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20 October 2020

Ms Minoshi Weerasinghe
Planning Officer
Department of Planning, Industry & Environment
GPO Box 39 | Sydney NSW 2001

Dear Minoshi ,

RESPONSE TO SUBMISSIONS - ABORIGINAL CULTURAL HERITAGE ASSESSMENT REPORT

Urbis received a letter (ref: DOC20/694003-10) from the Aboriginal Cultural Heritage Regulation – North, Heritage NSW in September 2020. The submission requested additional information in relation to the Aboriginal Cultural Heritage Assessment Report (ACHAR). Table 1 below outlines the specific submissions and references the relevant sections of the ACHAR where additional information was provided as response to satisfy the submission.

Table 1 Details of the Response to Submissions

Subject of submission	Response
The ACHAR is interim only and consultation with the registered Aboriginal parties (RAPs) on the draft ACHAR and recommendations has not been completed. This also means that the impact of the proposed works on Aboriginal cultural heritage values has not been completely considered. There may be Aboriginal cultural values that will be harmed that have not yet been identified. All consultation must be completed, collated, and any responses from RAPs, as well as any comments/variations on those responses, documented in the ACHAR.	Urbis has addressed this submission and confirms that the final ACHAR includes information relevant to the completed consultation process and incorporates all the feedback from the Registered Aboriginal Parties (RAPs). Updates have been provided in Section 3.4, 3.4 and 3.5 of the ACHAR.
Appendix C (Consultation Documents) and Appendix D (Consultation Log) have not been included in the ACHAR. There is insufficient evidence of the consultation process in the	Urbis has addressed this submission and confirms that the final ACHAR comprises information relevant to all Appendices. Appendix C and D has been included following the

Subject of submission	Response
<p>ACHAR for us to determine whether the consultation process has been undertaken and documented in accordance with the <i>Aboriginal cultural heritage consultation requirements for proponents 2010</i> (DECCW 2010).</p>	<p>finalisation of the consultation process. Additional information can be found under Appendix C and D.</p>
<p>Insufficient evidence has been presented in the ACHAR to justify the findings of low archaeological potential and low scientific (archaeological) significance for the subject land. The assessment appears to be primarily a desktop review, with no specific information on the methodology and results of the site inspection conducted on 8 July 2020 presented or discussed. As required by the SEARS, the identification of cultural heritage values must be conducted in accordance with the <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW</i> (OEH 2010) and guided by the <i>Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW</i> (OEH 2011).</p>	<p>Urbis has addressed this submission and confirms that additional information has been included for the site inspection, description of the existing environment and confirmation of the already outline archaeological potential and research significance of the area. Additional information has been provided under Section 3.5 of the ACHAR.</p>

If you have any questions, please don't hesitate to contact me at bhansel@urbis.com.au.

Yours sincerely,



Balazs Hansel
Associate Director/Archaeology

The URBIS logo consists of the word "URBIS" in a bold, white, sans-serif font. To the right of the text is a white square frame that is open on the top and right sides, with the text "URBIS" partially overlapping its left side.

URBIS

ABORIGINAL CULTURAL HERITAGE ASSESSMENT REPORT

Upper Australia Precinct,
Taronga Zoo

Prepared for

TARONGA CONSERVATION SOCIETY AUSTRALIA

19 October 2020

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Project Code	P0022459
Report Number	FNL01

Urbis acknowledges the important contribution that Aboriginal and Torres Strait Islander people make in creating a strong and vibrant Australian society.

We acknowledge, in each of our offices the Traditional Owners on whose land we stand.

All information supplied to Urbis in order to conduct this research has been treated in the strictest confidence. It shall only be used in this context and shall not be made available to third parties without client authorisation. Confidential information has been stored securely and data provided by respondents, as well as their identity, has been treated in the strictest confidence and all assurance given to respondents have been and shall be fulfilled.

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EXECUTIVE SUMMARY

This report presents the findings of an Aboriginal Cultural Heritage Assessment (ACHA) for the proposed redevelopment of facilities within the Upper Australia Precinct at Taronga Zoo, 2A Bradleys Head Road, NSW (hereafter referred to as 'the subject area'), (see Figure 1 and Figure 2).

Urbis has been commissioned by Taronga Conservation Society Australia (the Proponent) to produce an Aboriginal Cultural Heritage Assessment Report (ACHAR) in accordance with the Secretary's Environmental Assessment Requirements (SEARs) for the State Significant Development (SSD 10456). This ACHAR will accompany an Environmental Impact Statement (EIS) for the proposed works.

This assessment has been prepared for the proposed redevelopment of Lot 22 DP843294 (partial), which is Crown Land managed by the TCSA (the Zoological Park Board). The proposed works will upgrade the existing Upper Australia Precinct, including a new exhibit design and layouts. This will include demolition of existing structures and some excavation works, while still remaining sympathetic to the design intent of the original 1970s exhibits. The Upper Australia Precinct will display critically endangered Australian animals that form part of Taronga's wildlife conservation and education programs and upgrade "star" attractions including kangaroo, koala, platypus, wombat and emu exhibits.

The proposal will incorporate the demolition of:

- road, associated kerbing and retaining wall for Heritage item 'Wombat Enclosure' (123L);
- section of boundary wall associated with heritage item 07L;
- heritage item 'Timber Boardwalk' (53L); and
- heritage item 'Platypus House' (93B) and associated ground slab and footings.

The proposal will incorporate the following works:

- Refurbishment of the existing Nocturnal House.
- Construction of a new Koala encounter and canopy walk.
- Extension of the existing Macropod walkthrough.
- Creation of a new eastern plaza and western pavilion.
- Upgrades to back of house facilities for animal care.
- Additional toilets and amenities for staff and visitors.
- Other supporting infrastructure and walkways.
- Modifications to the existing ropes course including a new entrance.

This assessment addresses the relevant requirements of the Department of Planning's Secretary's Environmental Assessment Requirements (SEARs) and has been carried out in accordance with the following guidelines:

- *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (Department of Environment, Climate Change and Water (DECCW), 2010) (the Consultation Guidelines).
- *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (Office of Environment and Heritage 2011) (the Assessment Guidelines).
- *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010) (the Code of Practice).

The ACHAR concluded that:

- There are no registered Aboriginal objects and/or places within or in close proximity to the subject area.
- There are no visible landscape features with potential for Aboriginal objects or archaeological deposits located within the subject area. However, the highly modified original creek that still flowing through the sandstone rock ledges in the north side of the Wetland Ponds still have intangible values for the local

Aboriginal people. Moreover, there is a low potential for the remains of sandstone outcrops buried under the imported fill and landscaped environment that might be associated with grinding grooves or engravings.

- The subject area has experienced high levels of disturbance due to historical land use, including the establishment of the zoo in the early 20th century
- The Registered Aboriginal Parties were satisfied with the conclusions and recommendations of the ACHAR.

The proposed development can proceed in accordance with the following recommendations:

Recommendation 1 – Aboriginal Cultural Heritage Induction

It is recommended that induction materials be prepared in consultation with the Registered Aboriginal Parties (RAPs) for inclusion in the construction management plan and site inductions for any contractors working at the subject area. The induction material should include an overview of the types of sites and artefacts to be aware of (i.e. stone tools, concentrations of shells that could be middens and rock engravings and grinding grooves), under the NPW Act, and the requirements of an 'archaeological chance find procedure' (refer below). This should be prepared for the project and included in any site management plans.

The induction material may be paper based, included in any hard copy site management documents; or electronic, such as "PowerPoint" for any face to face site inductions.

Recommendation 2 – Archaeological Chance Find Procedure

In concurrent of the recommendations of the Historical Archaeological Assessment (Urbis 2020) for monitoring of earthworks for any potential historical archaeological resources, it is recommended that the monitoring applied for Aboriginal objects and archaeological resources as well. Although considered highly unlikely, should any Aboriginal objects, archaeological deposits be uncovered during any site works, a procedure must be implemented. The following steps must be carried out:

1. All works stop in the vicinity of the find. The find must not be moved 'out of the way' without assessment.
2. The archaeologist and Aboriginal representative on site examine the find, provides a preliminary assessment of significance, records the item for the AHIMS register and decides on appropriate management. Such management may require further consultation with the Aboriginal Cultural Heritage Regulation Branch of the Department of Premier and Cabinet (DPC), preparation of a research design and archaeological investigation/salvage methodology and decision on temporary care and control.
3. Depending on the significance of the find, reassessment of the archaeological potential of the subject area may be required, and further archaeological investigation undertaken.
4. Reporting may need to be prepared regarding the find and approved management strategies. Any such documentation should be appended to this ACHAR and revised accordingly.
5. Works in the vicinity of the find can only recommence when all management measure all implemented, and the find is removed from the activity area. Should the find be an unmovable item such as an engraving or grinding groove located on a sandstone surface, further management measures will need to be introduced to avoid harm to the find.

Recommendation 3 – Human Remains Procedure

In the unlikely event that human remains are uncovered during any site works, the following must be undertaken:

1. All works within the vicinity of the find immediately stop.
2. Site supervisor or other nominated manager must notify the NSW Police and DPIE.
3. The find must be assessed by the NSW Police, and may include the assistance of a qualified forensic anthropologist.
4. Management recommendations are to be formulated by the Police, DPIE and site representatives.
5. Works are not to recommence until the find has been appropriately managed.

Recommendation 4 – RAP consultation

A copy of the final ACHAR must be provided to all project RAPs. Ongoing consultation with RAPs should occur as the project progresses. This will ensure ongoing communication about the project and key milestones and ensure that the consultation process does not lapse, particularly with regard to consultation should the Chance Find Procedure be enacted.

1. INTRODUCTION

This report presents the findings of an Aboriginal Cultural Heritage Assessment (ACHA) for the proposed redevelopment of facilities within the Upper Australia Precinct at Taronga Zoo, 2A Bradleys Head Road, NSW (hereafter referred to as 'the subject area'), (see Figure 1 and Figure 2).

Urbis has been commissioned by Taronga Conservation Society Australia (TCSA) to produce an Aboriginal Cultural Heritage Assessment Report (ACHAR) in accordance with the Secretary's Environmental Assessment Requirements (SEARs) for the State Significant Development (SSD 10456). This ACHAR will accompany an Environmental Impact Statement (EIS) for the proposed works.

1.1. PROPOSED ACTIVITY

The Upper Australia Precinct will complete the redevelopment of the entire Australian Habitat section of Taronga Zoo and will represent central and northern Australia with animal species and landscapes that reflect the central Australian deserts and top end wetlands.

The proposed works will upgrade the existing Upper Australia Precinct, including a new exhibit design and layouts. This will include demolition of existing structures and some excavation works, while still remaining sympathetic to the design intent of the original 1970s exhibits. The Upper Australia Precinct will display critically endangered Australian animals that form part of Taronga's wildlife conservation and education programs and upgrade "star" attractions including kangaroo, koala, platypus, wombat and emu exhibits.

The proposal will incorporate the demolition of (Figure 3):

- road, associated kerbing and retaining wall for Heritage item 'Wombat Enclosure' (123L);
- section of boundary wall associated with heritage item 07L;
- heritage item 'Timber Boardwalk' (53L); and
- heritage item 'Platypus House' (93B) and associated ground slab and footings.

The proposal will incorporate the following works:

- Refurbishment of the existing Nocturnal House.
- Construction of a new Koala encounter and canopy walk.
- Extension of the existing Macropod walkthrough.
- Creation of a new Western pavilion which will provide the formal entrance to the Precinct.
- Creation of the Escarpment Walk and Southern Link.
- Upgrades to back of house facilities for animal care.
- Additional toilets and amenities for staff and visitors.
- Other supporting infrastructure and walkways.
- Augmentation and extension of existing electrical, mechanical, hydraulic, stormwater and dry fire systems.
- Landscaping works including the removal of 37 trees.

The proposal will incorporate excavation (Figure 4) of areas, including:

- The inside the wetland ponds (within vicinity of heritage items 08L & 107L), where base will be excavated, and walls will remain intact.
- A small section of the western side of the existing entrance of the Nocturnal House.
- Conversion of footpaths to boardwalks, which will involve spot excavations for pylons within the Australian wildlife enclosure (123L) where a boardwalk will be installed to minimise surface footprint of the development.

1.2. STATUTORY CONTROLS

Management of Aboriginal objects is under the statutory control of the *National Parks and Wildlife Act 1974* (NPW Act) further regulation of the process is outlined in the *National Parks and Wildlife Regulations 2009* (NPW Reg). This ACHA has been carried out in accordance to Part 6 of the NPW Act and Part 8A of the NPW Reg. The ACHAR was prepared the statutory guidelines under the NPW Act including:

- *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (Department of Environment, Climate Change and Water (DECCW), 2010) (the Consultation Guidelines).
- *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (Office of Environment and Heritage 2011) (the Assessment Guidelines).
- *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010).
- *The Australia ICOMOS Charter for Places of Cultural Significance, The Burra Charter, 2013* (Burra Charter).

The ACHA is required to inform the Environmental Impact Statement (EIS) which will be submitted to support a State Significance Development Application (SSDA). The ACHA will also address the relevant requirements of the Department of Planning's Secretary's Environmental Assessment Requirements (SEARs).

1.2.1. Response to SEARs

The ACHAR is guided by the Secretary's Environmental Assessment Requirements (SEARs) for the State Significant Development (SSD 10456). Identifies the relevant SEARs and the corresponding sections of this ACHAR.

Table 1 – SEARs and relevant report sections

SEARs Item	Report Section
<i>Identify and describe the Aboriginal cultural heritage values that exist across the whole area that would be affected by the development and 3 document these in an Aboriginal Cultural Heritage Assessment Report (ACHAR). This may include the need for surface survey and test excavation. The identification of cultural heritage values must be conducted in accordance with the Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW (OEH 2010), and guided by the Guide to investigating, assessing and reporting on Aboriginal Cultural Heritage in NSW (DECCW, 2011)</i>	An assessment of the tangible component of Aboriginal cultural heritage values of the subject area is contained in Section 2 and the intangible cultural heritage aspect is provided from the comments of the Registered Aboriginal Parties in Section 3 of this report.
<i>Consultation with Aboriginal people must be undertaken and documented in accordance with the Aboriginal cultural heritage consultation requirements for proponents 2010 (DECCW). The significance of cultural heritage values for Aboriginal people who have a cultural association with the land must be documented in the ACHAR.</i>	The consultation process which was undertaken in the preparation of this ACHA is outlined in Section 2.
<i>Impacts on Aboriginal cultural heritage values are to be assessed and documented in the ACHAR. The ACHAR must demonstrate attempts to avoid impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the ACHAR must outline measures proposed to mitigate impacts. Any objects recorded as part of</i>	The ACHA process confirmed that there is no impact proposed for known Aboriginal cultural heritage values and that there is a

SEARs Item	Report Section
<i>the assessment must be documented and notified to OEH. Note that due diligence is not an appropriate assessment, an ACHAR is required.</i>	very low potential for Aboriginal cultural heritage resources within the subject area. Recommended mitigation measures, are outlined in Section 8 of this report.

1.3. OBJECTIVES

The objectives of this ACHA are to:

- Investigate the presence, or absence, of Aboriginal objects and/or places within and in close proximity to the subject area, and whether those objects and/or places would be impacted by the proposed development.
- Investigate the presence, or absence, of any landscape features that may have the potential to contain Aboriginal objects and/or sites and whether those objects and/or sites would be impacted by the proposed development.
- Document the nature, extent and significance of any Aboriginal objects and/or place and sites that may located within the subject area.
- Document consultation with the Registered Aboriginal Parties (RAPs) with the aim to identify any spiritual, traditional, historical or contemporary associations or attachments to the subject area and any Aboriginal objects and/or places that might be identified within the subject area.
- Provide management strategies for any identified Aboriginal objects and/or places or cultural heritage values.
- Provide recommendations for the implementation of the identified management strategies.
- Prepare a final Aboriginal Cultural Heritage Assessment Report (ACHAR) to be included in the Environmental Impact statement (EIS) for the proposed redevelopment.

1.4. AUTHORSHIP

This ACHA has been prepared by Aaron Olsen (Assistant Archaeologist), Meggan Walker (Consultant Archaeologist) and Alexandra Ribeny (Consultant Archaeologist) with review and quality control undertaken by Balazs Hansel (Associate Director Archaeology).



GDA 1994 MGA Zone 56

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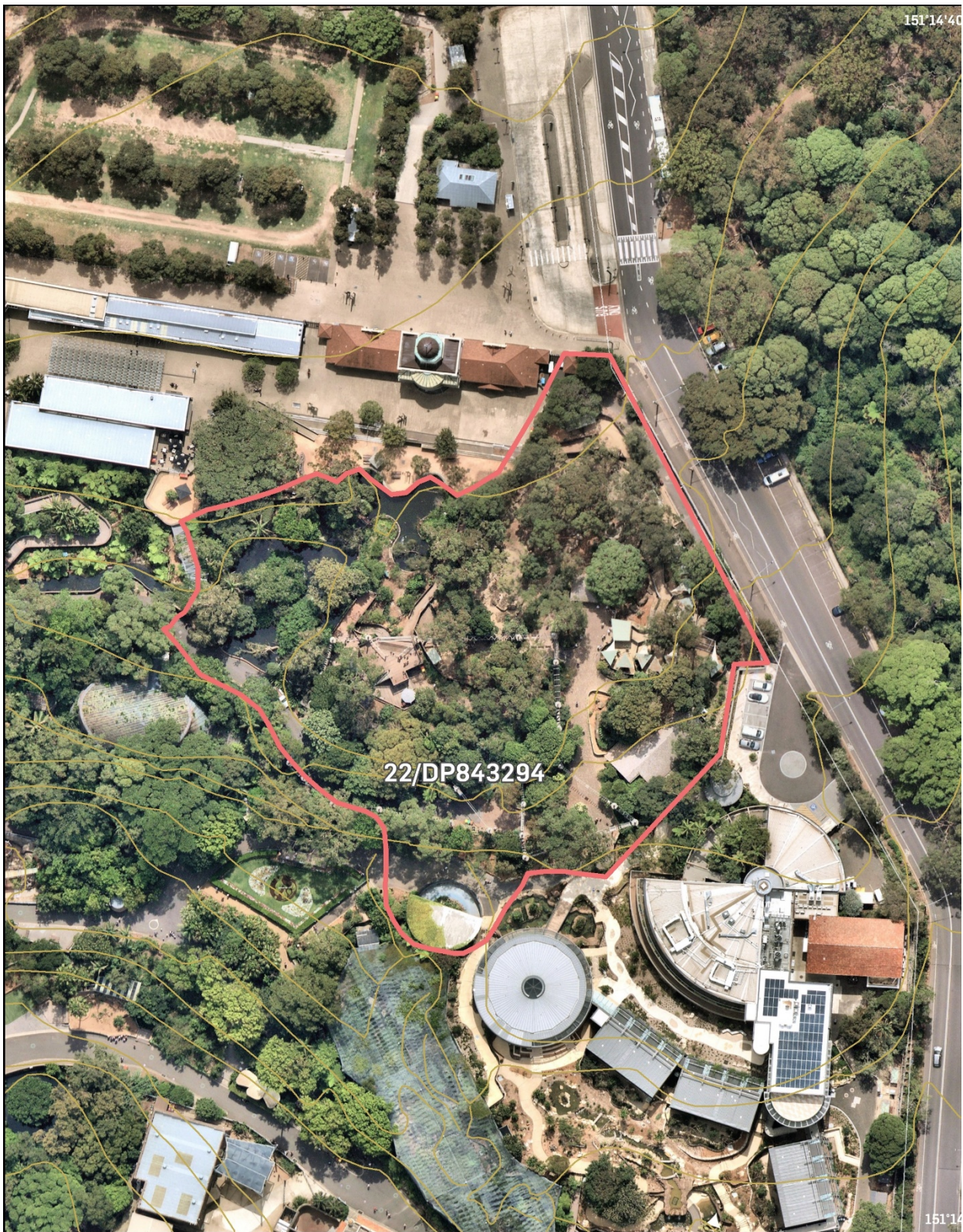


Project No: P0022459
Project Manager: Balazs Hansel

● Subject Area

REGIONAL LOCATION
Taronga Zoo (Upper Australia Precinct)
Taronga Conservation Society Australia

Figure 1 – Regional location



GDA 1994 MGA Zone 56

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Project No:P0022459

Project Manager: Balazs Hansel

■ Subject Area
 — Contours
 ■ Hydrology

LOCATION OF THE SUBJECT AREA
 Taronga Zoo (Upper Australia Precinct)
 Taronga Conservation Society Australia

Figure 2 – Location of the subject area



Figure 4 Proposed excavation within the Wetland Ponds and west of the entrance of the Nocturnal House.

Source: Lahznimmo Architects 2020

2. ARCHAEOLOGICAL CONTEXT

2.1. LOCATION

Taronga Zoo is located at Bradleys Head Road, Mosman and is situated in the Mosman Local Government area (LGA). The site is bounded by Bradleys Head Road to the east, Athol Wharf Road and Sydney Harbour to the south, Little Sirius Cove to the west and Whiting Beach Road to the north.

Taronga Zoo is legally described as Lot 22 on DP843294 and is Crown Land managed by the TCSA (the Zoological Park Board).

The proposed Upper Australia Precinct is located at the north-eastern corner of the Taronga Zoo site as shown in Figures 1 and 2. The site is surrounded on three sides by existing zoo facilities and adjoins Bradleys Head Road near the northern main zoo entrance. On the opposite side of Bradleys Head Road to the east of the site is Sydney Harbour National Park. The nearest residential areas to the proposal site are approximately 200m to the north on Bradleys Head Road and Whiting Beach Road. These areas are separated from the project site by the national park and the zoo's car parking, forecourt and main entrance building.

Existing uses and facilities in the Upper Australia Precinct area include:

- Avian wetland.
- Wild ropes course.
- Nocturnal House.
- Macropod walk-through.
- Koala experience.
- Platypus house.

The existing facilities largely comprise open air exhibits, pathways, landscaping and associated infrastructure/servicing areas.

2.2. ABORIGINAL ARCHAEOLOGICAL BACKGROUND

This section comprises the summary of the archaeological background research for Aboriginal cultural heritage resources. This includes the search of the Aboriginal Heritage Information Management System (AHIMS), previous archaeological investigations pertinent to the subject area and landscape analysis.

2.2.1. Aboriginal Heritage Information Management System (AHIMS)

The AHIMS database comprises previously registered Aboriginal archaeological objects and cultural heritage places in NSW and it is managed by the Department of Planning, Industry and Environment (DPIE) under Section 90Q of the *National Parks and Wildlife Act 1974* (NPW Act).

Aboriginal objects are the official terminology in AHIMS for Aboriginal archaeological sites. From this point in the assessment forward the terms of 'Aboriginal sites', 'AHIMS sites' or 'sites' will be used to describe the nature and spatial distribution of archaeological resources in relation to the subject area.

The search of the AHIMS was carried out on 17 April 2020 (Client Service ID: 497886) for an area of approximately 8 km². The search found no registered Aboriginal sites within or adjacent to the subject area.

Altogether 60 Aboriginal sites were identified within the search area. Open sites such as artefact scatters and Potential Archaeological Deposits (PAD) comprised 37% (n=22) of search results; while closed sites, such as shelters comprised 63% (n=38) of search results.

The search results are shown on Figure 6, discussed in Table 2 and Figure 5, and included as Appendix A.

Table 2 – AHIMS search results (Client Service ID: 497886)

Site Type	Number	Percentage
Shelter with Shell Midden	23	38%
Shell Midden	9	16%
Rock Engraving	8	13%
Shelter with Art	8	13%
Midden	3	5%
PAD	2	3%
Shelter with Art and Shell Midden	2	3%
Shelter with Midden	2	3%
Shelter	1	2%
Shelter with Art and Midden	1	2%
Shelter with Art, Shell Midden and Burial/s	1	2%
Total	60	100%

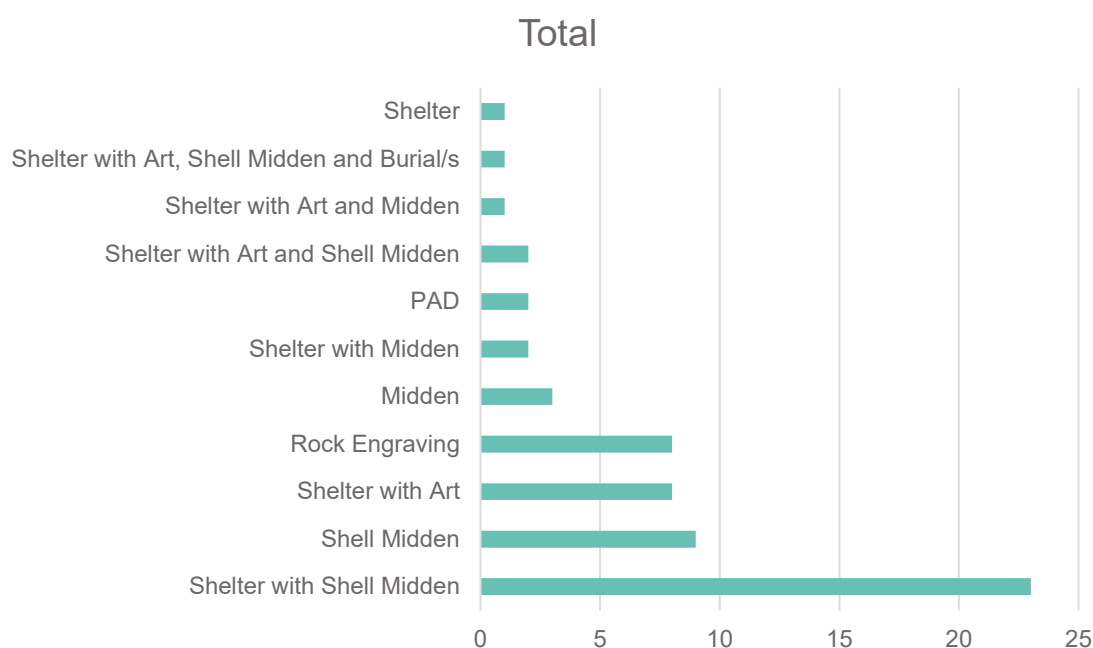


Figure 5 – AHIMS search results (Client Service ID: 497886)

The types of sites identified reflect the landscape and environment of the search area. Sites which include shelters encompass 63% of the total assemblage (n=38). These types of sites are dependent on two natural environment factors - the presence of sandstone outcrops and the proximity of waterways.

The former is reflected in the abundance of sites which have made use of local sandstone resources (77%, n=46). The sandstone bedrock which characterises the Mosman LGA was utilised extensively by local Aboriginal groups. Overhangs and outcrops provided an important source of shelter and protection. Sandstone also served a medium for the manufacture of tools and a surface for engravings and pigment art (AMBS 2002:14).

The latter is reflected in the abundance of sites which evidence the exploitation of marine resources (39, n=65%). A search of the AHIMS has revealed that sites are primarily registered in proximity to waterways, clustering around the shoreline of Bradley's Head and George's Head (see Figure 6). This observation has been reproduced in a number of studies (Attenbrow 1990, Koettig 1991, AMBS 2005).

Shelters with art comprised 21% (n=11) of the search results. Hand stencils are the most frequent motif found in the Mosman area, accounting for 84% (AMBS 2005:83).

Open rock engraving sites comprised 15% (n=8) of the search results. Previous studies (Bradley 2000, AMBS 2005) have identified rock engraving sites as displaying the highest degree of internal variation within the Mosman area. Unlike other site types, they also display no clear relationship with their environmental context, suggesting that they were neither systematic nor purposeful (AMBS 2005:99). Four clear zones of engraving activity have been identified in Mosman. The style which characterises the south-eastern zone, which encompasses Bradley's Head and was inhabited by the Borogegal, is distinguished from the north shore of Port Jackson, which was inhabited by the Cammeragal.

The impact of the expanding urban development within the Mosman LGA has had a major impact on the survival of Aboriginal archaeological resources and a large number of Aboriginal archaeological sites were disturbed or destroyed before the legislative protection of Aboriginal objects and places was introduced in 1974. Since the late 20th century, however, number of surveys have indicated that the rate of preservation of Aboriginal sites within the Mosman LGA is higher than had previously been assumed and 'exceptional' within the context of the Sydney Metropolitan Area (Koettig 1991, AMBS 2005).

Heritage listings are shown on Figure 7. The subject area is located within the curtilage of a local heritage item which is listed under Part 1 of Schedule 5 of the Mosman LEP 2012 as "Rainforest Aviary", "Elephant House", bus shelter and office, floral clock and upper and lower entrance gates' (item no. 134).

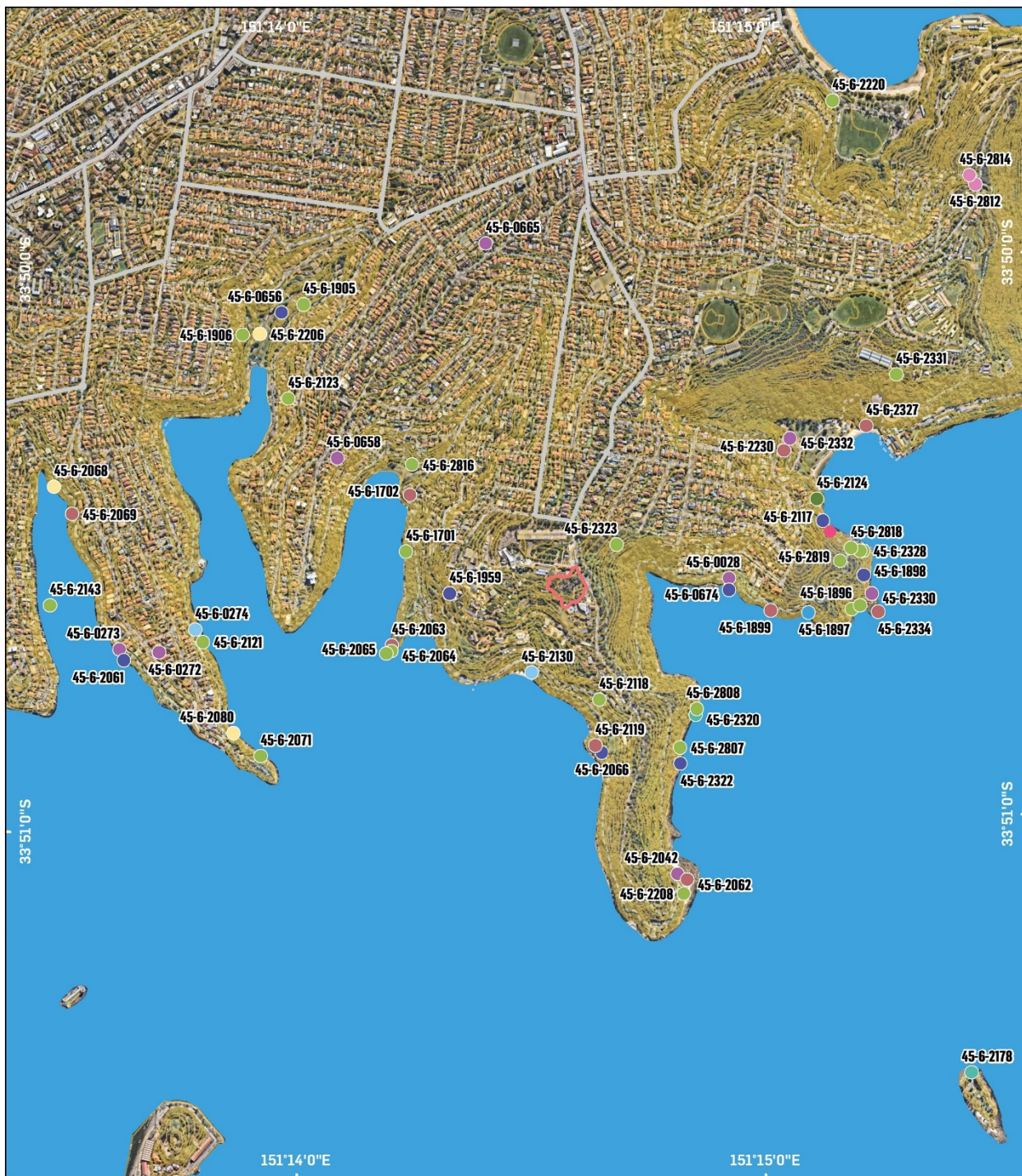
It should be noted that the AHIMS register does not represent a comprehensive list of all Aboriginal objects or sites in a specified area. It lists recorded sites identified during previous archaeological survey effort. The wider surroundings of the subject area have experienced various levels and intensity of archaeological investigations during the last few decades. Most of the registered sites have been identified through targeted, pre-development surveys for infrastructure and maintenance works, with the restrictions on extent and scope of those developments.

Table 3 – AHIMS search results – Site characteristics (Client Service ID: 497886)

Site Characteristic	Number	Percentage
Open	22	37%
Closed	38	63%
Shelter with midden (any type)	47	78%
Sandstone	46	77%
Artefact	4	7%
Shell	39	65%
PAD	2	3%

It should also be important to understand that archaeological sites alone will not provide the full context of how Aboriginal people might have used the landscape in the past and how their every day and ceremonial activities shaped the landscape and provided the cultural connection to the natural environment.

Archaeological resources comprise only one aspect (tangible) of Aboriginal cultural heritage and intangible cultural heritage provides a more holistic context of past and present Aboriginal life.



GDA 1994 MGA Zone 56

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400 Meters

Project No: P0022459

Project Manager: Balazs Hansel

Subject Area

Contours

Hydrology

Midden

PAD

Rock Engraving

Shell Midden

Shelter

Shelter with Art

Shelter with Art and Midden

Shelter with Art and Shell Midden

ABORIGINAL HERITAGE CONSTRAINTS

Taronga Zoo (Upper Australia Precinct)

Taronga Conservation Society Australia

Shelter with Art, Shell Midden and Burial/s

Shelter with Midden

Shelter with Shell Midden

Figure 6 – Registered Aboriginal sites in search area

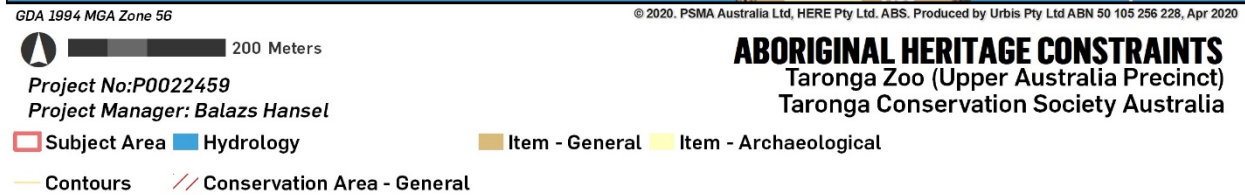


Figure 7 – Historical heritage constraints.

2.2.2. Regional Archaeological Context

Archaeological publications which relate to the Mosman area date back over 120 years, with W. D. Campbell's (1899) and R. H. Mathews (1898, 1899) systematic recordation of Aboriginal rock engravings around Sydney throughout the 1890s. The subsequent 50 years experienced a hiatus in the investigation of Aboriginal sites.

Mosman Council commissioned heritage studies for the municipality in the late 20th century (Haglund and Rich 1988; Koettig 1991). Haglund and Rich (1988) identified 21 Aboriginal sites within the LGA and, just 3 years later, Koettig (1991) identified 77.

Throughout the 1990s Attenbrow (1990, 1991, 1991, 1993, 1994, 1995) undertook a number of archaeological surveys and excavations within the Mosman LGA. Attenbrow identified a further 123 occupation sites (1990). Excavations of a rockshelter at Balmoral Beach (Attenbrow 1992, 1993, 1994 & 1995) revealed a continuous record of occupation from 2,500 BP.

In 2005 an Aboriginal Heritage Study (AHS) was prepared for the Mosman LGA by AMBS. This publication was commissioned by the NSW National Parks and Wildlife Service (NPWS), Metropolitan Local Aboriginal Land Council (MLALC), Mosman Council and Sydney Harbour Federation Trust (SHFT) for the purpose of clearly articulating the responsibilities of these agencies in respect of the Aboriginal heritage of the Mosman LGA. At the time of writing there were 92 recorded sites within the Mosman LGA and the AHS identified a further 15.

These publications are briefly summarised below in Table 4

Table 4 – Summary of previous publications relevant to the Mosman regional archaeological context

Report	Summary	Relevance to Subject Area
<i>Oakley, B. 1984. An Archaeological Survey of the Northbridge Golf Links</i>	Report commissioned by Willoughby Municipal Council in relation to a Masterplan for the proposed upgrade of existing walking trails and other upgrade works in Northbridge Park, which is under the ownership of Northbridge Golf Club.	<ul style="list-style-type: none"> Established that none of the identified Aboriginal sites were in 'good' condition, having been subject to significant disturbance Recommended that public access to sites be prevented through the removal of trails and planting of shrubs.
<i>Attenbrow & Ross, 1990. Archaeological Site Survey: Bradley's Head</i>	Report prepared in relation to the proposed redevelopment of the HMAS Memorial at Bradley's Head in Sydney Harbour National Park. It established that no Aboriginal sites were located within the vicinity of the proposed works, with the exception of an artefact	<ul style="list-style-type: none"> Although the landscape context would predict that middens, art sites and other site types were once abundant on the southern tip of Bradley's head, these would have been removed through the construction of fortifications and roads in the 19th and 20th centuries Identified a rock shelter site (45-6-1959) in addition to the 5 registered sites located on Bradley's Head peninsula.
<i>Attenbrow, V. 1990. The Port Jackson Archaeological Project, Stage 1: a study of the Port Jackson Catchment</i>	This report encompassed a review of existing and potential Aboriginal sites throughout the Port Jackson area. It also attempted to address broader research questions relating to the subsistence strategy and material repertoire which were adopted by the Aboriginal people of Port Jackson.	<ul style="list-style-type: none"> Established that the range and predominance of particular shellfish species varies according to distance from the harbour and that middens are located in relation to resources Established that 16% of middens were totally or highly disturbed, 31% were totally or partially disturbed and that in 53% of sites some in situ deposit had survived Established that Port Jackson retains a large number of middens which are suitable for scientific research purposes
<i>Koettig, M. 1991. Mosman Municipality Heritage Study of Aboriginal Sites</i>	In 1990 Mosman Council commissioned a heritage study of Aboriginal sites across the Mosman municipality. The report provided detailed information in	<ul style="list-style-type: none"> Identified a total of 77 Aboriginal sites Established that the majority of occupational deposits are associated with the foreshore and always contain shell middens

Report	Summary	Relevance to Subject Area
<i>Attenbrow, 1992, 1993, 1994, 1995. Archaeological Excavation of a rockshelter at the southern end of Balmoral Beach, Mosman</i>	relation to identified sites as well as recommendations in relation to conservation policy. This study documented the excavation of a shell midden at a rockshelter at Balmoral Beach. Excavation was undertaken both inside and outside of the rockshelter and revealed a continuous deposit containing stone artefacts, faunal remains, hearths and shell material dating back at least 2,500 BP.	<ul style="list-style-type: none"> Established that art occurs both in open and closed contexts and in all areas of the landscape Identified two 'Art / Shelter' sites within the curtilage of the subject area Revealed a record of continuous occupation over a period of 2,500 years, as indicated by multiple hearths Shell material was located principally in the upper 65 cm of the deposit, suggesting a transition to a marine-based diet 18 different species of shellfish were identified, suggesting varied exploitation of the marine resources.
<i>GML, 2004, Taronga Zoo Archaeological Management Plan</i>	Report commissioned by Zoological Parks Board of New South Wales (ZPB NSW) in preparation for the redevelopment of numerous precincts throughout the zoo. Consolidated information from a number of heritage and archaeological reports which GML had previously prepared for proposed works within Taronga Zoo.	<ul style="list-style-type: none"> Subject area is comprised of the following two archaeological zones: Zone 4: Medium – low potential. Areas heavily modified by European development. Brief contractors if subsurface disturbance proposed and if relics exposed cease work and report to MLALC and NPWS and act as for Zone 3. Zone 5: Nil potential. Areas which have previously been excavated down to bedrock, or culturally sterile soil profiles. No further Aboriginal archaeological input required. Act as for Zone 3 if any relic is found (unlikely).
<i>AMBS, 2005. Aboriginal Heritage Study of the Mosman Local Government Area.</i>	Study commissioned by the NSW National Parks and Wildlife Service (NPWS), Metropolitan Local Aboriginal Land Council (MLALC), Mosman Council and Sydney Harbour Federation Trust (SHFT). Aimed at outlining the responsibilities of these agencies in respect of the Aboriginal heritage of the Mosman LGA.	<ul style="list-style-type: none"> Identified the Aboriginal heritage of the Mosman LGA as exceptional on the basis that the frequency and preservation of archaeological finds is almost unparalleled within the Sydney Metropolitan Area The majority of Aboriginal sites are located along the foreshore and lower slope areas, suggesting a preference for marine resources Middens, both open and closed, displayed the least variation of any Aboriginal site type in the Mosman LGA

Report	Summary	Relevance to Subject Area
		<p>and reflect a preference for the coastal landscape, rather than a bias caused by development away from the immediate shorelines</p> <ul style="list-style-type: none"> ▪ The distribution and variation within Aboriginal sites in relation to topography revealed two primary areas of occupation: north-west and south-east
<i>NSW Department of Environment, Climate Change and Water, 2010. Aboriginal Heritage of Mosman</i>	This document was prepared by DECC with the intention of providing an accessible guide to the Aboriginal heritage of the Mosman area.	<ul style="list-style-type: none"> ▪ Outlines principal site types which are found within the Mosman area; these being middens, archaeological deposits, engravings, pigment art, burials and grinding grooves.
<i>GML, 2006, Taronga Zoo, Australian Coastline Precinct: Archaeological Monitoring Report</i>	<p>Commissioned by the ZPB NSW to monitor ground disturbance of works associated with the redevelopment of the 'Australian Coastline Precinct' (now known as the Great Southern Oceans Precinct').</p> <p>Uncovered remnant historical pathways and footings, however, these were highly disturbed.</p>	<ul style="list-style-type: none"> ▪ Approximately 100m south-west of subject area ▪ No Aboriginal objects were uncovered during archaeological monitoring.
<i>GML, 2010, Taronga Zoo Upper Entrance Precinct: Archaeological Monitoring Report</i>	<p>Commissioned by Taronga Zoo to monitor ground disturbance of works associated with the redevelopment of the 'Taronga Zoo Upper Entrance Precinct' in preparation for the construction of a multi-storey carpark in the area.</p> <p>Report responded to the AMP and HIS for the Upper Entrance Precinct which identified the potential for a number of Historical archaeological resources.</p>	<ul style="list-style-type: none"> ▪ Approximately 50m north of the subject area ▪ High degree of disturbance with site filled and levelled in the late 20th century ▪ No Aboriginal objects were uncovered during archaeological monitoring.
<i>GML, 2011, Taronga Zoo Upper Entrance Precinct: Stage 2 Archaeological Monitoring Report</i>	Commissioned by the ZPB NSW to monitor ground disturbance of works associated with the redevelopment of the 'Taronga Zoo Upper Entrance Precinct'.	<ul style="list-style-type: none"> ▪ Approximately 50m north of the subject area ▪ No Aboriginal objects were uncovered during archaeological monitoring.

2.2.3. Local Archaeological Context

Although no previous archaeological investigations relate specifically to the subject area, it has been incorporated within a number of surveys which covered Port Jackson and the Mosman LGA.

The following publications are discussed specifically in relation to their implications for the subject area.

Attenbrow, V. 1990. *The Port Jackson Archaeological Project, Stage 1: a study of the Port Jackson Catchment*

A publication of relevance for the present assessment was the *Port Jackson Archaeological Project*, prepared by Val Attenbrow on behalf of the Australian Museum in 1990. Stage 1 of this study involved a survey of Aboriginal archaeological sites throughout Port Jackson, which contributed significantly toward an increased understanding of the relationship between site type and landscape features. The study found that the majority of sites were located within proximity of water, Hawkesbury sandstone and on the lower points of ridgelines. Attenbrow (1990:46-47) attributed these findings to the reduced development and increased visibility afforded by these landscape features.

Koettig, M. 1991. *Mosman Municipality Heritage Study of Aboriginal Sites*

Koettig's review of Aboriginal sites throughout the Mosman LGA found that site types were 'typical of those found in the Hawkesbury Sandstone Region', which is characterised by an absence of stone arrangements, grinding grooves and scarred trees (Koettig 1991:39). This is reflected also in the AHIMS search results for the present study in which none of these site types were observed (Table 2).

Koettig found that although Aboriginal sites could be found in all parts of the landscape, clear associations were observed between particular site types and landscape features, with engravings more likely to be found along ridgetops and middens within proximity of the shoreline.

GML, 2004, *Taronga Zoo Archaeological Management Plan*

The Taronga Zoo AMP characterises the Zoo site as consisting of sloping sandstone topography which has been levelled through cutting and filling in association with the establishment of the Zoo in the early 20th century. Areas which have been excavated down to bedrock are thus identified as archaeologically sterile. Other areas in which soil profiles survived but which have been heavily disturbed by earthworks and construction are identified as having medium – low potential. Where sections of the natural topography survive, these are identified as having potential for the following Aboriginal site types:

- Rock shelters with art and/or shell midden.
- Middens.
- Rock engravings.
- Grinding grooves.
- Open campsites.
- Isolated finds.

The Taronga Zoo AMP identifies the subject area within the following zones (Figure 8):

- **Zone 4: Medium – low potential.** Areas heavily modified by European development. Brief contractors if subsurface disturbance proposed and if relics exposed cease work and report to MLALC and NPWS and act as for Zone 3.
- **Zone 5: Nil potential.** Areas which have previously been excavated down to bedrock, or culturally sterile soil profiles. No further Aboriginal archaeological input required. Act as for Zone 3 if any relic is found (unlikely).

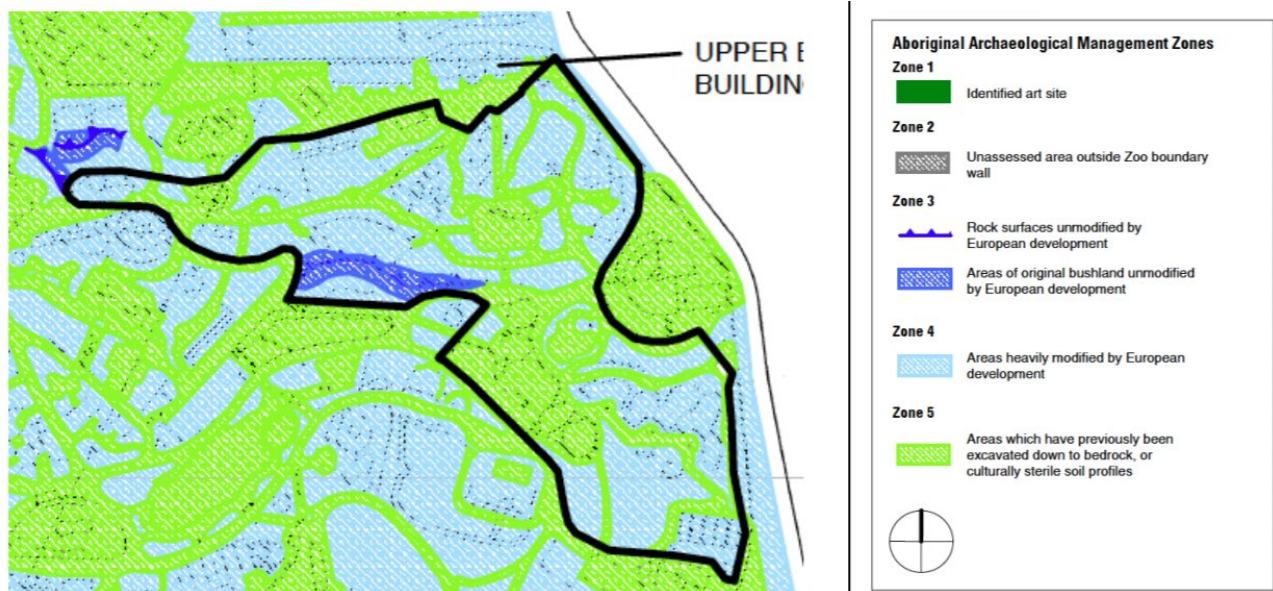


Figure 8 – Aboriginal archaeological management zones

Taronga Zoo AMP 2004

AMBS, 2005. *Aboriginal Heritage Study of the Mosman Local Government Area*

In addition to consolidating the findings of previous publications, the AHS undertook statistical analyses as a means of identifying smaller (archaeological sites) and general (cultural landscape) trends. The study determined that:

1. Highest frequencies of archaeological sites are around the foreshore; and
2. Lowest frequencies of archaeological sites occur on interconnecting ridgetops.

The study also found that the probability of the appearance of sites decreases as the elevation (or distance from water) increases (AMBS 2002:103). This outcome does not agree with Koettig's (1991:8) earlier assertion that 'it is not useful to use topographic or environmental variables as the basis for determining areas of higher or lower archaeological sensitivity'.

The absence of Aboriginal sites on ridgetops was interpreted as being a consequence of their being used as transit routes or for the exploitation of resources. The least sites were observed in association with interconnecting ridgetops, with the ends of ridgetops exhibiting the greatest potential because they 'provided the easiest access to water' (AMBS 2002:103).

The subject area is located almost at the apex of an interconnecting ridgetop which runs south to Bradley's Head, south-east to Georges Head and North-east to Middle Head. According to the AMBS predictive model, the location of the subject area therefore suggests that it has a low potential for Aboriginal archaeological sites.

2.2.4. Summary

The conclusions from the summary of the AHIMS results and previous reports are the following:

- No Aboriginal objects and/or places are registered on AHIMS within the subject area or within proximity.
- Disturbance resulting from European occupation reduces the potential for intact soil profiles to remain within urban sites. In shallow soils profiles, this is likely to lower archaeological potential.
- While intact natural soils may be present within urban environments, they may not necessarily contain Aboriginal archaeological objects as landscape factors play a decisive role in Aboriginal utilisation of the land prior to European occupation.
- While disturbance may impact the likelihood for Aboriginal archaeological materials to survive on the surface, *in situ* deposits may remain below imported fill.

- Within the regional context of the subject area, registered Aboriginal sites tend to be located within proximity of the coastline and in areas where sandstone outcrops occur. The reduced occurrence of sites within inland, developed areas is not therefore only a consequence of high disturbance levels.
- Dominant site types within the region include shelters, shell middens and rock engravings.
- The *Taronga Zoo AMP* identifies the subject area as containing the following two zones:
 - Zone 4: Medium – low potential. Areas heavily modified by European development.
 - Zone 5: Nil potential. Areas which have previously been excavated down to bedrock, or culturally sterile soil profiles.

2.3. GEOLOGY AND SOILS

The subject area is located within the Sydney Basin Bioregion. The underlying geology of the Mosman area consists of Triassic Hawkesbury Sandstone, which is exposed along the shoreline (Chapman & Murphy 1989). The Hawkesbury Sandstone is a medium to coarse-grained quartz sandstone with minor shale and laminite lenses.

The subject area is located within the Gympsea soil landscape (gy), which consists of undulating to rolling rises and low hills on Hawkesbury Sandstone. Soils consist of shallow to moderately deep (30-100 cm) Yellow Earths and Earthy Sands on crests and inside of benches, shallow (<20 cm) Siliceous Sands on leading edges of benches, localised Gleyed Podzolic Soils and Yellow Podzolic Soils on shale lenses and shallow to moderately deep (<100 cm) Siliceous Sands and Leached Sands along drainage lines (Figure 9).

The depth of natural soils is relevant to the potential for archaeological deposits to be present, especially in areas where disturbance is high. Most of the Mosman area is highly disturbed as a result of moderate density residential development during the 20th Century.

The subject area is characterised by the presence of intersecting sandstone ledges that sloped towards the harbour foreshore. The site has been subject to high levels of disturbance relating to its use as a zoo, which necessitated the creation of level building terraces by cutting and filling sections of the sandstone bedrock. The stratigraphy of the subject area is therefore comprised of alternating sections of shallow sandstone bedrock and fill.

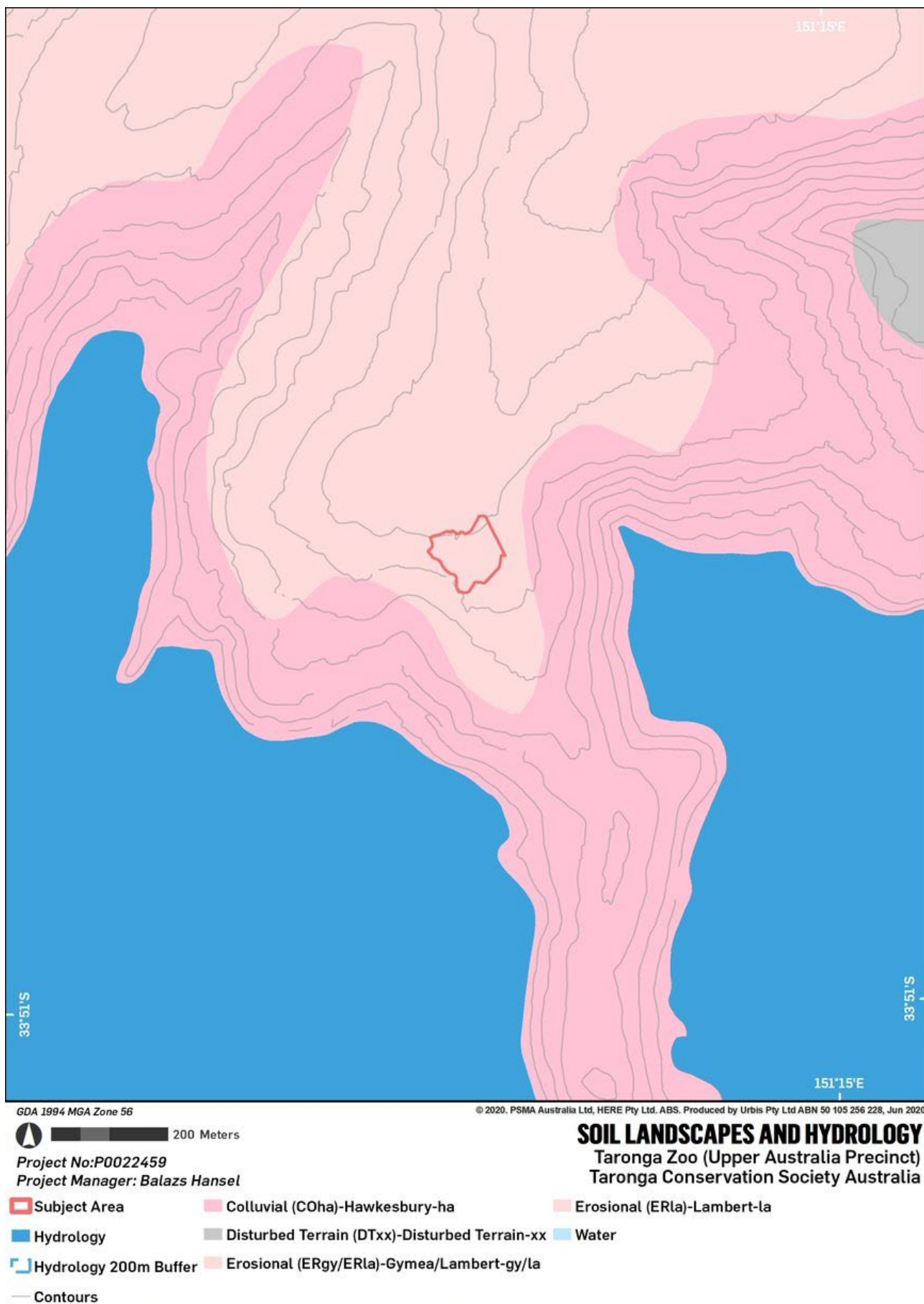


Figure 9 – Soils landscapes and hydrology

2.4. VEGETATION AND RESOURCES

The GyMEA soil landscape was originally characterised by dry sclerophyll woodland and open forest. Common species included red bloodwood *Eucalyptus gummifera*, yellow bloodwood *E. eximia*, scribbly gum *E. haemastoma*, brown stringybark *E. capitellata* and old man banksia *Banksia serrata*. On the more sheltered slopes, black ash *E. sieberi*, Sydney peppermint *E. piperita* and smooth-barked apple *Angophora costata* are common tree species. The dry sclerophyll understorey consisted of shrubs from the families Epacridaceae, Myrtaceae, Fabaceae and Proteaceae.

Whereas native forests have been extensively cleared to make way for residential development, Mosman retains a relatively large number of its native forests, particularly along its foreshores. This is the result of their original incorporation within military installations, which afforded them protection until they were transferred into the ownership of the State government in 1979 and became part of the Sydney Harbour National Park (AMBS 2005: 17).

2.5. HYDROLOGY

The subject area is located approximately 200m west of the nearest coastline at Taylors Bay and 75m above sea level (Figure 9). There are no waterways within proximity of the subject area.

2.6. LANDFORM

There are varying morphological types of Landform elements (see Figure 10 and Figure 11). The Australian Soil and Land Survey Field Handbook (CSIRO, 2009) identifies ten types. These types are as follows:

Table 5 – Landform definitions

Type	Definition
Crest (C)	Landform element that stands above all, or almost all, points in the adjacent terrain. It is characteristically smoothly convex upwards in downslope profile or in contour, or both. The margin of a crest element should be drawn at the limit of observed curvature.
Hillock (H)	Compound landform element comprising a narrow crest and short adjoining slopes, the crest length being less than the width of the landform element.
Ridge (R)	compound landform element comprising a narrow crest and short adjoining slopes, the crest length being greater than the width of the landform element.
Simple Slope (S)	Slope element adjacent below a crest or flat and adjacent above a flat or depression.
Upper Slope (U)	Slope element adjacent below a crest or flat but not adjacent above a flat or depression.
Mid Slope (M)	Slope element not adjacent below a crest or flat and not adjacent above a flat or depression.
Lower Slope (L)	Slope element not adjacent below a crest or flat but adjacent above a flat or depression.
Flat (F)	planar landform element that is neither a crest nor a depression and is level or very gently inclined (<3% tangent approximately).
Open Depression (vale) (V)	Landform element that stands below all, or almost all, points in the adjacent terrain. A closed depression stands below all such points; an open depression extends at the same elevation, or lower, beyond the locality where it is observed. Many depressions are concave upwards and their margins should be drawn at the limit of observed curvature.

Type	Definition
Closed Depression (D)	Landform element that stands below all, or almost all, points in the adjacent terrain. A closed depression stands below all such points; an open depression extends at the same elevation, or lower, beyond the locality where it is observed. Many depressions are concave upwards, and their margins should be drawn at the limit of observed curvature.

Mosman is located on a sandstone ridge which forms a peninsula between Port Jackson and Middle Harbour. The ridge rises to 80 m above sea level.

The subject area is located within an area of maximal upper slope (as depicted in Figure 11) adjacent to the crest of the ridgeline which runs north-east along Military Road. The slope descends gradually toward the peninsular which forms Bradleys Head to the south.

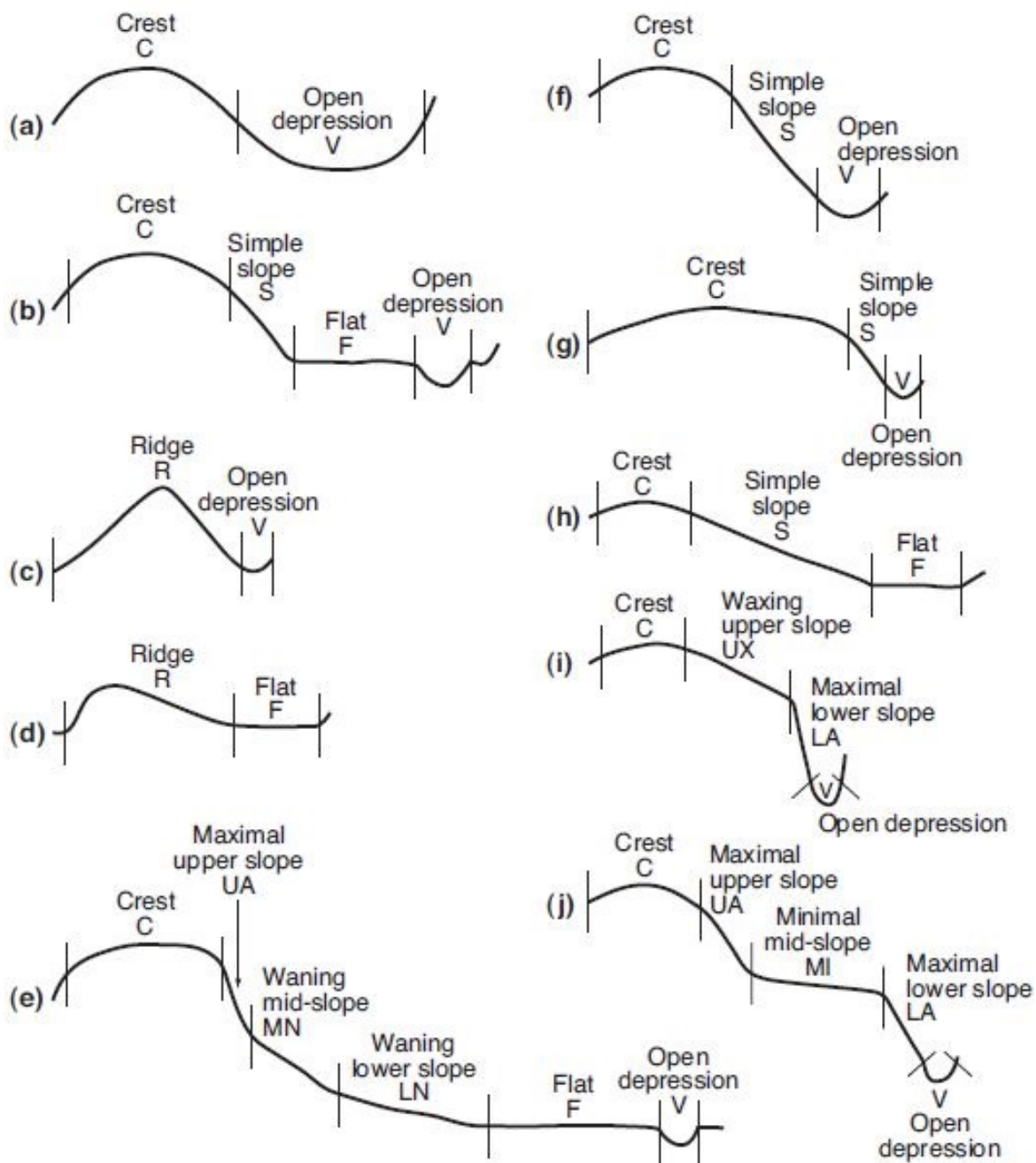


Figure 10 – Landform type

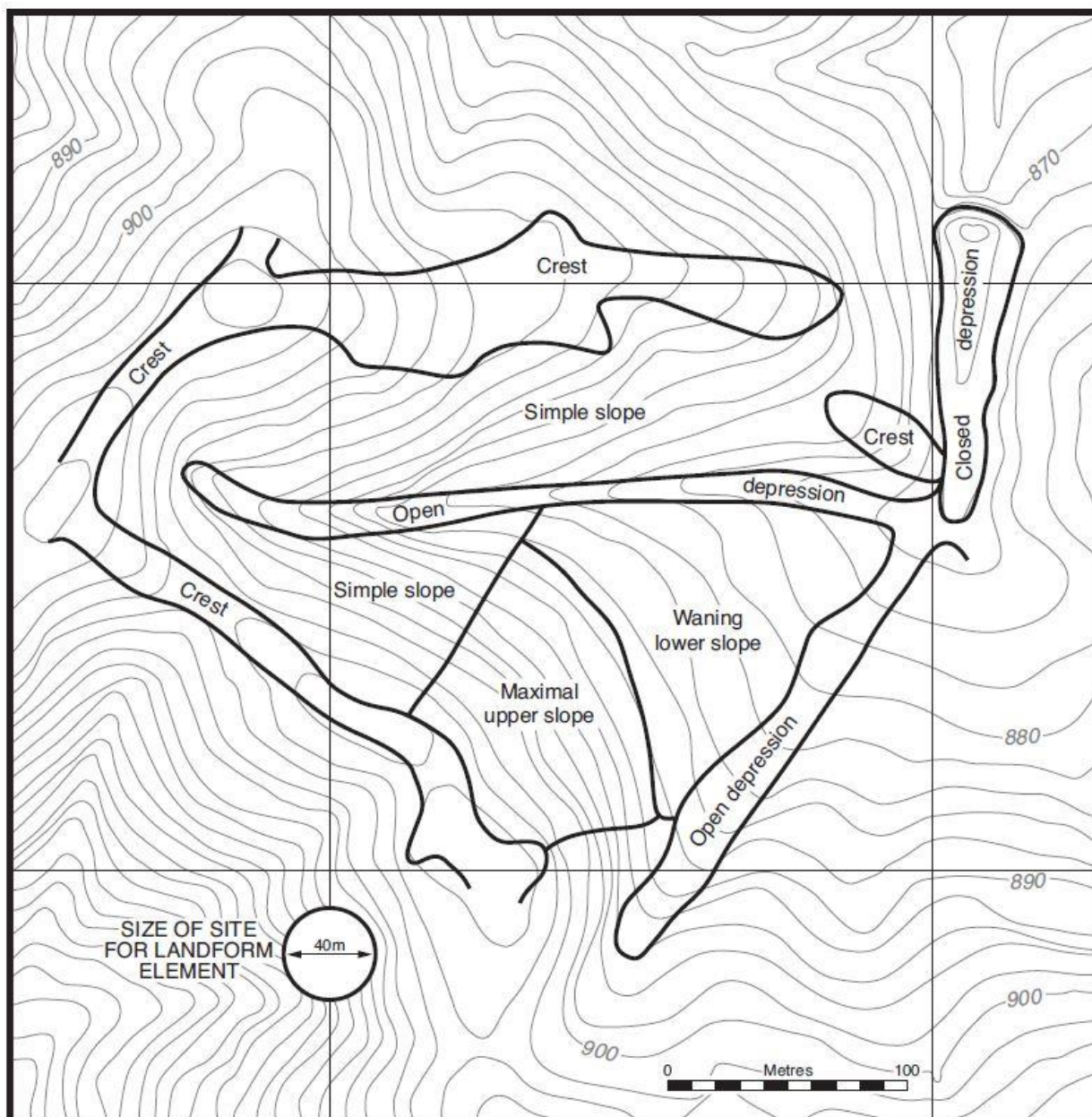


Figure 11 – Landform pattern

2.7. PAST ABORIGINAL LAND USE

The land upon which Taronga Zoo sits is within the traditional lands of the Kammeraalgal (Cammaraigal, Gamaraigal) people, of the Guringai language group. The name ‘Taronga’ is reported to be the local Aboriginal word for ‘sea view’ (Watsford, 1920). The Cammaraigal people were custodians of the land and waterways of Mosman and North Sydney, including Cammeray, Balls Head (*yerroulbine*), Balmoral, Kirribilli and Cremorne (*wulwarrajeung*). The Cammaraigal people formed part of the Eora tribe. Radiometric dating provides dates of at least 5,800 years ago for sites with the North Sydney (*Cammera*) area (Hoskins, 2019). Early settler accounts of the Cammaraigal describe them thus:

Those who live on the north shore of Port Jackson are called Cam-mer-raygal, that part of the harbour being distinguished from others by the name of Cam-mer-ray. Of this last family or tribe we have heard Bennillong and other natives speak (before we knew them ourselves) as of a very powerful people, who could oblige them to attend wherever and whenever they directed. We afterwards found them to be by far the most numerous tribe of any within our knowledge. It so happened, that they were also the most robust and muscular” (Collins, 1798).

Primarily a water-based people, the Cammaraigal lived along the coast and rivers, fishing and hunting in the waters and hinterland areas (AHO, 2006). They subsisted primarily on aquatic resources and the high of middens located around this area attests to the importance of shellfish in the diets of Cammaraigal people. This would have been supplemented by a variety of seeds, fruits, nuts, rhizome and tubers. The sandstone topography of the area was equally as important – with overhangs and cliffs providing shelters to camp within. Other floral species would have been utilised for medicinal purposes and for the creation of shelters where sandstone overhangs were not present (Currie, 2008).

Archaeologically, over 1,000 sites across the lands of the Cammaraigal people attest to the extent of occupation and habitation in this area (Hoskins, 1920). Within Taronga Zoo, a number of Aboriginal sites are known to occur, attesting to the use of the area by the Cammaraigal people. The most common identified site type in the area are shelters with middens, reflective of the coastal environment and subsistence on aquatic life, as well as the importance of sandstone. The sandstone topography of the northern Sydney area did not only provide shelter, but also a place to share stories and ceremonies through art. A Rock Engraving of a whale/fish with a human figure inside identified near Balls Head (*yerroulbine*) upon a sandstone platform was described in the 1990s by a Bundjalung man:

This is a place of learning, a place of ceremonies, a place where the whales were sung in to shore. Whales beaching themselves in the Harbour were a great source of food. The man in the whale is a clever fella. It looks like he’s got a club foot, but that represents the feathers he wore on his feet so he did not make footprints... having no neck he was also the Creator” (Gerry Bostock, 1990, in Hoskins, 1920)

The Cammaraigal People interacted widely with neighbouring tribes. Intermarriage between the Cadigal people of Sydney Harbour and the Cammaraigal people to the north were common and allowed Cammaraigal women to roam between the two territories even following European settlement. Barangaroo was one such notable Cammaraigal woman who, prior to European settlement of the north side of the harbour, frequented Sydney Cove and interacted with the Europeans there (Hoskins, 1920). Marriage was not the only unifying ritual for Aboriginal groups around the harbour – they also came together peacefully for feasting on beached whales and tooth evulsion ceremonies, an initiation ceremony for young boys involving the removal of a front tooth (Currie, 2008).

The impacts of colonisation were devastating for all Aboriginal people, but particularly for those groups living around the coast. With colonisation, Aboriginal people were forced away from their lands and the resources they relied upon. Settlement around the coast drove faunal resources further inland, reducing the traditional hunting grounds of local Aboriginal groups (Evidence, 1835). Further to this, diseases including smallpox and conflicts between local Aboriginals and colonisers decimated their population. Some estimations identify that only 10% of the Cammaraigal population survived smallpox pandemics in the first 10 years following European settlement (University of Sydney, 2019). Some sources identify that the last surviving Cammaraigal man was named Tarpot and lived in a cave near the barn at the head of Mosman Bay and survived to at least 1888 (Currie, 2008).

The Taronga Conservation Society Australia has made a concerted effort over the past many decades to acknowledge and pay respect to the traditional Aboriginal owners of the land on which they operate. The Taronga Zoo website includes a description of the Aboriginal history of the site and provides in depth information regarding Cammaraigal people (Taronga Conservation Society Australia, 2020). As they

acknowledge. “Cammeriagal were governed by and belonged to the land and all that it held, above and beneath the sandstone. Cammeriagal people have lived in this area for thousands of years and continue to live nearby” (TCSA, 2020).

Early European Development (1788-1911)

Taronga Zoo is located within the County of Cumberland, Parish of Willoughby. In 1837 a stone house known as ‘Athol’ was erected to the south of the subject area. This was later developed as a leisure destination with a hotel and pleasure garden. A Parish Map dating to c.1850s show that the subject area had by this time been incorporated within a land parcel granted in four allotments to Charles Jenkins and J. Holt (see Figure 12). There is no evidence of structures being erected within the subject area in association with this period.

In 1879, a quarantine station for imported stock occupied a portion of the land to the south. By 1891 two stations were operational within the vicinity of the subject area; one near ‘Athol’ and another on the corner of Whiting Beach and Bradley’s Head Road. A freight tramline was established from Athol Wharf to the stations, which was utilised during zoo construction (GML, 2001).

In the 1890s, large portions of the land surrounding Sydney Harbour were resumed for Military Purposes (Figure 13), including Bradley’s Head and the animal quarantine facilities which operated upon it. There is no evidence which suggests that any structures were established within the subject area in association with this period. Following federation in 1901, the Military Reserves were given to the Commonwealth. In 1908, Ashton Park, comprising 142 acres of public park land, was gazetted (Figure 14).



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Figure 12 – historic parish map of Willoughby, c. 1850s. Subject area indicated in red outline.
Source: HLRV

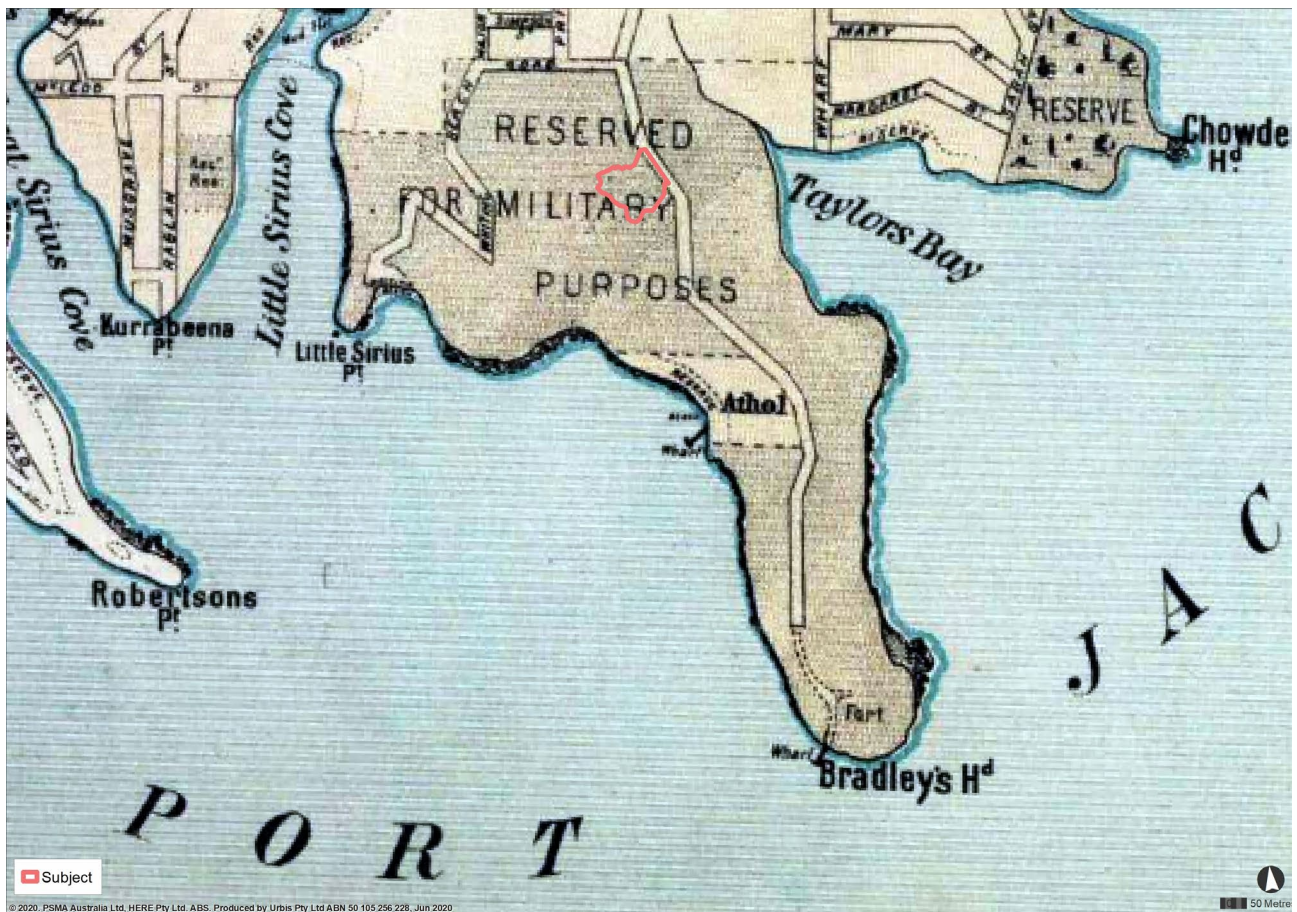


Figure 13 – 1893-94 Parish Map indicating resumption of land for military purposes

Establishment of Taronga Zoo and La Souef's Directorship (1912–1940)

In April 1912 17 hectares of Crown Land within the north-western component of Ashton Park was rededicated as a zoological garden (Figure 14). Ground was broken on the site in October 1912 and continued until 1916. Prior to this much of the zoo lands was covered in natural Australian bushland. The Zoo officially opened on Saturday October 7th 1916 (The Sun, 1916).

Figure 15 demonstrates the Zoo in its original plan in 1916, with approximately 23 animal exhibits. The subject area contained a concreted and stark enclosure named the Baboon Pit, which had been deeply excavated with mounding in the centre for the Baboons to climb. A Monkey House was located to the south and Orangutan and Monkey house to the west. Excavation had also been undertaken within the northern section of the subject area for the purpose of establishing the Waterfowl Ponds. A path network had also been established which allowed access to these facilities.

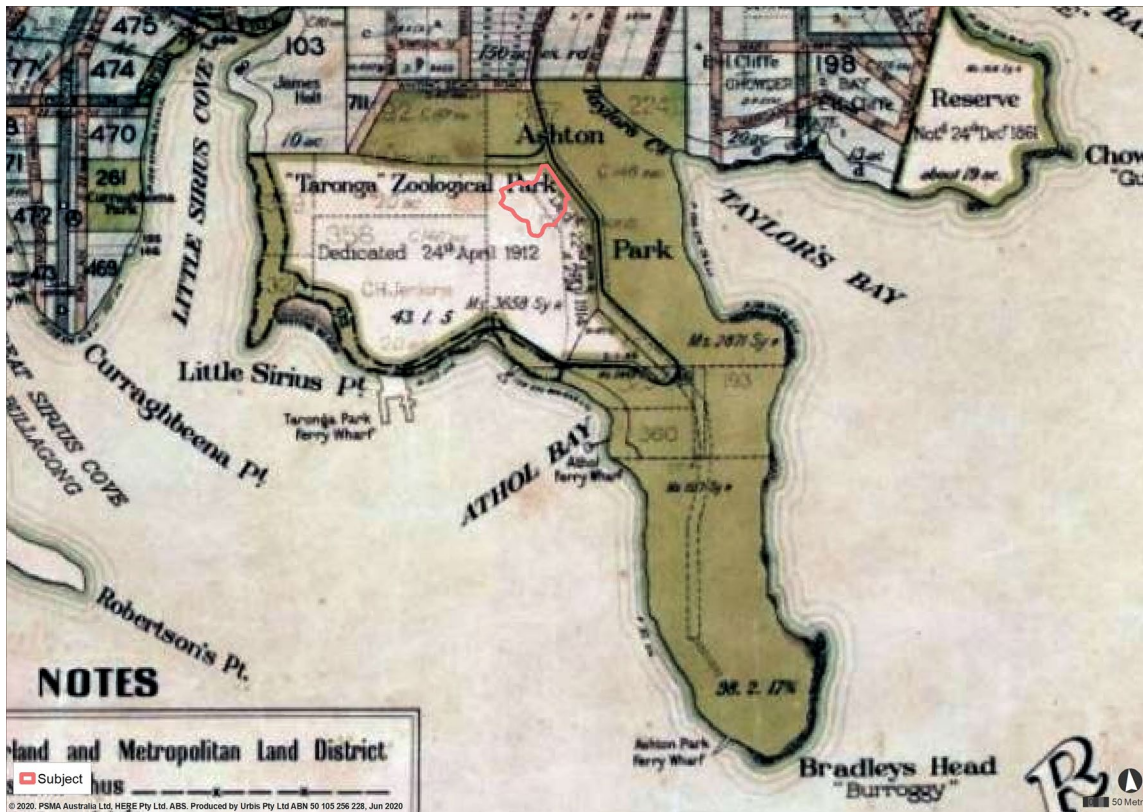


Figure 14 – 1917 Parish Map showing Crown Land, previously part of Ashton Park, which had been rededicated as a zoological park

Source: Taronga Zoo Archives



Figure 15 -1916 plan of Taronga Zoological Park, subject area indicated in red outline. Structures within the subject area as follows: 2 (north) – Baboon Pit; 2 (south) – Monkey Pit; 2 (west) – Orangutan and Monkey House; 15 – Waterfowl Ponds;

Source: Taronga Zoo Archives.

Hallstrom's Directorship (1941–1967)

Following the departure of Le Souef in 1939, Taronga Zoo underwent a number of changes under the new director Sir Edward Hallstrom. Rather than the focus on barless exhibits with moats, the moats began to be filled in and chain and wire fences installed to allow visitors to get closer to the animals. Animal enclosures had concrete floors and walls installed (GML, 2006). Enclosures for swans, pelicans and tortoises had been established to the north and west of the Baboon Pit by this time and a Bandstand had been erected to the east. Some additional paths had also been established within the northern component of the subject area (Figure 16).

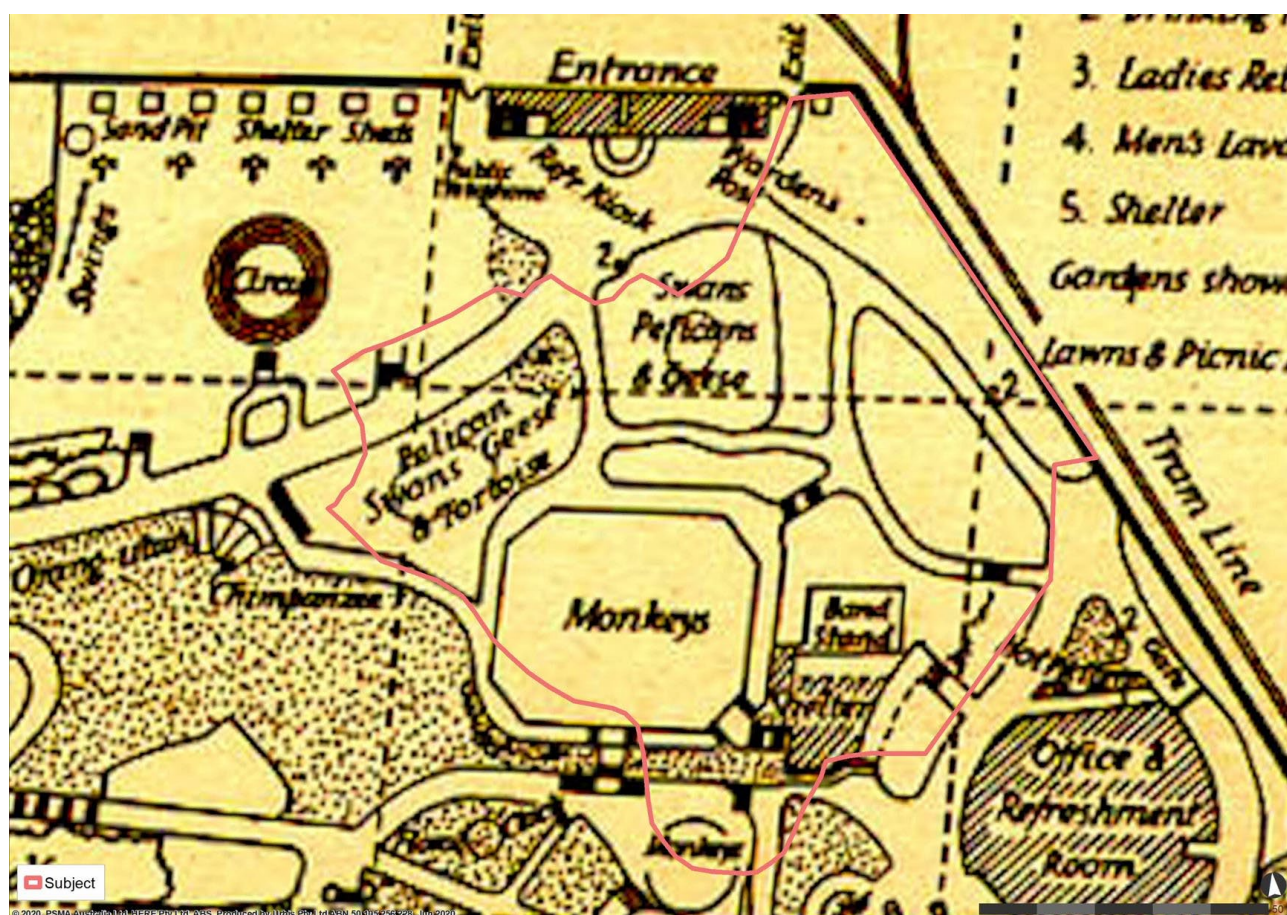


Figure 16 – 1940 Guidebook indicating changes to paths and configuration of enclosures as well as the erection of the Bandstand building to the east of the Baboon Pit

Source: Taronga Zoo Archives

Strahan's Directorship (1967–1986)

Under Strahan's direction, the first exhibits to be upgraded were those in the Australian collection. The Nocturnal House, Platypus House, Koala Exhibit, Wetland Ponds and Rainforest Aviary were established within the subject area at this time.

Nocturnal House and Platypus House

One of the first facilities to be upgraded under Strahan's masterplan was the Platypus facilities, resulting in the construction of the Platypus house. A 1967 demolition plan (Figure 17) indicates the demolition of the Anteaters and Bandstand buildings to the east of the Baboon Pit to make way for the construction of Platypus House. The lower section of a staircase to the south of the Baboon Pit was also removed at this time.

Another significant development at this time was the partial removal of the Baboon Pit and its replacement with Nocturnal House. A 1969 demolition plan (Figure 18) shows the extent of demolition. The southern, western and eastern concrete perimeter walls were demolished, as well as the southern component of the floor and understructure. An entrance tunnel and concrete shed were also demolished within the south-eastern section of the Baboon Pit. A 1970 site plan (Figure 19) indicates where the Nocturnal House was constructed in the former location of the Baboon Pit. This structure incorporated a northern section of the floor and understructure of the former Baboon Pit as well as the concrete northern perimeter wall. The floor of the Nocturnal House thus follows the floor level of the former Baboon Pit.

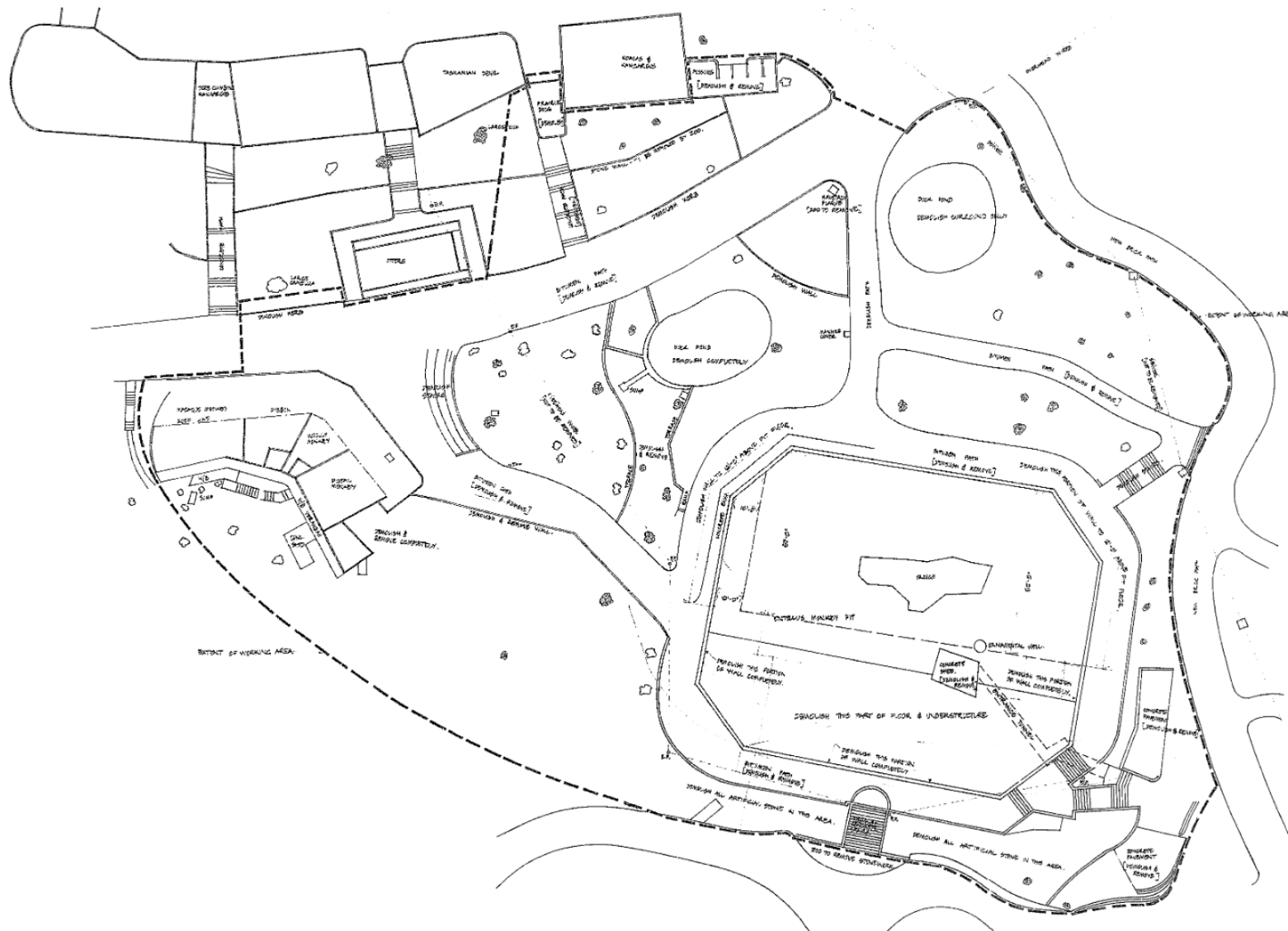


Figure 18 -1969 Demolition Plan indicating location of Duck Ponds and extent of demolition within Baboon Pit

Source: Taronga Zoo Archives

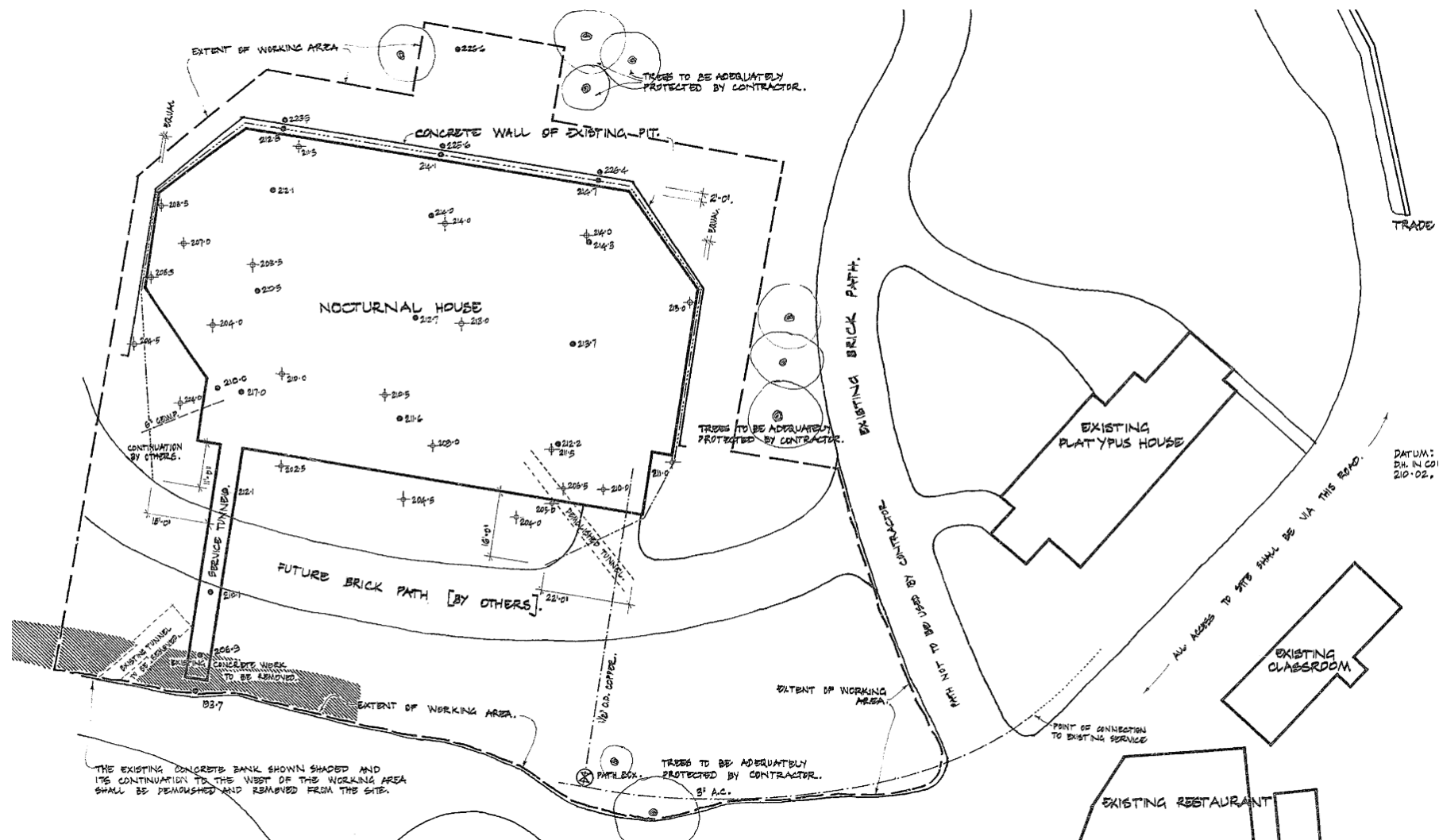


Figure 19 – 1970 site plan indicating Nocturnal House in the location of the former Baboon Pit and Platypus House in the location former location of the former Bandstand and Anteaters buildings

Source: Taronga Zoo Archives.

Waterfowl / Wetlands Ponds

The Wetlands Ponds, originally known as Waterfowl Ponds, was the second area to be upgraded following under Ronald Strahan's upgrade initiatives across the zoo and was completed by 1972. The design was that of a series of connected pools and construction was underway by 1969 (Martyn, B. 1969). Prior to this, a waterfowl exhibit had existed in the area, however this was simply circular ponds (see Figure 15, Figure 21 and Figure 22).

The Waterfowl Ponds utilised part of the naturally occurring topography of Taronga, incorporating a projecting sandstone shelf. Other sections of the wetlands were artificially created, using granite blocks from Scotland. A wooden causeway was constructed which ran through the Wetlands Ponds (Strahan, 1991).

Figure 18 indicates the partial demolition of the northern Duck Pond, which was later incorporated within a 'boggy area' (Figure 20). The Duck Pond within the western section of the precinct (Figure 18) was removed completely and a larger pond excavated in this location. The outline of the western pond can still be made out in the 1969 concept plan (Figure 20). The footprint of the Waterfowl Ponds had thus significantly increased by this time, necessitating significant earthworks and disturbance within the north-western component of the subject area.

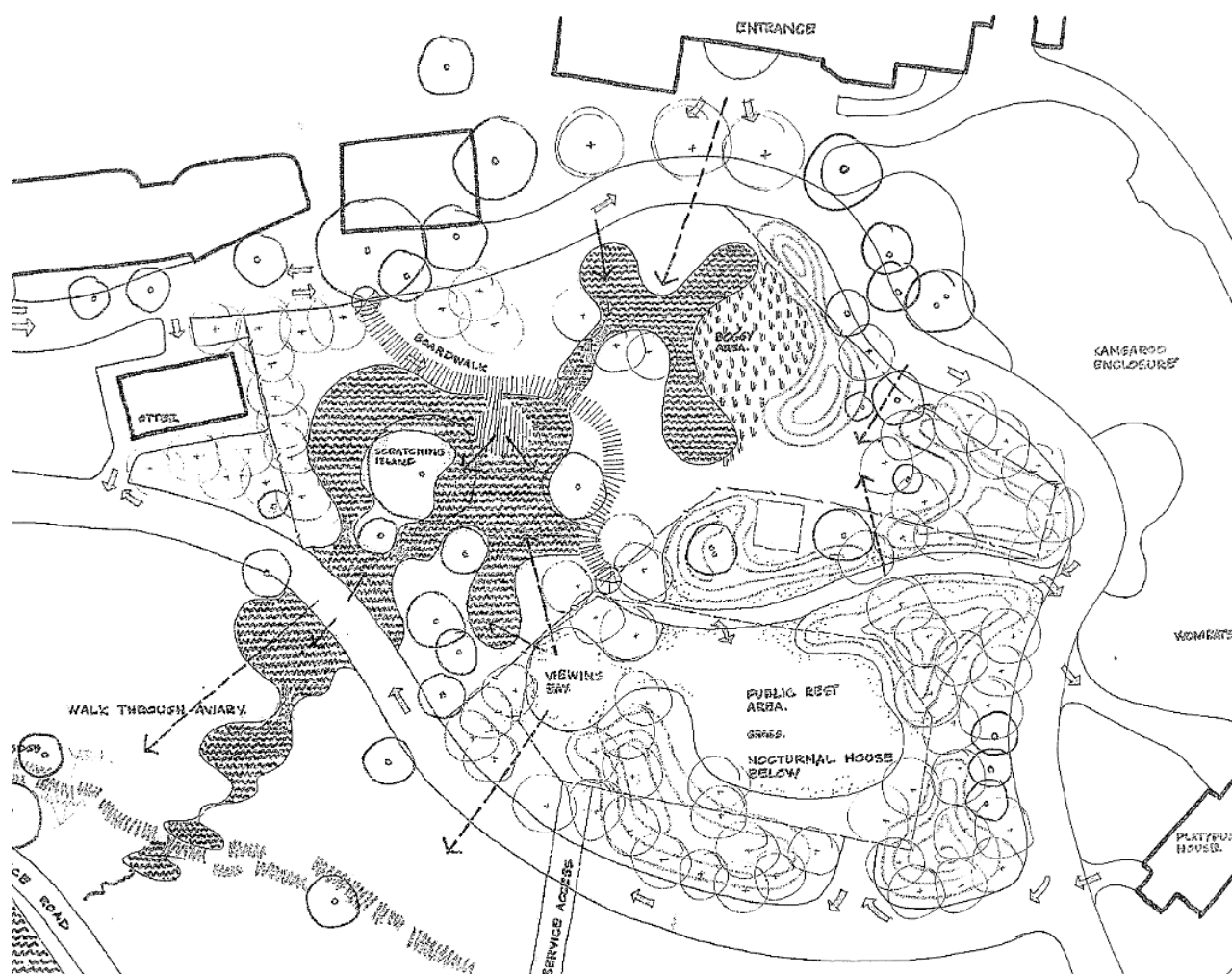


Figure 20 -1969 Waterfowl Enclosure concept plan indicating replacement of the northern and western Duck Ponds within expansive wetland exhibits

Source: Taronga Zoo Archives



Figure 21 – waterfowl exhibit prior to redevelopment, a series of circular ponds.

Source: Taronga Zoo Archives



Figure 22 – waterfowl exhibit prior to redevelopment, a series of circular ponds.

Source: Taronga Zoo Archives



Figure 23 – bridge over the wetlands ponds section.

Source: Taronga Zoo Archives



Figure 24 – waterfowl section, 1970s.

Source: Taronga Zoo Archives

Kelly's Directorship to Present (1987-Present)

Under Dr John Kelly's directorship the Zoo underwent a significant capital works program. Although the Platypus House was upgraded and extended at this time, the majority of new structures which were erected were confined to parts of the Zoo outside of the subject area. Figure 25 provides the current layout of the structures within the subject area.

The majority of original paths were removed from the subject area during this period.



Figure 25 - 2016 Guidebook indicating extent of Wetland Ponds and addition of koala, wombat and echidna enclosures within the eastern component of the site

Source: Taronga Zoo Archives

2.8. HISTORIC AERIAL ANALYSIS

The development of facilities within the subject area has caused substantial levels of ground disturbance. This is demonstrated through the analysis of historic aerials. Historic aerial images from 1930, 1961, 1990 and 2020 were analysed to develop an understanding of disturbance (see Figure 26). A summary of this analysis is included in Table 6.

Table 6 – Analysis of historical aerials

Year	Observation
1930	Taronga zoo was established between 1912-1916. Prior to the establishment of the zoo, the subject area consisted of native bushland, such as that which can be observed to the east of Bradleys Head Road. By 1930 the subject area appears to have already undergone significant disturbance and clearance of vegetation. The network of paths reflects those observed in a 1916 map of the zoo (Figure 15). The Baboon Pit, which is described as a 'concrete and stark enclosure which had been deeply excavated with mounding in the centre for baboons to climb' is clearly visible at the centre of the subject area. The Anteater building is located to the east of the Baboon Pit. The path encircling the Monkey House to the south of the Baboon Pit is visible, however, the structure is not visible.
1961	The subject area does not appear to have undergone many significant changes between 1930-1961. The Bandstand and Anteater buildings had been constructed to the east of the Baboon Pit. The Monkey House structure is visible to the south of the Baboon Pit.
1990	The subject area appears more densely vegetated. The stark open concrete Baboon Pit had been partially removed and replaced with the Nocturnal House by this time. The Bandstand and Anteater buildings to the east of the Baboon Pit had been demolished and the Platypus House can be seen to the south-east of these. The extensive Waterfowl Ponds within the western component of the subject area are obstructed by vegetation. The reduced visibility of structures reflects Strahan's period of management (1967-1974) during which new exhibits were landscaped and moated, rather than fenced, and the erection of imposing structures avoided.
2020	There are no clear changes to the subject area in the years between 1990-2020.

In summary, the subject area has been subject to high to extreme level of disturbance as a result of development associated with the establishment and later adaptations of the zoo. An initial phase of disturbance took place in the early 20th century, with the erection of numerous structures, excavation for the baboon pit and associated landscaping works. In the late 20th century, the structures on the site were demolished and significant earthworks undertaken for the new exhibits, which included moats and wetlands.

It is considered likely that these high levels of disturbance will have impacted the archaeological potential of the subject area. The Taronga Zoo Archaeological Management Plan (AMP) identifies the subject area as being heavily modified by European development. The presence of the Blacktown Soil Landscape and the shallow nature of the natural soil profile, it is considered unlikely that intact natural soil deposits will occur.

The archaeological potential of the subject area is therefore determined to be low.

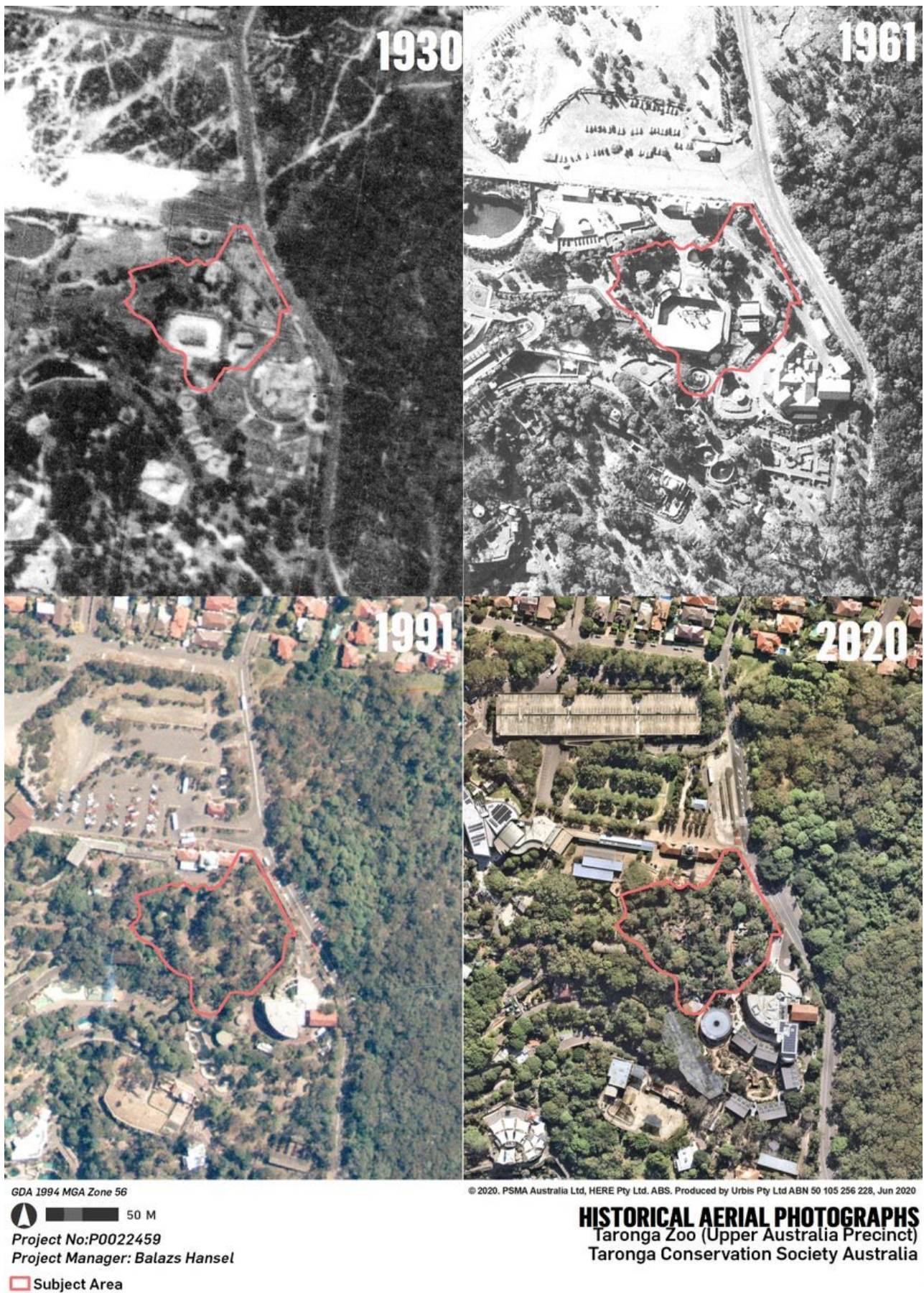


Figure 26 – Historic Aerials

2.9. PREDICTIVE MODEL

The following archaeological predictive model for the subject area have been formulated on the basis of previous assessments, regional models, the AHIMS data provided in Section 2.2.1 and the existing environment and level of disturbance.

There are several site types which are known to occur within the wider area. These site types and their likelihood to occur within the subject area are evaluated in Table 7 below.

Table 7 – Predictive Model

Site type	Description	Potential	Justification
Artefact Scatters/ Camp Sites	Artefact scatters/camp sites represent past Aboriginal occupation and possible stone knapping activities and include archaeological remains such as stone artefacts and potentially hearths. This site type usually appears as surface accumulation of stone artefacts in areas where vegetation is limited, and ground surface visibility increases. Such scatters of artefacts are also often exposed by erosion, agricultural events such as ploughing, and the creation of informal, unsealed vehicle access tracks and walking paths. These types of sites are often located on dry, relatively flat and elevated land along or adjacent to rivers and creeks.	Low	<ul style="list-style-type: none"> ▪ Significant disturbance associated with establishment of zoo have likely removed all original soil profile. ▪ Some intact soil profiles may still present beneath superficial fill
Isolated Finds	<p>Isolated finds represent artefactual material in singular, one off occurrences. Isolated finds are generally indicative of stone tool production, although can also include contact sites.</p> <p>Isolated finds may represent a single item discard event or be the result of limited stone knapping activity. The presence of such isolated artefacts may indicate the presence of a more extensive, in situ buried archaeological deposit, or a larger deposit obscured by low ground visibility. Isolated artefacts are likely to be located on landforms associated with past Aboriginal activities, such as ridgelines that would have provided ease of movement through the area, and level areas with access to water, particularly creeks and rivers.</p>	Low	<ul style="list-style-type: none"> ▪ Significant disturbance associated with establishment of zoo have likely removed all original soil profile. ▪ Some intact soil profiles may still present beneath superficial fill
PAD	Potential Archaeological Deposits (or PADs) are areas where there is no surface expression of stone artefacts, but due to a landscape feature there is a strong likelihood that the area will contain buried deposits of stone artefacts. Landscape features which may feature in PADs include proximity to waterways, particularly terraces and flats near 3rd order streams and above; ridge lines, ridge tops and sand dune systems.	Very Low	<ul style="list-style-type: none"> ▪ Significant disturbance associated with establishment of zoo have likely removed all original soil profile. ▪ Some intact soil profiles may still present beneath superficial fill
Scarred Trees	Scarred trees are the results of the stripping-off the bark by Aboriginal people for various reasons, including the construction of shelters (huts), canoes, paddles, shields, baskets and bowls, fishing lines, cloaks, torches and bedding, as well as being beaten into fibre for string bags or ornaments (sources cited in Attenbrow 2002:	Nil	<ul style="list-style-type: none"> ▪ No registered AHIMS sites of this type within the search area ▪ Significant disturbance and vegetation clearance

Site type	Description	Potential	Justification
	113). The removal of bark exposes the heart wood of the tree, resulting in a scar that can heal by the regrowth of the bark or remain an exposed scar for a prolonged period. Such scars, when they occur, are typically described as scarred trees. These sites most often occur in areas with mature, remnant native vegetation. The locations of scarred trees often reflect an absence of historical clearance of vegetation rather than the actual pattern of scarred trees. Carved trees are different from scarred trees, and the carved designs may indicate totemic affiliation (Attenbrow 2002: 204); they may also have been carved for ceremonial purposes or as grave markers.		associated with establishment of zoo.
Axe Grinding Grooves	Grinding grooves are the physical evidence of tool making or food processing activities undertaken by Aboriginal people. The manual rubbing of stones against other stones creates grooves in the rock; these are usually found on flat areas of abrasive rock such as sandstone. They may be associated with creek beds, or water sources such as rock pools in creek beds and on platforms, as water enables wet grinding to occur.	Low	<ul style="list-style-type: none"> ▪ Significant disturbance associated with establishment of zoo. ▪ Buried exposures of sandstone might still have potential for grinding grooves.
Bora/Ceremonial	Aboriginal ceremonial sites are locations that have spiritual or ceremonial values to Aboriginal people. Aboriginal ceremonial sites may comprise natural landforms and, in some cases, will also have archaeological material. Bora grounds are a ceremonial site type, usually consisting of a cleared area around one or more raised earth circles, and often comprised of two circles of different sizes, connected by a pathway, and accompanied by ground drawings or mouldings of people, animals or deities, and geometrically carved designs on the surrounding trees.	Nil	<ul style="list-style-type: none"> ▪ No registered AHIMS sites of this type within the search area ▪ Significant disturbance associated with establishment of zoo.
Burial	Aboriginal burial of the dead often took place relatively close to camp site locations. This is due to the fact that most people tended to die in or close to camp (unless killed in warfare or hunting accidents), and it is difficult to move a body long distances. Soft, sandy soils on, or close to, rivers and creeks allowed for easier movement of earth for burial; and burials may also occur within rock shelters or middens. Aboriginal burial sites may be marked by stone cairns, carved trees or a natural landmark. Burial sites may also be identified through historic records or oral histories.	Nil	<ul style="list-style-type: none"> ▪ Significant disturbance associated with establishment of zoo ▪ Subject area does not occur within landscape features which are predictive of burials.

Site type	Description	Potential	Justification
Contact site	These types of sites are most likely to occur in locations of Aboriginal and settler interaction, such as on the edge of pastoral properties or towns. Artefacts located at such sites may involve the use of introduced materials such as glass or ceramics by Aboriginal people or be sites of Aboriginal occupation in the historical period.	Very Low	<ul style="list-style-type: none"> ▪ Significant disturbance associated with establishment of zoo.
Midden	Midden sites are indicative of Aboriginal habitation, subsistence and resource extraction. Midden sites are expressed through the occurrence of shell deposits of edible shell species often associated with dark, ashy soil and charcoal. Middens often occur in shelters, or in eroded or collapsed sand dunes. Middens occur along the coast or in proximity to waterways, where edible resources were extracted. Midden may represent a single meal or an accumulation over a long period of time involving many different activities. They are also often associated with other artefact types.	Low	<ul style="list-style-type: none"> ▪ Significant disturbance associated with establishment of zoo ▪ Most abundant site type within vicinity of subject area, although most are located within proximity of the shoreline
Art	Art sites can occur in the form of rock engravings or pigment on sandstone outcrops or within shelters (discussed below). An engraving is some form of image which has been pecked or carved into a rock surface. Engravings typically vary in size and nature, with small abstract geometric forms as well as anthropomorphic figures and animals also depicted (DECCW, 2010c). In the Sydney region engravings tend to be located on the tops of Hawkesbury Sandstone ridges where vistas occur. Pigment art is the result of the application of material to a stone to leave a distinct impression. Pigment types include ochre, charcoal and pipeclay. Pigment art within the Sydney region is usually located in areas associated with habitation and sustenance.	Very Low	<ul style="list-style-type: none"> ▪ No registered AHIMS sites of this type within the search area ▪ Significant disturbance associated with establishment of zoo. ▪ Shelters or overhangs with painted art and/or rock engravings on sandstone surfaces might still exist buried under imported fill.
Shelters	Shelter sites are places of Aboriginal habitation. They take the form of rock overhangs which provided shelter and safety to Aboriginal people. Suitable overhangs must be large and wide enough to have accommodated people with low flooding risk. Due to the nature of these sites, with generic rock overhangs common particularly in areas with an abundance of sandstone, their use by Aboriginal people is generally confirmed through the correlation of other site types including middens, art, PAD and/or artefactual deposits.	Very Low	<ul style="list-style-type: none"> ▪ Shelters or overhangs might still exist buried under imported fill.

Intensive historical land use resulted in high, in some areas extreme level of disturbance. It is highly likely that original soil has been almost entirely removed from the subject area and has been replaced by imported fill and landscaping elements, creating an artificial environment for the various structures of the Zoo. The survival of archaeological resources is highly unlikely and only low potential exists for the following archaeological site types:

- Low potential for isolated stone artefacts or artefact scatter, most likely in highly disturbed context.
- Low potential for middens in disturbed and impacted context.
- Low potential for grinding grooves and/or rock engravings in context with sandstone outcrops and platforms buried under imported fill and landscape elements.

2.10. SITE INSPECTION

Site inspection was carried out with the participation of a number of individuals from the Registered Aboriginal Parties (RAPs). All RAPs were invited to nominate one site officer for the site inspection but only four RAPs decided to participate. The list of participants is provided in Table 8 below.

Table 8 Details of participants of site inspection.

Organisation / Individual	Contact Person
A1 Indigenous Services	Brayden McDougall
Dennis Foley	Dennis Foley
DNC	Frank Smith
Urbis	Balazs Hansel
Taronga Conservation Society Australia	Kristine Marshall
Taronga Conservation Society Australia	Lucinda Cveticanin
Wailwan Aboriginal Group	Phil Boney

The site inspection included a walkover of the subject area along the existing footpaths of the Zoo with the registered Aboriginal site officers and discussion on the proposed development and the proposed works for the Upper Australia Precinct will impact the existing environment.

The subject area located on highly modified, artificial landscape that includes the Waterland Ponds, Nocturnal House, Australian Wildlife Experience, Koala Encounters and associated infrastructure (Figure 27, Figure 28, Figure 29). The entire subject area is covered by built form and there is no visibility of the original environment and natural soil profiles. Based on the above, and also that some parts of the subject area had limited access, it was not possible to undertake a proper archaeological survey utilising standard archaeological methods. Consequently, the site inspection was restricted to confirm the following:

- The Ground Surface Visibility (GSV) is zero within the subject area. Due to this and the fact that some areas were not accessible, the survey coverage calculation in accordance to the Code of Practice was not possible.
- The subject area has a high level of disturbance caused by the modification of the original environment by the constant development of the Zoo from the early twentieth century. Discussion was based on the historical land use provided in the ACHAR and how previous archaeological excavations confirmed the high impact and the absence of Aboriginal objects within most part of the Zoo.
- Most of the existing structures such as the ponds, Nocturnal House and associated infrastructure are highly intrusive, major impacts on the original environment and could have entirely removed the original soil profile and sandstone outcrops from the subject area.

- The only potential original landscape feature is the rock shelf behind the Wetland Ponds (Figure 30).
- There is only low potential left for certain Aboriginal sites that might have survived under the existing artificial landscape.
- Balazs Hansel explained that due to the lack of opportunity to properly survey the subject area the recommendations will include monitoring of the proposed works to ensure that any Aboriginal objects that might be present under the artificial landscape would be located and treated according to the legislative requirements.



Figure 27 Photo of the Wetland Ponds from south. Note the built-up structures and the artificial landscape.

Source: Urbis, 2020



Figure 28 Photo of the entrance of the Nocturnal House (under construction) and surrounds, facing NE.

Source Urbis, 2020:



Figure 29 Photo of the Australian Wildlife Experience section facing E. Note the artificial landscape created by using sandstone blocks.

Source: Urbis, 2020



Figure 30 Photo of the rock platform north of the Wetland Ponds that is potentially the only original landscape feature within the subject area. Note that it will not be impacted by the proposed works.

Source: Urbis, 2020

The site inspection confirmed all previous findings of the ACHAR and the Aboriginal Registered Parties attending the site inspection were satisfied with the proposed recommendations of the ACHAR.

3. CONSULTATION PROCESS

In administering its statutory functions under Part 6 of the *NSW National Parks and Wildlife Act 1974*, the Department of Planning, Industry and Environment (DPIE) requires that Proponent consult with Aboriginal people about the Aboriginal cultural heritage values (cultural significance) of Aboriginal objects and/or places within any given development area in accordance with Clause 80c of the *NSW National Parks and Wildlife Regulation, 2009*.

The DPIE maintains that the objective of consultation with Aboriginal communities about the cultural heritage values of Aboriginal objects and places is to ensure that Aboriginal people have the opportunity to improve ACHA outcomes by (DECCW 2010a):

- providing relevant information about the cultural significance and values of Aboriginal objects and/or places.
- influencing the design of the method to assess cultural and scientific significance of Aboriginal objects and/or places.
- actively contributing to the development of cultural heritage management options and recommendations for any Aboriginal objects and/or places within the proposed subject area.
- commenting on draft assessment reports before they are submitted by the Proponent to the DPIE.

Consultation in line with the Consultation Requirements (DECCW 2010) is a formal requirement where a Proponent is aware that their development activity has the potential to harm Aboriginal objects or places. The DPIE also recommends that these requirements be used when the certainty of harm is not yet established but a Proponent has, through some formal development mechanism, been required to undertake a cultural heritage assessment to establish the potential harm their proposal may have on Aboriginal objects and places.

Consultation for this assessment, has been undertaken in accordance with the Consultation Requirements as these meet the fundamental tenants of the 2004 consultation requirements (NSW Department of Environment and Conservation [DEC] 2004), while meeting current industry standards for community consultation.

The Consultation Requirements outline a four-stage consultation process that includes the following:

- Stage 1 – Notification of project proposal and registration of interest.
- Stage 2 - Presentation of information about the proposed project.
- Stage 3 - Gathering information about the cultural significance.
- Stage 4 – Review of draft cultural heritage assessment report.

The document also outlines the roles and responsibilities of the DPIE, Registered Aboriginal Parties (RAPs) including Local and State Aboriginal Land Councils, and Proponents throughout the consultation process.

To meet the requirements of consultation it is expected that Proponents will:

- Bring the RAPs, or their nominated representatives, together and be responsible for ensuring appropriate administration and management of the consultation process.
- Consider the cultural perspectives, views, knowledge and advice of the RAPs involved in the consultation process in assessing cultural significance and developing any heritage management outcomes for Aboriginal objects(s) and/or places(s).
- Provide evidence to the DPIE of consultation by including information relevant to the cultural perspectives, views, knowledge and advice provided by the RAPs.
- Accurately record and clearly articulate all consultation findings in the final cultural heritage assessment report.
- Provide copies of the cultural heritage assessment report to the RAPs who have been consulted.

The consultation process undertaken to seek active involvement from relevant Aboriginal representatives for the Project followed the current NSW statutory guideline, namely, the Consultation Requirements. Section 1.3 of the Consultation Requirements describes the guiding principles of the document. The principles have been derived directly from the principles section of the *Australian Heritage Commission's Ask First: A guide to respecting Indigenous heritage places and values* (Australian Heritage Commission 2002).

The following outlines the process and results of the consultation conducted during this assessment to ascertain and reflect the Aboriginal cultural heritage values of the subject area. Further information in regard to the Aboriginal community consultation processed is outlined in Appendix C and Appendix D.

3.1. STAGE 1: NOTIFICATION OF PROJECT PROPOSAL AND REGISTRATION OF INTEREST

3.1.1. Government Organisation Contact

The aim of Stage 1 is to identify, notify and register Aboriginal people who hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the subject area.

A search of the Native Title Tribunal was undertaken on 15th April 2020. This search identified the subject area as freehold tenure which extinguishes native title.

To identify Aboriginal people who may be interested in registering as Aboriginal parties for the project, the organisations stipulated in Section 4.1.2 of the Consultation Guidelines were contacted (refer to Table 9).

Table 9 – Contacted Organisations

Organisation	Date notification sent	Date Response Received
Office of the Registrar, Aboriginal Land Rights Act 1983	27/04/2020	N/A
Department of Planning, Industry and Environment, Greater Sydney Branch, Communities and Greater Sydney Division	27/04/2020	8/05/2020
NTS Corp	27/04/2020	N/A
Metropolitan Local Aboriginal Land Council	27/04/2020	12/05/2020
Local Land Services, Greater Sydney	27/04/2020	N/A
Mosman Council	27/04/2020	14/05/2020
National Native Title Tribunal	16/04/2020	17/04/2020

The template for the emails sent to the above-mentioned organisations is at A total of 42 Aboriginal groups and individuals with an interest in the subject area were identified following this stage. These groups were contacted, with further information presented at Section **Error! Reference source not found.** below.

3.1.2. Registration of Interest

In accordance with Section 4.1.3 of the Consultation Guidelines, letters were sent to the 43 Aboriginal groups and individuals on 15th May 2020, via email or post (depending on the method identified by each group), to notify them of the proposed project. A total of 40 were sent via email, with 3 sent by express post. The letters afforded a response time of over 14 days, being 3rd June 2020, in accordance with the 14-day minimum requirement. The letter template is shown at Appendix C and includes a brief introduction to the project and the project location.

A total of ten groups registered interested in the project as a result of this phase within the nominated timeframe. Acknowledgement emails or telephone calls were made by Urbis to respondents, to confirm registration had been received (refer Table 10).

Table 10 – Stage 1 Consultation – Registration of Interest

Organisation / Individual	Contact Person
A1 Indigenous Services	Carolyn Hickey
Butucarbin	Lowanna Gibson
Dennis Foley	Dennis Foley
DNC	Lilly Carroll
Goobah Developments	Basil Smith
Metropolitan Local Aboriginal Land Council	Selina Timothy
Merrigarn	Shaun Carroll
Taronga Aboriginal Advisory Group	Simon Duffy
The Gaimaragal Group	Susan Moylan-Coombs
Wailwan Aboriginal Group	Phil Boney

3.1.3. Public Notice

In accordance with Section 4.1.3 of the Consultation Guidelines, Urbis sought to publish an advertisement in one local newspapers. However, due to the Coronavirus pandemic which had dramatic impacts on early 2020, public newspapers were no longer publishing at this time. As a result a public notice was place in the KooriMail, which was identified as the most appropriate alternative.

The notice was published on the 20th May 2020, and registration remained open until 3rd June 2020, providing 14 days to register an interest in accordance with the Consultation Requirements. A copy of the advertisement is included at Appendix C.

1 response was to the newspaper advertisement was received (Table 11).

The list of Registered Aboriginal Parties (RAPs) was provided to DPIE and the Metropolitan Local Aboriginal Land Council on the 9 June 2020 (see Appendix C).

Table 11 – Stage 1 Consultation – Public Notice

Organisation / Individual	Contact Person
Merrigarn	Shaun Carroll

3.2. STAGE 2: PRESENTATION OF INFORMATION ABOUT THE PROJECT

The aim of Stage 2 is to provide registered Aboriginal parties with information about the scope of the proposed project, and the proposed cultural heritage assessment process. A Stage 2 Information Pack which included a brief introduction to the project, the project location, and AHIMS search result to provide understanding of the registered cultural sites in the local area, was sent to registered Aboriginal parties via email on the 5 June 2020. Request for response to the Stage 2/3 Information Packet was set to 6 July 2020. Follow-up phone calls were made to all RAPS on 22 June 2020.

The Information Pack was prepared as a combination of Stage 2 and 3 of the Consultation Guidelines, and included the following information:

- Project overview, location and purpose.
- Proposed works.
- Brief environmental and historical background.
- Notification of the site inspection.
- Protocol of gathering information on cultural heritage significance.
- Request for comment on methodology and recommendations for site investigation, and request for any cultural information the respondent wished to share.

The letter is included at Appendix C of this report.

3.3. STAGE 3: GATHERING INFORMATION ABOUT THE PROPOSED PROJECT

Stage 3 is concerned with gathering feedback on a project, proposed methodologies, and obtaining any cultural information that registered Aboriginal parties wish to share. This may include ethno-historical information, or identification of significant sites or places in the local area. Three responses were received to the Stage 2 and 3 Information Pack.

These responses are included in Appendix C and addressed in Table 12 below.

Table 12 – Response to Stage 2 and 3 documents

RAP	Response	Urbis Response
Dennis Foley	<p>1. <i>Location; correct this area is a fragment of a large ceremonial ground that occupied the ridge-line at the area known as Mosman Junction and splinters off to several beaches and gullies however for the purpose of this development it is important to understand the geographic overlay and lattice frameworks of important sites which overlays and joins the specific area in this case, and it extends to Bradleys Head and Athol Bay. Noted Figure 2 is accurate. it also includes the site location where the current double story car-park and adjoining land exists.</i></p> <p>2. <i>Description of Development; you have been commissioned to produce a Aboriginal Cultural Heritage Assessment Report yet none of your staff addressed the Taronga Trust Society's Aboriginal Advisory Board. In lieu of a copy of your document and a cut off date for comment it would have been far more prudent to have addressed the Advisory Groups members in a conciliatory manner by a</i></p>	<p>1. Acknowledged. We are aware of the fact that Aboriginal cultural heritage comprising both tangible and intangible components and that the latter can't be assessed thoroughly without looking in a broader context of the subject area we are assessing for actual physical impacts on tangible resources. Natural features and their connection to people's everyday life and customs do overlay several different landscape features within and in the vicinity of the subject area and the cultural connection is much more holistic compared to the physical signs of human occupation archaeologists can assess and draw conclusions from. We would be very interested to learn more of what you already expressed during the site visit and meeting and we'd encourage you and the Zoo to explore opportunities to</p>

RAP	Response	Urbis Response
	<p><i>member of your staff rather than being a cold external consultant. May I suggest in future projects treat the Aboriginal community with increased professionalism and we will work with you rather than ignore you. Overall your description of the development is accurate.</i></p> <p>3. <i>3.1 Taronga Zoo Archaeological Management Plan; whilst there is no direction under the relevant legislation the author should realise this is the home, the cemetery, the university of countless generations of Aboriginal people. Where is your compassion to show this as Aboriginal land/and or an Aboriginal site? An Australian High Court judgement determined what is an Aboriginal person, in the infamous High Court Mabo and Wik judgments our precolonial tenure on the land was recognised; perhaps in documents such as this there could also be the recognition of Elders past, present and emerging for the Aboriginal spirit is within the matrix of any Archaeological Management Plan.</i></p> <p>4. <i>3.2 Aboriginal Heritage Information System. A clinical representation, you are correct in showing that the AHIMS register is not comprehensive. Are you aware a cave / sandstone overhang once existed on this area together with a broad flat stone shelf containing several important engraving depicting the Tachyglossus Aculeatus - the short beaked echidna. Which designates this site as one of many woman's resting, educating and sit down sites. In addition oral history states that several bones were removed from this area in approximately 1918 or 20 that were Aboriginal, thought to be remains of smallpox deaths and these were located in the old minerals collection under the southern end of the Harbor Bridge and later transferred to the</i></p>	<p>include these in future interpretation and education resources.</p> <p>2. Thank you for your advice on this Dennis. Please note that due to our situation as an archaeological consultancy, we had to treat everyone equal in our approach to consultation to ensure that we minimise risk to our Proponent the Zoo. We will do this in a different way next time and would be more than happy to work out a protocol for any upcoming works. However, we also must adhere to the legislative requirements of the day and ensure that all processes are run in a transparent and consistent way.</p> <p>3. Thank you again for the advice and raising this issue. As we discussed on our meeting, we are aware of the facts you raised and would be more than happy to receive more information on this from you. However, I have to reinforce it again that our scope, budget and objectives should be to ensure that that Aboriginal cultural heritage is investigated, assessed and managed for the proposed development and we do all the legislative requirements that needs to be complied with in order to ensure that appropriate management of cultural heritage and provide a robust advice to the Zoo. Stage 2 and 3 has been designed to receive intangible cultural heritage information from registered Aboriginal parties and provide additional information to our technical/archaeological approach.</p>

RAP	Response	Urbis Response
	<p>5. <i>'Macleay Collection' at Sydney University.</i></p> <p><i>There is no mention of Intangible Cultural Heritage which is a major flaw in not only this but all similar reports. Rarely does a non-indigenous consultancy firm understand or apply this concept even though there is a plethora of academic literature on the subject</i></p>	<p>4. Thank you for the information. Obviously, there are a lot of archaeological information is not captured by AHIMS and we all know that it comprises only the fraction of the resources that still exist out there or have been destroyed by historical land use. Please provide additional information including details – if appropriate – of these sites.</p> <p>5. Stage 2 and 3 of the consultation processes is designed for receiving the intangible heritage information from the registered Aboriginal Parties. As an archaeologist, I always stick to the methodology where we provide the technical information, a very high level intangible cultural heritage information into the Aboriginal History section and ask the Aboriginal stakeholders to provide the intangible component as in my view it would be inappropriate to include assumption without involving the registered Aboriginal parties. Unfortunately, the scope and budgets of most of these ACHAs are not robust enough for academic level of research and discussion on intangible cultural heritage resource. We'd appreciate if you can send through those publications you listed in the bibliography to include them in our next assessment and learn more about the subject.</p>
DNC/Lilly Carroll	Expressed her approval for the proposed methodology and Stage 2 information package in the follow up phone call on 22 June.	Acknowledged and entered into consultation log.

3.4. SITE INSPECTION

Site inspection opportunity was provided for all RAPs on the 8 July 2020. Communication was initiated on the 1 July and request was sent for providing all necessary documentation and information to the Proponent by the end of 3 July and the 7 July was nominated for the site visit. Due to the tight time frame, follow-up phone calls were made to all RAPs on the 2 July to ensure that all have the opportunity to respond. Request was made by RAPs to move the site inspection to the 8 July and following consultation with the Proponent the request was approved. The following RAPs have responded to the invitation and provided the necessary documentation.

Table 13 – Stage 3 Site Visit – Registration of Interest

Organisation / Individual	Contact Person
A1 Indigenous Services	Brayden McDougall
Butucarbin	Lowanna Gibson
Dennis Foley	Dennis Foley
DNC	Frank Smith
The Gaimaragal Group	Susan Moylan-Coombs
Wailwan Aboriginal Group	Phil Boney

To comply with the relevant social distancing measures under the COVID 19 policies of the Commonwealth and State Government, in line with the relevant policies of the Zoo and also the requirements of the Job Safety Assessment prepared by Urbis; the site visit was organised in a roster system to keep the number of participants manageable in context with the visitor numbers of the recently re-opened Zoo. There were two time slots provided for the RAPs, the first group at 9 am and the second at 11:30am.

The site inspection was carried out on the 8 July 2020. The conditions were favourable and following a short walkover of the subject area and discussion of the proposed development as well as the low potential of Aboriginal objects within the subject area all RAPs have provided opportunities to provide feedback on site. The following RAPs and representatives of the Proponent and Urbis took part in the site inspection.

Table 14 – Stage 3 Site Visit – Participants

Organisation / Individual	Contact Person
A1 Indigenous Services	Brayden McDougall
Dennis Foley	Dennis Foley
DNC	Frank Smith
Urbis	Balazs Hansel
Taronga Conservation Society Australia	Kristine Marshall
Taronga Conservation Society Australia	Lucinda Cveticanin
Wailwan Aboriginal Group	Phil Boney

No additional feedback has been received from the RAPs apart from those that have been provided during Stage 2 and 3. All RAPs have acknowledged that the high impact from historical land use activities likely removed all potential for Aboriginal objects in the subject area and that the proposed recommendations will be sufficient for the development. Dennis Foley have provided additional information in relation to the cultural history and connections of the subject area and the wider surroundings. The representatives of the Proponent and Urbis acknowledged the additional information and discussed the opportunities with Mr Foley on how the cultural heritage information might be used on interpretation and education material for the Zoo.

3.5. STAGE 4: REVIEW OF DRAFT ACHA REPORT

The aim of Stage 4 is to prepare and finalise an ACHAR with input from registered Aboriginal Parties.

This Draft ACHAR will be provided to all groups who registered, and a minimum 28 days is stipulated for receiving submissions. It is noted that the time allowed for comment should reflect the size and complexity of the project. Submissions may be made in writing, or verbally, and are to be included in the final ACHAR. Responses from the Proponent are also required to be included in a final ACHAR in Appendix C.

Following inclusion of comments from the Aboriginal Parties, the final ACHAR is to be provided to DPIE, in conjunction with an AHIP application as required.

Table 15 RAP feedback and Urbis reply during Stage 4 Draft ACHAR review.

RAP	Comment	Reply
A1 Indigenous Services	Hi, I have reviewed the document and support the Excavation Draft ACHAR. Thank you, Carolyn Hickey	Acknowledged and inserted into ACHAR.
MLALC	<p>The following is a summary of the comments from the MLALC. The full submission is located in Appendix C.</p> <ol style="list-style-type: none"> 1. <i>Aboriginal Heritage</i>: The subject area is significant to Aboriginal People. They request the utilization of Aboriginal naming for interpretation, naming conventions for plants. 2. <i>Conclusions and Recommendations</i>: They request all works to cease and notification for the MLALC Asset Manager Gina Lewis in uncovering any cultural objects. Revegetation should use native plants and Aboriginal names of those plants should be displayed. 3. <i>Consultation Process</i>: <i>MLALC is extremely concerned that the Aboriginal parties whom participated are not and are not known to MLALC as having any cultural knowledge of the location.</i> 4. <i>Review of Draft ACHAR</i>: <i>Non registered Traditional owners claiming to speak as Traditional owners. This can be confirmed through both NSW Registrar Aboriginal Land Rights & National Native Title Tribunal.</i> 	<ol style="list-style-type: none"> 1. Acknowledged, passed on to Taronga Zoo. 2. Acknowledged. Will do as part of the notification of all RAPs as per the Chance Find Procedure. 3. Acknowledged. Urbis carried out the consultation in line with the relevant guidelines under the legislative requirements and ensured that the consultation is inclusive. 4. Acknowledged. Urbis carried out the consultation in line with the relevant guidelines under the legislative requirements and ensured that the consultation is

RAP	Comment	Reply
	<p><i>MLALC is extremely concerned that Taronga Zoo has apparently appointed Traditional Owners rather than liaising with MLALC as the representative body for all Aboriginal of the area the Zoo operates.</i></p> <p>5. <i>Assessment of Identified Values: As a general recommendation from MLALC if Human burials or remains and or cultural materials are unearthed during any stages and are exposed standard stop-work procedures and protocols should be followed and advise to contact appropriate authorities and if suspected to be of Aboriginal origin the Heritage Community Engagement Department of Premier and Cabinet and MLALC to be contacted and need to be notified of the discovery immediately. MLALC also affirm that whilst the site has had large disturbance and or use it still remains a high and or probability that Gammarigal Culture Heritage remains and may be affected by works planned. Cultural significance objects found during works carried out should be Cared, respected, and recorded in a correct manner in accordance with guidelines.</i></p> <p>Re-iterate the need of native plants and Aboriginal names used in naming conventions for plants.</p> <p>6. <i>Aboriginal Cultural Heritage Management Recommendations:</i></p> <ul style="list-style-type: none"> ▪ <i>Bring together various stakeholders and groups to work collectively towards the goal and aims of Aboriginal Cultural Heritage management.</i> ▪ <i>Use cultural awareness training to reinforce community understanding of Aboriginal sites.</i> ▪ <i>Ensure Aboriginal sites are regularly monitored and maintained. The maintenance and monitoring of sites should be done by Cultural Heritage officers in collaboration with the local Aboriginal community.</i> <p>7. <i>Conclusion and Recommendations:</i></p> <p><i>That Taronga Zoo:</i></p>	<p>inclusive. Comment is passed on to Taronga Zoo.</p> <p>5. Acknowledged. The recommendations include the monitoring of all earthworks and the Chance Find Procedure will ensure that</p> <p>6. Will communicate this to Taronga Zoo. The Zoo has an ongoing engagement plan with Aboriginal people.</p> <p>Acknowledged and will communicate to the Zoo.</p> <p>The Zoo has a list of existing Aboriginal sites and they are protected under the AMP.</p> <p>7. The Zoo acknowledges the Traditional Owners of the land on which it operates.</p>

RAP	Comment	Reply
	<p><i>1. Recognise that the site is and always will be part of Gammarigal estate being the custodians and or owners of the site and surrounding area.</i></p> <p><i>2. Acknowledge the Gammarigal had used the locality and site as an open art gallery to depict their (sic)</i></p> <p><i>3. Provide a final report on the proposal outlining and addressing how it will manage Culture Heritage materials recovered and or uncovered during works proposed.</i></p>	<p>The Zoo acknowledges the Traditional Owners of the land on which it operates.</p> <p>Will be provided on finalising works. RAPs will be informed of any development on site and if Aboriginal objects are found during earthworks.</p>
Dennis Foley	<p>Phone conversation on 8 September 2020. Generally, agree with the recommendations and outlined his concern about the water course that still runs through the wetland ponds area. We discussed the matter and updated the recommendations in line with his feedback</p>	<p>Recommendations have been implemented and updated according to the feedback.</p>

4. CULTURAL HERITAGE VALUES AND STATEMENT OF SIGNIFICANCE

4.1. METHODS OF ASSESSING HERITAGE SIGNIFICANCE

Heritage significance is assessed by considering each cultural, or archaeological site, against the significance criteria set out in the Assessment Guidelines. In all cases, the assessment of significance detailed below is informed by the Aboriginal community, which is documented in this report. If any culturally sensitive values were identified they would not be specifically included in the report, or made publicly available, but would be documented and lodged with the knowledge holder providing the information.

4.2. ASSESSMENT FRAMEWORK

The Burra Charter (Australia ICOMOS 1999) defines the basic principles and procedure to be observed in the conservation of important places. It provided the primary framework within which decisions about the management of heritage sites should be made. The Burra Charter defines cultural significance as being derived from the values listed below.

4.2.1. Social or cultural value

Social or cultural value refers to the spiritual, traditional, historical or contemporary associations and attachments the place or area has for Aboriginal people. Social or cultural values is how people express their connection with a place and the meaning that place has for them.

Places of social or cultural value have associations with contemporary community identity. These places can have associations with tragic or warmly remembered experiences, periods, or events. Communities can experience a sense of loss should a place of social or cultural value be damaged or destroyed.

There is not always a consensus about a place's social or cultural value. When identifying values, it is not necessary to agree with or acknowledge the validity of each other's values, but it is necessary to document the range of values identified.

Social or cultural values can only be identified through consultation with Aboriginal people. This could involve a range of methodologies, such as cultural mapping, oral histories, archival documentation and specific information provided by Aboriginal people specifically for the investigation.

When recording oral history:

- Identify who was interviewed and why.
- Document the time, place and date the interview was conducted.
- Describe the interview arrangements (the number of people present, recording arrangements, information access arrangements).
- Provide a summary of the information provided to the person being interviewed.
- Summarise the information provided by each person interviewed.

More information on conducting oral history projects can be found in OEH's publication *Talking history: oral history guidelines*.

Occasionally information about social value may not be forthcoming. In these circumstances, document the consultation process but make it clear in the discussions and conclusions about social value that this was the case.

4.2.2. Historic value

Historic value refers to the associations of a place with a historically important person, event, phase or activity in an Aboriginal community. Historic places do not always have physical evidence of their historical importance (such as structures, planted vegetation or landscape modifications). They may have 'shared' historic values with other (non-Aboriginal) communities.

Places of post-contact Aboriginal history have generally been poorly recognised in investigations of Aboriginal heritage. Consequently, the Aboriginal involvement and contribution to important regional historical themes is often missing from accepted historical narratives. This means it is often necessary to collect oral histories along with archival or documentary research to gain a sufficient understanding of historic values.

4.2.3. Scientific (Archaeological) value

This refers to the importance of a landscape, area, place or object because of its rarity, representativeness and the extent to which it may contribute to further understanding and information (Australian ICOMOS 1988).

Information about scientific values will be gathered through any archaeological investigation undertaken. Archaeological investigations must be carried out according to OEH's *Code of practice for archaeological investigation of Aboriginal objects in NSW*.

Scientific significance, also referred to as archaeological significance, is determined by assessing an Aboriginal heritage site or area according to archaeological criteria. The assessment of archaeological significance is used to develop appropriate heritage management and impact mitigation strategies.

Criteria for archaeological significance have been developed in accordance with DPIE guidelines, as shown in Table 16 below.

Table 16 – Scientific (archaeological) significance criteria

Significance Criteria	Description
Research Potential	Does the evidence suggest any potential to contribute to an understanding of the area and/or region and/or state's natural and cultural history?
Representativeness	How much variability (outside and/or inside the subject area) exists, what is already conserved, how much connectivity is there?
Rarity	Is the subject area important in demonstrating a distinctive way of life, custom, process, land-use, function or design no longer practised? Is it in danger of being lost or of exceptional interest?
Education Potential	Does the subject area contain teaching sites or sites that might have teaching potential?
Condition	What is the condition of the site? Does it appear to have been impacted/altered?

4.2.4. Aesthetic value

This refers to sensory, scenic, architectural, and creative aspects of the place. It is often closely linked with the social values. It may consider form, scale, colour, texture and material of the fabric or landscape, and the smell and sounds associated with the place and its use (Australian ICOMOS 1988).

4.3. IDENTIFYING VALUES

The information collected in the background review of the project can be used to help identify these values. The review of background information and information gained through consultation with Aboriginal people should provide insight into past events. These include how the landscape was used and why any identified Aboriginal objects are in this location, along with contemporary uses of the land.

Information gaps are not uncommon and should be acknowledged. They may require further investigation to adequately identify the values present across the subject area. It may be helpful to prepare a preliminary values map that identifies, to the extent of information available, the:

- Known places of social, spiritual, cultural value, including natural resources of significance.
- Known historic places.

- Known Aboriginal objects and/or declared Aboriginal places.
- Potential places/areas of social, spiritual, cultural value, including natural resources, historic or archaeological significance.

Places of potential value that are not fully identified or defined should be included as 'sensitive' areas to target further investigation.

4.4. ASSESSING VALUES AND SIGNIFICANCE

This stage is used to assess and discuss the cultural significance of the values identified during the identification and assessment of cultural significance by consulting Aboriginal people and to prepare a statement of significance. The assessment of values is a discussion of what is significant and why. An assessment of values is more than simply restating the evidence collected during the background review and identification of values stages of the project. Rather, the assessment should lead to a statement of significance that sets out a succinct summary of the salient values that have been identified.

The assessment and justification in the statement of significance must discuss whether any value meets the following criteria (NSW Heritage Office 2001):

- Does the subject area have a strong or special association with a particular community or cultural group for social, cultural or spiritual reasons? – social value.
- Is the subject area important to the cultural or natural history of the local area and/or region and/or state? – historic value.
- Does the subject area have potential to yield information that will contribute to an understanding of the cultural or natural history of the local area and/or region and/or state? – scientific (archaeological) value.
- Is the subject area important in demonstrating aesthetic characteristics in the local area and/or region and/or state? – aesthetic value.

Assessment of each of the criteria (above) should be graded in terms that allow the significance to be described and compared; for example, as high, moderate, or low. In applying these criteria, consideration should be given to:

- Research potential: does the evidence suggest any potential to contribute to an understanding of the area and/or region and/or state's natural and cultural history?
- Representativeness: how much variability (outside and/or inside the subject area) exists, what is already conserved, how much connectivity is there?
- Rarity: is the subject area important in demonstrating a distinctive way of life, custom, process, land-use, function or design no longer practised? Is it in danger of being lost or of exceptional interest?
- Education potential: does the subject area contain teaching sites or sites that might have teaching potential?

Then discuss what is significance and why – this should be summarised into a statement of significance. Thus, the statement of significance is a succinct summary of the salient values drawn from the identification of values.

5. ASSESSMENT OF IDENTIFIED VALUES

An assessment of cultural heritage significance and values incorporates a range of values which may vary for different individual groups and may relate to both the natural and cultural characteristics of places or sites. Cultural significance and Aboriginal cultural views can only be determined by the Aboriginal community using their own knowledge of the area and any sites present, and their own value system. All Aboriginal heritage evidence tends to have some contemporary significance to Aboriginal people, because it represents an important tangible link to their past and to the landscape.

Consultation with members of the local Aboriginal community (project RAPs) was undertaken to identify the level of spiritual/cultural significance of the subject area and its components. In acknowledgment that the Aboriginal community themselves are in the best position to identify levels of cultural significance, the project RAPs were invited to provide comment and input into this ACHAR and to the assessment of cultural heritage significance and values presented therein.

Summary of the identified values are provided in Table 17 below.

Table 17 – Summary of identified values

Criteria	Assessment
Social or Cultural Value	<p>MLALC comment: <i>1. Recognise that the site is and always will be part of Gammarigal estate being the custodians and or owners of the site and surrounding area.</i></p> <p>Dennis Foley have expressed in his comments during Stage 3 and on the site visit that the area is of high social and cultural value of the local Aboriginal people both pre- and post-colonial era.</p>
Historic Value	The MLALC and Dennis Foley both expressed that the area is historically significant to the local Aboriginal people.
Scientific (archaeological) Value	The scientific (archaeological) value of the subject area assessed as low. Historical land use activities such as clearing of vegetation, development of the Zoo since the early 20 th century and consequent high-level impact resulted in high, often extreme level of disturbance of the original environment. It is highly unlikely that archaeological resources survived these impacts and consequently the archaeological and scientific value of the subject area is low.
Aesthetic Value	<p>The overall Aesthetic Value of the subject area has been rated as low due to the lack of presence of any elements that are listed under the relevant criteria.</p> <p>The results of the archaeological monitoring might alter this assessment should any Aboriginal artefacts or features such as engravings located under the fill.</p>

6. IMPACT ASSESSMENT

6.1. THE PROPOSED ACTIVITY

The Upper Australia Precinct will complete the redevelopment of the entire Australian Habitat section of Taronga Zoo and will represent central and northern Australia with animal species and landscapes that reflect the central Australian deserts and top end wetlands.

The proposed works will upgrade the existing Upper Australia Precinct, including a new exhibit design and layouts. This will include demolition of existing structures and some excavation works, while still remaining sympathetic to the design intent of the original 1970s exhibits. The Upper Australia Precinct will display critically endangered Australian animals that form part of Taronga's wildlife conservation and education programs and upgrade "star" attractions including kangaroo, koala, platypus, wombat and emu exhibits.

The proposal will incorporate the demolition of (Figure 3):

- road, associated kerbing and retaining wall for Heritage item 'Wombat Enclosure' (123L);
- section of boundary wall associated with heritage item 07L;
- heritage item 'Timber Boardwalk' (53L); and
- heritage item 'Platypus House' (93B) and associated ground slab and footings.

The proposal will incorporate the following works:

- Refurbishment of the existing Nocturnal House.
- Construction of a new Koala encounter and canopy walk.
- Extension of the existing Macropod walkthrough.
- Creation of a new eastern plaza and western pavilion.
- Upgrades to back of house facilities for animal care.
- Additional toilets and amenities for staff and visitors.
- Other supporting infrastructure and walkways.
- Modifications to the existing ropes course including a new entrance.

The proposal will incorporate excavation (Figure 4) of areas, including:

- The inside the wetland ponds (within vicinity of heritage items 08L & 107L), where base will be excavated and walls will remain intact.
- A small section of the western side of the existing entrance of the Nocturnal House.
- Conversion of footpaths to boardwalks, which will involve spot excavations for pylons within the Australian wildlife enclosure (123L) where a boardwalk will be installed to minimise surface footprint of the development.

6.2. POTENTIAL HARM

This section identifies the potential impacts to cultural heritage arising from the proposal, including demolition, excavation, and construction phases. Harm can be direct or indirect, defined by the Assessment Guidelines as:

- Direct harm – may occur as the result of any activity which disturbs the ground including, but not limited to, site preparation activities, installation of services and infrastructure, roadworks, excavation, flood mitigation measures; and

- Indirect harm – may affect sites or features located immediately beyond or within the area of the proposed activity. Examples include, but are not limited to, increased impact on art in a shelter from increased visitation, destruction from increased erosion and changes in access to wild food resources.

It is noted that no Aboriginal objects or cultural sites have been identified within, or in close proximity to, the subject area.

There is low likelihood of any Aboriginal archaeological resources within the subject area and at this stage it is highly unlikely that the proposed development will directly or indirectly harm Aboriginal objects and archaeological resources. The recommendations of this ACHAR include the monitoring of excavations and earthworks to ensure that the Chance Find Procedure is followed through properly and appropriate management measures will be applied to any potential Aboriginal objects during those works.

6.3. LIKELY IMPACTED VALUES

At this stage it is highly unlikely that the proposed development will impact on any tangible or intangible values of Aboriginal cultural heritage. Urbis has been in consultation of the Registered Aboriginal Parties and the Proponent to encourage the development and implementation of Aboriginal cultural heritage interpretation and education material for the new Upper Australia Precinct.

6.4. JUSTIFICATION

The aim of the proposed development is to update one of the most popular section so of the Zoo and enhance the experience of visitors, as well as upgrading the environment of the flora and fauna located in the Upper Australia Precinct. The proposed development is very important to ensure that threatened Australian fauna is cared-for and presented for the visitors in new settings that reflect more on their original environment. Moreover, the development will have a better educational outcome for visitors and the general public.

7. AVOIDING AND MINIMISING HARM

This ACHA has concluded that there is only a low potential for Aboriginal objects to have survived within the subject area. Consequently, there is highly unlikely that the proposed development will harm Aboriginal objects or archaeological resources and no management measures for avoidance are warranted.

As an additional measure, monitoring of earthworks and excavations is proposed to ensure that the Chance Find Procedure is implemented in the event of identifying any Aboriginal objects or archaeological resource.

8. CONCLUSIONS AND RECOMMENDATIONS

The ACHAR concluded that:

- There are no registered Aboriginal objects and/or places within or in close proximity to the subject area.
- There are no visible landscape features with potential for Aboriginal objects or archaeological deposits located within the subject area. However, the highly modified original creek that still seeping through the sandstone rock ledges in the north side of the Wetland Ponds still have intangible values for the local Aboriginal people. Moreover, there is a low potential for the remains of sandstone outcrops buried under the imported fill and landscaped environment that might be associated with grinding grooves or engravings.
- The subject area has experienced high levels of disturbance due to historical land use, including the establishment of the zoo in the early 20th century
- The Registered Aboriginal Parties were satisfied with the conclusions and recommendations of the ACHAR.

The proposed development can proceed in accordance with the following recommendations:

Recommendation 1 – Aboriginal Cultural Heritage Induction

It is recommended that induction materials be prepared in consultation with the Registered Aboriginal Parties (RAPs) for inclusion in the construction management plan and site inductions for any contractors working at the subject area. The induction material should include an overview of the types of sites and artefacts to be aware of (i.e. stone tools, concentrations of shells that could be middens and rock engravings and grinding grooves), under the NPW Act, and the requirements of an 'archaeological chance find procedure' (refer below). This should be prepared for the project and included in any site management plans.

The induction material may be paper based, included in any hard copy site management documents; or electronic, such as "PowerPoint" for any face to face site inductions.

Recommendation 2 – Archaeological Chance Find Procedure

In concurrent of the recommendations of the Historical Archaeological Assessment (Urbis 2020) for monitoring of earthworks for any potential historical archaeological resources, it is recommended that the monitoring applied for Aboriginal objects and archaeological resources as well. Although considered highly unlikely, should any Aboriginal objects, archaeological deposits be uncovered during any site works, a procedure must be implemented. The following steps must be carried out:

1. All works stop in the vicinity of the find. The find must not be moved 'out of the way' without assessment.
2. The archaeologist and Aboriginal representative on site examine the find, provides a preliminary assessment of significance, records the item for the AHIMS register and decides on appropriate management. Such management may require further consultation with the Aboriginal Cultural Heritage Regulation Branch of the Department of Premier and Cabinet (DPC), preparation of a research design and archaeological investigation/salvage methodology and decision on temporary care and control.
3. Depending on the significance of the find, reassessment of the archaeological potential of the subject area may be required, and further archaeological investigation undertaken.
4. Reporting may need to be prepared regarding the find and approved management strategies. Any such documentation should be appended to this ACHAR and revised accordingly.
5. Works in the vicinity of the find can only recommence when all management measure all implemented, and the find is removed from the activity area. Should the find be an unmovable item such as an engraving or grinding groove located on a sandstone surface, further management measures will need to be introduced to avoid harm to the find.

Recommendation 3 – Human Remains Procedure

In the unlikely event that human remains are uncovered during any site works, the following must be undertaken:

1. All works within the vicinity of the find immediately stop.

2. Site supervisor or other nominated manager must notify the NSW Police and DPIE.
3. The find must be assessed by the NSW Police, and may include the assistance of a qualified forensic anthropologist.
4. Management recommendations are to be formulated by the Police, DPIE and site representatives.
5. Works are not to recommence until the find has been appropriately managed.

Recommendation 4 – RAP consultation

A copy of the final ACHAR must be provided to all project RAPs. Ongoing consultation with RAPs should occur as the project progresses. This will ensure ongoing communication about the project and key milestones and ensure that the consultation process does not lapse, particularly with regard to consultation should the Chance Find Procedure be enacted.

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DISCLAIMER

This report is dated 20 April 2020 and incorporates information and events up to that date only and excludes any information arising, or event occurring, after that date which may affect the validity of Urbis Pty Ltd (**Urbis**) opinion in this report. Urbis prepared this report on the instructions, and for the benefit only, of Taronga Conservation Society Australia (**Instructing Party**) for the purpose of SSD (**Purpose**) and not for any other purpose or use. To the extent permitted by applicable law, Urbis expressly disclaims all liability, whether direct or indirect, to the Instructing Party which relies or purports to rely on this report for any purpose other than the Purpose, and to any other person which relies or purports to rely on this report for any purpose whatsoever (including the Purpose).

In preparing this report, Urbis was required to make judgements which may be affected by unforeseen future events, the likelihood and effects of which are not capable of precise assessment.

All surveys, forecasts, projections and recommendations contained in or associated with this report are made in good faith and on the basis of information supplied to Urbis at the date of this report, and upon which Urbis relied. Achievement of the projections and budgets set out in this report will depend, among other things, on the actions of others over which Urbis has no control.

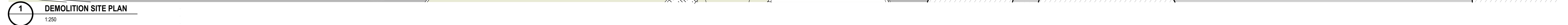
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Whilst Urbis has made all reasonable inquiries it believes necessary in preparing this report, it is not responsible for determining the completeness or accuracy of information provided to it. Urbis (including its officers and personnel) is not liable for any errors or omissions, including in information provided by the Instructing Party or another person or upon which Urbis relies, provided that such errors or omissions are not made by Urbis recklessly or in bad faith.

This report has been prepared with due care and diligence by Urbis and the statements and opinions given by Urbis in this report are given in good faith and in the reasonable belief that they are correct and not misleading, subject to the limitations above.

APPENDIX A


ARCHITECTURAL PLANS



REV		DESCRIPTION	DATE	REV	DESCRIPTION	DATE	TITLE	TITLE	TITLE	TITLE	LEGEND	NORTH	CLIENT	PROJECT TITLE	lahznimmo architects Suite 404, Flourmill Studios 3 Gladstone St Newtown NSW 2042 Australia T 02 9550 5200 F 02 9550 5233 www.lahznimmo.com		TITLE DEMOLITION SITE PLAN								
												 <small>DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS ONLY. VERIFY ALL DIMENSIONS ON SITE. REFER ANY DISCREPANCIES TO THE ARCHITECT. THIS DRAWING, THE INFORMATION ON IT AND THE DESIGN ARE COPYRIGHT © LAHZNIMMO ARCHITECTS PTY LTD</small>	Taronga Zoo	Upper Australia Exhibit	REVIEW	DIRECTOR SIGNATURE	DATE	DRAWN	XX	PLOT DATE	SCALE @A1 1:250				
							TITLE	TITLE	TITLE	TITLE					SCALE CHECK		10	CONST	CHECKED	XX	PROJECT NO.	18-16	DRAWING NO.	A - D - A - 0 0 1 2	REV. NO.



1

REV	DESCRIPTION	DATE	CIVIL SDA STRUCTURES PH: 9810 6911	HYDRAULIC & CIVIL WARREN SMITH & PARTNERS PH: 9299 1312	CONSTRUCTION MANAGEMENT RPS CONSULTING PH: 8099 3200	TRAFFIC GTA TRAFFIC PH: 8448 1900	LEGEND	NORTH 	CLIENT Taronga Zoo	PROJECT TITLE Upper Australia Exhibit	TITLE LANDSCAPE PLAN				

APPENDIX B

AHIMS BASIC AND EXTENSIVE SEARCH RESULTS

Urbis Pty Ltd - 201 Sussex St Sydney

Date: 17 April 2020

L23, Tower 2 201 sussex St
Sydney New South Wales 2000

Attention: Balazs Hansel

Email: bhansel@urbis.com.au

Dear Sir or Madam:

AHIMS Web Service search for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters, conducted by Balazs Hansel on 17 April 2020.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of the Office of the Environment and Heritage AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

60	Aboriginal sites are recorded in or near the above location.
0	Aboriginal places have been declared in or near the above location. *

If your search shows Aboriginal sites or places what should you do?

- You must do an extensive search if AHIMS has shown that there are Aboriginal sites or places recorded in the search area.
- If you are checking AHIMS as a part of your due diligence, refer to the next steps of the Due Diligence Code of practice.
- You can get further information about Aboriginal places by looking at the gazettal notice that declared it. Aboriginal places gazetted after 2001 are available on the [NSW Government Gazette \(http://www.nsw.gov.au/gazette\)](http://www.nsw.gov.au/gazette) website. Gazettal notices published prior to 2001 can be obtained from Office of Environment and Heritage's Aboriginal Heritage Information Unit upon request

Important information about your AHIMS search

- The information derived from the AHIMS search is only to be used for the purpose for which it was requested. It is not be made available to the public.
- AHIMS records information about Aboriginal sites that have been provided to Office of Environment and Heritage and Aboriginal places that have been declared by the Minister;
- Information recorded on AHIMS may vary in its accuracy and may not be up to date .Location details are recorded as grid references and it is important to note that there may be errors or omissions in these recordings,
- Some parts of New South Wales have not been investigated in detail and there may be fewer records of Aboriginal sites in those areas. These areas may contain Aboriginal sites which are not recorded on AHIMS.
- Aboriginal objects are protected under the National Parks and Wildlife Act 1974 even if they are not recorded as a site on AHIMS.
- This search can form part of your due diligence and remains valid for 12 months.

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2220	Balmoral Beach 4;	AGD	56	338240	6255270	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,2988
	<u>Contact</u>	<u>Recorders</u>	Val Attenbrow,K Cutmore							
45-6-2230	Clifton Gardens 1;Clifton Gardens;	AGD	56	338080	6254120	Open site	Valid	Shell : -, Artefact : -	Midden	2025
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig							
45-6-2320	Burrage Cave;Mosman;	AGD	56	337790	6253250	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2322	Red Fish 2;Mosman;	AGD	56	337740	6253090	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-1959	Taronga Zoo Cave;Mosman;	AGD	56	336980	6253650	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2328	Chowder Head;Clifton Gardens;	AGD	56	338340	6253790	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-0272	Robertson's Point Cremorne	GDA	56	336129	6253645	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	597
	<u>Contact</u>	<u>Recorders</u>	Charles.D Power,Aboriginal Heritage Office							
45-6-0273	Cremorne Point Shell Cove	GDA	56	335999	6253655	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Charles.D Power,Aboriginal Heritage Office							
45-6-0274	Cremorne Point Crows Nest	GDA	56	336249	6253720	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office							
45-6-2061	Red Shield Cave;	AGD	56	335910	6253430	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1809
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2062	Bradleys Beach	AGD	56	337762	6252708	Open site	Valid	Shell : -, Artefact : -	Midden,Open Camp Site	1809,1895,2025
	<u>Contact</u>	<u>Recorders</u>	Val Attenbrow,Michael Guider							
45-6-2063	Little Sirius Pt. 3;	AGD	56	336792	6253460	Open site	Valid	Shell : -, Artefact : -	Midden,Open Camp Site	1809,2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2064	Little Sirius Pt. 2;Mosman;	AGD	56	336790	6253460	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2065	Little Sirius Pt. 1;Mosman;	AGD	56	336782	6253460	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,2025

Report generated by AHIMS Web Service on 17/04/2020 for Balazs Hansel for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 60

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig,Michael Guider					<u>Permits</u>		
45-6-2066	Red Ochre Fish	AGD	56	337481	6253127	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1809,1895,2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2068	Shell Cove 2	GDA	56	335784	6254190	Open site	Valid	Shell : -, Artefact : -	Midden	1809
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-2069	Shell Cove 1	GDA	56	335844	6254100	Open site	Valid	Shell : -, Artefact : -	Midden	1809
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-2071	Cremorne Pt. 1	GDA	56	336464	6253305	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-1896	Chowder Head	AGD	56	338303	6253598	Open site	Valid	Shell : -, Artefact : -	Midden	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-1897	Chowder Head 1	AGD	56	338161	6253587	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -, Artefact : -	Midden,Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-1898	The Balcony	AGD	56	338343	6253710	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-1899	Chowder Head 2	AGD	56	338036	6253594	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	2025
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig,Michael Guider					<u>Permits</u>		
45-6-1905	Reid Park 2;Mosman;	AGD	56	336500	6254600	Open site	Valid	Shell : -, Artefact : -	Midden	2025
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig,Michael Guider					<u>Permits</u>		
45-6-1906	Reid Park 1;Mosman;	AGD	56	336300	6254500	Open site	Valid	Shell : -, Artefact : -	Midden	2025
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig,Michael Guider					<u>Permits</u>		
45-6-2206	Reid Park 3;Mosman;	AGD	56	336357	6254502	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2208	Bradleys Beach rock shelter	AGD	56	337751	6252663	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1895,2025
	<u>Contact</u>	<u>Recorders</u>	Andrew Ross					<u>Permits</u>		
45-6-2117	Clifton Cave;	AGD	56	338209	6253889	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2118	Mosman Bradley's Head	AGD	56	337474	6253300	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1895,2025

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2119	Mosman Athol Beach	AGD	56	337460	6253150	Open site	Valid	Artefact : -	Open Camp Site	1895,2025
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2121	Cremorne Pt. 3;	AGD	56	336170	6253490	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2123	The Barn Cave;Mosman;	AGD	56	336450	6254290	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	2025
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2124	Chowder Head 2;	AGD	56	338188	6253961	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	2025
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2130	Athol Bay Cave;Mosman;Taronga Park Zoo;	AGD	56	337250	6253390	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	2025
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2143	Cremorne Point West (duplicate copy 45-6-0273 and 45-2-0274)	GDA	56	335770	6253800	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,1911
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2178	Shark Island 2;	GDA	56	338802	6252265	Open site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2323	Birds Nest Cave;Clifton Gardens;	AGD	56	337530	6253810	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2327	Chowder Bay;Clifton Gardens;	AGD	56	338350	6254200	Open site	Valid	Shell : -, Artefact : -	Midden	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2329	Chowder Head 3;Clifton Gardens;	AGD	56	338330	6253790	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2330	Two Fish;Clifton Gardens;	AGD	56	338370	6253650	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2331	Koree Cave	AGD	56	338450	6254370	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	<u>Permits</u>							
45-6-2332	Clifton Reserve 1;Clifton Gardens;	AGD	56	338100	6254160	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2333	Shale Cave;Clifton Gardens;	AGD	56	338330	6253610	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2334	Chowder Head 5;Clifton Gardens;	AGD	56	338390	6253590	Open site	Valid	Shell : -, Artefact : -	Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2042	Ashton park	AGD	56	337730	6252728	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1809,1895,2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0656	Mosman Bay	AGD	56	336428	6254573	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0658	Crows Nest;Avenue Rd;	AGD	56	336611	6254095	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0665	Mosman Bay;	AGD	56	337100	6254800	Open site	Deleted	Art (Pigment or Engraved) : -	Rock Engraving	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0674	Bradley's Head;Taylor's Bay;	AGD	56	337900	6253662	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-1701	Little Sirius Cove Midden;	AGD	56	336837	6253788	Closed site	Valid	Artefact : -, Shell : -	Midden,Shelter with Deposit	1293,2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-1702	Sirius Park Midden;	AGD	56	336850	6253973	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1293,1809,2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0028	Taylor's Bay;Chowder Head;	AGD	56	337900	6253700	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2080	Cremorne Pt 2	GDA	56	336374	6253380	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2807	Bradleys Head East 1	AGD	56	337739	6253143	Open site	Valid	Habitation Structure : 1, Shell : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
45-6-2808	Bradleys Head East 2	AGD	56	337794	6253270	Open site	Valid	Habitation Structure : 1, Shell : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		

Report generated by AHIMS Web Service on 17/04/2020 for Balazs Hansel for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 60

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2812	Fire Trail PAD 1	AGD	56	338710	6254995	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u> T Russell	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2814	Fire Trail PAD 2	AGD	56	338690	6255025	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u> T Russell	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2816	Little Fish Park Midden	AGD	56	336858	6254073	Open site	Valid	Habitation Structure : 1, Shell : 1		
	<u>Contact</u> T Russell	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2818	Chowder Head 4	AGD	56	338300	6253800	Open site	Valid	Habitation Structure : 1, Earth Mound : 1		
	<u>Contact</u> S Scanlon	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2819	Chowder Head 5	AGD	56	338266	6253757	Open site	Valid	Habitation Structure : 1, Earth Mound : 1		
	<u>Contact</u> S Scanlon	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2820	Chowder Head 6	AGD	56	338231	6253853	Open site	Valid	Habitation Structure : 1		
	<u>Contact</u> S Scanlon	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		

Report generated by AHIMS Web Service on 17/04/2020 for Balazs Hansel for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 60

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APPENDIX C

CONSULTATION DOCUMENTS

STAGE 1.1 – NATIVE TITLE SEARCH

Request for Search of Tribunal Registers

Search for overlapping interests i.e.: Is there a native title claim, determination or land use agreement over this land?

Please note: the NNTT cannot search over freehold land.

For further information on freehold land: [Click Here](#) (NNTT website)

1. Your details

NAME:	Aaron Olsen
POSITION:	Assistance Archaeologist
COMPANY/ORGANISATION:	Urbis
POSTAL ADDRESS:	Level 8, 123 Pitt Street, Sydney, NSW, 2000
TELEPHONE:	02 8233 9957
EMAIL:	aolsen@urbis.com.au
YOUR REFERENCE:	P0022459
DATE OF REQUEST:	16/04/2020

2. Reason for your request

Are you a party to a native title proceeding?

☐ Yes ☒ No

Please provide Federal Court/Tribunal file number/or application name:

OR

Do you need to identify existing- native title interests to comply with the *Native Title Act 1993* (Cth) or other State/Territory legislation?

☒ Yes ☐ No

Please provide brief details of these obligations here:

Archaeological assessment

3. Identify the area to be searched

If there is insufficient room below, please send more information on a Word or Excel document.

Mining tenure

State/Territory: _____
Tenement ref/s: _____

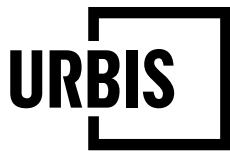
OR

Crown land / non-freehold tenure

Tenure type: ☒ Lease ☐ Reserve or other Crown land
State/Territory: New South Wales
Lot and plan details: Lot 22 DP 843294
Pastoral Lease number or name: _____
Other details: (Town/County/Parish/Section/Hundred/Portion): Mosman/Cumberland/Willoughby

Email completed form to: GeospatialSearch@nntt.gov.au

STAGE 1.2 – AGENCY NOTICES



**ANGEL PLACE
LEVEL 8, 123 PITT STREET
SYDNEY NSW 2000**

URBIS.COM.AU
Urbis Pty Ltd
ABN 50 105 256 228

27 April 2020

Department of Planning, Industry and Environment
Greater Sydney Branch
Communities and Greater Sydney Division
PO Box 644
Parramatta NSW 2124
gs.ach@environment.nsw.gov.au

To whom it may concern,

TARONGA ZOO (UPPER AUSTRALIA PRECINCT) - ABORIGINAL CULTURAL HERITAGE ASSESSMENT – ABORIGINAL COMMUNITY CONSULTATION STAGE 1

Urbis has been commissioned by Taronga Conservation Society Australia (the proponent) to conduct an Aboriginal Cultural Heritage Assessment (ACHA) for a portion of Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred to as the subject area) (see attached figures).

Urbis is preparing an ACHA to accompany the State Significant Development Application (SSDA) for the subject area which will redevelop the "Upper Australia Precinct" of Taronga Zoo in the suburb of Mosman. Secretary's Environmental Assessment Requirements (SEARs) have been requested from the Department of Planning, Industry and Environment (DPIE) but have yet to be received. This ACHA is prepared in anticipation of the SEARs requirements.

The ACHA is to be carried out in accordance with relevant guidelines under *the National Parks and Wildlife Act 1974* (NPW Act), including *the Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH 2011). The assessment would detail any potential Aboriginal cultural heritage resources within the subject area and provide recommendations regarding management of those resources.

The proponent can be contacted via:

Kristine Marshall
Senior Project Manager
Taronga Conservation Society Australia
Taronga Zoo
Bradleys Head Road
Mosman, NSW 2088

[REDACTED]
[REDACTED]
[REDACTED]

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents (DEECW 2010)* (the Consultation Requirements) and Clause 80C of the NSW National Parks and Wildlife Regulation 2009, the Proponent will conduct a community consultation process with registered Aboriginal people to assist with the preparation of the ACHA to inform the EIS and comply with the SEARs including:

- Identifying and describing the Aboriginal cultural heritage values that exist across the subject area in accordance with the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011) and *Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW OEH* (2010), and documenting these in an Aboriginal Cultural Heritage Assessment Report (ACHAR) which may include the need for surface survey and test excavation.
- Undertaking consultation with Aboriginal people and document in accordance with the Consultation Requirements;
- The preparation of the ACHAR to support the SSDA, demonstrating attempts to avoid any impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the ACHAR must outline measures proposed to mitigate impacts; and
- Recording of any Aboriginal objects in line with the requirements of the OEH's Aboriginal Heritage Information Management System (AHIMS) that may be identified within the subject area.

In accordance with Section 4.1.2 of the Consultation Requirements, Urbis proposes to compile a list of Aboriginal people and organisations who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places that may exist within the subject area.

Should you be aware of any Aboriginal persons and/or organisations that may hold an interest in the project, please provide their details at your earliest convenience and preferably by **11th May 2020** in writing to:

Aaron Olsen
Assistant Archaeologist
Urbis
Level 8 123 Pitt Street,
Sydney, NSW, 2000
E: aolsen@urbis.com.au

Urbis on behalf of the proponent will write to each Aboriginal person or group whose details are provided to notify them of the proposed project and invite them to register an interest in the community consultation process.

Please be advised that, as per the Consultation Requirements, the proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and DPIE unless the person or group specifies that they do not want their details released.



Please do not hesitate to contact Urbis should you have any queries in relation to the provided information.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Andrew Crisp". The signature is fluid and cursive, with a horizontal line drawn underneath it.

Andrew Crisp
Senior Consultant
+61 2 8233 7642
acrisp@urbis.com.au

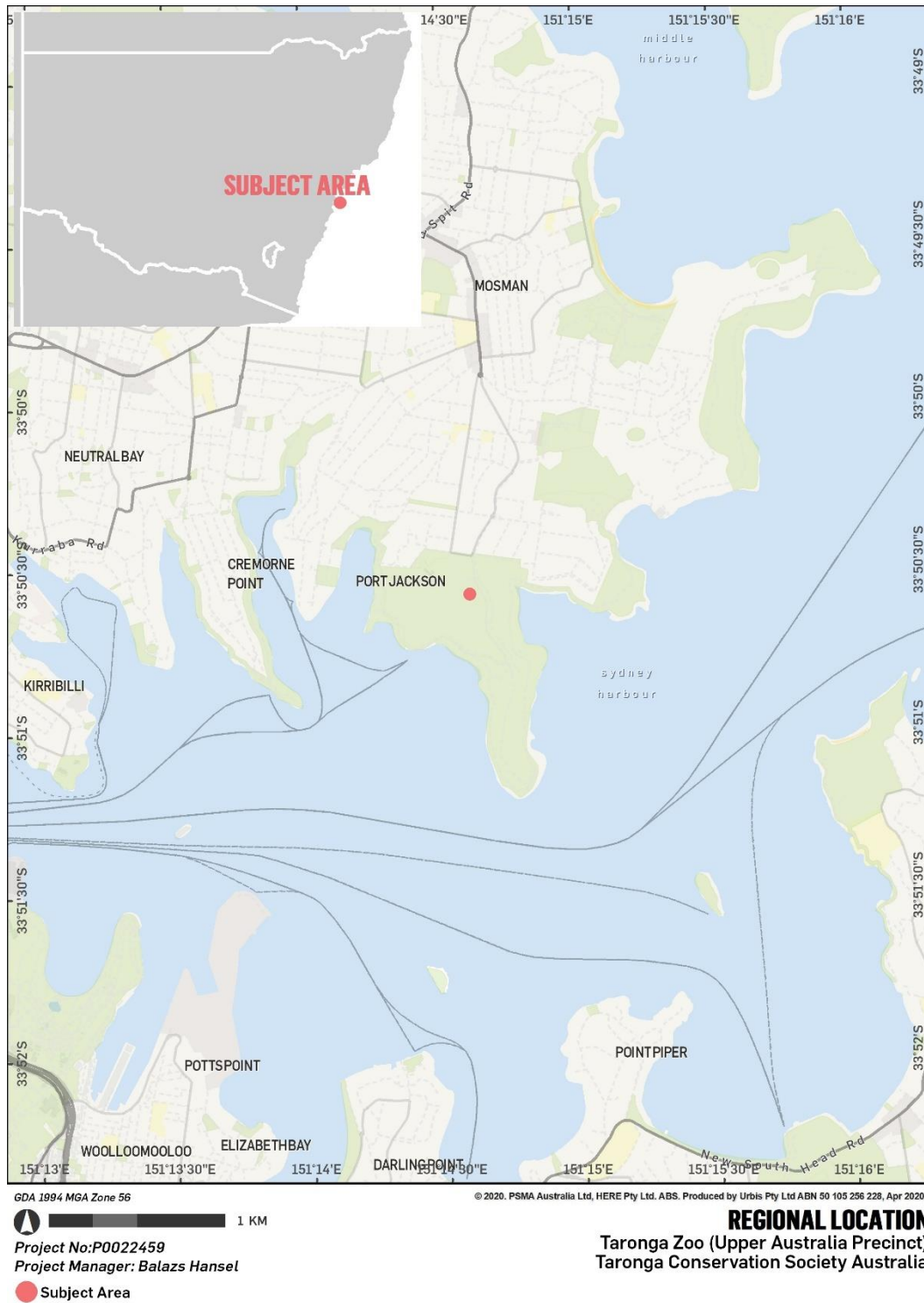
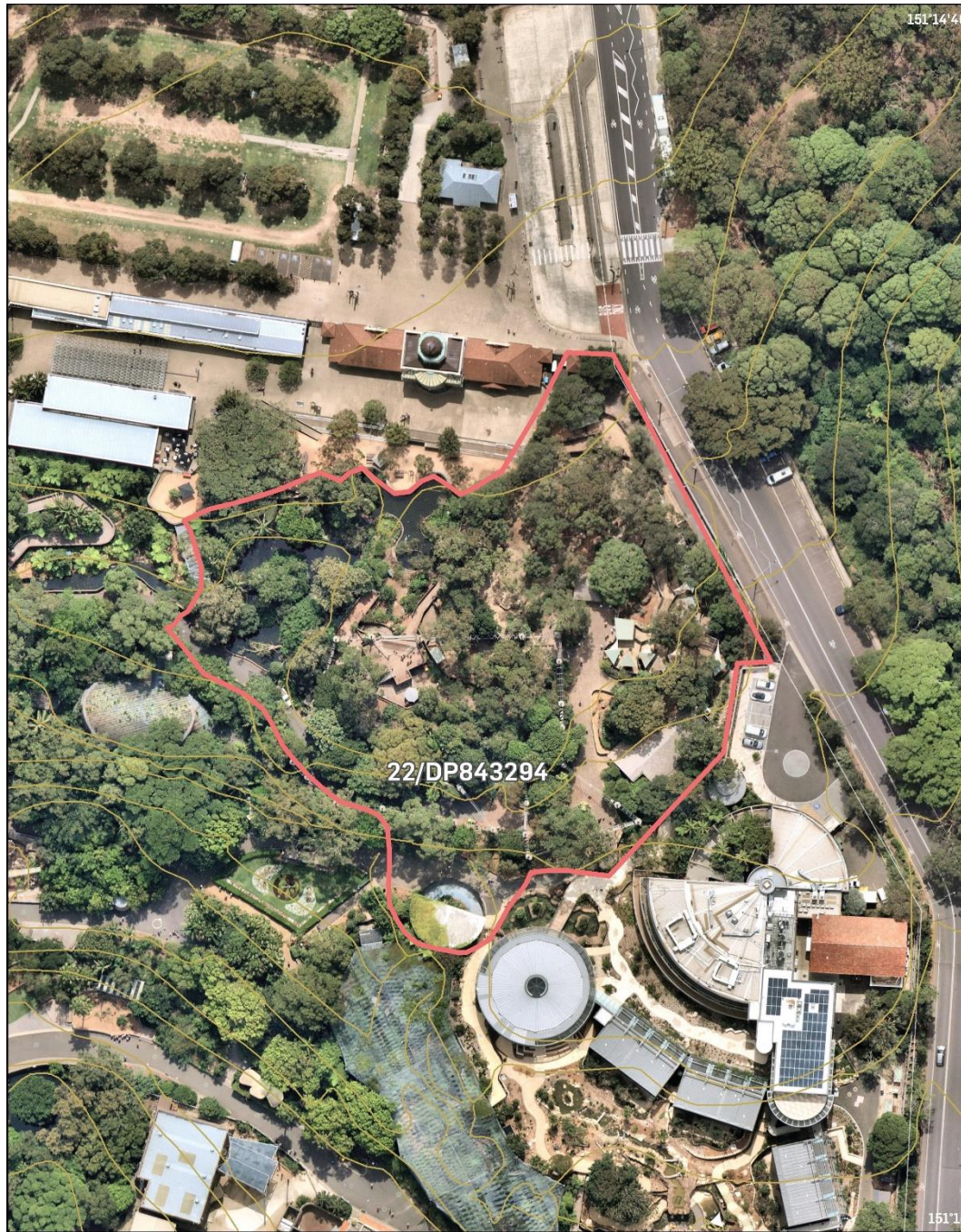


Figure 1 – Regional location of the subject area



GDA 1994 MGA Zone 56

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Project No:P0022459

Project Manager: Balazs Hansel

Subject Area — Contours — Hydrology

LOCATION OF THE SUBJECT AREA
Taronga Zoo (Upper Australia Precinct)
Taronga Conservation Society Australia

Figure 2 – Location of the subject area

Aaron Olsen

From: Meggan Walker
Sent: Thursday, 7 May 2020 11:07 AM
To: OEH ROD GSB Aboriginal Cultural Heritage Mailbox
Cc: Balazs Hansel; Andrew Crisp; Aaron Olsen; Alexandra Ribeny
Subject: RE: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

To whom it may concern,

We were hoping to politely follow up on the below request for any information regarding potential Aboriginal stakeholders for our project at Taronga Zoo.

If you could please provide the list of potential stakeholders as soon as is convenient it will allow us to progress this project in a timely manner.

Kind regards,

MEGGAN WALKER
CONSULTANT

D +61 2 8233 7626
T +61 2 8233 9900
E mwalker@urbis.com.au

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COMMUNITIES**



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From: Andrew Crisp <acrisp@urbis.com.au>
Sent: Thursday, 7 May 2020 10:53 AM
To: Meggan Walker <mwalker@urbis.com.au>
Subject: FW: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

From: Alexandra Ribeny <aribeny@urbis.com.au>
Sent: Monday, 27 April 2020 4:56 PM
To: gs.ach@environment.nsw.gov.au
Cc: Balazs Hansel <bhansel@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>
Subject: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Dear All,

Please see the attached Stage 1 notice for our project at the Taronga Zoo (Upper Australia Precinct) located at Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW.

This is also included in plain text below.

Please don't hesitate to contact us should you have any questions.

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The proponent can be contacted via:

Kristine Marshall

Senior Project Manager

Taronga Conservation Society Australia

Taronga Zoo

Bradleys Head Road

Mosman, NSW 2088



In accordance with the *Aboriginal cultural heritage consultation requirements for proponents (DEECW 2010)* (the Consultation Requirements) and Clause 80C of the NSW National Parks and Wildlife Regulation 2009, the Proponent will conduct a community consultation process with registered Aboriginal people to assist with the preparation of the ACHA to inform the EIS and comply with the SEARs including:

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Should you be aware of any Aboriginal persons and/or organisations that may hold an interest in the project, please provide their details at your earliest convenience and preferably by **11th May 2020** in writing to:

Aaron Olsen
Assistant Archaeologist
Urbis
Level 8 123 Pitt Street,
Sydney, NSW, 2000

E: aolsen@urbis.com.au

Urbis on behalf of the proponent will write to each Aboriginal person or group whose details are provided to notify them of the proposed project and invite them to register an interest in the community consultation process.

Please be advised that, as per the Consultation Requirements, the proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and DPIE unless the person or group specifies that they do not want their details released.

Yours sincerely,

ALEXANDRA RIBENY
CONSULTANT

D +61 2 8424 5118
T +61 2 8233 9900
E aribeny@urbis.com.au

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SYDNEY, NSW 2000, AUSTRALIA

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Aaron Olsen

From: Meggan Walker
Sent: Thursday, 7 May 2020 11:38 AM
To: gs.service@lls.nsw.gov.au
Cc: Aaron Olsen; Andrew Crisp; Balazs Hansel; Alexandra Ribeny
Subject: RE: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Hello all,

We were hoping to politely follow up on the below request for any information regarding potential Aboriginal stakeholders for our project at Taronga Zoo.

If you do not have any information regarding potential Aboriginal stakeholders, could you please confirm that in a response email.

Kind regards,

MEGGAN WALKER
CONSULTANT

D +61 2 8233 7626
T +61 2 8233 9900
E mwalker@urbis.com.au

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From: Alexandra Ribeny <aribeny@urbis.com.au>
Sent: Monday, 27 April 2020 4:58 PM
To: gs.service@lls.nsw.gov.au
Cc: Balazs Hansel <bhansel@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>
Subject: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Dear All,

Please see the attached Stage 1 notice for our project at the Taronga Zoo (Upper Australia Precinct) located at Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW.

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Kristine Marshall
Senior Project Manager
Taronga Conservation Society Australia
Taronga Zoo
Bradleys Head Road
Mosman, NSW 2088



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Aaron Olsen
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Level 8 123 Pitt Street,
Sydney, NSW, 2000

E: aolsen@urbis.com.au

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Yours sincerely,

ALEXANDRA RIBENY
CONSULTANT

D +61 2 8424 5118
T +61 2 8233 9900
E aribeny@urbis.com.au

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Aaron Olsen

From: Meggan Walker
Sent: Thursday, 7 May 2020 11:11 AM
To: Office Admin MLALC; Cultural Heritage
Cc: Balazs Hansel; Andrew Crisp; Aaron Olsen; Alexandra Ribeny
Subject: RE: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment
Attachments: P0022459_Stage 1.2_MLALC_20200427.pdf

To whom it may concern,

Please see attached information regarding our project at the Upper Australia Precinct within Taronga Zoo. Please let us know if you have any alternate contact details or any suggestions on individuals or groups who might be interested in registering for this project.

Kind regards,

MEGGAN WALKER
CONSULTANT

D +61 2 8233 7626
T +61 2 8233 9900
E mwalker@urbis.com.au

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From: Alexandra Ribeny <aribeny@urbis.com.au>
Sent: Monday, 27 April 2020 5:01 PM
To: metrolalc@metrolalc.org.au
Cc: Balazs Hansel <bhansel@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>
Subject: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Dear All,

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Taronga Conservation Society Australia
Taronga Zoo
Bradleys Head Road
Mosman, NSW 2088



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E: aolsen@urbis.com.au

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ALEXANDRA RIBENY
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From: Meggan Walker
Sent: Thursday, 7 May 2020 11:00 AM
To: council@mosman.nsw.gov.au
Cc: Balazs Hansel; Aaron Olsen; Alexandra Ribeny
Subject: RE: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

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From: Alexandra Ribeny <aribeny@urbis.com.au>
Sent: Monday, 27 April 2020 5:04 PM
To: council@mosman.nsw.gov.au
Cc: Balazs Hansel <bhansel@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>
Subject: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

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Kristine Marshall


Senior Project Manager

Taronga Conservation Society Australia

Taronga Zoo

Bradleys Head Road

Mosman, NSW 2088



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- Recording of any Aboriginal objects in line with the requirements of the OEH's Aboriginal Heritage Information Management System (AHIMS) that may be identified within the subject area.

In accordance with Section 4.1.2 of the Consultation Requirements, Urbis proposes to compile a list of Aboriginal people and organisations who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places that may exist within the subject area.

Should you be aware of any Aboriginal persons and/or organisations that may hold an interest in the project, please provide their details at your earliest convenience and preferably by **11th May 2020** in writing to:

Aaron Olsen
Assistant Archaeologist
Urbis
Level 8 123 Pitt Street,
Sydney, NSW, 2000

E: aolsen@urbis.com.au

Urbis on behalf of the proponent will write to each Aboriginal person or group whose details are provided to notify them of the proposed project and invite them to register an interest in the community consultation process.

Please be advised that, as per the Consultation Requirements, the proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and DPIE unless the person or group specifies that they do not want their details released.

Yours sincerely,

ALEXANDRA RIBENY
CONSULTANT

D +61 2 8424 5118
T +61 2 8233 9900
E aribeny@urbis.com.au

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Aaron Olsen

From: Meggan Walker
Sent: Thursday, 7 May 2020 11:01 AM
To: information@ntscorp.com.au
Cc: Balazs Hansel; Andrew Crisp; Aaron Olsen; Alexandra Ribeny
Subject: RE: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment
Attachments: P0022459_Stage 1.2_NTSCORP_20200427.pdf

Hello all,

We were hoping to politely follow up on the below request for any information regarding potential Aboriginal stakeholders for our project at Taronga Zoo.

If you do not have any information regarding potential Aboriginal stakeholders, could you please confirm that in a response email.

Kind regards,

MEGGAN WALKER
CONSULTANT

D +61 2 8233 7626
T +61 2 8233 9900
E mwalker@urbis.com.au

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From: Alexandra Ribeny <aribeny@urbis.com.au>
Sent: Monday, 27 April 2020 5:07 PM
To: information@ntscorp.com.au
Cc: Balazs Hansel <bhansel@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>
Subject: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Dear All,

Please see the attached Stage 1 notice for our project at the Taronga Zoo (Upper Australia Precinct) located at Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW.

This is also included in plain text below.

Please don't hesitate to contact us should you have any questions.

TARONGA ZOO (UPPER AUSTRALIA PRECINCT) - ABORIGINAL CULTURAL HERITAGE ASSESSMENT – ABORIGINAL COMMUNITY CONSULTATION STAGE 1

Urbis has been commissioned by Taronga Conservation Society Australia (the proponent) to conduct an Aboriginal Cultural Heritage Assessment (ACHA) for a portion of Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred to as the subject area) (see attached figures).

Urbis is preparing an ACHA to accompany the State Significant Development Application (SSDA) for the subject area which will redevelop the “Upper Australia Precinct” of Taronga Zoo in the suburb of Mosman. Secretary’s Environmental Assessment Requirements (SEARs) have been requested from the Department of Planning, Industry and Environment (DPIE) but have yet to be received. This ACHA is prepared in anticipation of the SEARs requirements.

The ACHA is to be carried out in accordance with relevant guidelines under *the National Parks and Wildlife Act 1974* (NPW Act), including *the Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH 2011). The assessment would detail any potential Aboriginal cultural heritage resources within the subject area and provide recommendations regarding management of those resources.

The proponent can be contacted via:

Kristine Marshall
Senior Project Manager
Taronga Conservation Society Australia
Taronga Zoo
Bradleys Head Road
Mosman, NSW 2088



In accordance with the *Aboriginal cultural heritage consultation requirements for proponents (DEECW 2010)* (the Consultation Requirements) and Clause 80C of the NSW National Parks and Wildlife Regulation 2009, the Proponent will conduct a community consultation process with registered Aboriginal people to assist with the preparation of the ACHA to inform the EIS and comply with the SEARs including:

- Identifying and describing the Aboriginal cultural heritage values that exist across the subject area in accordance with the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011) and *Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW OEH* (2010), and documenting these in an Aboriginal Cultural Heritage Assessment Report (ACHAR) which may include the need for surface survey and test excavation.
- Undertaking consultation with Aboriginal people and document in accordance with the Consultation Requirements;
- The preparation of the ACHAR to support the SSDA, demonstrating attempts to avoid any impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the ACHAR must outline measures proposed to mitigate impacts; and
- Recording of any Aboriginal objects in line with the requirements of the OEH's Aboriginal Heritage Information Management System (AHIMS) that may be identified within the subject area.

In accordance with Section 4.1.2 of the Consultation Requirements, Urbis proposes to compile a list of Aboriginal people and organisations who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places that may exist within the subject area.

Should you be aware of any Aboriginal persons and/or organisations that may hold an interest in the project, please provide their details at your earliest convenience and preferably by **11th May 2020** in writing to:

Aaron Olsen
Assistant Archaeologist
Urbis
Level 8 123 Pitt Street,
Sydney, NSW, 2000

E: aolsen@urbis.com.au

Urbis on behalf of the proponent will write to each Aboriginal person or group whose details are provided to notify them of the proposed project and invite them to register an interest in the community consultation process.

Please be advised that, as per the Consultation Requirements, the proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and DPIE unless the person or group specifies that they do not want their details released.

Yours sincerely,

ALEXANDRA RIBENY
CONSULTANT

D +61 2 8424 5118
T +61 2 8233 9900
E aribeny@urbis.com.au

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Aaron Olsen

From: Meggan Walker
Sent: Thursday, 7 May 2020 11:08 AM
To: Office of the REgstrar Aboriginal Land Rights Act 1983 NSW
(adminofficer@oralra.nsw.gov.au)
Cc: Andrew Crisp; Aaron Olsen; Alexandra Ribeny; Balazs Hansel
Subject: RE: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment
Attachments: P0022459_Stage 1.2_ORALRA_20200427.pdf

To whom it may concern,

We were hoping to politely follow up on the below request for any information regarding potential Aboriginal stakeholders for our project at Taronga Zoo.

If you do not have any information regarding potential Aboriginal stakeholders, could you please confirm that in a response email.

Kind regards,

MEGGAN WALKER
CONSULTANT

D +61 2 8233 7626
T +61 2 8233 9900
E mwalker@urbis.com.au

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From: Alexandra Ribeny <aribeny@urbis.com.au>
Sent: Monday, 27 April 2020 5:09 PM
To: adminofficer@oralra.nsw.gov.au
Cc: Balazs Hansel <bhansel@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>
Subject: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Dear All,

Please see the attached Stage 1 notice for our project at the Taronga Zoo (Upper Australia Precinct) located at Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW.

This is also included in plain text below.

Please don't hesitate to contact us should you have any questions.

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The proponent can be contacted via:

Kristine Marshall


Senior Project Manager

Taronga Conservation Society Australia

Taronga Zoo

Bradleys Head Road

Mosman, NSW 2088



In accordance with the *Aboriginal cultural heritage consultation requirements for proponents (DEECW 2010)* (the Consultation Requirements) and Clause 80C of the NSW National Parks and Wildlife Regulation 2009, the Proponent will conduct a community consultation process with registered Aboriginal people to assist with the preparation of the ACHA to inform the EIS and comply with the SEARs including:

- Identifying and describing the Aboriginal cultural heritage values that exist across the subject area in accordance with the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011) and *Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW OEH* (2010), and documenting these in an Aboriginal Cultural Heritage Assessment Report (ACHAR) which may include the need for surface survey and test excavation.
- Undertaking consultation with Aboriginal people and document in accordance with the Consultation Requirements;
- The preparation of the ACHAR to support the SSDA, demonstrating attempts to avoid any impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the ACHAR must outline measures proposed to mitigate impacts; and
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In accordance with Section 4.1.2 of the Consultation Requirements, Urbis proposes to compile a list of Aboriginal people and organisations who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places that may exist within the subject area.

Should you be aware of any Aboriginal persons and/or organisations that may hold an interest in the project, please provide their details at your earliest convenience and preferably by **11th May 2020** in writing to:

Aaron Olsen
Assistant Archaeologist
Urbis
Level 8 123 Pitt Street,
Sydney, NSW, 2000

E: aolsen@urbis.com.au

Urbis on behalf of the proponent will write to each Aboriginal person or group whose details are provided to notify them of the proposed project and invite them to register an interest in the community consultation process.

Please be advised that, as per the Consultation Requirements, the proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and DPIE unless the person or group specifies that they do not want their details released.

Yours sincerely,

ALEXANDRA RIBENY
CONSULTANT

D +61 2 8424 5118
T +61 2 8233 9900
E aribeny@urbis.com.au

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STAGE 1.2 – AGENCY RESPONSES

Meggan Walker

From: Geospatial Search Requests <GeospatialSearch@NNTT.gov.au>
Sent: Friday, 17 April 2020 2:13 PM
To: Aaron Olsen
Cc: Meggan Walker; Andrew Crisp
Subject: RE: SR20/312 - Search Request for Lot 22, DP 843294 (Our Ref: P0022665) - SR20/312

Follow Up Flag: Follow up
Flag Status: Completed

UNCLASSIFIED

Native title search – NSW Parcel – Lot 22 846294

Your ref: P0022459- Our ref: SR20/312

Dear Aaron Olsen,

Thank you for your search request received on 16 April 2020 in relation to the above area.

Please note: Records held by the National Native Title Tribunal as at 17 April 2020 indicate that the identified parcel appears to be freehold, and freehold tenure extinguishes native title.

The National Native Title Tribunal does not hold data sets for freehold tenure; consequently, we **cannot** conduct searches over freehold. For confirmation of freehold data, please contact the NSW Land and Property Information office or seek independent legal advice.

For further information, please visit our [website](#).

If you have any further queries, please do not hesitate to contact us on the free call number 1800 640 501.

Regards,

Geospatial Searches

National Native Title Tribunal | Perth

Email: GeospatialSearch@nntt.gov.au | www.nntt.gov.au

From: Aaron Olsen <aolsen@urbis.com.au>
Sent: Thursday, 16 April 2020 8:40 AM
To: Geospatial Search Requests <GeospatialSearch@NNTT.gov.au>
Cc: Meggan Walker <mwalker@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>
Subject: SR20/312 - Search Request for Lot 22, DP 843294 (Our Ref: P0022665)

Caution: This is an external email. DO NOT click links or open attachments unless you recognise the sender and know the content is safe.

Good morning

Please find attached a search request for the Native Title Tribunal for Lot 22 DP 843294.

If you have any questions or need any further information, please let me know.

Kind regards

AARON OLSEN
HERITAGE ASSISTANT

D +61 2 8233 9957
T +61 2 8233 9900
E aolsen@urbis.com.au

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From: [Barry Gunther](#)
To: [Aaron Olsen](#)
Subject: DPIE Aboriginal Stakeholder List for Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW
Date: Friday, 8 May 2020 8:59:58 AM
Attachments: [P0022459 Stage 1.2 DPIE D001 20200427.pdf](#)
[SSD Planning and Environment Letter Taronga Zoo Bradleys Head Road Mosman Lot 22 DP 843294 NSW .doc](#)
[GSB Stakeholder list - updated 4 May 2020.docx](#)

Hi Aaron,

Please find attached the DPIE Aboriginal Stakeholder List for Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW.

If you wish to discuss this matter please contact me on the details below.

regards

Barry Gunther

Aboriginal Heritage Planning Officer

Climate Change & Sustainability | Department of Planning, Industry and Environment



Level 10, 4 Parramatta Square, 12 Darcy St, Parramatta NSW 2150 | Locked Bag 5022

www.dpie.nsw.gov.au

-

The Greater Sydney ACH Team has a group email address: gs.ach@environment.nsw.gov.au. Please address all further email correspondence in relation to Aboriginal cultural heritage regulation matters in the Greater Sydney region to this address. If appropriate, emails can be marked to the attention of your usual contact in the Team



Planning,
Industry &
Environment

The Department of Planning, Industry and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.

This email is intended for the addressee(s) named and may contain confidential and/or privileged information.

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Any views expressed in this email are those of the individual sender except where the sender expressly and with authority states them to be the views of the NSW Office of Environment and Heritage.

PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL



Our reference: Doc20/347228

Aaron Olsen
Assistant Archaeologist
Urbis
Level 8 123 Pitt Street
Sydney, NSW, 2000.

Dear Aaron,

Thank you for your letter dated 27 April 2020 to the Department of Planning Industry and Environment (the Department) regarding obtaining a list of the Aboriginal stakeholders that may have an interest in the proposed development at Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW .

Please find attached the list of Aboriginal stakeholders known to the Department that may have an interest in the project.

As the Planning and Assessment Group in the Department is the approval authority for this project, the consultation process should be in accordance with the relevant guidelines as stipulated by the Group.

If you wish to discuss any of the above matter further, please email gs.ach@environment.nsw.gov.au.

Yours sincerely

A handwritten signature in black ink that reads 'S. Harrison'.

07/05/20

Susan Harrison
Senior Team Leader Planning
Greater Sydney Branch
Environment, Energy and Science

LIST OF ABORIGINAL STAKEHOLDERS FOR THE GREATER SYDNEY BRANCH HELD BY OEH FOR THE PURPOSES OF THE ABORIGINAL CULTURAL HERITAGE CONSULTATION REQUIREMENTS FOR PROPONENTS 2010

These lists are provided to proponents in accordance with section 4.1.2 of the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (the “Consultation Requirements”) which commenced on 12 April 2010.

The consultation process involves getting the views of, and information from, Aboriginal people and reporting on these. It is not to be confused with other field assessment processes involved in preparing a proposal and an application. Consultation does not include the employment of Aboriginal people to assist in field assessment and/or site monitoring. Aboriginal people may provide services to proponents through a contractual arrangement however, this is separate from consultation. The proponent is not obliged to employ those Aboriginal people registered for consultation. Consultation as per these requirements will continue irrespective of potential or actual employment opportunities for Aboriginal people.

A copy of the Consultation Requirements can be found on the OEH website at: <http://www.environment.nsw.gov.au/resources/cultureheritage/commconsultation/09781ACHconsultreq.pdf>.

Under the Consultation Requirements; a proponent is required to provide Aboriginal people who hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places as relevant to the proposed project area, with an opportunity to be involved in consultation. Section 3.3.1 of the Consultation Requirements states that Aboriginal people who can provide this information are, based on Aboriginal lore and custom, the traditional owners or custodians of the land that is the subject of the proposed project.

The Consultation Requirements also state that:

Traditional owners or custodians with appropriate cultural heritage knowledge to inform decision making who seek to register their interest as an Aboriginal party are those people who:

- *continue to maintain a deep respect for their ancestral belief system, traditional lore and custom*
- *recognise their responsibilities and obligations to protect and conserve their culture and heritage and care for their traditional lands or Country*
- *have the trust of their community, knowledge and understanding of their culture, and permission to speak about it.*

Please note: the placement of an organisation's name on any OEH Aboriginal stakeholder list for the Consultation Requirements does not override a proponent's requirement to also advertise in the local newspaper and to seek from other sources the names of any other Aboriginal people who may hold cultural knowledge as required under clause 80C of the National Parks and Wildlife Regulation 2009.

How to use this list

1. **Determine which Local Government Area/s (LGA/s) your project area falls into**
2. **Identify which organisations and individuals on the list have an interest in the LGA/s relevant to your project – identified in column 6 of the list**
3. **Contact the organisations/individuals who have indicated an interest in the relevant LGA/s and invite them to register an interest in your project**

Do not reproduce the attached list in publicly available reports and other documents. Your report should only contain the names of the organisations and individuals who you have invited to register an interest in your project and those who have registered as stakeholders for your project.

PLEASE NOTE: THE STAKEHOLDER LIST HAS NOT BEEN UPDATED TO INCLUDE THE RECENT COUNCIL MERGERS AND NAME CHANGES. PLEASE CONSIDER THE PRE-MERGER COUNCIL BOUNDARIES WHEN DETERMINING WHO SHOULD BE INVITED TO REGISTER FOR YOUR PROJECT.

Last updated 4 May 2020

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
Deerubbin Local Aboriginal Land Council	Kevin Cavanagh				Hawkesbury Blacktown Penrith Fairfield	Holroyd Blue Mountains The Hills Shire Parramatta
Tharawal Local Aboriginal Land Council	Robyn Straub (CEO)				Camden Campbelltown Wollondilly	Sutherland Liverpool
Metropolitan Local Aboriginal Land Council	Nathan Moran				The Hills Shire Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Burwood Ashfield Auburn Canada Bay Hawkesbury	Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby
Gandangara Local Aboriginal Land Council	Melissa Williams CEO				Liverpool Fairfield Holroyd Parramatta	Auburn Bankstown Sutherland
La Perouse Local Aboriginal Land Council	Chris Ingrey				Sutherland Randwick Botany Bay Waverly	Woollahra Sydney Rockdale
Parramatta City Council Aboriginal Advisory Committee	Parramatta City Council				Parramatta	
Holroyd City Council Advisory Committee	Holroyd City Council				Holroyd	
Darug Custodian Aboriginal Corporation	Justine Coplin				Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains	Camden Campbelltown The Hills Shire Liverpool Parramatta

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
Darug Tribal Aboriginal Corporation	Not provided				Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains	Camden Campbelltown The Hills Shire Liverpool Parramatta
Darug Aboriginal Cultural Heritage Assessments	Gordon Morton				Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains Camden Campbelltown The Hills Shire Liverpool Parramatta Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown	Strathfield Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby
Darug Land Observations	Jamie Workman and Anna Workman				Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Hawkesbury The Hills Holroyd Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
Darug Aboriginal Land Care	Mark Dyer				Hawkesbury Blacktown Penrith Fairfield Holroyd	Camden Campbelltown The Hills Shire Liverpool Parramatta
Ken Foster					Sutherland	
La Perouse Botany Bay Corporation	Yvonne Simms				Sutherland	
Norma Simms					Sutherland	
Matthew and Andrew Coe					Sutherland	
Gundungurra Aboriginal Heritage Association Inc	Merle Williams				Blue Mountains	
Gundungurra Tribal Council Aboriginal Corporation	Sharon Brown				Blue Mountains	
Trevor Robinson					Blue Mountains	
Tania Matthews					Blue Mountains	
A1 Indigenous Services	Carolyn Hickey				Blue Mountains Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Hawkesbury The Hills Holroyd Hornsby Hunter's Hill	Carolyn is Wonnarua

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information		
					Hurstville Kogarah Ku-ring-gai Lane Cove Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly			
Cubbitch Barta	Glenda Chalker				Camden Campbelltown	Liverpool Wollondilly		
	Rebecca Chalker							
Eric Keidge						The Hills Shire Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Burwood Ashfield Auburn Canada Bay	Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Gunjeewong Cultural Heritage Aboriginal Corporation	Cherie Carroll Turrise					Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta	Cherie is a Ngunnawal Elder however lived in the Western Sydney area during her childhood.

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
						She recognises she is not from the area but has associations
Corroboree Aboriginal Corporation	Marilyn Carroll-Johnson				Western Sydney Camden Hawkesbury Blacktown Penrith Fairfield	Campbelltown Parramatta Holroyd Camden
Murra Bidgee Mullangari Aboriginal Corporation	Darleen Johnson				Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta
Muragadi Heritage Indigenous Corporation	Jesse Johnson				Western Sydney Camden	Campbelltown Parramatta
Bidjawong Aboriginal Corporation	James Carroll				Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta
Kamilaroi Yankuntjatjara Working Group	Phil Khan				Blue Mountains Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Canberra Hawkesbury The Hills Holroyd Hornsby Hunter's Hill Hurstville	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Kogarah Ku-ring-gai Lane Cove Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly		
Wurrumay Pty Ltd	Kerrie Slater and Vicky Slater				Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains Sutherland Liverpool	Camden Campbelltown Parramatta Wollondilly The Hills Shire Auburn Bankstown	
Warragil Cultural Services	Aaron Slater (Manager)				Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Liverpool Parramatta	
Tocomwall	Scott Franks				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown The Hills Shire Liverpool	Strathfield Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown	Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby
D'harawal Mens Aboriginal Corporation	Elwyn Brown				Camden Campbelltown	Wollondilly
Amanda Hickey Cultural Services	Amanda Hickey				Blue Mountains Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Hawkesbury The Hills Holroyd Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove	Strathfield Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Liverpool Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Penrith Parramatta Marrickville Wollondilly
Widescope Indigenous Group	Steven Hickey and Donna Hickey				Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta Blue Mountains
Dhinawan Culture & Heritage Pty Ltd	Stephen Fields				Hawkesbury Blacktown Penrith Fairfield	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Cumberland Parramatta Hornsby The Hills Hornsby Ryde Auburn Blue Mountains Campbelltown Liverpool		
HSB Consultants	Patricia Hampton				Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
Rane Consulting	Tony Williams				Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
Anthony Williams					Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
Gunyuu	Kylie Ann Bell				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River.
Walbunja	Hika Te Kowhai				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Wollondilly	
Badu	Karia Lea Bond				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
Goobah Developments	Basil Smith				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
Wullung	Lee-Roy James Boota				Hawkesbury Blacktown Penrith	Burwood Ashfield Auburn	This group states that their boundaries (Murrin Peoples)

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	extend from the Hawkesbury River to the Snowy River
Yerramurra	Robert Parson				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
Nundagurri	Newton Carriage				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Marrickville Bankstown Strathfield	Warringah Willoughby	
Murrumbul	Mark Henry				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River.
Jerringong	Joanne Anne Stewart				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
Pemulwuy CHTS	Pemulwuy Johnson				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown The Hills Shire Liverpool	Strathfield Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown	Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Bilinga	Simalene Carriage				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River.
Munyunga	Kaya Dawn Bell				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River.
Wingikara	Hayley Bell				Hawkesbury Blacktown Penrith	Burwood Ashfield Auburn	This group states that their boundaries (Murrin Peoples)

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	extend from the Hawkesbury River to the Snowy River.
Minnamunnung	Aaron Broad				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Walgalu	Ronald Stewart				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Marrickville Bankstown Strathfield Randwick Woollahra	Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	
Thauaira	Shane Carriage				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
Dharug	Andrew Bond						

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Woollahra The Hills Waverly Wollondilly		
Gulaga	Wendy Smith				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
Biamanga	Seli Storer				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
Callendulla	Corey Smith				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
Murramarang	Roxanne Smith				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River
DJMD Consultancy	Darren Duncan				Hawkesbury Blacktown Penrith Parramatta	Ashfield Auburn Canada Bay Leichhardt	Darren is associated with Metro and Deerubbin LALCs

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Sydney Marrickville Strathfield Warringah Willoughby Blue Mountains Burwood The Hills Ryde	Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater	
Butucarbin Aboriginal Corporation	Jennifer Beale				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	Preferred contact via email
Didge Ngunawal Clan	Lillie Carroll Paul Boyd						

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					Canterbury Marrickville Bankstown Strathfield Randwick Woollahra Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	
Ginninderra Aboriginal Corporation	Steven Johnson and Krystle Carroll				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	
Garrara Aboriginal Corporation	Raymond Ingrey				Sutherland Liverpool Camden Campbelltown Wollondilly	
Duncan Falk Consultancy	Duncan Falk				Camden Campbelltown	
Sharon Hodgetts					Hawkesbury	
Wailwan Aboriginal Group	Philip Boney				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					Liverpool Lane Cove Parramatta Hunters Hill Sutherland Hornsby Sydney Ku-Ring-Gai Kogarah Pittwater Hurstville Botany Bay Rockdale Ryde Canterbury Warringah Marrickville Willoughby Bankstown Blue Strathfield Mountains Randwick Burwood Woollahra The Hills Waverly	
Guntawang Aboriginal Resources Incorporated	Wendy Morgan				Camden Campbelltown Liverpool Fairfield Holroyd Wollondilly Blue Mountains	
Barking Owl Aboriginal Corporation	Mrs Jody Kulakowski (Director)				Hawkesbury Ashfield Blacktown Auburn Penrith Canada Bay Fairfield Leichhardt Holroyd Manly Camden Mosman Campbelltown North Sydney Liverpool Lane Cove Parramatta Hunters Hill Sutherland Hornsby Sydney Ku-Ring-Gai Kogarah Pittwater Hurstville Botany Bay Rockdale Ryde Canterbury Warringah Marrickville Willoughby Bankstown Blue Strathfield Mountains Randwick Burwood Woollahra The Hills Waverly Wollondilly	
Yulay Cultural Services	Arika Jalomaki (Manager)				Deerubbin LALC	LGAs of interest not specified, rather, LALC boundaries

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					Tharawal LALC Gandagarra LALC	within which the organisation wish to be consulted
Thoorga Nura	John Carriage (Chief Executive Officer)				Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Hawkesbury The Hills Holroyd Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove	
					Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly	
Barraby Cultural Services	Lee Field (Manager)				Tharawal LALC Gandagarra LALC	LGAs of interest not specified, rather, LALC boundaries within which the organisation wish to be consulted
Yurrandaali Cultural Services	Bo Field (Manager)				Tharawal LALC Gandagarra LALC	LGAs of interest not specified, rather, LALC boundaries within which the organisation wish to be consulted
Darug Boorooberongal Elders Aboriginal Corporation	Paul Hand (chairpe rson)				Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information	
					Campbelltown Canada Bay Canterbury Fairfield Hawkesbury The Hills Holroyd Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove		
B.H. Heritage Consultants	Ralph Hampton Nola Hampton				Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	Nola and Ralph would BOTH like to be notified of all projects
Ngambaa Cultural Connections	Kaarina Slater						Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					Canterbury Fairfield Hawkesbury The Hills Holroyd Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove	
Goodradigbee Cultural & Heritage Aboriginal Corporation,	Caine Carroll				Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Hawkesbury The Hills Holroyd Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly
Mura Indigenous Corporation,	Phillip Carroll				Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					Hawkesbury The Hills Holroyd Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove	Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly
Aragung Aboriginal Cultural Heritage Site Assessments	Jamie Eastwood				Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Hawkesbury The Hills Holroyd Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly
Louise Adermann	Louise Adermann				Bayside Council. The Bayside Council area includes the suburbs of Arncliffe, Banksia, Banksmeadow , Bardwell Park, Bardwell Valley, Bexley, Bexley North, Botany, Brighton-Le- Sands, Carlton	.

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					(part), Daceyville, Dolls Point, Eastgardens, Eastlakes, Hillsdale, Kingsgrove (part), Kogarah (part), Kyeemagh, Mascot, Monterey, Pagewood, Ramsgate (part), Ramsgate Beach, Rockdale, Rosebery (part), Sandringham, Sans Souci (part), Turrella and Wolli Creek	
Paul Gale	Paul Gale				Blue Mountains Blacktown Hawkesbury	
Waawaar Awaa	Rodney Gunther				Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Hawkesbury	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield Sutherland

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					The Hills Holroyd Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove Sydney Warringah Waverley Willoughby Woollahra Wollondilly	
Clive Freeman	Clive Freeman				Blacktown, Penrith Fairfield Parramatta Blue Mountains Holroyd Bankstown Liverpool Camden Campbelltown Wollondilly Sutherland Kogarah Randwick Auburn Canada Bay Strathfield Sydney Woollahra Waverley Burwood Ashfield Leichhardt Marrickville	
Guringai Tribal Link Aboriginal Corporation	Tracey Howie				North Sydney Lane Cove Hornsby Ku-Ring-Gai Pittwater Hawkesbury	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
Galamaay Cultural Consultants (GCC)	Robert Slater					Penrith Fairfield Parramatta Holroyd Bankstown Liverpool Camden Campbelltown Wollondilly Sutherland Auburn

Meggan Walker

From: Nathan Moran [REDACTED]
Sent: Wednesday, 13 May 2020 8:22 AM
To: Aaron Olsen; Alexandra Ribeny
Cc: Meggan Walker; Cultural Heritage
Subject: Fwd: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment
Attachments: image001.gif; ATT00001.htm; image002.png; ATT00002.htm; image004.png; ATT00003.htm; image006.png; ATT00004.htm; image007.png; ATT00005.htm; image008.png; ATT00006.htm; image001.gif; ATT00007.htm; image009.png; ATT00008.htm; image010.png; ATT00009.htm; image011.png; ATT00010.htm; image013.png; ATT00011.htm; image015.png; ATT00012.htm; P0022459_Stage 1.2_MLALC_20200427.pdf; ATT00013.htm

Follow Up Flag: Follow up
Flag Status: Flagged

On behalf of Metropolitan Local Aboriginal Land Council (MLALC) the legislated representative body for all Aboriginal people of the area this project is occurring and body responsible for protection and preservation of Aboriginal Culture and Heritage MLALC wish to formally register as a party for the proposed Aboriginal Cultural Heritage Assessment at Taronga Zoo.

And affirm I have cc MLALC Culture Heritage Officer Selina Timothy whom is MLALC contact for this project.

Should you need and or require any additional information or clarification please advise.

Yours in Unity
Nathan Moran
CEO MLALC

Sent from my iPhone

Begin forwarded message:

From: Cultural Heritage [REDACTED]
Date: 12 May 2020 at 7:31:50 pm AEST
To: Nathan Moran [REDACTED]
Subject: Fwd: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Sent from my iPhone

Begin forwarded message:

From: Meggan Walker <mwalker@urbis.com.au>
Date: 7 May 2020 at 11:11:55 am AEST
To: Office Admin MLALC [REDACTED], Cultural Heritage [REDACTED]
Cc: Balazs Hansel <bhansel@urbis.com.au>, Andrew Crisp <acrisp@urbis.com.au>

Aaron Olsen <aolsen@urbis.com.au>, Alexandra Ribeny <aribeny@urbis.com.au>

**Subject: RE: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo -
Aboriginal Cultural Heritage Assessment**

To whom it may concern,

Please see attached information regarding our project at the Upper Australia Precinct within Taronga Zoo. Please let us know if you have any alternate contact details or any suggestions on individuals or groups who might be interested in registering for this project.

Kind regards,

MEGGAN WALKER
CONSULTANT

Meggan Walker

From: Steven Smith [REDACTED]
Sent: Thursday, 14 May 2020 8:43 AM
To: Meggan Walker
Subject: RE: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Megan,

I oversee Mosman LGA's aboriginal heritage study completed by the Australian Museum in 2000's. Not in the office at the moment and can't remember the year it was completed. It is a comprehensive study and identifies sites on the Zoo's foreshore land.

You can contact me if you need any further information.

Thanks,

Steve

Steven Smith
Manager Environment and Open Space
Mosman Municipal Council
[REDACTED]

Civic Centre, Mosman Square | Spit Junction NSW 2088
[REDACTED]



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From: Meggan Walker <mwalker@urbis.com.au>
Sent: Thursday, May 7, 2020 11:00 AM
To: Council <council@mosman.nsw.gov.au>
Cc: Balazs Hansel <bhansel@urbis.com.au>; Aaron Olsen <aolsen@urbis.com.au>; Alexandra Ribeny <aribeny@urbis.com.au>
Subject: RE: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Hello all,

We were hoping to politely follow up on the below request for any information regarding potential Aboriginal stakeholders for our project at Taronga Zoo.

If you do not have any information regarding potential Aboriginal stakeholders, could you please confirm that in a response email.

Kind regards,

MEGGAN WALKER
CONSULTANT

D +61 2 8233 7626
T +61 2 8233 9900
E mwalker@urbis.com.au

**SHAPING
CITIES AND
COMMUNITIES**



ANGEL PLACE, LEVEL 8, 123 PITT STREET
SYDNEY, NSW 2000, AUSTRALIA

Our highest priority is the health and wellbeing of our people, clients and community. [Click here to read Urbis' response to COVID-19.](#)

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From: Alexandra Ribeny <aribeny@urbis.com.au>
Sent: Monday, 27 April 2020 5:04 PM
To: council@mosman.nsw.gov.au
Cc: Balazs Hansel <bhansel@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>
Subject: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Dear All,

Please see the attached Stage 1 notice for our project at the Taronga Zoo (Upper Australia Precinct) located at Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW.
This is also included in plain text below.
Please don't hesitate to contact us should you have any questions.

TARONGA ZOO (UPPER AUSTRALIA PRECINCT) - ABORIGINAL CULTURAL HERITAGE ASSESSMENT – ABORIGINAL COMMUNITY CONSULTATION STAGE 1

Urbis has been commissioned by Taronga Conservation Society Australia (the proponent) to conduct an Aboriginal Cultural Heritage Assessment (ACHA) for a portion of Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred to as the subject area) (see attached figures).

Urbis is preparing an ACHA to accompany the State Significant Development Application (SSDA) for the subject area which will redevelop the "Upper Australia Precinct" of Taronga Zoo in the suburb of Mosman. Secretary's Environmental Assessment Requirements (SEARs) have been requested from the Department of Planning, Industry and Environment (DPIE) but have yet to be received. This ACHA is prepared in anticipation of the SEARs requirements.

The ACHA is to be carried out in accordance with relevant guidelines under *the National Parks and Wildlife Act 1974* (NPW Act), including *the Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH

2011). The assessment would detail any potential Aboriginal cultural heritage resources within the subject area and provide recommendations regarding management of those resources.

The proponent can be contacted via:

Kristine Marshall

Senior Project Manager

Taronga Conservation Society Australia

Taronga Zoo

Bradleys Head Road

Mosman, NSW 2088



In accordance with the *Aboriginal cultural heritage consultation requirements for proponents (DEECW 2010)* (the Consultation Requirements) and Clause 80C of the NSW National Parks and Wildlife Regulation 2009, the Proponent will conduct a community consultation process with registered Aboriginal people to assist with the preparation of the ACHA to inform the EIS and comply with the SEARs including:

- Identifying and describing the Aboriginal cultural heritage values that exist across the subject area in accordance with the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011) and *Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW* OEH (2010), and documenting these in an Aboriginal Cultural Heritage Assessment Report (ACHAR) which may include the need for surface survey and test excavation.
- Undertaking consultation with Aboriginal people and document in accordance with the Consultation Requirements;
- The preparation of the ACHAR to support the SSDA, demonstrating attempts to avoid any impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the ACHAR must outline measures proposed to mitigate impacts; and
- Recording of any Aboriginal objects in line with the requirements of the OEH's Aboriginal Heritage Information Management System (AHIMS) that may be identified within the subject area.

In accordance with Section 4.1.2 of the Consultation Requirements, Urbis proposes to compile a list of Aboriginal people and organisations who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places that may exist within the subject area.

Should you be aware of any Aboriginal persons and/or organisations that may hold an interest in the project, please provide their details at your earliest convenience and preferably by **11th May 2020** in writing to:

Aaron Olsen

Assistant Archaeologist

Urbis

Level 8 123 Pitt Street,
Sydney, NSW, 2000

E: aolsen@urbis.com.au

Urbis on behalf of the proponent will write to each Aboriginal person or group whose details are provided to notify them of the proposed project and invite them to register an interest in the community consultation process.

Please be advised that, as per the Consultation Requirements, the proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and DPIE unless the person or group specifies that they do not want their details released.

Yours sincerely,

ALEXANDRA RIBENY

CONSULTANT

D +61 2 8424 5118

T +61 2 8233 9900

E aribeny@urbis.com.au

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CITIES AND
COMMUNITIES**



ANGEL PLACE, LEVEL 8, 123 PITT STREET
SYDNEY, NSW 2000, AUSTRALIA

Our highest priority is the health and wellbeing of our people, clients and community. [Click here to read Urbis' response to COVID-19.](#)

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STAGE 1.3 – PUBLIC NOTICE

Invitation for Registrations of Interest – Aboriginal Cultural Heritage Assessment – Wyangala Dam Wall Raising Project, Cowra LGA, Bathurst LGA, Upper Lachlan LGA and Hilltops LGA

WaterNSW is proposing to raise the existing dam wall at Wyangala Dam, NSW. Stantec GHD Joint Venture (SGJV) has been engaged to undertake the environmental assessment of the resulting increase in inundation levels and the relocation of associated infrastructure (including access roads, intake towers and the spillway structure should they be impacted). The proponent is WaterNSW, and the project contact is: Alice Jarrett, Community Engagement Officer, E: wyangaladamproject@waterNSW.com.au T: 1300 662 077.

Registrations are invited from Aboriginal individuals and organisations who hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places in the area, and who wish to be involved in the consultation process. The consultation may be used to prepare an Aboriginal Heritage Impact Permit (AHIP), if required, and to assist the Department of Planning Industry and Environment in consideration and determination of the AHIP application.

Registrations of interest should be provided by no later than 3 June 2020 to Nicola Hayes (Principal Archaeologist), Navin Officer Heritage Consultants,

Number 4 Kingston Warehouse,
71 Leichhardt Street, Kingston ACT 2604,
E: nhayes@nohc.com.au

Notice of Aboriginal Consultation

Project name: Hexham Straight Upgrade
Location: Hexham NSW

Transport for NSW proposes to upgrade the Pacific Highway/Maitland Road (A43) between Sandgate and Hexham Bridge, in Hexham NSW. The section of road known as the 'Hexham Straight', extending approximately 6.2 km in length from Sandgate to the Hexham Bridge, would be widened from two lanes in each direction to three lanes in each direction.

Aboriginal organisations or Aboriginal persons who hold knowledge relevant to determining the cultural significance of Aboriginal objects and/or Aboriginal places in the area of the proposed project are invited to register an interest in a process of community consultation with the proponent.

The purpose of community consultation with Aboriginal people is to assist the proposed applicant in: 1) assessing the Aboriginal heritage values of the area, 2) preparing a Review of Environmental Factors under Division 5.1 of the *Environmental Planning and Assessment Act 1979*, and 3) to assist regulators in the assessment of Aboriginal heritage reports prepared for this project.

Registrations of interest must be submitted in writing on or before close of business 27 May 2020. Registrations should include the name of a contact person, address and other relevant contact details including an email address. The names of registered Aboriginal parties will be passed on to the relevant Local Aboriginal Land Council and the Office of Environment and Heritage unless a request to the contrary is made.

Send registrations of interest to:

Hexham Straight Upgrade
c/o EMM Consulting Pty Ltd
Attn: Morgan Wilcox
PO Box 506
Newcastle NSW 2300
Email: mwilcox@emmconsulting.com.au

Registration of interest does not guarantee paid involvement.

Proponent contact: Transport for NSW (hexhamstraight@transport.nsw.gov.au)



Taronga Zoo (Upper Australia Precinct)/Mosman NSW Aboriginal Cultural Heritage Assessment – Community Consultation Stage 1

Taronga Conservation Society Australia (the Proponent) are preparing a State Significant Development Application (SSDA) for Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred as the subject area) which will redevelop the "Upper Australia Precinct" of Taronga Zoo in the suburb of Mosman. Urbis is assisting the Proponent in undertaking an Aboriginal Cultural Heritage Assessment (ACHA) to accompany the SSDA.

The proponent can be contacted directly via:

Kristine Marshall
Senior Project Manager
Taronga Conservation Society Australia
kmarshall@zoo.nsw.gov.au

In accordance with Section 4.1.3 of the Aboriginal Cultural Heritage Consultation Requirements for Proponents (DECCW, 2010) and Clause 80C of the NSW National Parks and Wildlife Regulation 2009, the Proponent is seeking the registration of Aboriginal persons or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal object(s) and/or place(s) that may be present in the subject area.

The purpose of community consultation with Aboriginal people is to assist the Proponent in the preparation of the ACHA and the assessment of the cultural heritage significance of the subject area.

Please register your interest in writing to the contact details provided below by 5.00pm 3 June 2020

Meggan Walker
Heritage Consultant Urbis
mwalker@urbis.com.au
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please be advised that the Proponent is required to forward the names of Aboriginal persons and groups who register an interest to the Department of Planning and the Metropolitan Local Aboriginal Land Council; unless the person or group specifies that they do not want their details released.



Ivan Hood, from Gippsland and East Gippsland Aboriginal Co-Operative, and Max Solomon, from Gunaikurnai Land and Waters Aboriginal Corporation, place sand bags at Round Head in February.

Protection for Round Head sites



SAND bags, sand dredging and ongoing maintenance will be in place at Round Head to protect sites of cultural significance to the Gunaikurnai from coastal erosion.

The three-year Round Head Shoreline Erosion Management and Site Restoration Plan was funded by the Victorian Government to integrate traditional owner values and knowledge into managing sites of cultural significance.

Cultural sites at Round Head were surveyed by the Gunaikurnai Land and Waters Aboriginal Corporation (GLaWAC) cultural heritage team as the Registered Aboriginal Party. The analysis identified the significant sites at major risk from climate change and changed land use.

Cultural heritage values found at Round Head include middens in dune areas, artefact scatters, scarred trees and burial sites.

The Round Head site is owned by the Gippsland and East Gippsland Aboriginal Co-Operative (GEGAC).

GEGAC chief executive Jamie Williamson said they had been working with GLaWAC throughout the project to find the best ways to protect the vulnerable sites from coastal erosion.

"The relationship between GLaWAC and GEGAC in this significant cultural restoration work is essential to be able to preserve and pay respects to our ancestors and Gunaikurnai culture," he said.

"The full realisation of this project being undertaken in line with expert recommendations will not only allow for the strengthening of Gunaikurnai culture but will also provide another opportunity for the broader community to learn about Gippsland's vibrant Aboriginal history."

GLaWAC chief executive Roger Fenwick said protecting cultural heritage was a major priority for both organisations.

"Our cultural heritage sites in marine and coastal areas are extremely vulnerable to pressures from recreation, land use changes and climate change," Mr Fenwick said.

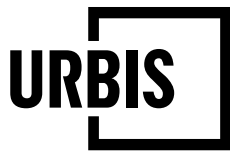
GLaWAC Round Head project manager Andy Booth said following the works to manage coastal water inundation, there would be significant replanting and fencing to help maintain the improvements.

"We will revegetate with more than 10,000 native plants to the site and use sand trap fencing to protect the site," Mr Booth said.

"The dynamic nature of sand dunes means they have a tendency to shift and erode due to wind and wave action. These works will help protect the sites against these changes."

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STAGE 1.3 – RAP NOTICES



**ANGEL PLACE
LEVEL 8, 123 PITT STREET
SYDNEY NSW 2000**

URBIS.COM.AU
Urbis Pty Ltd
ABN 50 105 256 228

19 May 2020

To whom it may concern ,

TARONGA ZOO (UPPER AUSTRALIA PRECINCT) - ABORIGINAL CULTURAL HERITAGE ASSESSMENT – ABORIGINAL COMMUNITY CONSULTATION STAGE 1 - INVITATION TO REGISTER

Please be advised that your contact details have been provided by the Department of Planning, Industry and Environment (DPIE) in accordance with Section 4.1.2 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW, 2010) (hereafter referred as the Consultation Requirements) as a potential Aboriginal stakeholder who may have interest in registering to the abovementioned project.

Urbis has been commissioned by Taronga Conservation Society Australia (the Proponent) to conduct an Aboriginal Cultural Heritage Assessment (ACHA) for Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred to as 'the subject area') (see attached figure).

Urbis is preparing an ACHA to accompany the State Significant Development Application (SSDA) for the subject area which will redevelop the "Upper Australia Precinct" of Taronga Zoo in the suburb of Mosman.

The ACHA is to be carried out in accordance with relevant guidelines under *the National Parks and Wildlife Act 1974* (NPW Act), including *the Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH 2011). The assessment would detail any potential Aboriginal cultural heritage resources within the subject area and provide recommendations regarding management of those resources.

The Proponent can be contacted via:

Kristine Marshall
Senior Project Manager
Taronga Conservation Society Australia



The ACHA will involve:

- Identifying and describing the Aboriginal cultural heritage values that exist across the subject area in accordance with the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011) and *Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW* OEH (2010), and documenting these in an Aboriginal Cultural Heritage Assessment Report (ACHAR) which may include the need for surface survey and test excavation;

- Undertaking consultation with Aboriginal people and document in accordance with *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW);
- The preparation of the ACHAR to support the SSDA, demonstrating attempts to avoid any impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the ACHAR must outline measures proposed to mitigate impacts; and
- Recording of any Aboriginal objects in line with the requirements of the OEH's Aboriginal Heritage Information Management System (AHIMS) that may be identified within the subject area.

In accordance with the Consultation Requirements and Clause 80C of the *NSW National Parks and Wildlife Regulation 2009*, the Proponent will conduct a community consultation process with registered Aboriginal people to assist with the preparation of the ACHA.

In accordance with Section 4.1.2 of the Consultation Requirements Urbis proposes to invite Aboriginal people and/or organisations who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places that may exist within the subject area.

Should you wish to register your interest in this project, please respond in writing by clearly stating your interest and nominating a contact person by **3rd June 2020**. Please send responses to the following:

Meggan Walker
Heritage Consultant
Urbis
mwalker@urbis.com.au
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please be advised that, as per the Consultation Requirements, the Proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and Department of Planning, Industry and Environment, unless the person or group specifies that they do not want their details released.

Please be advised that in accordance to Section 3.4 of the Consultation Requirements, inclusion in the consultation process does not automatically result in paid site assessment. The decision on who is engaged for delivering particular services is decided by the proponent and will be based on a range of considerations including skills, relevant experience, and providing necessary certificates of currency.

Please do not hesitate to contact us should you have any queries in relation to the provided information.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Andrew Crisp".

Andrew Crisp
Senior Consultant
+61 2 8233 7642
acrisp@urbis.com.au

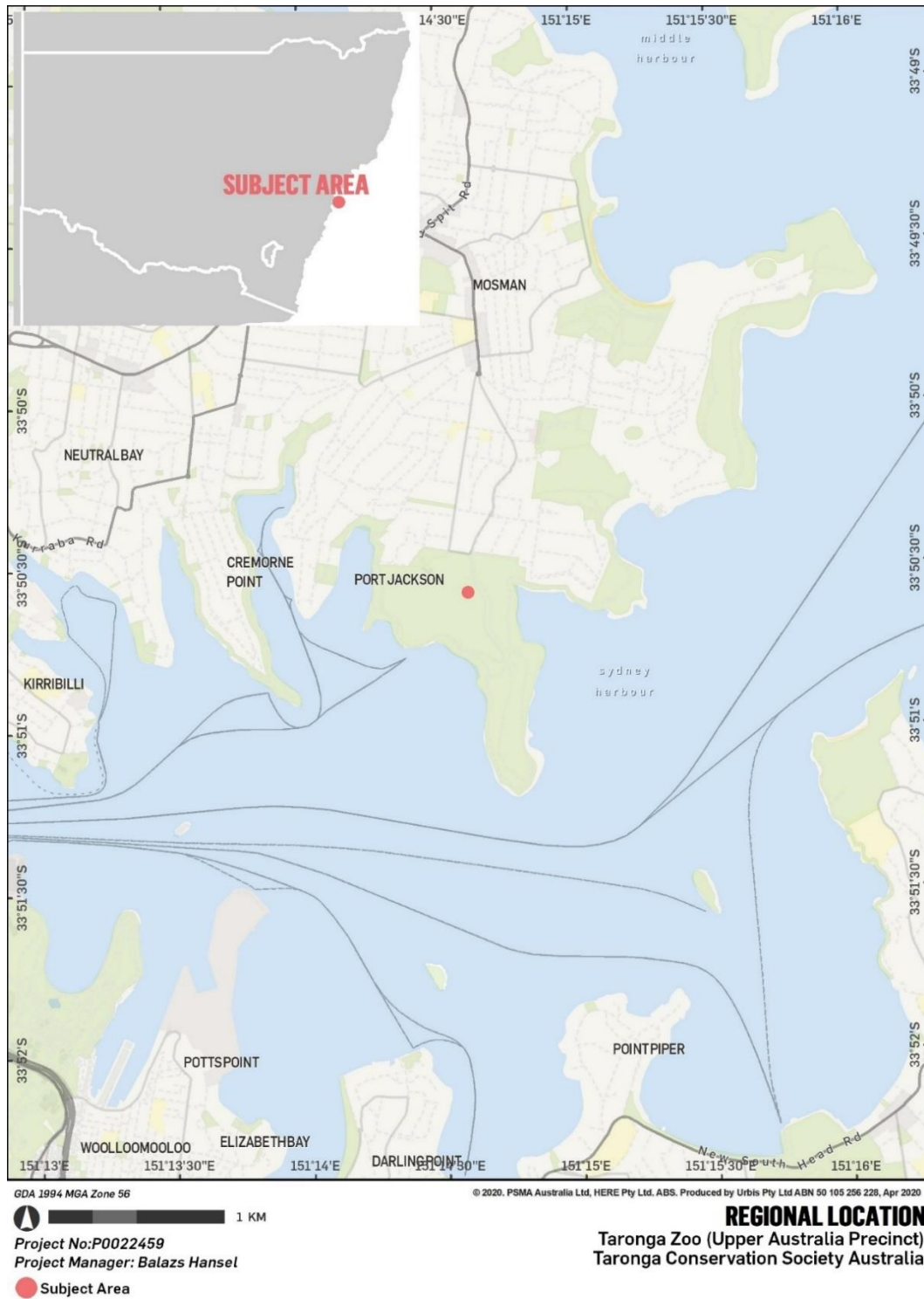


Figure 1 – Regional Location of the subject area

STAGE 1.3 – RAP RESPONSES

Meggan Walker

From: Carolyn .H [REDACTED]
Sent: Sunday, 24 May 2020 7:01 PM
To: Meggan Walker
Subject: Re: Stage 1 Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage



INDIGENOUS SERVICES PTY LTD

Contact: Carolyn Hickey
[REDACTED]
[REDACTED]

Hi Meggan,

I would like to register for consultation Meetings and field work, I hold cultural knowledge relevant to determining the cultural significance of any Aboriginal objects and values that exist within the project area.

We would like the proponent and Urbis to consider including A1's, Kawalkan youth employees for all future field work.

The Kawalkan Youth Program is a designed program created to employ young indigenous youths between the ages of (18-30) years of age.

OUR MISSION

Building strength in aboriginal families, communities and services.

It is our mission to commit to an innovative approach to a better future for our indigenous youth.

Giving our youth the opportunity to be employed or gain work experience in a culturally sensitive work environment also giving our youth the opportunity to work on country and continue the tradition of passing down

Cultural knowledge from one generation to the next – continuing the importance of keeping culture.

Kind Regards,
Carolyn Hickey



From: Alexandra Ribeny <aribeny@urbis.com.au>

Sent: Tuesday, 19 May 2020 12:04 PM

Cc: Balazs Hansel <bhansel@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>; Meggan Walker <mwalker@urbis.com.au>; Aaron Olsen <aolsen@urbis.com.au>

Subject: Stage 1 Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage

To whom this may concern

Please see the attached Stage 1 notice for our project at Taronga Zoo (Upper Australia Precinct). This is also included in plain text below.

Please do not hesitate to contact us should you have any questions.

TARONGA ZOO (UPPER AUSTRALIA PRECINCT) - ABORIGINAL CULTURAL HERITAGE ASSESSMENT – ABORIGINAL COMMUNITY CONSULTATION STAGE 1 - INVITATION TO REGISTER

Please be advised that your contact details have been provided by the Department of Planning, Industry and Environment (DPIE) in accordance with Section 4.1.2 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW, 2010) (hereafter referred as the Consultation Requirements) as a potential Aboriginal stakeholder who may have interest in registering to the abovementioned project.

Urbis has been commissioned by Taronga Conservation Society Australia (the Proponent) to conduct an Aboriginal Cultural Heritage Assessment (ACHA) for Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred to as 'the subject area') (see attached figure).

Urbis is preparing an ACHA to accompany the State Significant Development Application (SSDA) for the subject area which will redevelop the "Upper Australia Precinct" of Taronga Zoo in the suburb of Mosman.

The ACHA is to be carried out in accordance with relevant guidelines under *the National Parks and Wildlife Act 1974* (NPW Act), including *the Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH 2011). The assessment would detail any potential Aboriginal cultural heritage resources within the subject area and provide recommendations regarding management of those resources.

The Proponent can be contacted via:

Kristine Marshall
Senior Project Manager
Taronga Conservation Society Australia
[REDACTED]

The ACHA will involve:

- Identifying and describing the Aboriginal cultural heritage values that exist across the subject area in accordance with the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011)

and *Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW OEH* (2010), and documenting these in an Aboriginal Cultural Heritage Assessment Report (ACHAR) which may include the need for surface survey and test excavation;

- Undertaking consultation with Aboriginal people and document in accordance with *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW);
- The preparation of the ACHAR to support the SSDA, demonstrating attempts to avoid any impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the ACHAR must outline measures proposed to mitigate impacts; and
- Recording of any Aboriginal objects in line with the requirements of the OEH's Aboriginal Heritage Information Management System (AHIMS) that may be identified within the subject area.

In accordance with the Consultation Requirements and Clause 80C of the *NSW National Parks and Wildlife Regulation 2009*, the Proponent will conduct a community consultation process with registered Aboriginal people to assist with the preparation of the ACHA.

In accordance with Section 4.1.2 of the Consultation Requirements Urbis proposes to invite Aboriginal people and/or organisations who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places that may exist within the subject area.

Should you wish to register your interest in this project, please respond in writing by clearly stating your interest and nominating a contact person by **3rd June 2020**. Please send responses to the following:

Meggan Walker
Heritage Consultant
Urbis
mwalker@urbis.com.au
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please be advised that, as per the Consultation Requirements, the Proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and Department of Planning, Industry and Environment, unless the person or group specifies that they do not want their details released.

Your sincerely

ALEXANDRA RIBENY
CONSULTANT

D +61 2 8424 5118
T +61 2 8233 9900
E aribeny@urbis.com.au

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Meggan Walker

From: Dennis.Foley <[REDACTED]>
Sent: Monday, 1 June 2020 9:51 AM
To: Meggan Walker
Cc: Susan Molan Coombs
Subject: Aboriginal Heritage Taronga Park Zoo Project

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Meggan

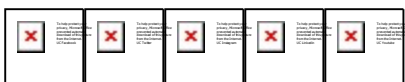
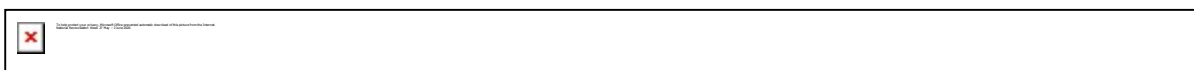
I am a descendant of the traditional clans of this area and wish to register my interest in the Project

as I have had a continuing dispute with Metro Land Council since the early 1990's please do not provide my details to them, it will only cause you heartache and prolong the insults that they put out

I look forward to working with you

kind regards

Dennis



Australian Government Higher Education Registered Provider (CRICOS) #00212K

The University of Canberra acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce Campus is situated. We wish to acknowledge and respect their continuing culture and the contribution they make to the life of Canberra and the region. We also acknowledge all other First Nations Peoples on whose lands we gather.

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Meggan Walker

From: Lilly Carroll [REDACTED]
Sent: Wednesday, 27 May 2020 1:05 PM
To: Meggan Walker
Subject: Register

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Megan

DNC would like to register an interest into Re: Taronga zoo

Kind regards DNC
Paul Boyd and Lilly Carroll
[REDACTED]

Sent from myMail for iOS

Meggan Walker

From: frances bodkin [REDACTED] >
Sent: Wednesday, 3 June 2020 11:34 AM
To: Meggan Walker

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Megan. We would like to register our interest in participating in the above project.

Regards
Frances Bodkin and Gavin Andrews.

Alexandra Ribeny

From: Goobah [REDACTED] >
Sent: Tuesday, 26 May 2020 6:50 AM
To: Alexandra Ribeny
Subject: Re: Stage 1 Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage

Please keep me informed on any further developments

On Tue, May 19, 2020 at 12:05 PM Alexandra Ribeny <aribeny@urbis.com.au> wrote:

To whom this may concern

Please see the attached Stage 1 notice for our project at Taronga Zoo (Upper Australia Precinct). This is also included in plain text below.

Please do not hesitate to contact us should you have any questions.

TARONGA ZOO (UPPER AUSTRALIA PRECINCT) - Aboriginal Cultural Heritage Assessment – Aboriginal Community Consultation Stage 1 - Invitation to Register

Please be advised that your contact details have been provided by the Department of Planning, Industry and Environment (DPIE) in accordance with Section 4.1.2 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW, 2010) (hereafter referred as the Consultation Requirements) as a potential Aboriginal stakeholder who may have interest in registering to the abovementioned project.

Urbis has been commissioned by Taronga Conservation Society Australia (the Proponent) to conduct an Aboriginal Cultural Heritage Assessment (ACHA) for Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred to as 'the subject area') (see attached figure).

Urbis is preparing an ACHA to accompany the State Significant Development Application (SSDA) for the subject area which will redevelop the "Upper Australia Precinct" of Taronga Zoo in the suburb of Mosman.

The ACHA is to be carried out in accordance with relevant guidelines under *the National Parks and Wildlife Act 1974* (NPW Act), including *the Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH 2011). The assessment would detail any potential Aboriginal cultural heritage resources within the subject area and provide recommendations regarding management of those resources.

The Proponent can be contacted via:

Kristine Marshall
Senior Project Manager
Taronga Conservation Society Australia
[REDACTED]
[REDACTED]

The ACHA will involve:

- Identifying and describing the Aboriginal cultural heritage values that exist across the subject area in accordance with the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011) and *Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW OEH* (2010), and documenting these in an Aboriginal Cultural Heritage Assessment Report (ACHAR) which may include the need for surface survey and test excavation;
- Undertaking consultation with Aboriginal people and document in accordance with *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW);
- The preparation of the ACHAR to support the SSDA, demonstrating attempts to avoid any impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the ACHAR must outline measures proposed to mitigate impacts; and
- Recording of any Aboriginal objects in line with the requirements of the OEH's Aboriginal Heritage Information Management System (AHIMS) that may be identified within the subject area.

In accordance with the Consultation Requirements and Clause 80C of the *NSW National Parks and Wildlife Regulation 2009*, the Proponent will conduct a community consultation process with registered Aboriginal people to assist with the preparation of the ACHA.

In accordance with Section 4.1.2 of the Consultation Requirements Urbis proposes to invite Aboriginal people and/or organisations who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places that may exist within the subject area.

Should you wish to register your interest in this project, please respond in writing by clearly stating your interest and nominating a contact person by **3rd June 2020**. Please send responses to the following:

Meggan Walker

Heritage Consultant

Urbis

mwalker@urbis.com.au

Level 8 123 Pitt Street,

Sydney, NSW, 2000.

Please be advised that, as per the Consultation Requirements, the Proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and Department of Planning, Industry and Environment, unless the person or group specifies that they do not want their details released.

Your sincerely

ALEXANDRA RIBENY
CONSULTANT

D +61 2 8424 5118
T +61 2 8233 9900
E aribeny@urbis.com.au

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--

Regards

**Basil Smith
Chairperson/CEO
GOOBAH**

Contact Details:

[Redacted contact details]

[Redacted contact details]

[Redacted contact details]



This email may contain privileged information. Privilege is not waived if it has been sent to you in error, or if you are not the intended recipient. Please immediately notify me and delete the email if you have received this in error.

Meggan Walker

From: Shaun Carroll <[REDACTED]>
Sent: Friday, 22 May 2020 12:42 PM
To: Meggan Walker
Subject: Taronga zoo registration

Hi Meggan
I would like to register our interest in the above project
Cheers
Shaun Carroll
[REDACTED]

From: [Nathan Moran](#)
To: [Aaron Olsen](#); [Alexandra Ribeny](#)
Cc: [Meggan Walker](#); [Cultural Heritage](#)
Subject: Fwd: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment
Date: Wednesday, 13 May 2020 8:25:16 AM
Attachments: [ATT00001.htm](#)
[image002.png](#)
[ATT00002.htm](#)
[image004.png](#)
[ATT00003.htm](#)
[image006.png](#)
[ATT00004.htm](#)
[image007.png](#)
[ATT00005.htm](#)
[image008.png](#)
[ATT00006.htm](#)
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[ATT00009.htm](#)
[image011.png](#)
[ATT00010.htm](#)
[image013.png](#)
[ATT00011.htm](#)
[image015.png](#)
[ATT00012.htm](#)
[P0022459_Stage 1.2 MLALC_20200427.pdf](#)
[ATT00013.htm](#)

On behalf of Metropolitan Local Aboriginal Land Council(MLALC) the legislated representative body for all Aboriginal people of the area this project is occurring and body responsible for protection and preservation of Aboriginal Culture and Heritage MLALC wish to formally register as a party for the proposed Aboriginal Cultural Heritage Assessment at Taronga Zoo.

And affirm I have cc MLALC Culture Heritage Officer Selina Timothy whom is MLALC contact for this project.

Should you need and or require any additional information or clarification please advise.

Yours in Unity
Nathan Moran
CEO MLALC

Sent from my iPhone

Begin forwarded message:

From: Cultural Heritage [REDACTED]
Date: 12 May 2020 at 7:31:50 pm AEST
To: Nathan Moran <[REDACTED]>
Subject: Fwd: Stage 1 Agency Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage Assessment

Sent from my iPhone

Begin forwarded message:

From: Meggan Walker <mwalker@urbis.com.au>
Date: 7 May 2020 at 11:11:55 am AEST
To: Office Admin MLALC [REDACTED]
Cultural Heritage [REDACTED]
Cc: Balazs Hansel <bhansel@urbis.com.au>, Andrew Crisp
<acrisp@urbis.com.au>, Aaron Olsen <aolsen@urbis.com.au>,
Alexandra Ribeny <aribeny@urbis.com.au>
**Subject: RE: Stage 1 Agency Notice - Upper Australia
Precinct, Taronga Zoo - Aboriginal Cultural Heritage
Assessment**

To whom it may concern,

Please see attached information regarding our project at the Upper Australia Precinct within Taronga Zoo. Please let us know if you have any alternate contact details or any suggestions on individuals or groups who might be interested in registering for this project.

Kind regards,

MEGGAN WALKER
CONSULTANT

Meggan Walker

From: Gaimaragal Susan [REDACTED]
Sent: Monday, 1 June 2020 1:14 PM
To: Meggan Walker
Subject: Registering Interest to participate

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Meggan,

I would like to register my interest to participate in this consultation.

I have connection to this area, living and working here for over 50 years and work with Professor Dennis Foley, the knowledge holder, Traditional Custodian for what we today call Northern Sydney.

I was also recently involved in the work being done with Taronga and the EcoRetreat to curate the cultural knowledge embedded in the guest experience of the retreat.

I look forward to hearing from you.

Regards

S

Susan Moylan-Coombs
Director
[REDACTED]



I acknowledge and respect all ancestral lands of Australia's First Peoples. We represent the oldest surviving living culture on the planet and I pay my respects to Elders past and present.

We have an opportunity to co-create a nation that is proud of and embraces Australia's First Peoples history, culture and rights, for present and future generations.

Meggan Walker

From: Phillip Boney <[REDACTED]>
Sent: Tuesday, 19 May 2020 6:50 PM
To: Alexandra Ribeny
Cc: Balazs Hansel; Andrew Crisp; Meggan Walker; Aaron Olsen
Subject: Re: Stage 1 Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Hi,

Phil Boney of Wailwan Aboriginal Group here. I would like to register my interest for this project.

With regards, Phil Boney
Wailwan Aboriginal Group

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From: Alexandra Ribeny <aribeny@urbis.com.au>
Sent: Tuesday, May 19, 2020 12:04:57 PM
Cc: Balazs Hansel <bhansel@urbis.com.au>; Andrew Crisp <acrisp@urbis.com.au>; Meggan Walker <mwalker@urbis.com.au>; Aaron Olsen <aolsen@urbis.com.au>
Subject: Stage 1 Notice - Upper Australia Precinct, Taronga Zoo - Aboriginal Cultural Heritage

To whom this may concern

Please see the attached Stage 1 notice for our project at Taronga Zoo (Upper Australia Precinct). This is also included in plain text below.

Please do not hesitate to contact us should you have any questions.

TARONGA ZOO (UPPER AUSTRALIA PRECINCT) - ABORIGINAL CULTURAL HERITAGE ASSESSMENT – ABORIGINAL COMMUNITY CONSULTATION STAGE 1 - INVITATION TO REGISTER

Please be advised that your contact details have been provided by the Department of Planning, Industry and Environment (DPIE) in accordance with Section 4.1.2 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW, 2010) (hereafter referred as the Consultation Requirements) as a potential Aboriginal stakeholder who may have interest in registering to the abovementioned project.

Urbis has been commissioned by Taronga Conservation Society Australia (the Proponent) to conduct an Aboriginal Cultural Heritage Assessment (ACHA) for Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred to as 'the subject area') (see attached figure).

Urbis is preparing an ACHA to accompany the State Significant Development Application (SSDA) for the subject area which will redevelop the "Upper Australia Precinct" of Taronga Zoo in the suburb of Mosman.

The ACHA is to be carried out in accordance with relevant guidelines under the *National Parks and Wildlife Act 1974* (NPW Act), including the *Guide to investigating, assessing and reporting on Aboriginal cultural heritage in NSW* (OEH 2011). The assessment would detail any potential Aboriginal cultural heritage resources within the subject area and provide recommendations regarding management of those resources.

The Proponent can be contacted via:

Kristine Marshall
Senior Project Manager
Taronga Conservation Society Australia

The ACHA will involve:

- Identifying and describing the Aboriginal cultural heritage values that exist across the subject area in accordance with the *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH, 2011) and *Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW* OEH (2010), and documenting these in an Aboriginal Cultural Heritage Assessment Report (ACHAR) which may include the need for surface survey and test excavation;
- Undertaking consultation with Aboriginal people and document in accordance with *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW);
- The preparation of the ACHAR to support the SSDA, demonstrating attempts to avoid any impact upon cultural heritage values and identify any conservation outcomes. Where impacts are unavoidable, the ACHAR must outline measures proposed to mitigate impacts; and
- Recording of any Aboriginal objects in line with the requirements of the OEH's Aboriginal Heritage Information Management System (AHIMS) that may be identified within the subject area.

In accordance with the Consultation Requirements and Clause 80C of the *NSW National Parks and Wildlife Regulation 2009*, the Proponent will conduct a community consultation process with registered Aboriginal people to assist with the preparation of the ACHA.

In accordance with Section 4.1.2 of the Consultation Requirements Urbis proposes to invite Aboriginal people and/or organisations who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/or places that may exist within the subject area.

Should you wish to register your interest in this project, please respond in writing by clearly stating your interest and nominating a contact person by **3rd June 2020**. Please send responses to the following:

Meggan Walker
Heritage Consultant
Urbis
mwalker@urbis.com.au
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please be advised that, as per the Consultation Requirements, the Proponent is required to forward the names of Aboriginal persons and groups who register an interest (Registered Aboriginal Parties) to the Metropolitan Local Aboriginal Land Council and Department of Planning, Industry and Environment, unless the person or group specifies that they do not want their details released.

Your sincerely

ALEXANDRA RIBENY
CONSULTANT

D +61 2 8424 5118
T +61 2 8233 9900
E aribeny@urbis.com.au

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CITIES AND
COMMUNITIES**



ANGEL PLACE, LEVEL 8, 123 PITT STREET
SYDNEY, NSW 2000, AUSTRALIA

Our highest priority is the health and wellbeing of our people, clients and community. **[Click here to read Urbis' response to COVID-19.](#)**

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Meggan Walker

From: Butucarbin Heritage [REDACTED] >
Sent: Friday, 5 June 2020 1:59 AM
To: Meggan Walker
Subject: Registration for Taronga Zoo and Sturt Street
Attachments: sturt street & Taronga Zoo EOI - Urbis.docx

Hi Megan,

Attached is the registration of interest for Taronga Zoo and Sturt Street.

Apologies for the late registration. Unfortunately, I had the dates confused and thought it was due on the 4th of June. Please let me know if it is possible to still be registered for the project.

Warm Regards,

--

Lowanna Gibson
Project Manager for Butucarbin Cultural Heritage Assessments
B.A Archaeology/Anthropology USYD
Juris Doctor Candidate UTS

Meggan Walker

From: Meggan Walker
Sent: Tuesday, 9 June 2020 9:06 AM
To: Caroline Glass-Pattison
Cc: Balazs Hansel; Andrew Crisp; Aaron Olsen; Alexandra Ribeny
Subject: RE: agreed to register interest - Taronga Park Zoo
Attachments: P22459_TarongaZoo_Stage2.3_20200605.pdf

Hi Caroline,

Thank you for your registration. As the Stage 1 registration period for this project closed on the 3rd of June, we have already commenced the Stage 2/3 consultation period. I will note your registration now, please refer to the below/attached:

In accordance with Stage 2 and Stage 3 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW 2010) please find attached the combined Stage 2 (presentation of information about the proposed project) and Stage 3 (gathering information about cultural significance) document for our project at Taronga Zoo, Upper Australia Precinct.

Please provide all comments by 5pm 6th July 2020 to ensure they are included in the draft ACHAR.

Please supply any comments to the details provided below:

C/- Urbis
Angel Place, Level 8, 123 Pitt Street, Sydney 2000
Primary Contact: Meggan Walker
P: 02 8233 7642
E: mwalker@urbis.com.au
By: **6th July 2020.**

Please let us know if you have any questions.

Kind regards,

MEGGAN WALKER
CONSULTANT

D +61 2 8233 7626
T +61 2 8233 9900
E mwalker@urbis.com.au

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From: Caroline Glass-Pattison [REDACTED] >
Sent: Monday, 8 June 2020 8:57 AM
To: Meggan Walker <mwalker@urbis.com.au>
Subject: agreed to register interest - Taronga Park Zoo

Hello Meggan, i am interested in registering as a consultant for the current project at Taronga Park Zoo.

look forward to hearing from you soon.

Thanks

Caroline

STAGE 1.6 – DPIE & LALC NOTICES

09 June 2020

Greater Sydney Branch
Climate Change and Sustainability Division
Department of Planning, Industry and the Environment
gs.ach@environment.nsw.gov.au

To whom it may concern,

STAGE 1.6 - ABORIGINAL CULTURAL HERITAGE ASSESSMENT – TARONGA ZOO (UPPER AUSTRALIA PRECINCT) – LIST OF REGISTERED ABORIGINAL PARTIES AND NOTIFICATION LETTER

In accordance with Section 4.1.6 of the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW, 2010) please find below the compiled list of Registered Aboriginal Parties (RAPs) and notification letter under Section 4.1.3 for the abovementioned project.

Table 1 – List of Registered Aboriginal Parties

Name	Contact	Updated
Wailwan Aboriginal Group	Phil Boney	19/05/2020
Merrigarn	Shaun Carroll	22/05/2020
A1 Indigenous Services	Carolyn Hickey	24/05/2020
Goobah Developments	Basil Smith	26/05/2020
DNC	Lilly Carroll	27/05/2020
Dennis Foley	Dennis Foley	01/06/2020
The Gaimaragal Group	Susan Moylan-Coombs	01/06/2020
Frances Bodkin & Gavin Andrews	Frances Bodkin	03/06/2020
Butucarbin	Lowanna Gibson	05/06/2020

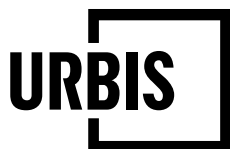
Please do not hesitate to contact us should you have any queries in relation to the provided information.



Yours sincerely,

A handwritten signature in blue ink, appearing to read "M Walker", with a stylized flourish at the end.

Meggan Walker
Consultant
+61 2 8233 7626
mwalker@urbis.com.au



**ANGEL PLACE
LEVEL 8, 123 PITT STREET
SYDNEY NSW 2000**

URBIS.COM.AU
Urbis Pty Ltd
ABN 50 105 256 228

09 June 2020

Nathan Moran
Metropolitan Local Aboriginal Land Council
officeadmin@metrolalc.org.au

To whom it may concern,

STAGE 1.6 - ABORIGINAL CULTURAL HERITAGE ASSESSMENT – TARONGA ZOO (UPPER AUSTRALIA PRECINCT) – LIST OF REGISTERED ABORIGINAL PARTIES AND NOTIFICATION LETTER

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Frances Bodkin & Gavin Andrews	Frances Bodkin	03/06/2020
Butucarbin	Lowanna Gibson	05/06/2020

Please do not hesitate to contact us should you have any queries in relation to the provided information

Yours sincerely,



A handwritten signature in blue ink, appearing to read "M Walker".

Meggan Walker
Consultant
+61 2 8233 7626
mwalker@urbis.com.au

STAGES 2 & 3 – PROJECT INFO & METHOD

Meggan Walker

From: Meggan Walker
Sent: Friday, 5 June 2020 1:09 PM
To: Balazs Hansel; Andrew Crisp
Cc: Alexandra Ribeny; Aaron Olsen
Subject: ACHA Stage 2& 3 - Taronga Zoo Upper Australia Precinct (Our Ref P22459)
Attachments: P22459_TarongaZoo_Stage2.3_20200605.pdf

Tracking:	Recipient	Delivery
	Balazs Hansel	
	Andrew Crisp	
	Alexandra Ribeny	Delivered: 5/06/2020 1:11 PM
	Aaron Olsen	Delivered: 5/06/2020 1:11 PM
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	
	[REDACTED]	

Dear All,

In accordance with Stage 2 and Stage 3 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW 2010) please find attached the combined Stage 2 (presentation of information about the proposed project) and Stage 3 (gathering information about cultural significance) document for our project at Taronga Zoo, Upper Australia Precinct.

Please provide all comments by 5pm 6th July 2020 to ensure they are included in the draft ACHAR.

Please supply any comments to the details provided below:

C/- Urbis
Angel Place, Level 8, 123 Pitt Street, Sydney 2000
Primary Contact: Meggan Walker
P: 02 8233 7642
E: mwalker@urbis.com.au
By: **6th July 2020.**

Please let us know if you have any questions.

Kind regards,

MEGGAN WALKER
CONSULTANT

D +61 2 8233 7626

T +61 2 8233 9900
E mwalker@urbis.com.au

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5 June 2020

To whom it may concern,

**RE: ABORIGINAL CULTURAL HERITAGE ASSESSMENT FOR PROPOSED
REDEVELOPMENT OF UPPER AUSTRALIA PRECINCT, TARONGA ZOO -
ABORIGINAL COMMUNITY CONSULTATION STAGE 2 PRESENTATION OF
INFORMATION AND STAGE 3 GATHERING INFORMATION ABOUT CULTURAL
SIGNIFICANCE**

Thank you for registering your interest in the Aboriginal Cultural Heritage Assessment (ACHA) for the proposed redevelopment of the Upper Australia Precinct at Taronga Zoo, 2A Bradleys Head Road, Mosman, NSW. In accordance with Section 4.2 and 4.3 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW, 2010) (hereafter referred to as the Consultation Requirements), please find in this document a summary of information on the proposed development and the protocol for providing cultural heritage information during the ACHA. Please note that more detailed information will be provided in due course and as part of the developing ACHA.

1. LOCATION OF DEVELOPMENT

The proposed development is located at Lot 22 DP 843294, 2A Bradleys Head Road, Mosman, NSW (hereafter referred to as the 'subject area'), (see Figure 1 and Figure 2). The subject area is located at the north-eastern corner of the Taronga Zoo site. The site is surrounded on three sides by existing zoo facilities and adjoins Bradleys Head Road near the northern main zoo entrance.

2. DESCRIPTION OF THE DEVELOPMENT

Urbis has been commissioned by Taronga Conservation Society Australia (TCSA) to produce an Aboriginal Cultural Heritage Assessment Report (ACHAR) in accordance with the Secretary's Environmental Assessment Requirements (SEARs) for the State Significant Development (SSD 10456). This ACHA will accompany an Environmental Impact Statement (EIS) for the proposed works.

The Upper Australia Precinct will complete the redevelopment of the entire Australian Habitat section of Taronga Zoo and will represent central and northern Australia with animal species and landscapes that reflect the central Australian deserts and top end wetlands.

The proposed works will upgrade the existing Upper Australia Precinct, including a new exhibit design and layouts. This will include demolition of existing structures and some excavation works, while still remaining sympathetic to the design intent of the original 1970s exhibits. The Upper Australia Precinct will display critically endangered Australian animals that form part of Taronga's wildlife conservation and education programs and upgrade "star" attractions including kangaroo, koala, platypus, wombat and emu exhibits.

The proposal will incorporate the demolition of:

- road, associated kerbing and retaining wall for Heritage item 'Wombat Enclosure' (123L);
- section of boundary wall associated with heritage item 07L;
- heritage item 'Timber Boardwalk' (53L); and
- heritage item 'Platypus House' (93B) and associated ground slab and footings.
- Removal of Wild Ropes Course including poles, footings, platforms and ropes.

The proposal will incorporate the following works:

- Refurbishment of the existing Nocturnal House.
- Construction of a new Koala encounter and canopy walk.
- Extension of the existing Macropod walkthrough.
- Creation of a new eastern plaza and western pavilion.
- Upgrades to back of house facilities for animal care.
- Additional toilets and amenities for staff and visitors.
- Other supporting infrastructure and walkways.
- Modifications to the existing ropes course including a new entrance.

The demolition plan and landscaping plan are provided in Appendix A and Appendix B respectively.

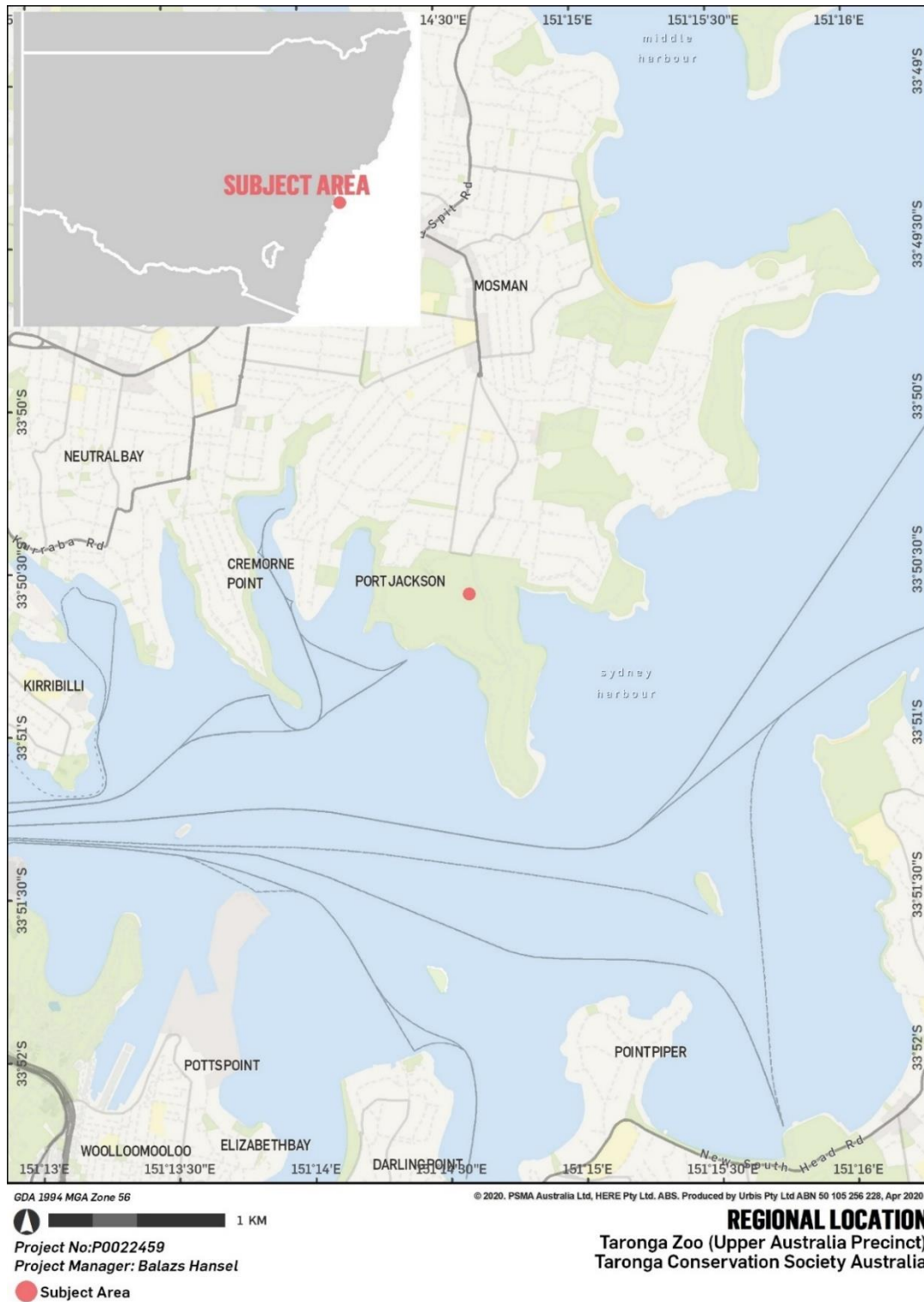
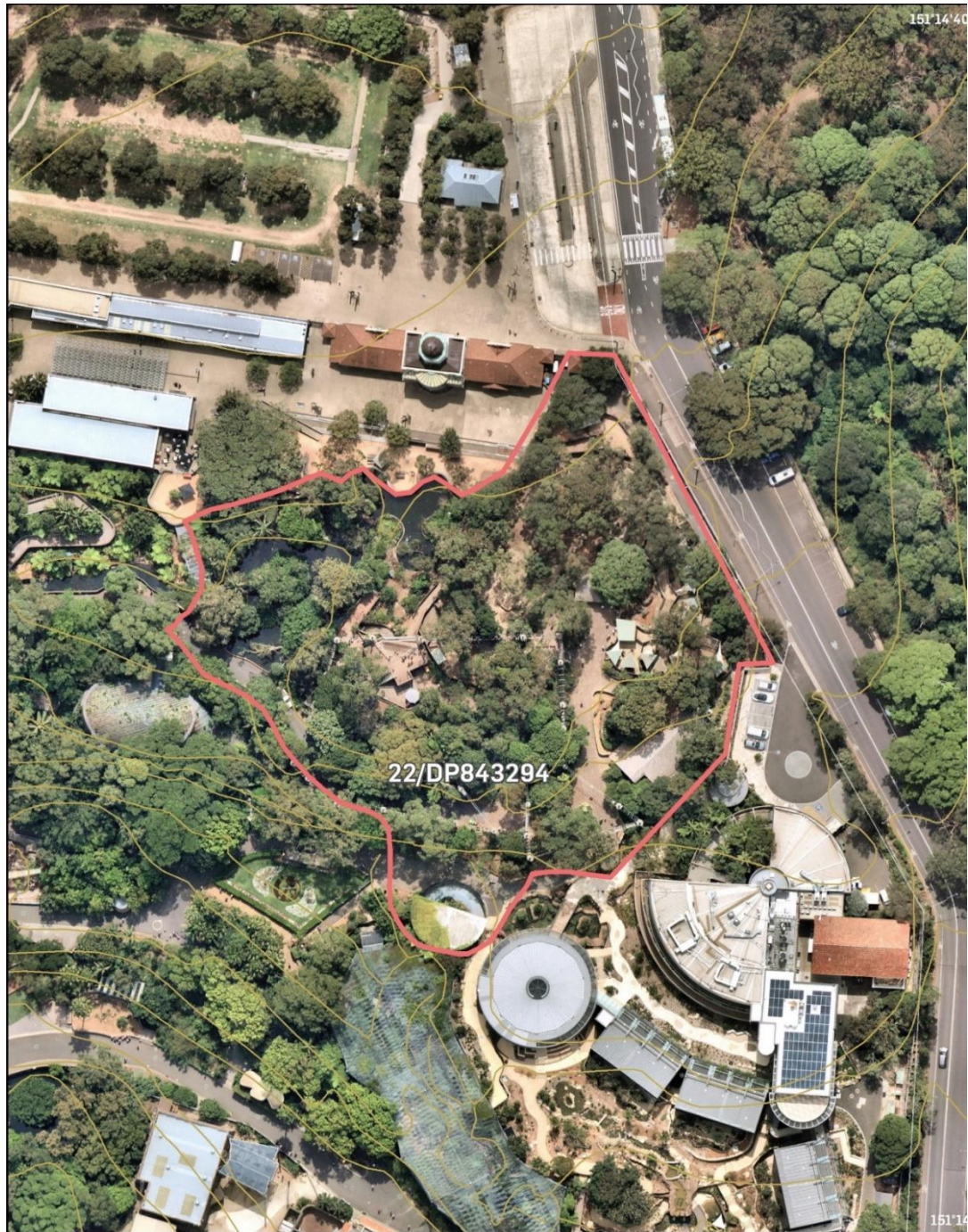


Figure 1 - Regional location



GDA 1994 MGA Zone 56

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Project No:P0022459

Project Manager: Balazs Hansel

■ Subject Area — Contours ■ Hydrology

LOCATION OF THE SUBJECT AREA
Taronga Zoo (Upper Australia Precinct)
Taronga Conservation Society Australia

Figure 2 – Location of the subject area

3. ARCHAEOLOGICAL BACKGROUND INFORMATION

This section comprises the summary of the archaeological background research completed to date for Aboriginal cultural heritage resources including the search of the Aboriginal Heritage Information Management System (AHIMS) and additional archaeological background information.

3.1. TARONGA ZOO ARCHAEOLOGICAL MANAGEMENT PLAN (AMP)

The Taronga Zoo Archaeological Management Plan (AMP) prepared by GML Heritage (GML 2006) identifies the subject area as being comprised of the following zones of archaeological potential:

- Zone 4: Medium – low potential. Areas heavily modified by European development.
- Zone 5: Nil potential. Areas which have previously been excavated down to bedrock, or culturally sterile soil profiles.

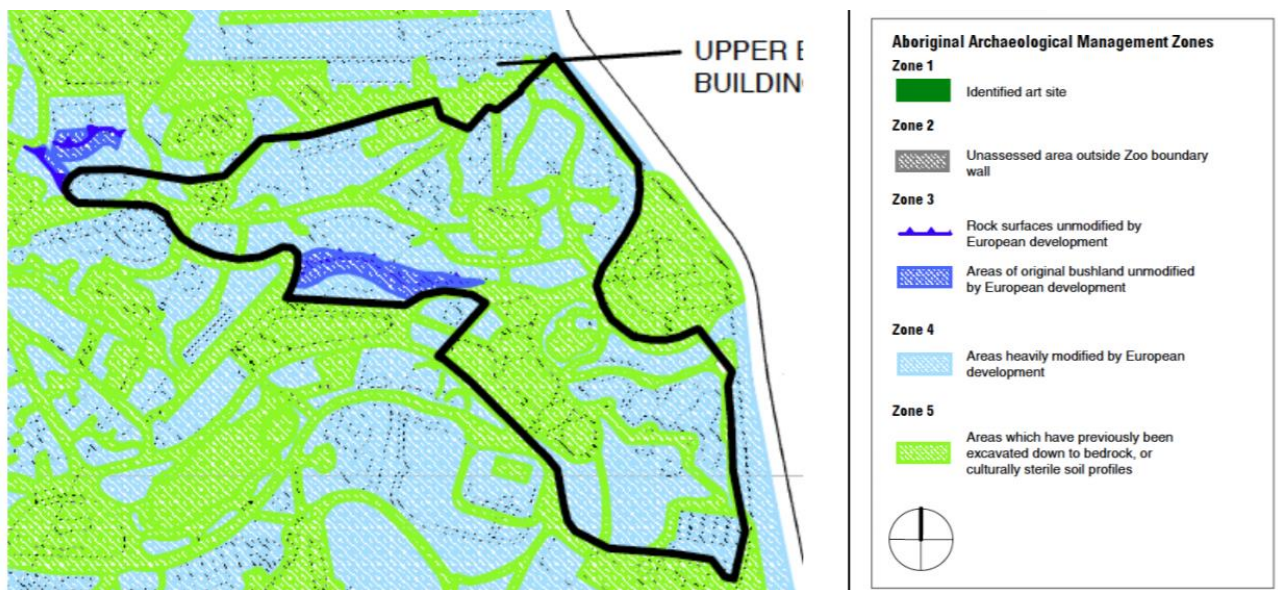


Figure 3 – Aboriginal archaeological management zones

Taronga Zoo AMP 2004

The results of the AMP conclude that the subject area has low to nil potential for Aboriginal archaeological resources.

3.2. ABORIGINAL HERITAGE INFORMATION MANAGEMENT SYSTEM (AHIMS)

The AHIMS database comprises previously registered Aboriginal archaeological objects and cultural heritage places in NSW and it is managed by the Department of Planning, Industry and Environment (DPIE) under Section 90Q of the *National Parks and Wildlife Act 1974* (NPW Act).

The search of the AHIMS was carried out on 17 April 2020 (AHIMS Client Service ID: 497886) for an area of approximately 8.5km². Altogether 60 Aboriginal sites were identified within the search area. Open sites comprised 37% (n=22) of search results. Closed sites comprised 63% (n=38) of search results. The search found no registered Aboriginal sites within or adjacent to the subject area.

The types of sites identified reflect the landscape and environment of the search area. Sites are primarily registered in proximity to waterways, clustering around the shoreline of Bradley's Head and George's Head (Figure 4). These types of sites are dependent on two natural environmental factors - the presence of sandstone outcrops and the proximity of waterways.

57% (n=35) of sites contain shell middens, reflecting the exploitation of marine resources. 77% of sites (n=46) made use of local sandstone resources. The sandstone bedrock which characterises the Mosman LGA provided an important source of shelter and protection. This is reflected in the large number of sites (63%, n=38) which include shelters. Sandstone also served as medium for engravings and pigment art. Shelters with art comprised 21% (n=11) of the search results and open rock engraving sites comprised a further 15% (n=8).

It should be noted that the AHIMS register does not represent a comprehensive list of all Aboriginal objects or sites in a specified area. It lists recorded sites identified during previous archaeological survey effort. The wider surroundings of the subject area have experienced various levels and intensity of archaeological investigations during the last few decades. Most of the registered sites have been identified through targeted, pre-development surveys for infrastructure and maintenance works, with the restrictions on extent and scope of those developments.

Details of the AHIMS search are provided in Table 1 below and the original AHIMS extensive search is included in Appendix 3.

Table 1 – Results of AHIMS search (Client Service ID: 497886)

Site Type	Number	Percentage
Shelter with Shell Midden	23	37%
Shell Midden	9	15%
Rock Engraving	8	13%
Shelter with Art	8	13%
Midden	3	5%
PAD	2	3%
Shelter with Art and Shell Midden	2	3%
Shelter with Midden	2	3%
Shelter	1	2%
Shelter with Art and Midden	1	2%
Shelter with Art, Shell Midden and Burial/s	1	2%
Total	60	100%

The conclusions from the summary of the AHIMS results and previous reports are the following:

- No Aboriginal objects and/or places are registered on AHIMS within the subject area.
- The Taronga Zoo Archaeological Management Plan (AMP) identifies the subject area as being comprised of the following zones of archaeological potential:
 - Zone 4: Medium – low potential. Areas heavily modified by European development.
 - Zone 5: Nil potential. Areas which have previously been excavated down to bedrock, or culturally sterile soil profiles.
- While intact natural soils may be present within urban environments, they may not necessarily contain Aboriginal archaeological objects as landscape factors play a decisive role in Aboriginal utilisation of the land prior to European occupation.
- While disturbance may impact the likelihood for Aboriginal archaeological materials to survive on the surface, *in situ* deposits may remain below imported fill.
- Within the regional context of the subject area, registered Aboriginal sites tend to be located within proximity of the coastline and in areas where sandstone outcrops occur.
- Dominant site types within the region include shelters, shell middens and rock engravings.

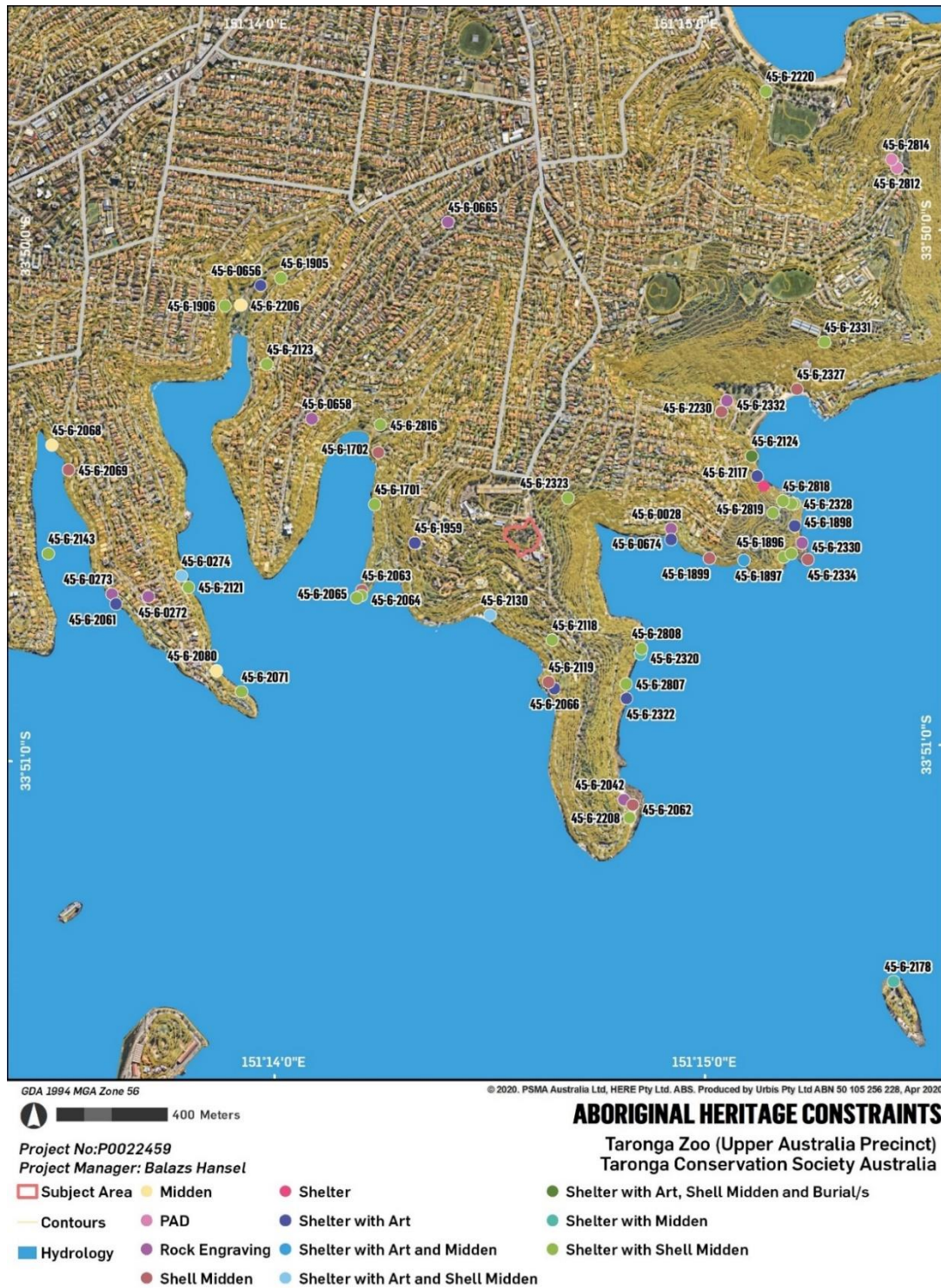


Figure 4 – Registered AHIMS Sites

4. CURRENT ENVIRONMENT

The subject area is currently occupied by facilities which make up the Upper Australia Precinct. These include:

- Avian wetland;
- Wild ropes course;
- Nocturnal House;
- Macropod walk-through;
- Koala experience; and
- Platypus house.

The existing facilities largely comprise open air exhibits, pathways, landscaping and associated infrastructure/servicing areas.

4.1. TOPOGRAPHY

Taronga Zoo is located on a sandstone ridge which forms a peninsula between Port Jackson and Middle Harbour. The ridge rises to 80 m above sea level. The subject area is located on an upper slope adjacent to the crest of a ridgeline which runs north-east along Military Road. The slope descends gradually toward the peninsular which forms Bradleys Head to the south.

4.2. GEOLOGY AND SOILS

The subject area is located within the Sydney Basin Bioregion. The underlying geology of the Mosman area consists of Triassic Hawkesbury Sandstone, which is exposed along the shoreline (Chapman & Murphy 1989). The Hawkesbury Sandstone is a medium to coarse-grained quartz sandstone with minor shale and laminite lenses.

The subject area is located within the Gynea soil landscape (gy), which consists of undulating to rolling rises and low hills on Hawkesbury Sandstone. Soils consist of shallow to moderately deep (30-100 cm) Yellow Earths and Earthy Sands on crests and inside of benches, shallow (<20 cm) Siliceous Sands on leading edges of benches, localised Gleyed Podzolic Soils and Yellow Podzolic Soils on shale lenses and shallow to moderately deep (<100 cm) Siliceous Sands and Leached Sands along drainage lines.

The depth of natural soils is relevant to the potential for archaeological deposits to be present, especially in areas where disturbance is high. Most of the Mosman area is highly disturbed as a result of moderate density residential development during the 20th Century.

The subject area has been subjected to high levels of disturbance relating to its use as a zoo for more than a century.

4.3. HYDROLOGY

The subject area is located approximately 200m west of the nearest coastline at Taylors Bay and 75m above sea level (Figure 5). There are no waterways within proximity of the subject area.

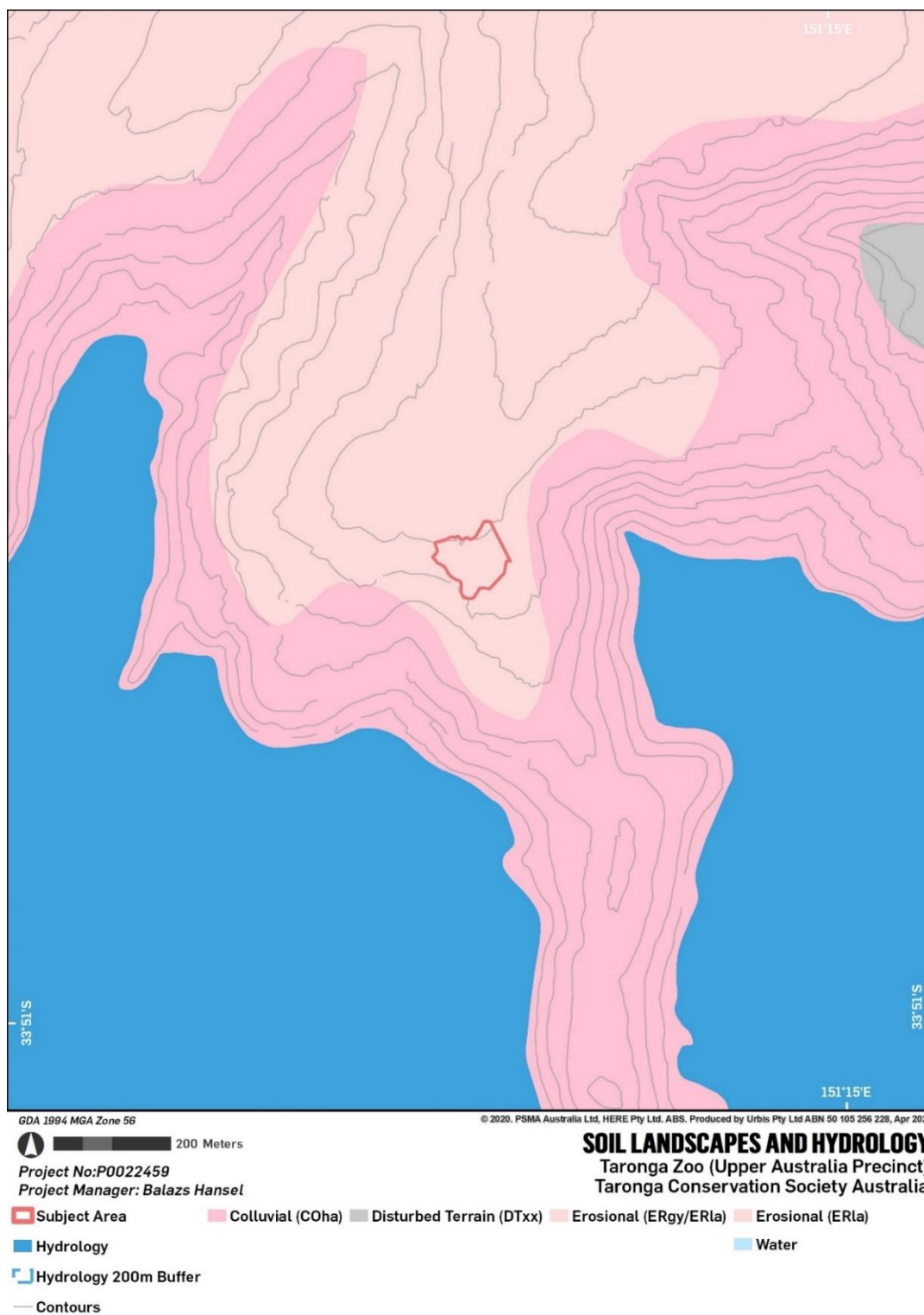


Figure 5 – Soil Landscapes and Hydrology

4.4. VEGETATION

As is evident from historic aerial photographs (Figure 6) the subject area was cleared of native vegetation in the early 20th century.

The Gynea soil landscape was originally characterised by dry sclerophyll woodland and open forest. Common species included red bloodwood *Eucalyptus gummifera*, yellow bloodwood *E. eximia*, scribbly gum *E. haemastoma*, brown stringybark *E. capitellata* and old man banksia *Banksia serrata*. On the more sheltered slopes, black ash *E. sieberi*, Sydney peppermint *E. piperita* and smooth-barked apple *Angophora costata* are common tree species. The dry sclerophyll understorey consisted of shrubs from the families Epacridaceae, Myrtaceae, Fabaceae and Proteaceae.

5. PAST ABORIGINAL LAND USE

The land upon which Taronga Zoo sits is within the traditional lands of the Kammeraegal (Cammaraigal, Gamaraigal) people, of the Guringai language group. The name ‘*Taronga*’ is reported to be the local Aboriginal word for ‘sea view’ (Watsford, 1920). The Kammeraegal people were custodians of the land and waterways of Mosman and North Sydney, including Cammeray, Balls Head (*yerroulbine*), Balmoral, Kirribilli and Cremorne (*wulwarrajeung*). The Kammeraegal people formed part of the Eora tribe. Radiometric dating provides dates of at least 5,800 years ago for sites with the North Sydney (*Cammera*) area (Hoskins, 2019). Early settler accounts of the Kammeraegal describe them thus:

Those who live on the north shore of Port Jackson are called Cam-mer-raygal, that part of the harbour being distinguished from others by the name of Cam-mer-ray. Of this last family or tribe we have heard Bennillong and other natives speak (before we knew them ourselves) as of a very powerful people, who could oblige them to attend wherever and whenever they directed. We afterwards found them to be by far the most numerous tribe of any within our knowledge. It so happened, that they were also the most robust and muscular” (Collins, 1798).

Primarily a water-based people, the Kammeraegal lived along the coast and rivers, fishing and hunting in the waters and hinterland areas (AHO, 2006). They subsisted primarily on aquatic resources and the high of middens located around this area attests to the importance of shellfish in the diets of Kammeraegal people. This would have been supplemented by a variety of seeds, fruits, nuts, rhizome and tubers. The sandstone topography of the area was equally as important – with overhangs and cliffs providing shelters to camp within. Other floral species would have been utilised for medicinal purposes and for the creation of shelters where sandstone overhangs were not present (Currie, 2008).

Archaeologically, over 1,000 sites across the lands of the Kammeraegal people attest to the extent of occupation and habitation in this area (Hoskins, 1920). Within Taronga Zoo, a number of Aboriginal sites are known to occur, attesting to the use of the area by the Kammeraegal people. The most common identified site type in the area are shelters with middens, reflective of the coastal environment and subsistence on aquatic life, as well as the importance of sandstone. The sandstone topography of the northern Sydney area did not only provide shelter, but also a place to share stories and ceremonies through art. A Rock Engraving of a whale/fish with a human figure inside identified near Balls Head (*yerroulbine*) upon a sandstone platform was described in the 1990s by a Bundjalung man:

This is a place of learning, a place of ceremonies, a place where the whales were sung in to shore. Whales beaching themselves in the Harbour were a great source of food. The man in the whale is a clever fella. It looks like he’s got a club foot, but that represents the feathers he wore on his feet so he did not make footprints... having no neck he was also the Creator” (Gerry Bostock, 1990, in Hoskins, 1920)

The Kammeraegal People interacted widely with neighbouring tribes. Inter-marriage between the Cadigal people of Sydney Harbour and the Kammeraegal people to the north were common and allowed Kammeraegal women to roam between the two territories even following European settlement. Barangaroo was one such notable Kammeraegal woman who, prior to European settlement of the north side of the harbour, frequented Sydney Cove and interacted with the Europeans there (Hoskins, 1920). Marriage was not the only unifying ritual for Aboriginal groups around the harbour – they also came together peacefully for feasting on beached whales and tooth evulsion ceremonies, an initiation ceremony for young boys involving the removal of a front tooth (Currie, 2008).

The impacts of colonisation were devastating for all Aboriginal people, but particularly for those groups living around the coast. With colonisation, Aboriginal people were forced away from their lands and the resources they relied upon. Settlement around the coast drove faunal resources further inland, reducing the traditional hunting grounds of local Aboriginal groups (Evidence, 1835). Further to this, diseases including smallpox and conflicts between local Aboriginals and colonisers decimated their population. Some estimations identify that only 10% of the Cammeraiagal population survived smallpox pandemics in the first 10 years following European settlement (University of Sydney, 2019). Some sources identify that the last surviving Cammeraiagal man was named Tarpot and lived in a cave near the barn at the head of Mosman Bay and survived to at least 1888 (Currie, 2008).

The Taronga Conservation Society Australia has made a concerted effort over the past many decades to acknowledge and pay respect to the traditional Aboriginal owners of the land on which they operate. The Taronga Zoo website includes a description of the Aboriginal history of the site and provides in depth information regarding Cammeraiagal people (Taronga Conservation Society Australia, 2020). As they acknowledge, *“Cammeraiagal were governed by and belonged to the land and all that it held, above and beneath the sandstone. Cammeraiagal people have lived in this area for thousands of years and continue to live nearby”* (TCSA, 2020).

6. HISTORICAL LAND USE

The development of facilities within the subject area has caused substantial levels of ground disturbance. This is demonstrated through the analysis of historic aerals. Historic aerial images from 1930, 1961, 1990 and 2020 were analysed to develop an understanding of disturbance (see Figure 6). A summary of this analysis is included in Table 2.

Table 2 - Analysis of historical aerals

Year	Observation
1930	Prior to the establishment of the zoo in 1912-1916, the subject area consisted of native bushland, such as that which can be observed to the east of Bradleys Head Road. By 1930 the subject area appears to have already undergone significant disturbance and clearance of vegetation. The network of paths reflects those observed in a 1916 map of the zoo (Figure 7). The baboon pit, which is described as a ‘concrete and stark enclosure which had been deeply excavated with mounding in the centre for baboons to climb’ is clearly visible at the centre of the subject area. A small structure is located to the east of the baboon pit.
1961	The subject area does not appear to have undergone any significant changes between 1930-1961. The baboon pit was enlarged and a second structure erected to the east.
1990	The subject area appears more densely vegetated and the baboon pit and adjacent structures had been removed by this time. This reflects Strahan’s period of management (1967-1974) during which time a number of structures were demolished within the Upper Australia Precinct. The new exhibits were landscaped and moated, rather than fenced, and the erection of imposing structures avoided. This is reflected in the absence of structures which can be seen on the site at this time.
2020	There are no clear changes to the subject area in the years between 1990-2020.

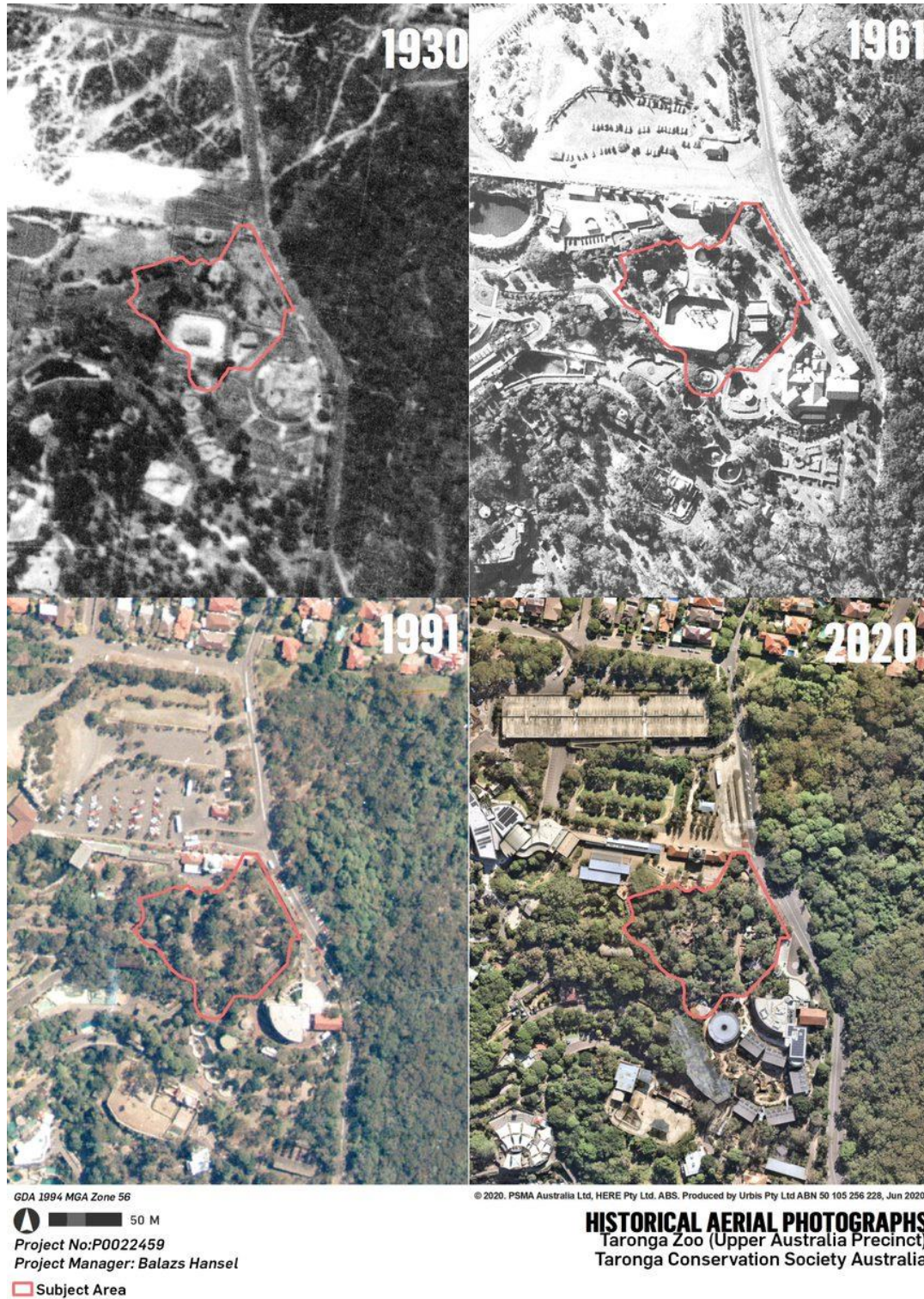


Figure 6 – Historic Aerial Photographs

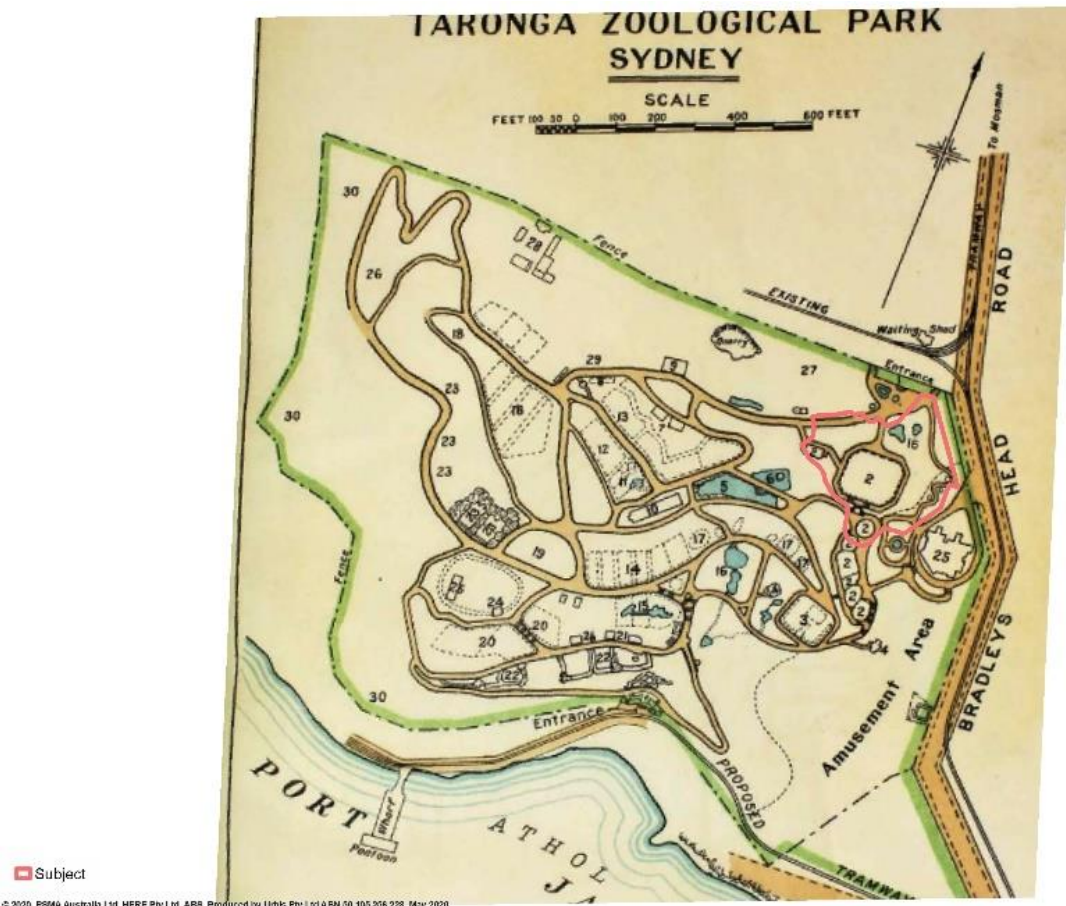


Figure 7 - 1916 plan of Taronga Zoological Park, subject area indicated in red outline

Source: Taronga Zoo Archives.

6.1. SUMMARY

In summary, the subject area has been subject to moderate-high disturbance as a result of development associated with the establishment and later adaptations of the zoo. An initial phase of disturbance took place in the early 20th century, with the erection of numerous structures, excavation for the baboon pit and associated landscaping works. In the late 20th century, the structures on the site were demolished and significant earthworks undertaken for the new exhibits, which included moats and wetlands.

It is considered likely that these high levels of disturbance will have impacted the archaeological potential of the subject area. The *Taronga Zoo Archaeological Management Plan* (AMP) (GML 2004:13) identifies the subject area as being heavily modified by European development. The presence of the Blacktown Soil Landscape and the shallow nature of the natural soil profile, it is considered unlikely that intact natural soil deposits will occur.

The archaeological potential of the subject area is therefore determined to be moderate-low.

7. SCOPE AND METHODOLOGY FOR THE ACHA

7.1. SCOPE

The ACHA will be prepared in accordance with the legislative requirements of the NPW Act and the following guidelines:

- *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW, 2010).
- *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW, 2010).
- *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in New South Wales* (OEH, 2011).
- *The Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance, 2013.*

The ACHA will:

- Synthesise the results of the technical investigation including the environment, existing Aboriginal cultural heritage and archaeological resources in the vicinity of the subject area;
- Include detailed research into the historical land use and impacts on the subject area;
- Include community consultation and any Aboriginal cultural heritage values identified, in compliance with the consultation requirements (DECCW, 2010);
- Include an assessment of significance of any Aboriginal objects or Aboriginal cultural heritage values that may exist within the subject area; and
- Include an impact assessment and provide management and mitigation measures to inform the SSD application.

7.2. PROPOSED METHODOLOGY

The ACHA will follow the general methodology described below:

- Desktop assessment, including synthesising and evaluating background information of archaeological resources, existing and past environment and developing a predictive model.
- Consultation with the Registered Aboriginal Parties (RAPs) throughout the preparation of the ACHA.
- On-site meeting including site inspection of the subject area with the RAPs to allow for ample opportunity for cultural information to be provided and for the RAPs to familiarise themselves with the subject area and discuss the archaeological approach.

Note: This will be subject to Covid-19 social distancing measures, as applied by both the Federal and State governments, as well as those established by Taronga Zoo and Urbis.

- Preparation of draft ACHA synthesising all information collected during the process and providing the draft to the proponent and the RAPs for comments.
- Incorporate all comments and finalise the ACHA.

8. ABORIGINAL COMMUNITY INPUT POINTS FOR THE ACHA PROCESS

Urbis welcomes input and information from the RAPs at any stage throughout the entire process of the ACHA. In line with the Consultation Requirements, the main input points for the consultation are the following:

- During Stage 2 - Presentation of information about the proposed project (this project information and methodology).
- During Stage 3 - Gathering information about cultural significance (this methodology and throughout the assessment process).
- During site inspection in consultation with and approval from the proponent.
- During Stage 4 - Review of the draft ACHA.

9. GATHERING INFORMATION ABOUT CULTURAL SIGNIFICANCE

In accordance with Section 4.3 of the Consultation Requirements, Urbis welcomes any information on cultural heritage and cultural significance of the subject area. Urbis is seeking information on cultural values and archaeological significance of the subject area, including:

- Whether there are any Aboriginal objects of cultural value to Aboriginal people in and near the subject area.
- Whether there are any places of cultural value to Aboriginal people in the area of the proposed project (whether they are Aboriginal places declared under s.84 of the NPW Act or not). This will include places of social, spiritual and cultural value, historic places with cultural significance, and potential places/areas of historic, social, spiritual and/or cultural significance.

Please also consider the following when providing information:

- Do you have information on any Aboriginal objects within or near the subject area?
- Do you or somebody you know have information of cultural values, stories in relation to the subject area and if that information can be shared?

In order to comply with the Consultation Requirements, streamline information provided during Stage 2 and 3, and to inform the proponent for the field inspection component, Urbis would like to collect information from you in relation to the following:

1. Cultural connection: Please describe the nature of your cultural connection to the country on which the subject area is situated. Please include any relevant cultural knowledge or knowledge of Aboriginal objects or places within the subject area. Have you ever lived in or near the subject area? If you are a Traditional Owner, please state this clearly.
2. Representing your community members: Please state who you or your organisation represents. Do you or your organisation represent other members of the Aboriginal community? If so, please describe how information is provided to the other members, and how their information and knowledge may be provided back to the proponent and Urbis.
3. Previous experience: Please list your relevant (for example, in the area of the proposed project) previous experience in providing cultural heritage advice and survey participation.

4. Schedule of Rates: Please provide your Certificate of Currency including Product and Public Liability Insurance and Worker's Compensation. Please also include a schedule of rates (hourly/half day/day) for fieldwork participation, and include any expenses you may expect to incur, and these will be sought to be reimbursed. Please note that it is for the discretion for the proponent to decide if they invite RAPs for site works and the consultation process does not guarantee paid employment.

Please find the above list at the end of this document in Appendix 4 for your convenience to fill-out and send back to Urbis.

Please note that in accordance with Section 3.4 of the Consultation Requirements consultation does not include the employment of Aboriginal people to assist in field assessment and/or site monitoring. Aboriginal people may provide services to the proponent through a contractual arrangement; however, this is separate from consultation. The proponent is not obliged to employ those Aboriginal people registered for consultation. Consultation as per these requirements will continue irrespective of potential or actual employment opportunities for Aboriginal people.

10. SENSITIVE CULTURAL INFORMATION – MANAGEMENT PROTOCOL

If you or your organisation has sensitive or restricted public access information for determining or managing the heritage values of the subject area, it is proposed that the proponent will manage this information (if provided by the Aboriginal community) in accordance with a sensitive cultural information management protocol. It is anticipated that the protocol will include making note of and managing the material in accordance with the following key limitations as advised by Aboriginal people at the time of the information being provided:

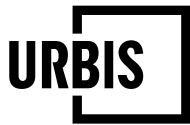
- Any restrictions on access of the material.
- Any restrictions on communication of the material (confidentiality).
- Any restrictions on the location/storage of the material.
- Any cultural recommendations on handling the material.
- Any names and contact details of persons authorised within the relevant Aboriginal group to make decisions concerning the Aboriginal material and degree of authorisation.
- Any details of any consent given in accordance with customary law.
- Any access and use by the RAPs of the cultural information in the material.

Please consider the above list when providing your recommendations regarding any culturally sensitive information.

11. CRITICAL TIMELINES

Critical timelines for the ACHA are outlined in Table 3 below. Please note that some of these timeframes are estimates at this stage in the process and are provided to allow forward planning of personnel and resources.

Table 3 – Critical timelines.

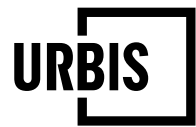


Project Stage	Due Date
Stage 2 and 3: Provision of comments on the provided project information and proposed methodology (this document).	Within 28 days from delivery of this document, by Close of Business 6 th July 2020.
Stage 3: Site survey (if agreed to by proponent).	On or after the 7 th July 2020
Stage 4: Provision of the draft ACHA report (including the proposed management and mitigation measures) to the RAPs.	Within 2 business days of the site inspection.
Stage 4: Provision of comments on draft ACHA report.	Within 28 days from delivery of the draft ACHA report to the RAPs.
Stage 4: Finalisation of the ACHA report including the consideration of all comments and feedback.	Within one week of the closing of the comment period for the draft ACHA report.

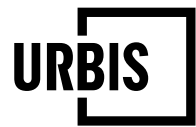
Please provide the requested information by Close of Business 6th July 2020. Comments received after this date might be excluded from the draft ACHA. Please provide your comments in writing to:

Meggan Walker
Urbis Pty Ltd
Level 8
Angel Place
123 Pitt Street
Sydney, 2000 NSW
Mobile: 02 8233 7626
Email: mwalker@urbis.com.au

Andrew Crisp
Senior
+61 2 8233 7642



APPENDIX 1 – DEMOLITION PLAN



APPENDIX 2 – LANDSCAPE PLAN



KEY

EXISTING TREE RETAINED

PROPOSED TREE

PLANTING

TURF

EXPOSED AGGREGATE CONCRETE

DECOMPOSED GRANITE / GRAVEL

HARDWOOD MULCH

WATER BODY

ROCKS / BOULDERS

SEATING

RETAINING WALL

ROCK SHELTER

1

PROPOSED LANDSCAPE PLAN

1:250

	REV	DESCRIPTION	DATE	CIVIL SDA STRUCTURES PH: 9810 6911	HYDRAULIC & CIVIL WARREN SMITH & PARTNERS PH: 9299 1312	CONSTRUCTION MANAGEMENT RPS CONSULTING PH: 8099 3200	TRAFFIC GTA TRAFFIC PH: 8448 1800	LEGEND	NORTH <div><div></div><div>DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS ONLY. VERIFY ALL DIMENSIONS ON SITE. REFER ANY DISCREPANCIES TO THE ARCHITECT. THIS DRAWING, THE INFORMATION ON IT AND THE DESIGN ARE COPYRIGHT OF LANZ NIMMO ARCHITECTS PTY LTD.</div></div>	CLIENT Taronga Zoo	PROJECT TITLE Upper Australia Exhibit	TITLE LANDSCAPE PLAN							
				QUANTITY SURVEY MEM CONSULTING PH: 9270 1000	ARBORIST SYDNEY ARBOR TREES PH: 9966 6821								REVIEW	DIRECTOR SIGNATURE	DATE	DRAWN	PLOT DATE	SCALE @A1	
													TENDER			LZ	25/05/2020	1:250	
																CHECKED	PROJECT NO.	DRAWING NO.	REV. NO.
													SCALE CHECK			JF	18-16	A-DA-702	
																CONST			



APPENDIX 3 – AHIMS SEARCH RESULTS

Urbis Pty Ltd - 201 Sussex St Sydney

Date: 17 April 2020

L23, Tower 2 201 sussex St
Sydney New South Wales 2000

Attention: Balazs Hansel

Email: bhansel@urbis.com.au

Dear Sir or Madam:

AHIMS Web Service search for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters, conducted by Balazs Hansel on 17 April 2020.

The context area of your search is shown in the map below. Please note that the map does not accurately display the exact boundaries of the search as defined in the paragraph above. The map is to be used for general reference purposes only.



A search of the Office of the Environment and Heritage AHIMS Web Services (Aboriginal Heritage Information Management System) has shown that:

60	Aboriginal sites are recorded in or near the above location.
0	Aboriginal places have been declared in or near the above location. *

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2220	Balmoral Beach 4;	AGD	56	338240	6255270	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,2988
	<u>Contact</u>	<u>Recorders</u>	Val Attenbrow,K Cutmore							
45-6-2230	Clifton Gardens 1;Clifton Gardens;	AGD	56	338080	6254120	Open site	Valid	Shell : -, Artefact : -	Midden	2025
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig							
45-6-2320	Burrage Cave;Mosman;	AGD	56	337790	6253250	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2322	Red Fish 2;Mosman;	AGD	56	337740	6253090	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-1959	Taronga Zoo Cave;Mosman;	AGD	56	336980	6253650	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2328	Chowder Head;Clifton Gardens;	AGD	56	338340	6253790	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-0272	Robertson's Point Cremorne	GDA	56	336129	6253645	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	597
	<u>Contact</u>	<u>Recorders</u>	Charles.D Power,Aboriginal Heritage Office							
45-6-0273	Cremorne Point Shell Cove	GDA	56	335999	6253655	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Charles.D Power,Aboriginal Heritage Office							
45-6-0274	Cremorne Point Crows Nest	GDA	56	336249	6253720	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office							
45-6-2061	Red Shield Cave;	AGD	56	335910	6253430	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1809
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2062	Bradleys Beach	AGD	56	337762	6252708	Open site	Valid	Shell : -, Artefact : -	Midden,Open Camp Site	1809,1895,2025
	<u>Contact</u>	<u>Recorders</u>	Val Attenbrow,Michael Guider							
45-6-2063	Little Sirius Pt. 3;	AGD	56	336792	6253460	Open site	Valid	Shell : -, Artefact : -	Midden,Open Camp Site	1809,2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2064	Little Sirius Pt. 2;Mosman;	AGD	56	336790	6253460	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-2065	Little Sirius Pt. 1;Mosman;	AGD	56	336782	6253460	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,2025

Report generated by AHIMS Web Service on 17/04/2020 for Balazs Hansel for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 60

This information is not guaranteed to be free from error omission. Office of Environment and Heritage (NSW) and its employees disclaim liability for any act done or omission made on the information and consequences of such acts or omission.

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig,Michael Guider					<u>Permits</u>		
45-6-2066	Red Ochre Fish	AGD	56	337481	6253127	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1809,1895,2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2068	Shell Cove 2	GDA	56	335784	6254190	Open site	Valid	Shell : -, Artefact : -	Midden	1809
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-2069	Shell Cove 1	GDA	56	335844	6254100	Open site	Valid	Shell : -, Artefact : -	Midden	1809
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-2071	Cremorne Pt. 1	GDA	56	336464	6253305	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	<u>Contact</u>	<u>Recorders</u>	Michael Guider,Aboriginal Heritage Office					<u>Permits</u>		
45-6-1896	Chowder Head	AGD	56	338303	6253598	Open site	Valid	Shell : -, Artefact : -	Midden	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-1897	Chowder Head 1	AGD	56	338161	6253587	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -, Artefact : -	Midden,Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-1898	The Balcony	AGD	56	338343	6253710	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-1899	Chowder Head 2	AGD	56	338036	6253594	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	2025
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig,Michael Guider					<u>Permits</u>		
45-6-1905	Reid Park 2;Mosman;	AGD	56	336500	6254600	Open site	Valid	Shell : -, Artefact : -	Midden	2025
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig,Michael Guider					<u>Permits</u>		
45-6-1906	Reid Park 1;Mosman;	AGD	56	336300	6254500	Open site	Valid	Shell : -, Artefact : -	Midden	2025
	<u>Contact</u>	<u>Recorders</u>	Margrit Koettig,Michael Guider					<u>Permits</u>		
45-6-2206	Reid Park 3;Mosman;	AGD	56	336357	6254502	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2208	Bradleys Beach rock shelter	AGD	56	337751	6252663	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1895,2025
	<u>Contact</u>	<u>Recorders</u>	Andrew Ross					<u>Permits</u>		
45-6-2117	Clifton Cave;	AGD	56	338209	6253889	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>	Michael Guider					<u>Permits</u>		
45-6-2118	Mosman Bradley's Head	AGD	56	337474	6253300	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1895,2025

Report generated by AHIMS Web Service on 17/04/2020 for Balazs Hansel for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 60

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2119	Mosman Athol Beach	AGD	56	337460	6253150	Open site	Valid	Artefact : -	Open Camp Site	1895,2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2121	Cremorne Pt. 3;	AGD	56	336170	6253490	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2123	The Barn Cave;Mosman;	AGD	56	336450	6254290	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>	2106	
45-6-2124	Chowder Head 2;	AGD	56	338188	6253961	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2130	Athol Bay Cave;Mosman;Taronga Park Zoo;	AGD	56	337250	6253390	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2143	Cremorne Point West (duplicate copy 45-6-0273 and 45-2-0274)	GDA	56	335770	6253800	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,1911
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2178	Shark Island 2;	GDA	56	338802	6252265	Open site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2323	Birds Nest Cave;Clifton Gardens;	AGD	56	337530	6253810	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2327	Chowder Bay;Clifton Gardens;	AGD	56	338350	6254200	Open site	Valid	Shell : -, Artefact : -	Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2329	Chowder Head 3;Clifton Gardens;	AGD	56	338330	6253790	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2330	Two Fish;Clifton Gardens;	AGD	56	338370	6253650	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2331	Koree Cave	AGD	56	338450	6254370	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2332	Clifton Reserve 1;Clifton Gardens;	AGD	56	338100	6254160	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	

Report generated by AHIMS Web Service on 17/04/2020 for Balazs Hansel for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 60

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2333	Shale Cave;Clifton Gardens;	AGD	56	338330	6253610	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2334	Chowder Head 5;Clifton Gardens;	AGD	56	338390	6253590	Open site	Valid	Shell : -, Artefact : -	Midden	
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2042	Ashton park	AGD	56	337730	6252728	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1809,1895,2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0656	Mosman Bay	AGD	56	336428	6254573	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0658	Crows Nest;Avenue Rd;	AGD	56	336611	6254095	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0665	Mosman Bay;	AGD	56	337100	6254800	Open site	Deleted	Art (Pigment or Engraved) : -	Rock Engraving	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0674	Bradley's Head;Taylor's Bay;	AGD	56	337900	6253662	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-1701	Little Sirius Cove Midden;	AGD	56	336837	6253788	Closed site	Valid	Artefact : -, Shell : -	Midden,Shelter with Deposit	1293,2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-1702	Sirius Park Midden;	AGD	56	336850	6253973	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1293,1809,2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-0028	Taylor's Bay;Chowder Head;	AGD	56	337900	6253700	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	2025
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2080	Cremorne Pt 2	GDA	56	336374	6253380	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1809
	<u>Contact</u>	<u>Recorders</u>						<u>Permits</u>		
45-6-2807	Bradleys Head East 1	AGD	56	337739	6253143	Open site	Valid	Habitation Structure : 1, Shell : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		
45-6-2808	Bradleys Head East 2	AGD	56	337794	6253270	Open site	Valid	Habitation Structure : 1, Shell : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>						<u>Permits</u>		

Report generated by AHIMS Web Service on 17/04/2020 for Balazs Hansel for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 60

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AHIMS Web Services (AWS)

Extensive search - Site list report

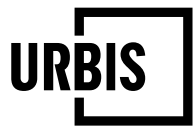
Your Ref/PO Number : P0022459 - 1

Client Service ID : 497886

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2812	Fire Trail PAD 1	AGD	56	338710	6254995	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u> T Russell	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2814	Fire Trail PAD 2	AGD	56	338690	6255025	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	<u>Contact</u> T Russell	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2816	Little Fish Park Midden	AGD	56	336858	6254073	Open site	Valid	Habitation Structure : 1, Shell : 1		
	<u>Contact</u> T Russell	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2818	Chowder Head 4	AGD	56	338300	6253800	Open site	Valid	Habitation Structure : 1, Earth Mound : 1		
	<u>Contact</u> S Scanlon	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2819	Chowder Head 5	AGD	56	338266	6253757	Open site	Valid	Habitation Structure : 1, Earth Mound : 1		
	<u>Contact</u> S Scanlon	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		
45-6-2820	Chowder Head 6	AGD	56	338231	6253853	Open site	Valid	Habitation Structure : 1		
	<u>Contact</u> S Scanlon	<u>Recorders</u> Matthew Kelleher						<u>Permits</u>		

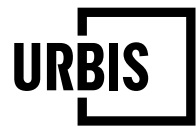
Report generated by AHIMS Web Service on 17/04/2020 for Balazs Hansel for the following area at Datum :GDA, Zone : 56, Eastings : 335918 - 338654, Northings : 6252406 - 6255272 with a Buffer of 200 meters. Additional Info : Archaeological Assessment. Number of Aboriginal sites and Aboriginal objects found is 60

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APPENDIX 4 – QUESTIONNAIRE

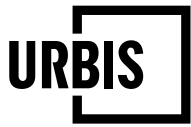
1. Cultural connection: Please describe the nature of your cultural connection to the country on which the subject area is situated. Please include any relevant cultural knowledge or knowledge of Aboriginal objects or places within the subject area. Have you ever lived in or near the subject area? If you are a Traditional Owner, please state this clearly.



2. **Representing your community members: Please state who you or your organisation represents. Do you or your organisation represent other members of the Aboriginal community? If so, please describe how information is provided to the other members, and how their information and knowledge may be provided back to the Proponent and Urbis.**



3. **Previous experience:** Please list your relevant (for example, in the area of the proposed project) previous experience in providing cultural heritage advice and survey participation.



4. **Schedule of Rates:** Please provide your Certificate of Currency including Product and Public Liability Insurance and Worker's Compensation. Please also schedule of rates (hourly/half day/day) for fieldwork participation, and include any expenses you may expect to incur, and these will be sought to be reimbursed. Please note that it is for the discretion for the Proponent to decide if they invite RAPs for site works and the consultation process does not guarantee paid employment.

STAGES 2 & 3 – PROJECT UPDATE

From: [Aaron Olsen](#)
Cc: [Balazs Hansel](#); [Aaron Olsen](#)
Bcc: [REDACTED]
Subject: Taronga Zoo (Upper Australia Precinct) - Aboriginal Cultural Heritage Assessment - Aboriginal Community Consultation - Invitation for Site Visit
Date: Wednesday, 1 July 2020 1:48:00 PM
Attachments: [P0022459_TarongaZoo_Site_Inspection_D01.pdf](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Good afternoon

As per our previous correspondence throughout Stage 1, 2 and 3 of the ACHA process, you and/or your organisation have been included in the consultation by Taronga Conservation Society Australia (the Proponent) to conduct an Aboriginal Cultural Heritage Assessment (ACHA) for Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred to as 'the subject area').

The Proponent can be contacted via:

Kristine Marshall

Senior Project Manager

Taronga Conservation Society Australia

[REDACTED]

[REDACTED]

The Proponent invites one site officer from each Registered Aboriginal Parties for a site visit that will be held next Tuesday, the 7th July 2020. The inspection will take around 1-2 hours and the final meeting time will be discussed as soon as the below details are provided.

The site visit will involve:

- Short walkover of the subject area, discussion of the proposed works and the results of the assessment as provided in the Stage 2 and 3 correspondence.

Registered Aboriginal Parties will have the opportunity to provide verbal feedback on site and also submit any written information as a hard copy.

Should you wish to register your interest in this site visit, please respond in writing and provide the following:

- Digital copy of your Certificate of currency, including public liability insurance and workers' compensation insurance.
- Hourly rates for site visit. Final rate to be paid will have to be approved by the Proponent and might be an overall rate for all RAPs. Please note that it will be a maximum of 2 hours on site that can be charged, and no travel time will be included.
- Name and contact details of the nominated site officer.

Please provide the above details by midday Friday the **3rd July 2020**.

Please send responses to the following:

Balazs Hansel

Heritage Consultant
Urbis
bhansel@urbis.com.au
0499 986 833
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please be advised that in accordance to Section 3.4 of the Consultation Requirements, inclusion in the consultation process does not automatically result in paid site assessment. The decision on who is engaged for delivering particular services is decided by the proponent and will be based on a range of considerations including skills, relevant experience, and providing necessary certificates of currency.

Please also be advised that due to the current environment around social distancing rules for COVID19, there will be additional measures implemented that everyone will need to be adhered to, including not attending site visit if you feel unwell or have been sick with the relevant symptoms. These will be detailed in the formal invitation after the required information is provided.

Please do not hesitate to contact us should you have any queries in relation to the provided information.

Our official letter is attached.

Kind regards

AARON OLSEN

HERITAGE ASSISTANT

D +61 2 8233 9957

T +61 2 8233 9900

E aolsen@urbis.com.au

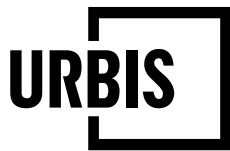
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SYDNEY NSW 2000**

URBIS.COM.AU
Urbis Pty Ltd
ABN 50 105 256 228

1 July 2020

To whom it may concern ,

TARONGA ZOO (UPPER AUSTRALIA PRECINCT) - ABORIGINAL CULTURAL HERITAGE ASSESSMENT – ABORIGINAL COMMUNITY CONSULTATION - INVITATION FOR SITE VISIT

As per our previous correspondence throughout Stage 1, 2 and 3 of the ACHA process, you and/or your organisation have been included in the consultation by Taronga Conservation Society Australia (the Proponent) to conduct an Aboriginal Cultural Heritage Assessment (ACHA) for Taronga Zoo, Bradleys Head Road, Mosman, Lot 22 DP 843294, NSW (hereafter referred to as 'the subject area').

The Proponent can be contacted via:

Kristine Marshall
Senior Project Manager
Taronga Conservation Society Australia

The Proponent invites one site officer from each Registered Aboriginal Parties for a site visit that will be held next Tuesday, the 7 July 2020. The inspection will take around 1-2 hours and the final meeting time will be discussed as soon as the below details are provided.

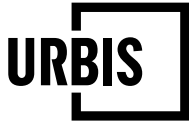
The site visit will involve:

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Registered Aboriginal Parties will have the opportunity to provide verbal feedback on site and also submit any written information as a hard copy.

Should you wish to register your interest in this site visit, please respond in writing and provide the following:

- Digital copy of your Certificate of currency, including public liability insurance and workers' compensation insurance.
- Hourly rates for site visit. Final rate to be paid will have to be approved by the Proponent and might be an overall rate for all RAPs. Please note that it will be a maximum of 2 hours on site that can be charged, and no travel time will be included.
- Name and contact details of the nominated site officer.



Please provide the above details by midday Friday the **3rd July 2020**.

Please send responses to the following:

Balazs Hansel
Heritage Consultant
Urbis
bhansel@urbis.com.au
0499 986 833
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

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Please also be advised that due to the current environment around social distancing rules for COVID19, there will be additional measures implemented that everyone will need to be adhered to, including not attending site visit if you feel unwell or have been sick with the relevant symptoms. These will be detailed in the formal invitation after the required information is provided.

Please do not hesitate to contact us should you have any queries in relation to the provided information.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Balazs Hansel".

Balazs Hansel
Associate Director
+61 2 8233 7668
bhansel@urbis.com.au

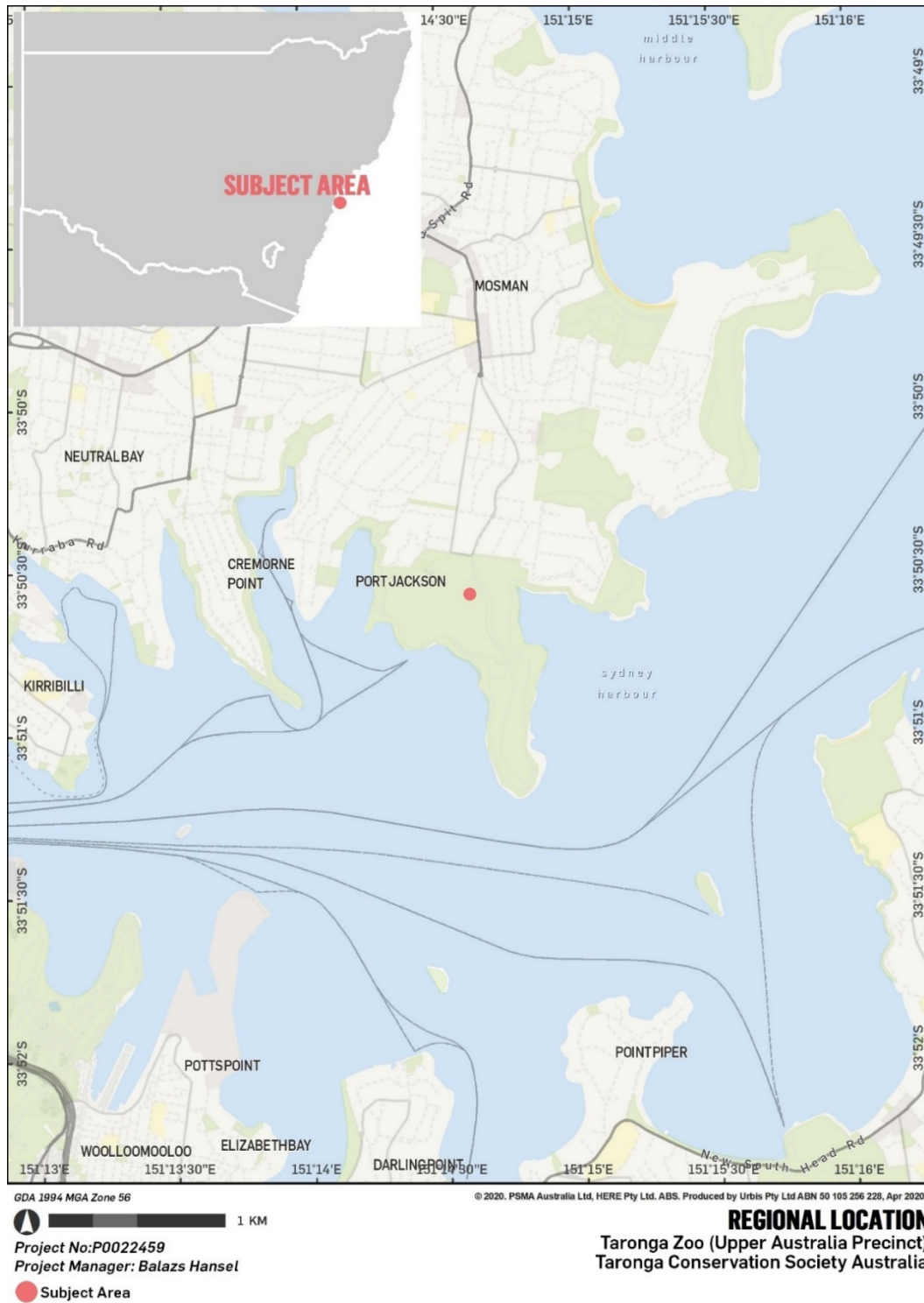


Figure 1 – Regional Location of the subject area

STAGE 4.2 – DRAFT ACHAR

From: [Balazs Hansel](#)
To: [Balazs Hansel](#)
Cc: [Alexandra Ribeny](#); [Aaron Olsen](#); [Kristine Marshall](#)
Subject: Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR
Date: Friday, 31 July 2020 11:23:19 AM
Attachments: [P22495_TarongaZoo_D003_ACHA_reduced.pdf](#)
[image001.gif](#)
[image002.png](#)
[image004.png](#)
[image006.png](#)
[image008.png](#)
[image010.png](#)

Dear All,

In accordance with Section 4.4 - Stage 4 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW 2010) please find attached the draft Aboriginal Cultural Heritage Assessment Report (ACHAR) for the above listed project, for your review.

Please note that the **yellow highlight** in the attached draft ACHAR marks sections that will be finalised following the close of Stage 4 and will include your comments and feedback as well.

Please supply any comments to the details provided below:

Aaron Olsen
Assistant Archaeologist
Urbis
aolsen@urbis.com.au
02 8233 9900
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please provide your comments before **5 pm the 31 August 2020**. Comment and feedback received after this date might be excluded from the final report.

Please do not hesitate to contact either Aaron or myself should you have any questions.

Kind Regards,

BALAZS HANSEL

ASSOCIATE DIRECTOR

D +61 2 8233 7668

T +61 2 8233 9900

M +61 499 986 833

E bhansel@urbis.com.au

[Urbis Website](#)



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From: [Aaron Olsen](#)
To: [REDACTED]
Cc: [Balazs Hansel](#); [Nathan Moran](#)
Subject: RE: Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR
Date: Thursday, 6 August 2020 2:19:00 PM
Attachments: [P22495_TarongaZoo_D003_ACHA_reduced.pdf](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image010.png](#)
[image011.png](#)
[image013.png](#)
[image015.png](#)

Dear Selina & Nathan

Just a quick email to check that you received our email below regarding Stage 4 of the consultation process for Taronga Zoo.

I have re-attached the draft ACHAR for your convenience.

If you wish to provide any comments, please do so before **5 pm the 31 August 2020**.

Kind regards

Aaron

AARON OLSEN
HERITAGE ASSISTANT
D +61 2 8233 9957
T +61 2 8233 9900
E aolsen@urbis.com.au

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From: Balazs Hansel <bhansel@urbis.com.au>
Sent: Friday, 31 July 2020 11:20 AM
To: Balazs Hansel <bhansel@urbis.com.au>
Cc: Alexandra Ribeny <aribeny@urbis.com.au>; Aaron Olsen <aolsen@urbis.com.au>; Kristine

Marshall <[REDACTED]>

Subject: Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR

Dear All,

In accordance with Section 4.4 - Stage 4 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW 2010) please find attached the draft Aboriginal Cultural Heritage Assessment Report (ACHAR) for the above listed project, for your review.

Please note that the **yellow highlight** in the attached draft ACHAR marks sections that will be finalised following the close of Stage 4 and will include your comments and feedback as well.

Please supply any comments to the details provided below:

Aaron Olsen
Assistant Archaeologist
Urbis
aolsen@urbis.com.au
02 8233 9900
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please provide your comments before **5 pm the 31 August 2020**. Comment and feedback received after this date might be excluded from the final report.

Please do not hesitate to contact either Aaron or myself should you have any questions.

Kind Regards,

BALAZS HANSEL

ASSOCIATE DIRECTOR

D +61 2 8233 7668

T +61 2 8233 9900

M +61 499 986 833

E bhansel@urbis.com.au

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STAGE 4.3 – RAP COMMENTS

From: [Carolyn .H](#)
To: [Balazs Hansel](#)
Subject: Re: Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR
Date: Sunday, 9 August 2020 3:52:20 PM
Attachments: [image001.gif](#)
[image002.png](#)
[image004.png](#)
[image006.png](#)
[image008.png](#)
[image010.png](#)
[Outlook-4aphzosf.jpg](#)



Contact: Carolyn Hickey



Hi,

I have reviewed the document and support the Excavation Draft ACHAR.

Thank you

Carolyn Hickey

From: Balazs Hansel <bhansel@urbis.com.au>
Sent: Friday, 31 July 2020 11:19 AM
To: Balazs Hansel <bhansel@urbis.com.au>
Cc: Alexandra Ribeny <aribeny@urbis.com.au>; Aaron Olsen <aolsen@urbis.com.au>; Kristine Marshall <[REDACTED]>
Subject: Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR

Dear All,

In accordance with Section 4.4 - Stage 4 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW 2010) please find attached the draft Aboriginal Cultural Heritage Assessment Report (ACHAR) for the above listed project, for your review.

Please note that the **yellow highlight** in the attached draft ACHAR marks sections that will be finalised following the close of Stage 4 and will include your comments and feedback as well.

Please supply any comments to the details provided below:

Aaron Olsen
Assistant Archaeologist
Urbis
aolsen@urbis.com.au
02 8233 9900
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please provide your comments before **5 pm the 31 August 2020**. Comment and feedback received after this date might be excluded from the final report.

Please do not hesitate to contact either Aaron or myself should you have any questions.

Kind Regards,

BALAZS HANSEL

ASSOCIATE DIRECTOR

D +61 2 8233 7668

T +61 2 8233 9900

M +61 499 986 833

E bhansel@urbis.com.au

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From: [Nathan Moran](#)
To: [Balazs Hansel](#)
Cc: [Alexandra Ribeny](#); [Aaron Olsen](#); [Kristine Marshall](#); [Cultural Heritage](#)
Subject: MLALC report 27/8/2020 RE Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR
Date: Friday, 28 August 2020 11:57:27 AM
Attachments: [image003.jpg](#)
[image005.gif](#)
[image001.png](#)
[image002.png](#)
[image004.png](#)
[image006.png](#)
[image008.png](#)
[MLALC CH report Letter Taronga Zoo 27th August 2020.pdf](#)

Aaron Olsen
Assistant Archaeologist Urbis

Hi Aaron,

Please find attached MLALC report 27/8/2020 RE Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR.

Should you want and or require any clarification or additional information please feel free to liaise with Selina Timothy culturalheritage@metrolalc.org.au and in her absence myself.

Look forward to speaking soon.

Yours In Unity
Nathan Moran
Chief Executive Officer



Metropolitan Local Aboriginal Land Council (MLALC)
72 Renwick Street, Redfern NSW 2016 | PO Box 1103, Strawberry Hills NSW 2012
B:(02) 8394 9666 | F: (02)8394 9733 | W: www.metrolalc.org.au

Bujari gamarruwa – 'good day' in the local Gadigal language of the Eora Nation

MLALC acknowledge the Eora Nation as the traditional owners of the area MLALC operates.

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From: Balazs Hansel <bhansel@urbis.com.au>
Sent: Friday, 31 July 2020 11:20 AM
To: Balazs Hansel <bhansel@urbis.com.au>
Cc: Alexandra Ribeny <aribeny@urbis.com.au>; Aaron Olsen <aolsen@urbis.com.au>; Kristine Marshall [REDACTED]
Subject: Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR

Dear All,

In accordance with Section 4.4 - Stage 4 of the *Aboriginal cultural heritage consultation requirements*

for proponents (DECCW 2010) please find attached the draft Aboriginal Cultural Heritage Assessment Report (ACHAR) for the above listed project, for your review.

Please note that the **yellow highlight** in the attached draft ACHAR marks sections that will be finalised following the close of Stage 4 and will include your comments and feedback as well.

Please supply any comments to the details provided below:

Aaron Olsen
Assistant Archaeologist
Urbis
aolsen@urbis.com.au
02 8233 9900
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please provide your comments before **5 pm the 31 August 2020**. Comment and feedback received after this date might be excluded from the final report.

Please do not hesitate to contact either Aaron or myself should you have any questions.

Kind Regards,

BALAZS HANSEL

ASSOCIATE DIRECTOR

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Metropolitan Local Aboriginal Land Council
36-38 George Street Redfern NSW 2016
PO Box 1103 Strawberry Hills NSW 2012
Telephone: (02) 8394 9666 Fax: (02) 8394 9733
Email: officeadmin@metrolalc.org.au

Aaron Olsen
Assistant Archaeologist
Urbis
aolsen@urbis.com.au
02 8233 9900
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Thursday 27th August 2020

Reply and input for Taronga Zoo Redevelopment proposal Upper Australia Precinct

Property/Inspection Description

MLALC conducted Culture Heritage Assessment for Taronga Zoo proposed redevelopment

Aboriginal Heritage

MLALC notes that the site is known to be of high cultural significance to Gammarigal the traditional Aboriginal people of the locality and presume they would have used the area in the past as an important place of trade gatherings.

The indication of Aboriginal occupations elsewhere in the vicinity is obvious with the surrounding landscape usage and the significance for Aboriginal people past and present.

All parts of Sydney hold significance to Aboriginal people and the preservation and conservation of some sites are of high importance for our connection to Country.

MLALC would like to request and propose a need for Aboriginal language to be utilized in any visual interpretation, naming conventions and/or outputs that stemmed from the project and to have native plant with seasonal fruits in the landscaping and as mentioned Aboriginal words to be used in the Garden.

Please note that MLALC was part of prior Culture Heritage Assessment at Taronga Zoo lead by Mr Domonic Steele a number of years ago.

Conclusions and Recommendations

If any cultural materials are unearthed during any stages of the proposed development then all works are to cease and MLALC and Gina Lewis Asset Manager are to be contacted immediately.

Cultural significant objects found during works carried out are to be cared, respected and recorded in the correct way.

After proposed removal of trees is finalised, MLALC suggestions of landscapes of native vegetation be planted and suggestions of local Aboriginal language names of the area to be used as interpretation panels/signs be erected to ensure we show appropriate respect and care of the land on which we live/work and study on.

MLALC C&H Officer notes it apparently did not receive an invited for Stage 2 and Stage 3 for site visits undertaken.

Consultation Process

- Providing relevant information about Cultural significance and values of Aboriginal objects and/or places.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects and/or places.
- Actively contributing to the development of Cultural Heritage management options and recommendations for any Aboriginal objects and/or places within the proposed subject area.
- Commenting on draft assessment reports before they are submitted by the proponent to the DPIE
- MLALC is extremely concerned that the Aboriginal parties whom participated are not and are not known to MLALC as having any cultural knowledge of the location

Review of Draft ACHAR

The Aim of stage 4 is to prepare, and report finalise an ACHAR with input from registered Aboriginal Parties

MLALC has reviewed the report provided and raises the following:

Non registered Traditional owners claiming to speak as Traditional owners.

This can be confirmed through both NSW Registrar Aboriginal Land Rights & National Native Title Tribunal.

MLALC is extremely concerned that Taronga Zoo has apparently appointed Traditional Owners rather than liaising with MLALC as the representative body for all Aboriginal of the area the Zoo operates.

Assessment of Identified Values

Summary of Cultural Value- The RAPS have provided the following information on social and/or Cultural Values

Historic Value- The RAPS have provided the following information on historic values.

- As a general recommendation from MLALC if Human burials or remains and or cultural materials are unearthed during any stages and are exposed standard stop-work procedures and protocols should be followed and advise to contact appropriate authorities and if suspected to be of Aboriginal origin the Heritage Community Engagement Department of Premier and Cabinet and MLALC to be contacted and need to be notified of the discovery immediately.
- MLALC also affirm that whilst the site has had large disturbance and or use it still remains a high and or probability that Gammarigal Culture Heritage remains and may be affected by works planned

Cultural significance objects found during works carried out should be Cared, respected, and recorded in a correct manner in accordance with guidelines.

After proposed development is finalised MLALC suggests that the landscapes of native vegetation to be planted and suggestions of Gammarigal language names be used for places, animals and plants.

MLALC encourages that Aboriginal language be utilised in any naming conventions or outputs that may occur and stem from the project and MLALC to be notified and made aware of wordings on interpretive signage.

If you require further information, please do not hesitate in contacting the MLALC Office for assistance

Aboriginal Cultural Heritage Management Recommendations

- Bring together various stakeholders and groups to work collectively towards the goal and aims of Aboriginal Cultural Heritage management.
- Use cultural awareness training to reinforce community understanding of Aboriginal sites.
- Ensure Aboriginal sites are regularly monitored and maintained. The maintenance and monitoring of sites should be done by Cultural Heritage officers in collaboration with the local Aboriginal community.

Conclusion and Recommendations:

That Taronga Zoo:

1. Recognise that the site is and always will be part of Gammarigal estate being the custodians and or owners of the site and surrounding area.
2. Acknowledge the Gammarigal had used the locality and site as an open art gallery to depict their
3. Provide a final report on the proposal outlining and addressing how it will manage Culture Heritage materials recovered and or uncovered during works proposed.

If you require further information please do not hesitate in contacting the MLALC Office for assistance.

Regards,

Selina Timothy

Culture and Heritage Officer

Metropolitan Local Aboriginal Land Council (MLALC)

From: [Balazs Hansel](#)
To: [Cultural Heritage](#)
Cc: [Alexandra Ribeny](#); [Aaron Olsen](#); [Kristine Marshall](#); [Nathan Moran](#)
Subject: RE: MLALC report 27/8/2020 RE Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR
Date: Friday, 28 August 2020 1:05:00 PM
Attachments: [image018.jpg](#)
[image001.gif](#)
[image002.png](#)
[image004.png](#)
[image006.png](#)
[image008.png](#)
[image009.png](#)
[image011.png](#)
[image017.png](#)
[image022.png](#)
[image024.png](#)
[image026.png](#)

Dear Nathan and Selina,

Thank you very much for your feedback. WE will include your letter in full in the Final ACHAR and will address all matters raised in the relevant section.

Please be reassured that Urbis understands the importance of community consultation and will make all efforts to inform all registered parties in relation to the project going forward.

As per your concern for the invitation for the Stage 2 and 3 site inspection, please note that Urbis contacted the MLALC via email at 1:49pm on the 1 July and we also made an attempt to call your offices on the same day to ensure that the invitation was read. Unfortunately we have received no response to the email and also no call back from you and Please provide us any additional contact details that would ensure that in the future we can reach your offices or your nominated site officer for any information on this and any other future projects.

I will provide detailed response to all of the matters raised in your email.

WE will be in touch soon with the final version of the ACHAR.

In the meantime, please do not hesitate to contact myself should you have any questions in relation to the project.

Regards,

BALAZS HANSEL

ASSOCIATE DIRECTOR

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From: Nathan Moran [REDACTED]
Sent: Friday, 28 August 2020 11:57 AM
To: Balazs Hansel <bhansel@urbis.com.au>
Cc: Alexandra Ribeny <aribeny@urbis.com.au>; Aaron Olsen <aolsen@urbis.com.au>; Kristine Marshall [REDACTED]; Cultural Heritage <[REDACTED]>
Subject: MLALC report 27/8/2020 RE Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR

Aaron Olsen
Assistant Archaeologist Urbis

Hi Aaron,

Please find attached MLALC report 27/8/2020 RE Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR.

Should you want and or require any clarification or additional information please feel free to liaise with Selina Timothy [REDACTED] and in her absence myself.

Look forward to speaking soon.

Yours In Unity
Nathan Moran
Chief Executive Officer



Metropolitan Local Aboriginal Land Council (MLALC)
72 Renwick Street, Redfern NSW 2016 | PO Box 1103, Strawberry Hills NSW 2012
B:(02) 8394 9666 | F: (02)8394 9733 | W: www.metrolalc.org.au

Bujari gamarruwa – 'good day' in the local Gadigal language of the Eora Nation

MLALC acknowledge the Eora Nation as the traditional owners of the area MLALC operates.

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From: Balazs Hansel <bhansel@urbis.com.au>
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Cc: Alexandra Ribeny <aribeny@urbis.com.au>; Aaron Olsen <aolsen@urbis.com.au>; Kristine Marshall <k[REDACTED]>
Subject: Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR

Dear All,

In accordance with Section 4.4 - Stage 4 of the *Aboriginal cultural heritage consultation requirements for proponents* (DECCW 2010) please find attached the draft Aboriginal Cultural Heritage Assessment Report (ACHAR) for the above listed project, for your review.

Please note that the **yellow highlight** in the attached draft ACHAR marks sections that will be finalised following the close of Stage 4 and will include your comments and feedback as well.

Please supply any comments to the details provided below:

Aaron Olsen
Assistant Archaeologist
Urbis
aolsen@urbis.com.au
02 8233 9900
Level 8 123 Pitt Street,
Sydney, NSW, 2000.

Please provide your comments before **5 pm the 31 August 2020**. Comment and feedback received after this date might be excluded from the final report.

Please do not hesitate to contact either Aaron or myself should you have any questions.

Kind Regards,

BALAZS HANSEL

ASSOCIATE DIRECTOR

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[Urbis Website](#)



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From: [Phillip Boney](#)
To: [Aaron Olsen](#)
Subject: Taronga Zoo, Upper Australia Precinct - Stage 4 of community consultation - review of Draft ACHAR
Date: Wednesday, 19 August 2020 3:53:27 PM

Hi Aaron,

Phil Boney here. Looking at the Taronga zoo project I think there is potential to be Aboriginal significance culturally on a very low scale looking at the disturbance of the affected area. But that's not to say just to be sure for testing just to be sure.

Regards, Phil Boney
Wailwan Aboriginal Group

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APPENDIX D

CONSULTATION LOG

Date	Time	Type	Contacted	Contacted Individual	Contacted by	Contacted by Individual	Subject	Reply	Follow-up needed?	Person actioned	Comment	Included in Appendix
Stage 1 Agency notice												
16/04/2020	10:40am	email	NNTT	n/a	Urbis	Aaron Olsen (AO)	Native Title Search	native title not applicable	n/a	AO	n/a	Y
17/04/2020	2:13pm	email	Urbis	AO	NNTT	n/a	Native Title Search	native title not applicable	n/a	AO	n/a	Y
27/04/2020	4:56pm	email	DPIE	n/a	Urbis	Alexandra Ribeny (AR)	Stage 1.2 Agency Notice			AO	n/a	Y
27/04/2020	4:58pm	email	GSLLS	n/a	Urbis	AR	Stage 1.2 Agency Notice			AO	n/a	Y
27/04/2020	5:01pm	email	MLALC	n/a	Urbis	AR	Stage 1.2 Agency Notice			AO	n/a	Y
27/04/2020	5:04pm	email	Mosman Council	n/a	Urbis	AR	Stage 1.2 Agency Notice			AO	n/a	Y
27/04/2020	5:07pm	email	NTSCorp	n/a	Urbis	AR	Stage 1.2 Agency Notice			AO	n/a	Y
27/04/2020	5:09pm	email	ORALRA	n/a	Urbis	AR	Stage 1.2 Agency Notice			AO	n/a	Y
7/05/2020	11:00am	email	Mosman Council	n/a	Urbis	Meggan Walker (MW)	Stage 1.2 Agency Notice Follow Up			AO	n/a	Y
7/05/2020	11:01am	email	NTSCorp	n/a	Urbis	MW	Stage 1.2 Agency Notice Follow Up			AO	n/a	Y
7/05/2020	11:07am	email	DPIE	n/a	Urbis	MW	Stage 1.2 Agency Notice Follow Up			AO	n/a	Y
7/05/2020	11:08am	email	ORALRA	n/a	Urbis	MW	Stage 1.2 Agency Notice Follow Up			AO	n/a	Y
7/05/2020	11:11am	email	MLALC	n/a	Urbis	MW	Stage 1.2 Agency Notice Follow Up			AO	n/a	Y
7/05/2020	11:38am	email	GSLLS	n/a	Urbis	MW	Stage 1.2 Agency Notice Follow Up			AO	n/a	Y
8/05/2020	8:59am	email	Urbis	Aaron Olsen	DPIE	Barry Gunther	Stage 1.2 Agency Notice	provided stakeholder list	n/a	AO	n/a	Y
8/05/2020	11:07am	email	Urbis	Meggan Walker	DPIE	Barry Gunther	Stage 1.2 Agency Notice	provided stakeholder list	n/a	MW	n/a	N
12/05/2020	8:22am	email	Urbis	Aaron Olsen	MLALC	Nathan Moran	Stage 1.2 Agency Notice	registered for the project	n/a	MW	n/a	Y
14/05/2020	8:43am	email	Urbis	Meggan Walker	Mosman Council	Steven Smith	Stage 1.2 Agency Notice	identified the AMBS 2005 study	n/a	MW	N/A	Y
20/05/2020	n/a	newspaper	n/a	n/a	n/a	n/a	public notice published	consult period closes 3rd June	n/a	MW	N/A	Y
Stage 1 RAP notice/advertisement												
15/05/2020		email	identified potential RAPs	n/a	Urbis	MW	Stage 1.3 invitation to register	Registration open until 3rd June	follow up a week before closing	MW	N/A	Y
15/05/2020		letter	identified potential RAPs	n/a	Urbis	MW	Stage 1.3 invitation to register	Registration open until 3rd June	follow up a week before closing	MW	N/A	Y
19/05/2020	6:50pm	email	Urbis	AR	Wailwan Aboriginal Group	Phil Boney	Stage 1.3 invitation to register	registered for the project	n/a	AO	n/a	Y
20/05/2020	9:00am	letter	identified potential RAPs with no email address	identified potential RAPs with no email address	Urbis	Balazs Hansel	Stage 1.3 invitation to register	N/A	N/A	BH	N/A	N
22/05/2020	12:42pm	email	Urbis	MW	Merrigarn	Shaun Carroll	Stage 1.3 invitation to register	registered for the project	N/A	MW	newspaper registration	Y
24/05/2020	7:01pm	email	Urbis	MW	A1 Indigenous Services	Carolyn Hickey	Stage 1.3 invitation to register	registered for the project	N/A	MW	N/A	Y
26/05/2020	6:50am	email	Urbis	AR	Goobah Developments	Basil Smith	Stage 1.3 invitation to register	registered for the project	N/A	MW	N/A	Y
27/05/2020	1:05pm	email	Urbis	Meggan Walker	DNC	Lilly Carroll	Stage 1.3 invitation to register	registered for the project	N/A	MW	N/A	Y
1/06/2020	9:51am	email	urbis	Meggan Walker	Dennis Foley	Dennis Foley	Stage 1.3 invitation to register	registered for the project	N/A	MW	DO NOT PASS DETAILS TO LALC- SPECIFIC REQUEST	Y
1/06/2020	1:14pm	email	Urbis	Meggan Walker	The Gaimaragal Group	Susan Moylan-Coombs	Stage 1.3 invitation to register	registered for the project	N/A	MW	did not specify project registering for nor respond to requests for information. Registered therefore for both Teleopa and Taronga	Y
3/06/2020	11:34pm	email	Urbis	Meggan Walker	Frances Bodkin & Gavin Andrews	Frances Bodkin	Stage 1.3 invitation to register	registered for the project	N/A	MW	Teleopa and Taronga	Y
5/06/2020	1:59am	Email	Urbis	MW	Butucarbin	Lowanna Gibson	Stage 1 registration	Registered for project	N/A	MW	Late registration.	Y
Stage 2 and 3												
5/06/2020	1:03pm	email	All RAPs	N/A	Urbis	MW	Stage 2 & 3 project information	n/a	reminder email in 2 weeks time	MW	N/A	Y
8/06/2020	8:57am	email	Urbis	MW	Caroline Glass-Pattison	N/Ale	stage 1 registration	confirmed registration as late, sent stage 2/3 doc	reminder email in 2 weeks time	MW	Late registration.	Y
9/06/2020	n/a	email	DPIE/MLALC	n/a	Urbis	AO	List of registered Aboriginal parties	n/a	n/a	AO		Y
22/06/2020	11:54am	phone call	Wailwan Aboriginal Group	Phil Boney	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback	Phone disconnected Confirmed that she has not yet had an opportunity to read through documentation but will send through questionnaire responses this evening. Has no further queries at this time.	n/a	AR		N
22/06/2020	11:59am	phone call	A1 Indigenous Services	Carolyn Hickey	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback	Phone disconnected	No	AR		N
22/06/2020	12:03pm	phone call	Merrigarn	Shaun Carroll	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback	Computer has been playing up. Requested that I re-send Stage 2.3 Presentation of Information document through. Has no further queries at this time.	Stage 2.3 Presentation of Information resent.	AR		N
22/06/2020	12:05pm	phone call	Goobah Developments	Basil Smith	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback	Rang out. Left message. Returned my call. Has read through all of the documentation and is happy with the proposal. Has no further comments or information about the cultural heritage values of the site.	n/a	AR		N
22/06/2020	12:11pm	phone call	DNC	Lilly Carroll	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback	Has not yet had an opportunity to read Stage 2.3 letter. Would prefer to respond in detail and to the questionnaire so I reiterated the deadline. No further queries at this time.	No	AR		N
22/06/2020	12:15pm	phone call	The Gaimaragal Group	Susan Moylan-Coombs	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback	Rang out. Left message.	n/a	AR		N
22/06/2020	12:23pm	phone call	Butucarbin	Lowanna Gibson	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback	Rang out.	n/a	AR		N
22/06/2020	02:27pm	phone call	MLALC	Selina Timothy	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback	Has read through the Stage 2.3 letter and prepared some feedback already. Was not aware of the survey at the end and said he would respond to that also. Will be providing extensive feedback on intangible heritage values.	No	AR		N
24/06/2020	09:50am	phone call	N/A	Dennis Foley	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback		No	AR		N

24/06/2020	phone call	Taronga Advisory Group	Simon Duffy	Urbis	Alexandra Ribeny	Stages 2 & 3 feedback	Phone call to Kristine who confirmed that Simon is happy to be representative for Advisory Group. Confirmed he is very busy but will provide feedback next week via Kristine.	AR			N
1/07/2020 1:48pm	email	All RAPs	N/A	Urbis	AO	Site Visit Invitation	n/a	Phone Call in 2 Hours	AO	n/a	Y
1/07/2020 2:37pm	email	Urbis	AO/BH	Dennis Foley	Dennis Foley	Site Visit Invitation	Noted short notice of invitation. Requested site visit be moved to 8 July 2020	Yes - BH replied 2-7-20	AO	n/a	N
1/07/2020 3:55pm	phone call	Wailwan Aboriginal Group	Phil Boney	Urbis	AO	Site Visit Invitation	Phone disconnected	No	AO	n/a	
1/07/2020 3:56pm	phone call	A1 Indigenous Services	Carolyn Hickey	Urbis	AO	Site Visit Invitation	Received email. Will reply tonight.	No	AO	n/a	
1/07/2020 3:59pm	phone call	Merrigarrn	Shaun Carroll	Urbis	AO	Site Visit Invitation	Phone disconnected	No	AO	n/a	
1/07/2020 4:01pm	phone call	Goobah Developments	Basil Smith	Urbis	AO	Site Visit Invitation	Received email. Not sure if attending.	No	AO	n/a	
1/07/2020 4:08pm	phone call	DNC	Paul Boyd	Urbis	AO	Site Visit Invitation	Received email. Likely to have someone there. Will reply by Friday.	No	AO	n/a	
1/07/2020 4:03pm	phone call	The Gaimaragal Group	Susan Moylan-Coombs	Urbis	AO	Site Visit Invitation	No answer. Left message advising of email, date of site visit and deadline.	No	AO	n/a	
1/07/2020 4:05pm	phone call	Butucarbin	Jennifer Baele	Urbis	AO	Site Visit Invitation	Received email. Likely to have someone there. Will reply by Friday.	No	AO	n/a	
1/07/2020 4:11pm	phone call	MLALC	Selina Timothy	Urbis	AO	Site Visit Invitation	Rang out	No	AO	n/a	
1/07/2020 4:49pm	email	Urbis	AO	DNC	Paul Boyd	Site Visit Invitation	Attending site visit. Insurance provided.	No	AO	n/a	
1/07/2020 5:05pm	email	Urbis	AO	DNC	Paul Boyd	Site Visit Invitation	Requested site visit time	No	AO	n/a	
1/07/2020 8:26pm	email	Urbis	BH	Wailwan Aboriginal Group	Phil Boney	Site Visit Invitation	Attending site visit. Hourly rate and insurance provided	No	AO	n/a	N
2/07/2020 11:48am	email	DNC	Paul Boyd	Urbis	AO	Site Visit Invitation	Acknowledgement of attendance and request for hourly rate	No	AO	n/a	N
2/07/2020 11:58am	email	Urbis	AO	DNC	Paul Boyd	Site Visit Invitation	Provided hourly rate.	No	AO	n/a	N
2/07/2020 12:25pm	email	Wailwan Aboriginal Group	Phil Boney	Urbis	AO	Site Visit Invitation	Acknowledgement of attendance and request for mobile number.	No	AO	n/a	N
2/07/2020 12:37pm	email	All RAPs	N/A	Urbis	AO	Site Visit Invitation	Site visit date changed to 8 July 2020	No	AO	n/a	N
2/07/2020 3:10pm	phone call	Dennis Foley	Dennis Foley	Urbis	BH	Site visit discussion	Acknowledged that it is proposed for the 8 July Wednesday	No	BH	n/a	
3/07/2020 10:27am	email	Urbis	BH	Butucarbin	Lowanna Gibson	Site Visit Invitation	Provided hourly rates and insurance	No	BH	n/a	Y
6/07/2020 8:00am	email	Butucarbin	Lowanna Gibson	Urbis	BH	Site Visit Invitation	Acknowledgement of attendance and request for renewal of insurance papers.	Yes, insurance papers	BH	n/a	Y
6/07/2020 11:05am	email	Urbis	BH	A1 Indigenous Services	Carolyn Hickey	Site Visit Invitation	Provided huly rates and insurances	No	BH	n/a	Y
6/07/2020 5:00pm	email	All RAPs registered for site visit	All RAPs registered for site visit	Urbis	BH	Site visit information	Delivery receipts received	No	BH	n/a	Y
6/07/2020 5:56pm	email	Urbis	BH	The Gaimaragal Group	Susan Moylan-Coombs	Site visit, She will not be able to attend.	Replied and acknowledged	No	BH	n/a	Y
6/07/2020 5:57pm	email	Urbis	BH	Didge Ngunawal	Lilly Carroll	Site visit, She responded and confirmed attendance	Replied, acknowledged. Asked for the name and contact for the site officer	Need to know the name and contact details.	BH	n/a	Y
6/07/2020 5:30pm	phone call	Urbis	BH	Butucarbin	Jennifer	Site visit confirming attendance	Acknowledged.	No	BH	n/a	N
8/07/2020 9:00am - 12:30pm	site visit	n/a	n/a	n/a	n/a	Site visit with RAPs. Details are in the ACHAR	Site visit went well, with all RAPs agreeing on methodology, recommendations and in the overall assessment of the ACHA	Indue commetns and continue correspondence througuh Stage 4.	BH	n/a	
Stage 4											
31/07/2020 10:00am	email	All RAPs	All RAPs	Urbis	BH	Stage 4 start-release of draft ACHAR.	Delivery receipts saved	Phone call on 6 August for all RAPs	BH	n/a	Y
6/08/2020 2:10pm	phone call	MLALC	n/a	Urbis	AO	Closes 28 August	No record of having received the email; Selina and Nathan are not contactable by phone	Follow up with Selina/Nathan by email	AO	n/a	N
6/08/2020 2:21pm	email	MLALC	n/a	Urbis	AO	Stage 4 start-release of draft ACHAR	Re-sent ACHAR	n/a	AO	n/a	Y
6/08/2020 2:28pm	phone call	Wailwan	Philip Boney	Urbis	AO	Stage 4 start-release of draft ACHAR	Will check emails when he has access and email/call if he did not receive ACHAR, commented that the site was very disturbed so unlikely to be much potential	n/a	AO	n/a	N
6/08/2020 2:31pm	phone call	A1 Indigenous Services	Carolyn Hickey	Urbis	AO	Stage 4 start-release of draft ACHAR	Has received ACHAR and supports conclusions/recommendations	n/a	AO	n/a	N
6/08/2020 2:32pm	phone call	Merrigarrn	Shaun Carroll	Urbis	AO	Stage 4 start-release of draft ACHAR	Number disconnected	n/a	AO	n/a	N
6/08/2020 2:34pm	phone call	Goobah Developments	Basil Smith	Urbis	AO	Stage 4 start-release of draft ACHAR	Has received ACHAR and supports conclusions/recommendations	n/a	AO	n/a	N
6/08/2020 2:36pm	phone call	Didge Ngunawal Clan	Lillie Carroll and Paul Boyd	Urbis	AO	Stage 4 start-release of draft ACHAR	Has received ACHAR and supports conclusions/recommendations	n/a	AO	n/a	N
6/08/2020 2:38pm	phone call	The Gaimaragal Group	Susan Moylan-Coombs	Urbis	AO	Stage 4 start-release of draft ACHAR	Has received ACHAR and will provide comments by email, if any	n/a	AO	n/a	N
6/08/2020 2:40pm	phone call	Butucarbin Aboriginal Coproration (BAC)	Jennifer Baele	Urbis	AO	Stage 4 start-release of draft ACHAR	Will check emails when she has access and email/call if she did not receive ACHAR	n/a	AO	n/a	N
9/08/2020 2:52pm	email	Urbis	BH	A1 Indigenous Services	Carolyn Hickey	Stage 4 Comments	have reviewed the document and support the Excavation Draft ACHAR	n/a	AO	n/a	Y
19/08/2020 3:53pm	email	Urbis	AO	Wailwan	Phil Boney	Stage 4 Comments	I think there is potential to be Aboriginal significance culturally on a very low scale looking at the disturbance of the affected area. But that's not to say just to be sure for testing just to be sure.	n/a	AO	n/a	Y



