals over a particular site are free from interference". Flight path integrity is addressed in Table 11 in accordance with the requirements of Section 1.4(e) of the BC Regulation.

Table 11 Flight Path Integrity

Explain and document potential impacts including additional impacts prescribed under the BC Regulation	Project Information
Identify whether flight paths of protected animals occur over the development site. Protected animals are animals of a species listed or referred to in Schedule 5 of the BC Act. They include any species of birds, mammals, amphibians or reptiles that are native to Australia or that periodically or occasionally migrate to Australia. Describe how the proposed development avoids impacts on flight path integrity and identify the likelihood and extent of any remaining impacts. Note: The impacts of wind turbine strikes on protected animals are prescribed under clause 6.1(1)(e) of the BC Regulation. It is, therefore, unlikely that a BDAR waiver would be issued for a proposed wind farm.	Migratory birds (such as the Curlew Sandpiper and Little Tern) are likely to fly over the site from time to time, however the proposed development is unlikely to have a significant impact on the flight paths of these species. The proposed development would not have any conceivable impacts on the flight path integrity of any protected species.

4.9 Water Sustainability

Water sustainability means the "degree to which water quality, water bodies and hydrological processes sustain threatened species and threatened ecological communities at a particular site". Water sustainability is addressed in Table 12 in accordance with the requirements of Section 1.4(f) of the BC Regulation.

Table 12 Water Sustainability

Explain and document potential impacts including additional impacts prescribed under the BC Regulation	Project Information
Describe how the proposed development avoids impacts on water sustainability and identify the likelihood and extent of any remaining impacts of development on water quality, water bodies and hydrological processes that sustain threatened species and threatened ecological communities (including from subsidence or upsidence resulting from underground mining or other development) (prescribed under clause 6.1(1)(d) of the BC Regulation).	There are no threatened ecological communities or waterbodies on the subject land or adjoining properties. Alexandria Canal is a man-made canal that is situated approximately 80 m to the southeast of the subject land, however the subject land is not considered or mapped as riparian lands. The proposed development will avoid impacts on water sustainability through implementation of best practise erosion and sediment control and stormwater design. The proposal also provides roughly 5,000m^2 of deep soil as permeable ground surface and a total of 15% of the site is proposed as deep soil (Welsh + Major 2022). The proposed development is not likely to have any conceivable impacts on water sustainability.

5 Conclusions

The subject land was inspected and assessed by SLR ecologist Joshua Drane on 8 July 2022 (see qualifications in Table 1). The field assessment involved microbat roost searches, inspection of trees for hollows and nests and other signs of fauna usage. The field assessment did not detect any threatened species or habitats within the subject land. One hollow was detected in Tree 5 however there was no evidence of hollow usage and it is unlikely that the hollow represents suitable breeding habitat for any threatened species.

Historic imagery of the site (see Appendix A) demonstrates that the subject land has been historically cleared. The trees and vegetation on subject land are cultivated for landscaping and streetscaping and are not consistent with any PCTs known to occur in the same IBRA subregion.

The proposed development avoids removal of the majority of the planted vegetation at the peripheries of the subject land. Based on the results of the ecological site inspection, the areas of vegetation and the buildings to be removed provide marginal artificial habitats for threatened species and removal of these features is not likely to result in a significant impact on threatened species.

6 References

AECOM 2020, "Phase I & Phase II ESA", AECOM Australia Pty Ltd, Job Number: 60623599

Artefact 2022, "1-3 Burrows Road, St Peters - Aboriginal Cultural Heritage Assessment Report", ACHAR Report to Goodman, dated 15 June 2022.

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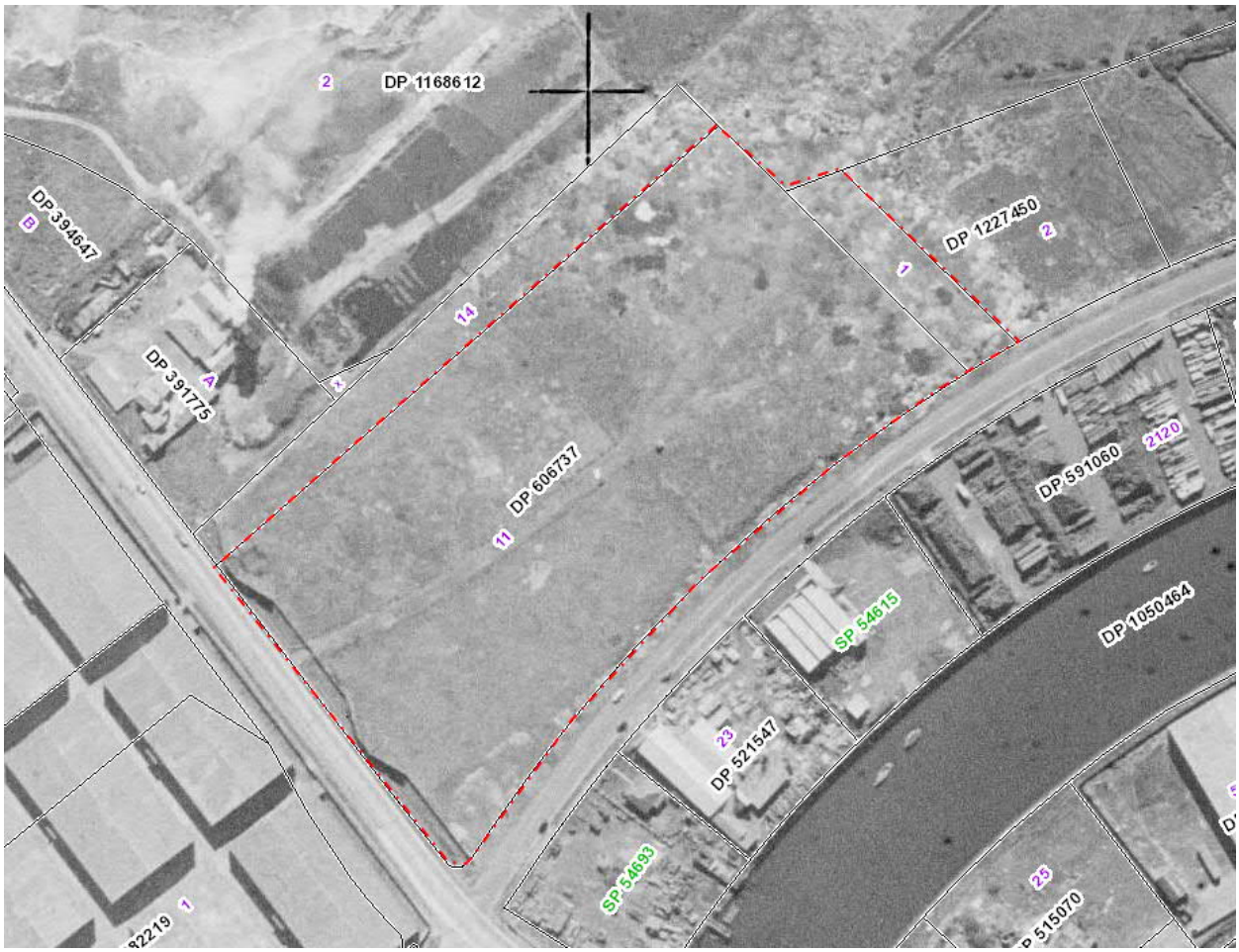
DPIE 2019, "How to apply for a biodiversity development assessment report waiver for a Major Project Application", Department of Planning, Industry and Environment, Sydney NSW. Retrieved from: https://www.environment.nsw.gov.au/topics/animals-and-plants/biodiversity-offsets-scheme/landholders-and-developers/biodiversity-development-assessment-report-waiver.

Welsh + Major 2022, "1-3 Burrows Road - State Significant Development Application", Plan Reference '2213A', dated 2 November 2022.

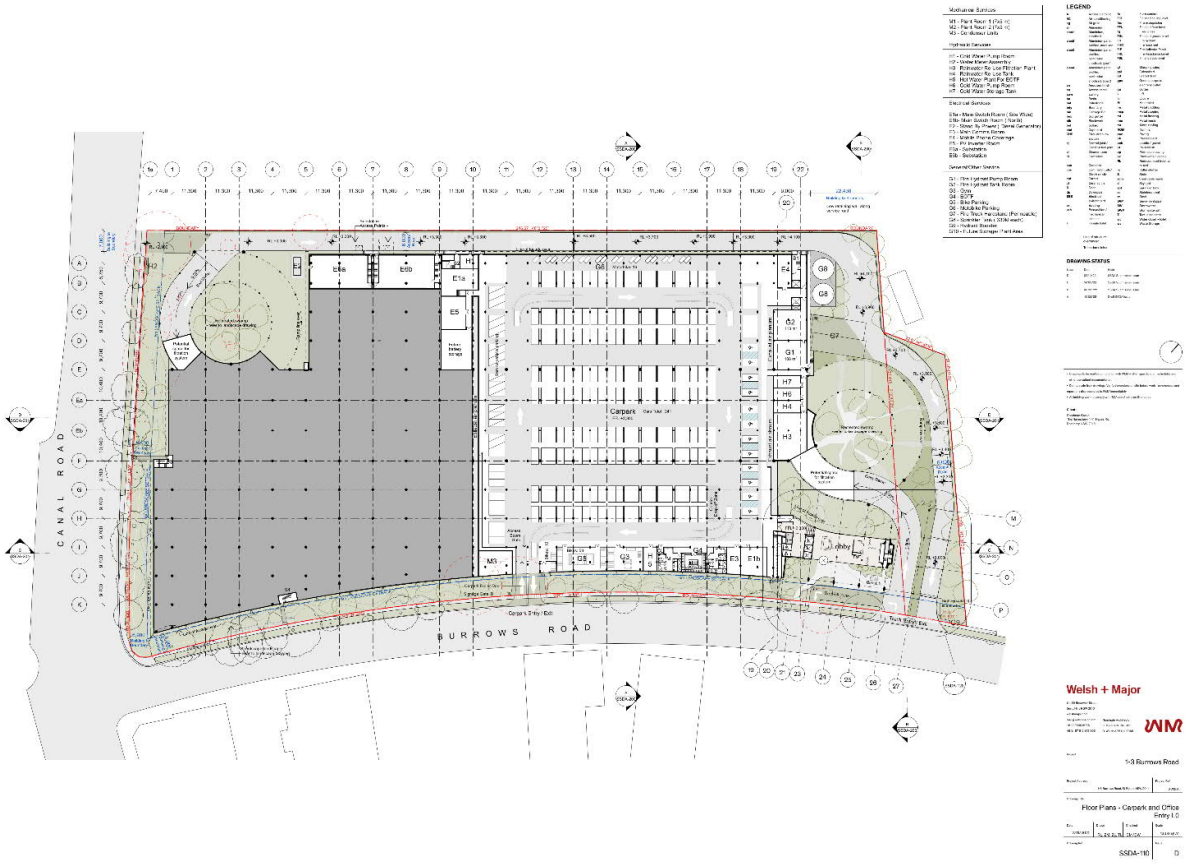
Appendix A:
Historic Aerial Imagery

Figure A1 Extract of 1943 Historic Aerial Imagery, showing site boundary in red-dashed line (DFSI 2022)



Appendix B:
Site Plans

Figure B1 Extract of Floor Plan (Welsh + Major 2022)



Appendix C:
Arborist Report

Tree No.	Species	Common Name	Height	Canopy Spread	DBH (mm)	DAB (mm)	Health	Structure	Age	ELE	Landscape significance	Retention value	TPZ (mm)	SRZ (mm)	Impact	Comments	Retain/Remove
1	*Eucalyptus saligna*	Sydney Blue Gum	5	1 x 1	80	100	Good	Fair	Juvenile	Medium	Low	Low	2000	1500	**Within construction footprint**		Remove
2	*Syzygium luehmannii*	Small Leaved Lilly Pilly	6	5 x 5	200	300	Good	Fair	Mature	Medium	Low	Low	2400	1996	**Within construction footprint**		Remove
3	*Syzygium luehmannii*	Small Leaved Lilly Pilly	5	4 x 4	150	300	Fair	Fair	Mature	Medium	Low	Low	2000	1996	**Within construction footprint**		Remove
4	*Eucalyptus robusta*	Swamp Mahogany	5	1 x 1	40	60	Good	Fair	Juvenile	Medium	Low	Low	2000	1500	**Within construction footprint**		Remove
5	*Elaeocarpus angustifolius*	Blue Quandong	12	9 x 9	540	700	Fair	Fair	Mature	Medium	Medium	Medium	6480	2849	**Rear roadway**		Remove
6	*Celtis sinensis*	Chinese Hackberry	5	8 x 6	350	500	Good	Fair	Semi-mature	Medium	Low	Low	4200	2474	**Rear roadway**	**Located in Westconnex site**	Remove
7	*Acacia longifolia*	Golden wattle	5	5 x 5	180	280	Good	Fair	Mature	Short	Low	Low	2160	1939	**Rear roadway**	**Located in Westconnex site**	Remove
8	*Livistona chinensis*	Chinese fan palm	4	2 x 2			Good	Good	Juvenile	Long	Low	Medium	3000	0	**Within construction footprint**		Consider relocation
9	*Livistona chinensis*	Chinese fan palm	4	2 x 2			Good	Good	Juvenile	Long	Low	Medium	3000	0	**Within construction footprint**		Consider relocation
10	*Livistona chinensis*	Chinese fan palm	4	2 x 2			Good	Good	Juvenile	Long	Low	Medium	3000	0	**Within construction footprint**		Consider relocation
11	*Livistona chinensis*	Chinese fan palm	3	2 x 2			Good	Good	Juvenile	Long	Low	Medium	3000	0	**Within construction footprint**		Consider relocation
12	*Livistona chinensis*	Chinese fan palm	3	2 x 2			Good	Good	Juvenile	Long	Low	Medium	3000	0	**Within construction footprint**		Consider relocation
13	*Livistona chinensis*	Chinese fan palm	3	2 x 2			Good	Good	Juvenile	Long	Low	Medium	3000	0	**Within construction footprint**		Consider relocation
14	*Callistemon viminalis*	Weeping Bottle Brush	5	3 x 3	130	290	Good	Fair	Semi-mature	Medium	Low	Low	2000	1968	**Conflicting with upper levels**		Remove
15	*Corymbia citriodora*	Lemon-scented Gum	16	15 x 15	550	800	Good	Fair	Mature	Medium	Medium	Medium	6600	3013	**Conflicts with main driveway entrance**	**Council street tree-overhangs property boundary by 8m**	Remove
16	*Agonis flexuosa*	Willow Myrtle	5	15 x 5	950	1000	Good	Poor	Mature	Short	Medium	Low	11400	3309	**Demolition of existing boundary wall**	**Council street tree**	Poor specimen-can be retained
17	*Agonis flexuosa*	Willow Myrtle	3	4 x 3	380	500	Good	Fair	Semi-mature	Short	Low	Low	4560	2474	**Demolition of existing boundary wall**	**Council street tree**	Poor specimen-can be retained
18	*Eucalyptus sideroxylon*	Mugga Ironbark	10	10 x 14	550	950	Good	Fair	Mature	Short	Medium	Low	6600	3239	**Demolition of existing boundary wall**	**Council street tree-overhangs property boundary by 4m**	Retain

19	*Melalueca quinquenervia*	Broad leaved paperbark	4	3 x 4	240	350	Good	Fair	Juvenile	Medium	Low	Low	2880	2129	**Demolition of existing boundary wall + potential conflict with substation**	**Council street tree**	Retain
20	*Angophora costata*	Apple Myrtle	7	3 x 3	150	250	Good	Fair	Juvenile	Medium	Low	Low	2000	1849	**Demolition of existing boundary wall**	**Council street tree**	Retain
21	*Angophora costata*	Apple Myrtle	6	3 x 3	120	220	Fair	Fair	Juvenile	Short	Medium	Low	2000	1752	**Demolition of existing boundary wall**	**Council street tree**	Retain
22	*Eucalyptus scoparia*	Wallangarra white Gum	13	10 x 10	320	460	Fair	Fair	Mature	Short	Medium	Low	3840	2388	**Demolition of existing boundary wall**	**Council street tree-overhangs property boundary by 2 m**	Retain
23	*Angophora costata*	Apple Myrtle	9	6 x 6	180	290	Good	Good	Juvenile	Medium	Low	Low	2160	1968	**Demolition of existing boundary wall**	**Council street tree**	Retain
24	*Eucalyptus scoparia*	Wallangarra white Gum	11	10 x 10	300	470	Good	Fair	Mature	Medium	Medium	Medium	3600	2410	**Demolition of existing boundary wall**	**Council street tree**	Retain
25	*Eucalyptus robusta*	Swamp Mahogany	22	16 x 20	1000	1200	Good	Fair	Mature	Medium	Medium	Medium	12000	3573	**Conflicting with the demolition of existing structures and upper levels**	**Good specimen but unlikely to be retainable**	Remove
26	*Eucalyptus robusta*	Swamp Mahogany	18	18 x 20	650	1000	Good	Fair	Mature	Medium	Medium	Medium	7800	3309	**Conflicting with the demolition of existing structures and upper levels**	**Good specimen but unlikely to be retainable**	Remove
27	*Melalueca quinquenervia*	Broad leaved paperbark	12	10 x 7	340	550	Good	Fair	Mature	Medium	Medium	Medium	4080	2575	**Demolition of existing boundary wall**	**Council street tree**	Retain
28	*Melalueca quinquenervia*	Broad leaved paperbark	8	12 x 12	800	1300	Good	Fair	Mature	Medium	Medium	Medium	9600	3695	**Demolition of existing boundary wall**	**Council street tree-overhangs property boundary by 2m**	Retain
29	*Agonis flexuosa*	Willow Myrtle	3	4 x 2	300	460	Good	Fair	Mature	Medium	Low	Low	3600	2388	**Demolition of existing boundary wall**	**Council street tree**	Poor specimen-can be retained
30	*Melalueca quinquenervia*	Broad leaved paperbark	8	7 x 5	380	450	Good	Fair	Mature	Medium	Low	Low	4560	2366	**Demolition of existing boundary wall**	**Council street tree**	Retain
31	*Casuarina cunninghamiana*	River she-oak	25	18 x 20	850	1100	Good	Fair	Mature	Medium	High	High	10200	3445	**Demolition of existing boundary wall**	**Council street tree-overhangs property boundary by 8m**	Retain
32	*Casuarina cunninghamiana*	River she-oak	24	16 x 18	820	1100	Good	Fair	Mature	Medium	High	High	9840	3445	**Demolition of existing boundary wall**	**Council street tree-overhangs property boundary by 8m**	Retain
33	*Casuarina cunninghamiana*	River she-oak	25	17 x 12	830	1000	Good	Fair	Mature	Medium	High	High	9960	3309	**Demolition of existing boundary wall**	**Council street tree-overhangs property boundary by 5m**	Retain
34	*Casuarina cunninghamiana*	River she-oak	24	13 x 15	760	990	Good	Fair	Mature	Medium	High	High	9120	3295	**Demolition of existing boundary wall**	**Council street tree-overhangs property boundary by 5m**	Retain
35	*Angophora bakeri*	Narrow-leaved Apple	10	5 x 5	170	230	Good	Fair	Juvenile	Medium	Low	Low	2040	1785	**Demolition of existing boundary wall**	**Council street tree**	Retain
36	*Agonis flexuosa*	Willow Myrtle	8	5 x 9	650	900	Good	Fair	Mature	Medium	Medium	Medium	7800	3166	**Demolition of existing boundary wall + potential conflict with stormwater management system**	**Council street tree**	Retain

37	*Casuarina glauca*	Swamp she-oak	20	16 x 14	540	880	Good	Fair	Mature	Medium	Medium	Medium	6480	3136	**Demolition of existing boundary wall + potential conflict with stormwater management system**		Undesirable species, likely to sucker from ground level
38	*Agonis flexuosa*	Willow Myrtle	10	8 x 10	800	1100	Fair	Poor	Mature	Short	Medium	Low	9600	3445	**Demolition of existing boundary wall + potential conflict with stormwater management system**	**Major decay rear side of tree**	Remove- poor specimen
39	*Agonis flexuosa*	Willow Myrtle	10	10 x 12	700	950	Fair	Fair	Mature	Short	Medium	Low	8400	3239	**Demolition of existing boundary wall**		Retain
40	*Agonis flexuosa*	Willow Myrtle	4	4 x 4	340	450	Fair	Fair	Semi-mature	Short	Low	Low	4080	2366	**Demolition of existing boundary wall**		Remove- poor specimen
41	*Casuarina cunninghamiana*	River she-oak	25	15 x 17	760	1100	Good	Fair	Mature	Medium	High	High	9120	3445	**Demolition of existing boundary wall**		Retain
42	*Agonis flexuosa*	Willow Myrtle	12	12 x 10	1300	1400	Good	Fair	Mature	Medium	Medium	Medium	15000	3812	**Demolition of existing boundary wall**		Retain
43	*Corymbia maculata*	Spotted Gum	14	13 x 13	450	600	Good	Good	Mature	Medium	Medium	Medium	5400	2670	**Demolition of existing boundary wall**	**Council street tree**	Retain
44	*Agonis flexuosa*	Willow Myrtle	5	6 x 8	500	700	Poor	Fair	Semi-mature	Short	Low	Low	6000	2849	**Demolition of existing boundary wall**		Remove- poor specimen
45	*Agonis flexuosa*	Willow Myrtle	5	5 x 9	850	1300	Fair	Fair	Mature	Short	Low	Low	10200	3695	**Demolition of existing boundary wall**		Remove- poor specimen
46	*Corymbia maculata*	Spotted Gum	12	9 x 9	480	630	Poor	Poor	Semi-mature	Short	Low	Low	5760	2726	**Demolition of existing boundary wall**	**Council street tree**	Declining specimen- can be retained
47	*Corymbia maculata*	Spotted Gum	19	16 x 14	440	900	Good	Good	Mature	Medium	Medium	Medium	5280	3166	**Demolition of existing boundary wall**	**Council street tree**	Retain
48	*Corymbia maculata*	Spotted Gum	13	10 x 4	300	400	Fair	Poor	Semi-mature	Short	Low	Low	3600	2252	**Demolition of existing boundary wall**	**Council street tree**	Retain
49	*Agonis flexuosa*	Willow Myrtle	4	5 x 5	440	660	Fair	Poor	Semi-mature	Short	Low	Low	5280	2779	**Demolition of existing boundary wall**		Remove- poor specimen
50	*Corymbia maculata*	Spotted Gum	15	14 x 12	470	680	Fair	Good	Mature	Short	Medium	Low	5640	2814	**Demolition of existing boundary wall**	**Council street tree**	Retain
51	*Agonis flexuosa*	Willow Myrtle	3	3 x 3	450	550	Good	Poor	Semi-mature	Short	Low	Low	5400	2575	**Demolition of existing boundary wall**		Remove- poor specimen
52	*Eucalyptus robusta*	Swamp Mahogany	22	20 x 22	1050	1400	Fair	Fair	Mature	Medium	High	High	12600	3812	**Demolition of existing building + conflicts with the ramp and tree canopy**	**Overhangs existing building by 12m**	Retain- may require design modification
53	*Corymbia maculata*	Spotted Gum	12	8 x 8	290	430	Good	Fair	Semi-mature	Medium	Low	Low	3480	2322	**Demolition of existing boundary wall**	**Council street tree**	Retain
54	*Eucalyptus robusta*	Swamp Mahogany	20	20 x 12	690	890	Fair	Fair	Mature	Short	Medium	Low	8280	3151	**Demolition of existing building + conflicts with the ramp and tree canopy**	**Overhangs existing building by 4m**	Retain- may require design modification

55	*Corymbia maculata*	Spotted Gum	16	12 x 7	390	470	Fair	Fair	Mature	Medium	Medium	Medium	4680	2410	**Demolition of existing boundary wall**	**Council street tree**	Retain
56	*Eucalyptus robusta*	Swamp Mahogany	17	16 x 16	750	950	Good	Fair	Mature	Medium	Medium	Medium	9000	3239	**Demolition of existing boundary wall**	**Overhangs existing building by 6m**	Retain- may require design modification
57	*Corymbia maculata*	Spotted Gum	22	12 x 8	480	800	Good	Good	Mature	Medium	Medium	Medium	5760	3013	**Demolition of existing boundary wall**	**Council street tree**	Retain
58	*Corymbia maculata*	Spotted Gum	18	10 x 7	290	370	Good	Good	Mature	Medium	Medium	Medium	3480	2180	**Demolition of existing boundary wall**	**Council street tree**	Retain
59	*Eucalyptus robusta*	Swamp Mahogany	21	22 x 22	1100	1300	Good	Fair	Mature	Medium	Medium	Medium	13200	3695	**Demolition of existing boundary wall**	**Overhangs existing building by 10m**	Retain

Goodman

FIRE BRIGADE ACCESS ONLY

BOUNDARY

CORRIDOR

RAMP 1

UNIT G-5 928 m²

UNIT G-6 843 m²

UNIT G-7 843 m²

UNIT G-8 843 m²

UNIT G-9 1266 m²

UNIT G-10 1654 m²

PUMP ROOM

SPRINKLER ø. 11250 TANK

MEZZANINE OFFICE 736 m²

MEZZANINE OFFICE 70 m²

RAMP UP

RAMP 2

UNIT G-1 2922 m²

UNIT G-2 1688 m²

UNIT G-3 2111 m²

UNIT G-4 1703 m²

GROUND FLOOR OFFICE 507 m²

LOBBY 89 m² FFL.3.800

DROP OFF AREA

VISITORS

+RL 2.90

+RL 2.60

TRUCKS ENTRY / EXIT

CORRIDOR

PARKING ENTR / EXIT

BOUNDARY

SETBACK 6000

STORMWATER MANAGEMENT SYSTEM TO CIVIL ENGS DETAILS

1 DA305

1 DA510

2 DA305

3 DA305

OFFICE AREA SCHEDULE	
Name	Area
GROUND FLOOR OFFICE	507 m²
MEZZANINE OFFICE	736 m²
MEZZANINE OFFICE	70 m²
LEVEL 1 OFFICE	736 m²
LEVEL 1 OFFICE	70 m²
LEVEL 1A OFFICE	736 m²
LEVEL 1A OFFICE	70 m²
LEVEL 2 OFFICE	736 m²
LEVEL 2 OFFICE	70 m²
LEVEL 2A OFFICE	301 m²
LEVEL 2A OFFICE	54 m²
CAFE	100 m²
	4186 m²

WAREHOUSE AREA SCHEDULE	
Name	Area
UNIT G-1	2922 m²
UNIT G-2	1688 m²
UNIT G-3	2111 m²
UNIT G-4	1703 m²
UNIT G-5	928 m²
UNIT G-6	843 m²
UNIT G-7	843 m²
UNIT G-8	843 m²
UNIT G-9	1266 m²
UNIT G-10	1654 m²
GROUND: 10	14801 m²
UNIT 1-1	2922 m²
UNIT 1-2	1688 m²
UNIT 1-3	2111 m²
UNIT 1-4	1703 m²
UNIT 1-5	928 m²
UNIT 1-6	843 m²
UNIT 1-7	843 m²
UNIT 1-8	843 m²
UNIT 1-9	1266 m²
UNIT 1-10	1654 m²
LEVEL 01: 10	14801 m²
UNIT 2-1	2922 m²
UNIT 2-2	1688 m²
UNIT 2-3	2111 m²
UNIT 2-4	1703 m²
UNIT 2-5	928 m²
UNIT 2-6	843 m²
UNIT 2-7	843 m²
UNIT 2-8	843 m²
UNIT 2-9	1266 m²
UNIT 2-10	1654 m²
LEVEL 02: 10	14801 m²
	44402 m²

PRELIMINARY

SBA ARCHITECTS

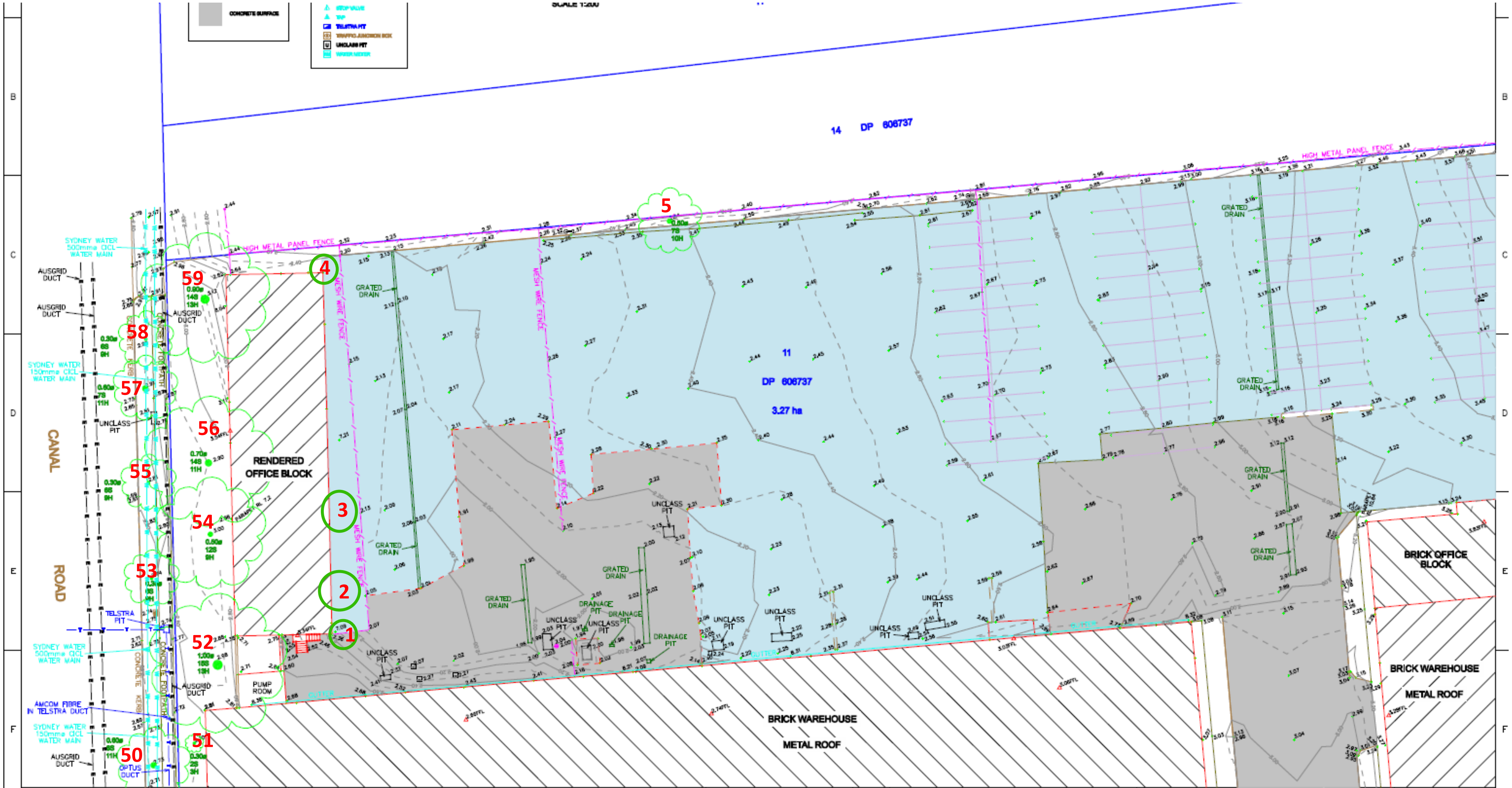
Burrows Industrial Estate — Multilevel Industrial Facility

1 - 3 Burrows Road, Alexandria

GROUND FLOOR

1:500 @ A1
1:1000 @ A3
12/11/19

DA201 (6)
Job No 19211



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A services search of the area surveyed above has not been undertaken. Visible services shown hereon have been located where possible by field survey. Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services.
This note is an integral part of this plan.

REVISION	DATE	DESCRIPTION	CCAD REF	APPROVED
00	19-08-2015	ORIGINAL ISSUE	117708AB	MC

SCALE: HORZ. 1:200 VERT.
CONTOUR INTERVAL: MAJOR 0.2 MINOR 0.1
A1
HORIZONTAL ORIGIN
COORD. SYSTEM: MGA
MARK ADOPTED: SSM 69268
COORDINATES: E 331 608.288 N 6 246 274.425
VERTICAL DATUM
DATUM: AHD
BM ADOPTED: PM 14328
RL: 2.818

Cardno Hard&Forester
Shaping the Future
23-25 Frederick Street
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t: (02) 9597 5700
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e: survey@hardforester.com.au w: www.hardforester.com.au

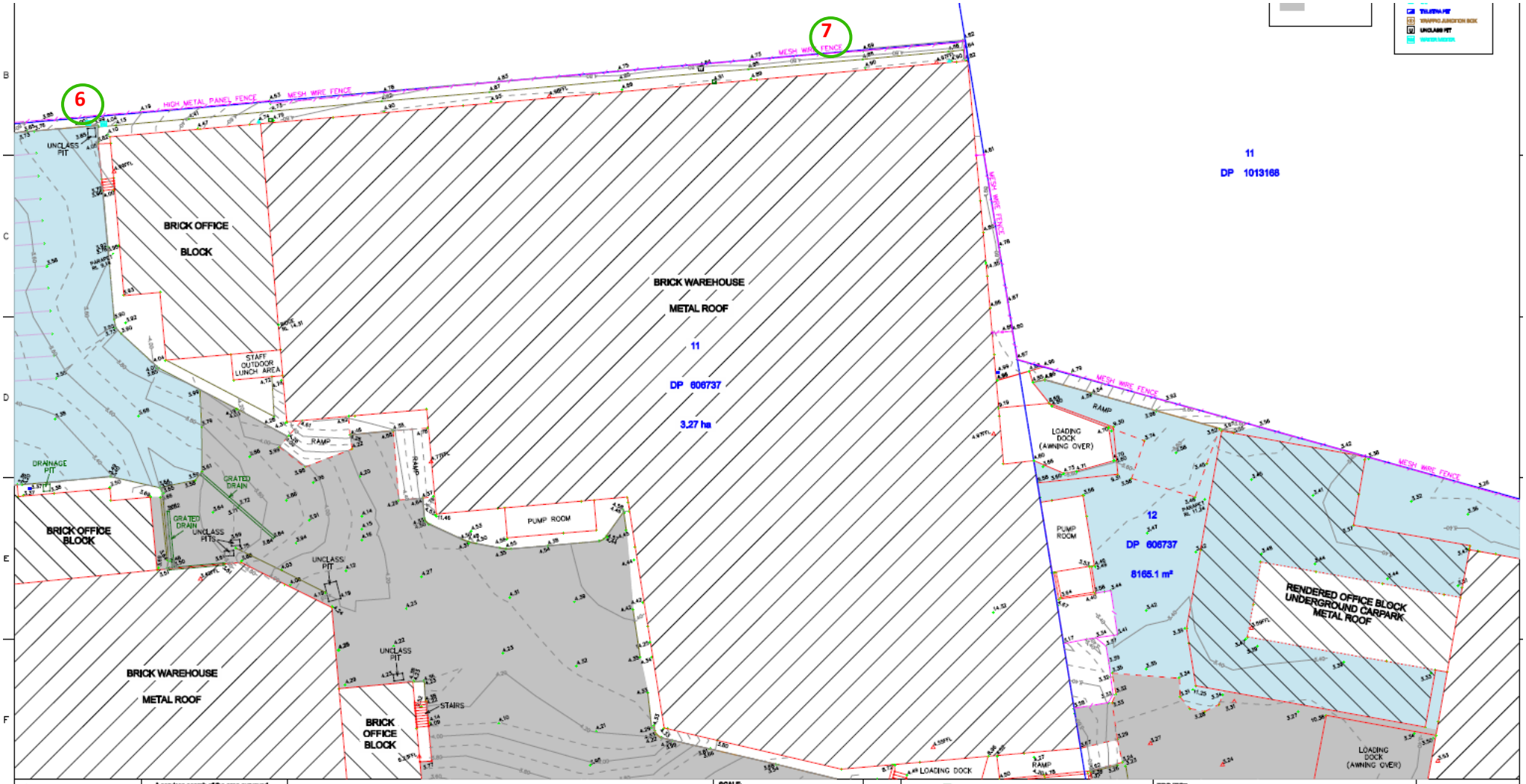
SURVEYED	DRAWN	CHECKED	PASSED
JJ	JC	JJ	MC

PROJECT: 1-3 BURROWS ROAD ALEXANDRIA

PLAN SHOWING DETAIL, LEVELS AND CONTOURS OVER LOT 11 & 12 DP 606737

GOODMAN PROPERTY SERVICES

SHEET 2 OF 6
DRAWING NUMBER: 117708001
REV: 00



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REVISION	DATE	DESCRIPTION	CCAD REF	APPROVED
00	19-06-2015	ORIGINAL ISSUE	117708AB	MC

SCALE: HORZ. 1:200 VERT.
A1
CONTOUR INTERVAL: MAJOR 0.2 MINOR 0.1
HORIZONTAL ORIGIN
COORD. SYSTEM: MGA
MARK ADOPTED: SSM 69268
COORDINATES: E 351 626.296 N 6 246 274.426
VERTICAL DATUM
DATUM: AHD
SIM ADOPTED: PM 14328 RL: 2.818

SURVEYED	DRAWN	CHECKED	PASSED
JJ	JC	JJ	MC

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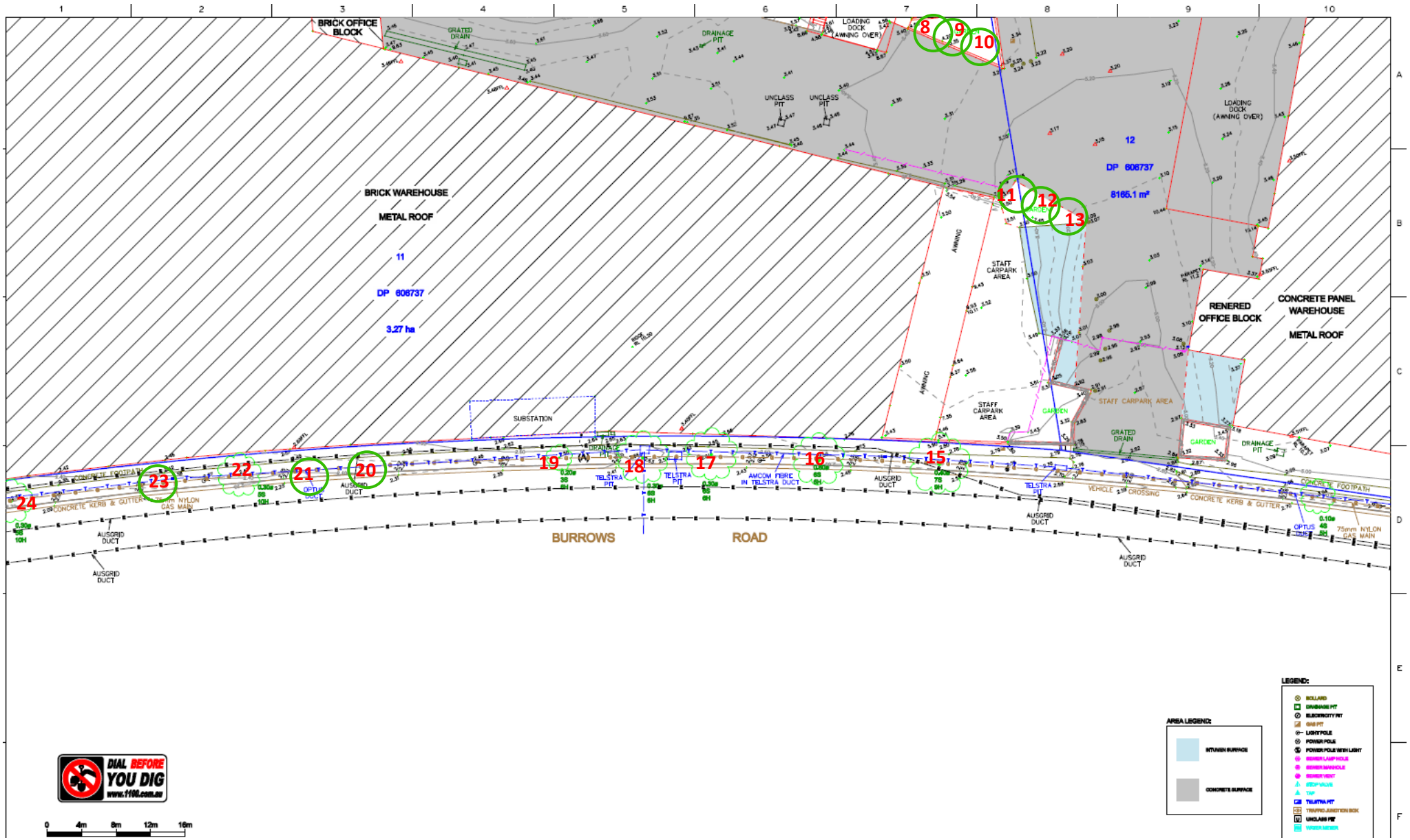
PROJECT:
1-3 BURROWS ROAD ALEXANDRIA

PLAN SHOWING DETAIL, LEVELS AND CONTOURS OVER LOT 11 & 12 DP 606737

GOODMAN PROPERTY SERVICES

SHEET 4 OF 6

DRAWING NUMBER	REV
117708001	00


BRICK OFFICE BLOCK
GRATED DRAIN
DRAINAGE PIT
LOADING DOCK (AWNING OVER)
UNCLASS PIT
UNCLASS PIT
BRICK WAREHOUSE
METAL ROOF
11
DP 606737
3.27 ha
12
DP 606737
8165.1 m²
AWNING
STAFF CARPARK AREA
RENERED OFFICE BLOCK
CONCRETE PANEL WAREHOUSE
METAL ROOF
SUBSTATION
GARDEN
GRATED DRAIN
DRAINAGE PIT
CONCRETE FOOTPATH
CONCRETE KERB & GUTTER
VEHICLE CROSSING
75mm NYLON GAS MAIN
AUSGRID DUCT
TELSTRA PIT
AMCOM FIBRE IN TELSTRA DUCT
OPTUS
BURROWS
ROAD
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AREA LEGEND:
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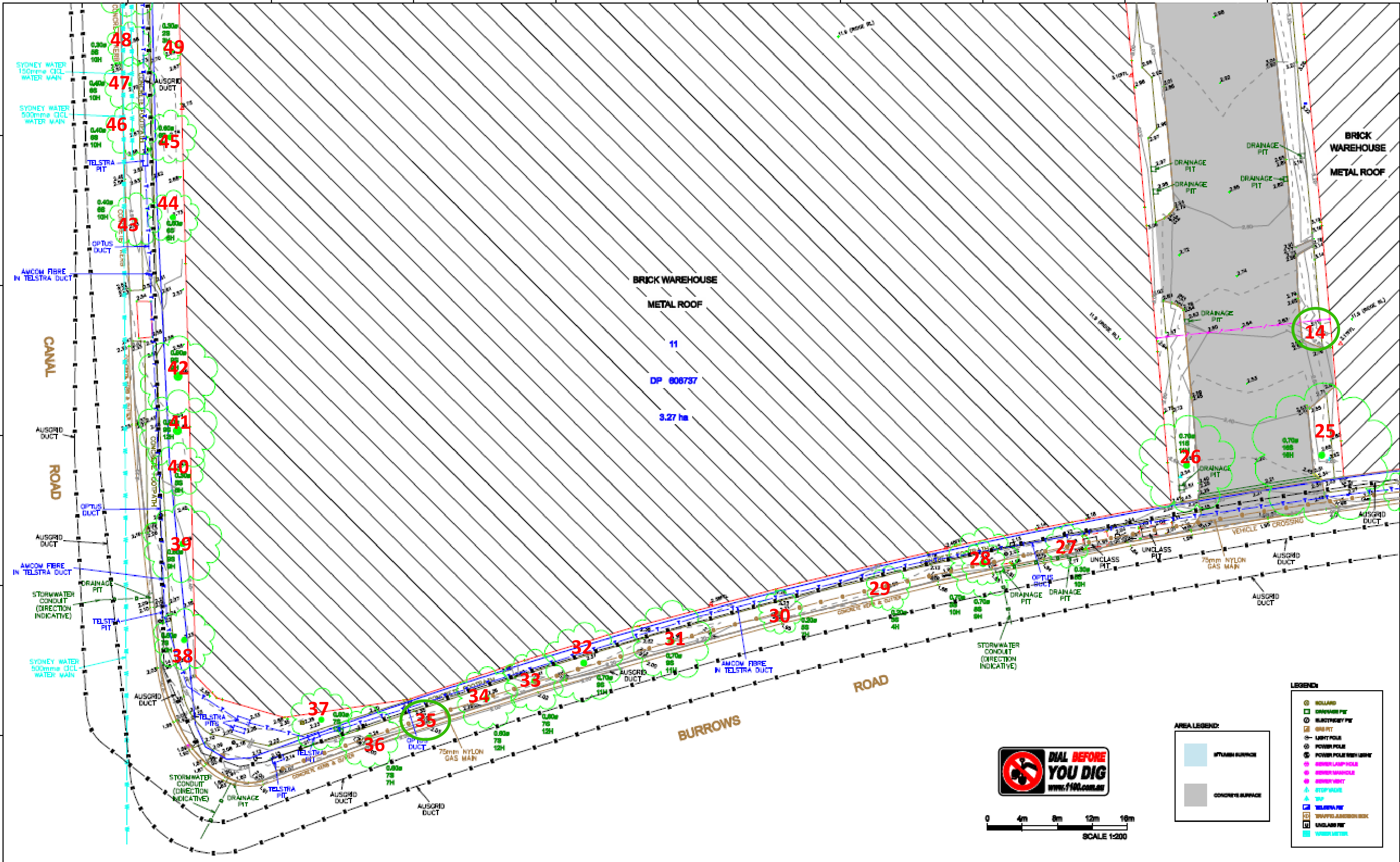
GAS PIT
LIGHT POLE
POWER POLE
POWER POLE WITH LIGHT
SEWER LAMP HOLE
SEWER MANHOLE
SEWER VENT
STOP VALVE
TAP
TELSTRA PIT
TRAFFIC JUNCTION BOX
UNCLASS PIT
WATER METER



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REVISION	DATE	DESCRIPTION	CCAD REF	APPROVED
00	19-08-2016	ORIGINAL ISSUE	117708AB	MC

SCALE: HORZ. 1:200 VERT.
CONTOUR INTERVAL: MAJOR 0.2 MINOR 0.1
A1

HORIZONTAL ORIGIN
COORD. SYSTEM: MGA
MARK ADOPTED: SSM 59268
COORDINATES: E 331 606.386 N 6 245 274.429

VERTICAL DATUM
DATUM: AHD
BM ADOPTED: PM 14328
RL: 2.818

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SURVEYED	DRAWN	CHECKED	PASSED
JJ	JC	JJ	MC

PROJECT:
1-3 BURROWS ROAD ALEXANDRIA

PLAN SHOWING DETAIL, LEVELS AND CONTOURS OVER LOT 11 & 12 DP 606737

GOODMAN PROPERTY SERVICES

SHEET 3 OF 6
DRAWING NUMBER 117708001 REV 00

Appendix D:
BioNet Atlas Search Results

Table D1 BioNet Atlas Search Results within 10 km of Site

Scientific Name	Common Name	BC Act	EPBC Act	Count
Acacia terminalis subsp. Eastern Sydney	Sunshine wattle	E1	E	10
Anthochaera phrygia	Regent Honeyeater	E4A	CE	1
Arctocephalus pusillus doriferus	Australian Fur-seal	V		1
Artamus cyanopterus cyanopterus	Dusky Woodswallow	V		3
Botaurus poiciloptilus	Australasian Bittern	E1	E	1
Burhinus grallarius	Bush Stone-curlew	E1		4
Caladenia tessellata	Thick Lip Spider Orchid	E1	V	2
Calidris alba	Sanderling	V	C,J,K	6
Calidris ferruginea	Curlew Sandpiper	E1	CE,C,J,K	192
Calidris tenuirostris	Great Knot	V	CE,C,J,K	16
Calyptorhynchus lathami	Glossy Black-Cockatoo	V		1
Caretta caretta	Loggerhead Turtle	E1	E	3
Chalinolobus dwyeri	Large-eared Pied Bat	V	V	1
Charadrius leschenaultii	Greater Sand-plover	V	V,C,J,K	4
Charadrius mongolus	Lesser Sand-plover	V	E,C,J,K	8
Crinia tinnula	Wallum Froglet	V		1
Dichanthium setosum	Bluegrass	V	V	1
Diomedea exulans	Wandering Albatross	E1	E	3
Dugong dugon	Dugong	E1		1
Eucalyptus nicholii	Narrow-leaved Black Peppermint	V	V	1
Eucalyptus pulverulenta	Silver-leafed Gum	V	V	1
Glossopsitta pusilla	Little Lorikeet	V		1
Haematopus fuliginosus	Sooty Oystercatcher	V		1
Haematopus longirostris	Pied Oystercatcher	E1		7
Haliaeetus leucogaster	White-bellied Sea-Eagle	V		2
Hibbertia puberula		E1		1
Ixobrychus flavicollis	Black Bittern	V		2
Limicola falcinellus	Broad-billed Sandpiper	V	C,J,K	2
Limosa limosa	Black-tailed Godwit	V	C,J,K	10
Litoria aurea	Green and Golden Bell Frog	E1	V	635
Melaleuca deanei	Deane's Paperbark	V	V	10
Miniopterus orianae oceanensis	Large Bent-winged Bat	V		24
Myotis macropus	Southern Myotis	V		5
Ninox strenua	Powerful Owl	V		26
Perameles nasuta	Long-nosed Bandicoot population in inner western Sydney	E2		23
Persoonia hirsuta	Hairy Geebung	E1	E	2
Petroica boodang	Scarlet Robin	V		1
Petroica phoenicea	Flame Robin	V		1
Phascolarctos cinereus	Koala	E1	E	2

Scientific Name	Common Name	BC Act	EPBC Act	Count
Prostanthera marifolia	Seaforth Mintbush	E4A	CE	3
Pteropus poliocephalus	Grey-headed Flying-fox	V	V	929
Ptilinopus superbus	Superb Fruit-Dove	V		5
Saccolaimus flaviventris	Yellow-bellied Sheathtail-bat	V		5
Senecio spathulatus	Coast Groundsel	E1		1
Stagonopleura guttata	Diamond Firetail	V		3
Sternula albifrons	Little Tern	E1	C,J,K	361
Stictonetta naevosa	Freckled Duck	V		1
Syzygium paniculatum	Magenta Lilly Pilly	E1	V	18
Tetratheca juncea	Black-eyed Susan	V	V	6
Xenus cinereus	Terek Sandpiper	V	C,J,K	7

Licensed Report of all Valid Records of Threatened (listed on BC Act 2016) Entities in selected area [North: -33.87 West: 151.13 East: 151.23 South: -33.97] returned a total of 2,355 records of 50 species. Report generated on 04/07/2022 10:15 AM. Key: BC Act (species listing under the Biodiversity Conservation Act 2016); EPBC Act (species listing under the Environment Protection and Biodiversity Conservation Act 1999); V (vulnerable); E1 and E (endangered); E4A and CE (critically endangered); E2 (endangered population); E4 and X (extinct) C, J, K (migratory species - China, Japan and/or Korea migratory bird agreements).

Appendix E:
Site Photographs

Photo E1 Tree 5 Elaeocarpus angustifolius with hollow

Photo E2 Close-up photograph of hollow within Tree 5

Photo E3 Opening into roof eaves of the office building in the western corner of the site

Photo E4 Opening into roof eaves of the office building in the western corner of the site

Photo E5 Eucalyptus robusta trees on the property boundary

Photo E6 Small disused service building with open access inspected for evidence of microbats

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