

St Joseph's College Physical Education and Sports Precinct Project:

Aboriginal Cultural Heritage Assessment

FINAL REPORT

Prepared for Bloompark Consulting Services on behalf of St Joseph's College

10 May 2019

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- Amanda Hickey Cultural Services
- Darug Boorooberongal Elders
- Darug Land Observations
- Didge Ngunawal Clan
- Goobah Developments
- Goodradigbee Cultural & Heritage Aboriginal Corporation
- Metropolitan Local Aboriginal Land Council
- Tocomwall

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Glossary

ACHA	Aboriginal Cultural Heritage Assessment
AHIMS	Aboriginal Heritage Information Management System
BP	Before present
Consultation requirements	*Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*
DECCW	Department of Environment, Climate Change and Water (now OEH)
DP	Deposited Plan
EP&A Act	*Environmental Planning and Assessment Act 1979*
ICOMOS	International Council on Monuments and Sites
IPC	Independent Planning Commission
LALC	Local Aboriginal Land Council
LEP	Local Environmental Plan
LGA	Local Government Area
NNTT	National Native Title Tribunal
NPW Act	*National Parks and Wildlife Act 1974*
NPWS	National Parks and Wildlife Service
NSW	New South Wales
OEH	Office of Environment and Heritage
PSEPP	Physical Education and Sports Precinct Project
PAD	Potential Archaeological Deposit
RAPs	Registered Aboriginal Parties
SEPP	State Environmental Planning Policy
SSD	State Significant Development

Summary

Biosis Pty Ltd (Biosis) was commissioned by Bloompark Consulting Services on behalf of St Joseph's College to undertake an Aboriginal Cultural Heritage Assessment (ACHA) for the proposed Physical Education and Sports Precinct Project (PESPP), located at St Joseph's College, Hunters Hill, New South Wales (NSW) (study area) (Figure 1, Figure 2). The proposed development will be assessed as a State Significant Development (SSD) under Section 89(c) of the *Environmental Planning and Assessment Act 1979* (EP&A Act) and Schedule 1 of the SEPP (State and Regional Development) 2011 (SSD 8970). The project will be assessed by the Independent Planning Commission (IPC) under delegation from the Minister of Planning. In accordance with correspondence from NSW Office of Environment and Heritage (OEH) dated 20 October 2018 in response to the SSD submission, an assessment of Aboriginal cultural heritage is required in order to assess any potential impacts to Aboriginal cultural heritage the project may have.

The study area is situated approximately 7.4 kilometres north-west of the Sydney central business district (CBD). The study area is located on a crest and an upper slope which falls in a south-easterly direction, within a wider undulating to low rolling hills landscape with convex narrow ridges and hill crests that grade into moderately incised side slopes.

There are 108 Aboriginal cultural heritage sites registered with the Aboriginal Heritage Information Management System (AHIMS) register within the vicinity of the study area. There are no registered sites located within the study area.

Consultation

The Aboriginal community was consulted regarding the heritage management of the project throughout its lifespan. Consultation has been undertaken as per the process outlined in the *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010) (consultation requirements). The appropriate government bodies were notified and advertisements placed in *The Northern District Times* newspapers (6 February 2019), which resulted in the following Aboriginal organisations registering their interest (Table 1):

Table 1 List of registered Aboriginal parties and group contact

Organisation	Contact person
A1 Indigenous Services	Carolyn Hickey
Amanda Hickey Cultural Services	Amanda Hickey
Darug Boorooberongal Elders	Gordon Workman
Darug Land Observations	Jamie and Anna Workman
Didge Ngunawal Clan	Lillie Carrol and Paul Boyd
Goobah Developments	Basil Smith
Goodradigbee Cultural & Heritage Aboriginal Corporation	Caine Carroll
Metropolitan Local Aboriginal Land Council	Nathan Moran
Tocomwall	Scott Franks

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A search conducted by the Office of the Registrar, *Aboriginal Land Rights Act 1983* listed no Aboriginal Owners with land within the study area. A search conducted by the National Native Title Tribunal (NNTT) listed the study area as freehold, and freehold tenure extinguishes native title; the NNTT does not hold data sets for freehold tenure.

Upon registration, the Aboriginal parties were invited to provide their knowledge on the study area and on the proposal provided in *St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology.* The responses did not identify the study area as an area of cultural significance. Responses from the Registered Aboriginal Parties (RAPs) are included in Appendix 3.

A representative from the Metropolitan Local Aboriginal Land Council (MLALC) participated in the field survey and provided comment on the study area with regard to the proposal. The MLALC noted that the surrounding area would have traditionally been an important place for food and resources.

The recommendations that resulted from the consultation process are provided below.

Results

The ACHA assessment undertook background research for the proposed study area. Key considerations arising from the background research include:

- Rock shelters with middens were the most common site type in the area, followed by middens.
- Geotechnical testing undertaken in the south-eastern portion of the study area showed significant disturbance to natural soil profiles, and in some instances complete removal of natural soils to sandstone bedrock.
- Registered AHIMS sites have been primarily focused on foreshore areas of the Parramatta River, Lane Cove River or other smaller water sources where resources would likely have been plentiful.
- The underlying sandstone within the study area is unlikely to have been exposed, and as such rock engravings and/or grinding grooves are unlikely to be present.

Biosis undertook a field survey with Kevin Telford of the MLALC which did not identify any Aboriginal heritage sites within the study area. High levels of disturbance were noted in the south-eastern portion of study area, with moderate disturbances in the north-western and north-eastern corners of the study area in the areas of proposed works.

Management recommendations

Prior to any development impacts occurring within the study area, the following is recommended:

Recommendation 1: Works may proceed with caution in areas of low archaeological potential

No Aboriginal objects, sites, or areas of sensitivity were identified within the study area. The areas of proposed works have been assessed as holding low archaeological potential. No further archaeological works are required. The proposed works may proceed with caution; refer to Recommendation 2 below for unanticipated Aboriginal objects.

Recommendation 2: Discovery of Unanticipated Aboriginal Objects

All Aboriginal objects and Places are protected under the *National Parks and Wildlife Act 1974* (NPW Act). It is an offence to knowingly disturb an Aboriginal site without a consent permit issued by the OEH. Should any Aboriginal objects be encountered during works associated with this proposal, works must cease in the vicinity and the find should not be moved until assessed by a qualified archaeologist. If the find is determined

to be an Aboriginal object the archaeologist will provide further recommendations. These may include notifying the OEH and Aboriginal stakeholders.

Recommendation 3: Discovery of Aboriginal Ancestral Remains

Aboriginal ancestral remains may be found in a variety of landscapes in NSW, including middens and sandy or soft sedimentary soils. If any suspected human remains are discovered during any activity you must:

1. Immediately cease all work at that location and not further move or disturb the remains
2. Notify the NSW Police and OEH's Environmental Line on 131 555 as soon as practicable and provide details of the remains and their location
3. Not recommence work at that location unless authorised in writing by OEH.

Recommendation 4: Continued consultation with the registered Aboriginal stakeholders

As per the consultation requirements it is recommended that the proponent provides a copy of this draft report to the Aboriginal stakeholders and considers all comments received.

Recommendation 5: Lodgment of Final Report

A copy of the final report will be sent to:

- Registered Aboriginal Parties.
- The AHIMS database.

1 Introduction

1.1 Project background

Biosis has been commissioned by Bloompark Consulting Services on behalf of St Joseph's College to undertake an ACHA for the proposed PESPP, located at St Joseph's College, Hunters Hill (Figure 1).

This report details the investigation, consultation and assessment of Aboriginal cultural heritage undertaken for the study area.

There are 108 Aboriginal cultural heritage sites registered with the AHIMS register within the vicinity of the study area. There are no registered Aboriginal sites located within the study area.

The proposed development will be assessed as a SSD under Section 89(c) of the EP&A Act and Schedule 1 of the SEPP 2011 (SSD 8970). The project will be assessed by the IPC under delegation from the Minister of Planning. In accordance with correspondence from OEH dated 20 October 2018 in response to the SSD submission, an assessment of Aboriginal cultural heritage is required in order to assess any potential impacts to Aboriginal cultural heritage the project may have.

1.2 Study area

The study area is located approximately 7.4 kilometres north-west of Sydney CBD (Figure 1). It encompasses 7.3 Hectares of private land.

The study area is within the:

- Hunters Hill Local Government Area
- Parish of Hunters Hill
- County of Cumberland

The study area consists of the grounds of St Joseph's College, Hunters Hill, bordered on its north by Mark Street, on its west by Mark Street, on its south by Gladesville Road, its east by Luke Street and its north-eastern corner by Ryde Road.

1.3 Proposed development

The proposed development is comprised of the following:

- Demolition of the following existing buildings near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the PESPP comprising the following facilities:

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- Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 54 car parking spaces is proposed (85 new spaces to be provided in the PSEPP basement less 30 at grade spaces to be removed).
- Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
- First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer.
- Driveway entry to the PESPP (no new vehicular cross overs).
- Landscaping and tree removal/replacement.

- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site.
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PSEPP in up to two stages (noting that the entire project may be completed in one stage).

1.4 Planning approvals

The proposed development will be assessed as a SSD under Section 89(c) of the EP&A Act and Schedule 1 of the SEPP 2011. Other relevant legislation and planning instruments that will inform this assessment include:

- Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)
- *National Parks and Wildlife Act 1974* (NPW Act)*National Parks and Wildlife Amendment Act 2010*
- Infrastructure State Environmental Planning Policy (SEPP) 2007
- *Hunters Hill Local Environmental Plan 2007* (LEP)
- *Hunters Hill Consolidated Development Control Plan 2013* (DCP)

1.5 Restricted and confidential information

Appendix 2 in the Archaeological Report (AR) contains AHIMS information which is confidential and not to be made public. This is clearly marked on the title page for the attachment.

1.6 Aboriginal cultural heritage

1.6.1 General description

According to Allen and O'Connell (2003), Aboriginal people have inhabited the Australian continent for the last 50,000 years. In NSW, according to Bowler et al. (2003), Aboriginal people have occupied the land for over 42,000 years. However, preliminary evidence presented by Biosis (2016) from a subsurface testing program in south-western NSW suggests Aboriginal people may have occupied the semi-arid zone of the region for 50,000 years.

The timing for the human occupation of the Sydney Basin is still uncertain. While there is some possible evidence for occupation of the region around 40,000 years ago, the earliest known radiocarbon date for Aboriginal occupation of the Sydney Basin is associated with a cultural / archaeological deposit at Parramatta,

which was dated to 30,735 ± 407 before present (BP) (Jo McDonald Cultural Heritage Management. 2005a, Jo McDonald Cultural Heritage Management. 2005b). Archaeological evidence of Aboriginal occupation of the Cumberland Plains indicates that the area was intensively occupied from approximately 4000 years BP. Such 'young' dates are probably more a reflection of the conditions associated with the preservation of this evidence and the areas that have been subject to surface and sub-surface archaeological investigations, rather than actual evidence of the Aboriginal people prior to this time.

Without being part of the Aboriginal culture and the productions of this culture, it is not possible for non-Aboriginal people to fully understand the meaning of site, objects and places to Aboriginal people, only to move closer towards understanding this meaning with the help of the Aboriginal community. Similarly, definitions of Aboriginal culture and cultural heritage without this involvement constitute outsider interpretations.

With this preface Aboriginal cultural heritage broadly refers to things that relate to Aboriginal culture and hold cultural meaning and significance to Aboriginal people (DECCW 2010, p.3). There is an understanding in Aboriginal culture that everything is interconnected. In essence Aboriginal cultural heritage can be viewed as potentially encompassing any part of the physical and/or mental landscape, that is, 'Country' (DECCW 2010, p.iii).

Aboriginal people's interpretation of cultural value is based on their 'traditions, observance, lore, customs, beliefs and history' (DECCW 2010, p.3). The things associated with Aboriginal cultural heritage are continually and actively being defined by Aboriginal people (DECCW 2010, p.3). These things can be associated with traditional, historical or contemporary Aboriginal culture (DECCW 2010, p.3).

1.6.2 Tangible Aboriginal cultural heritage

Three categories of tangible Aboriginal cultural heritage may be defined:

- Things that have been observably modified by Aboriginal people.
- Things that may have been modified by Aboriginal people but no discernible traces of that activity remain.
- Things never physically modified by Aboriginal people (but associated with Dreamtime Ancestors who shaped those things).

1.6.3 Intangible Aboriginal cultural heritage

Examples of intangible Aboriginal cultural heritage would include memories of stories and 'ways of doing', which would include language and ceremonies (DECCW 2010, p.3).

1.6.4 Statutory

Currently Aboriginal cultural heritage, as statutorily defined by the NPW Act, consists of objects and places which are protected under Part 6 of the NPW Act.

Aboriginal objects are defined as:

> *any deposit, object or material evidence…relating to the Aboriginal habitation of the area that comprises NSW, being habitation before or concurrent with (or both) the occupation of that area by persons of non-Aboriginal extraction, and includes Aboriginal remains*

Aboriginal places are defined as a place that is or was of special Aboriginal cultural significance. Places are declared under Section 84 of the NPW Act.

1.6.5 Values

Aboriginal cultural heritage is valued by Aboriginal people as it is used to define their identity as both individuals and as part of a group (DECCW 2010, p.iii). More specifically it is used:

- To provide a:
  - 'connection and sense of belonging to Country' (DECCW 2010, p.iii).
  - Link between the present and the past (DECCW 2010, p.iii).
- As a learning tool to teach Aboriginal culture to younger Aboriginal generations and the general public (DECCW 2010, p.3).
- As further evidence of Aboriginal occupation prior to European settlement for people who do not understand the magnitude to which Aboriginal people occupied the continent (DECCW 2010, p.3).

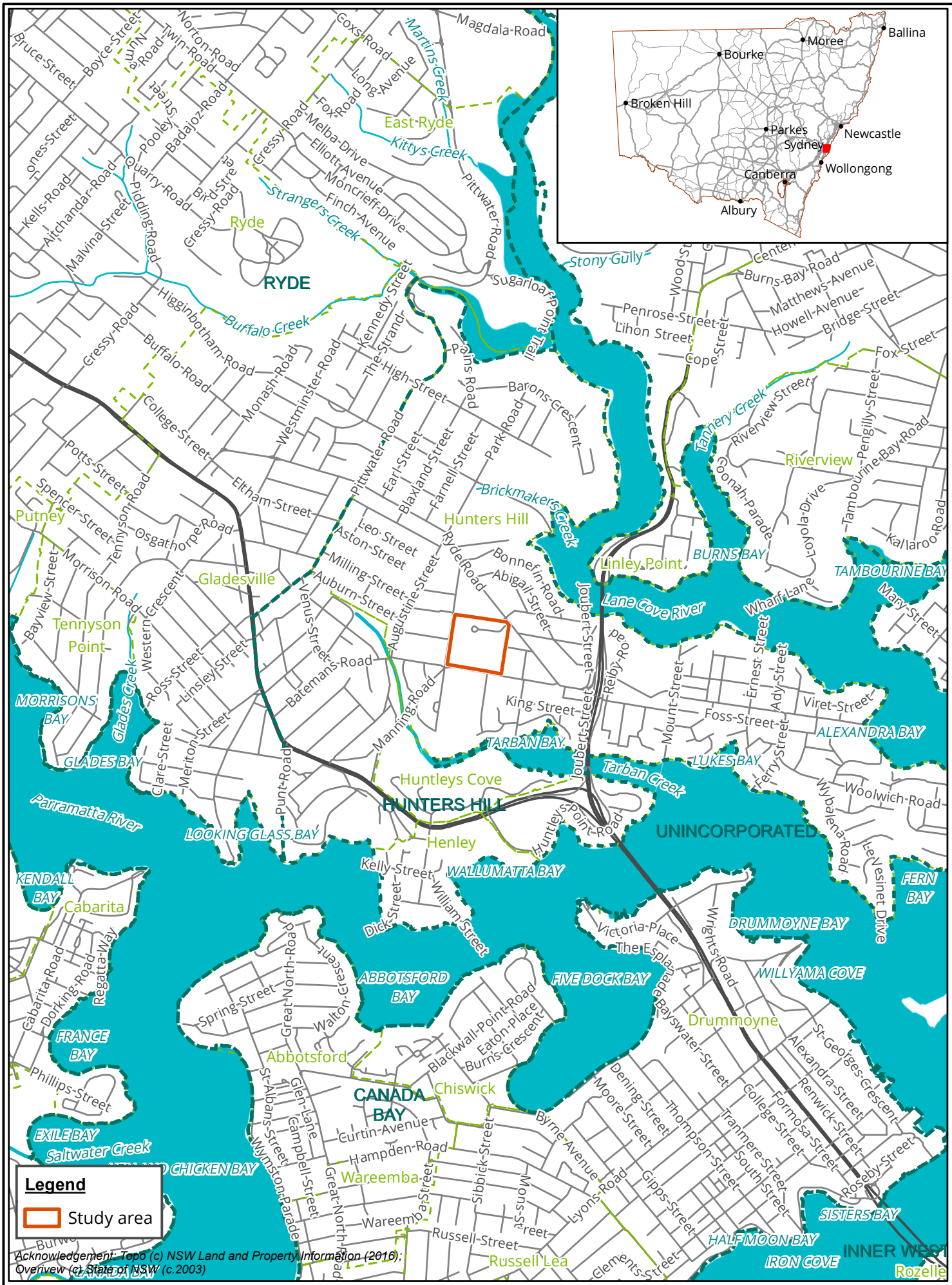
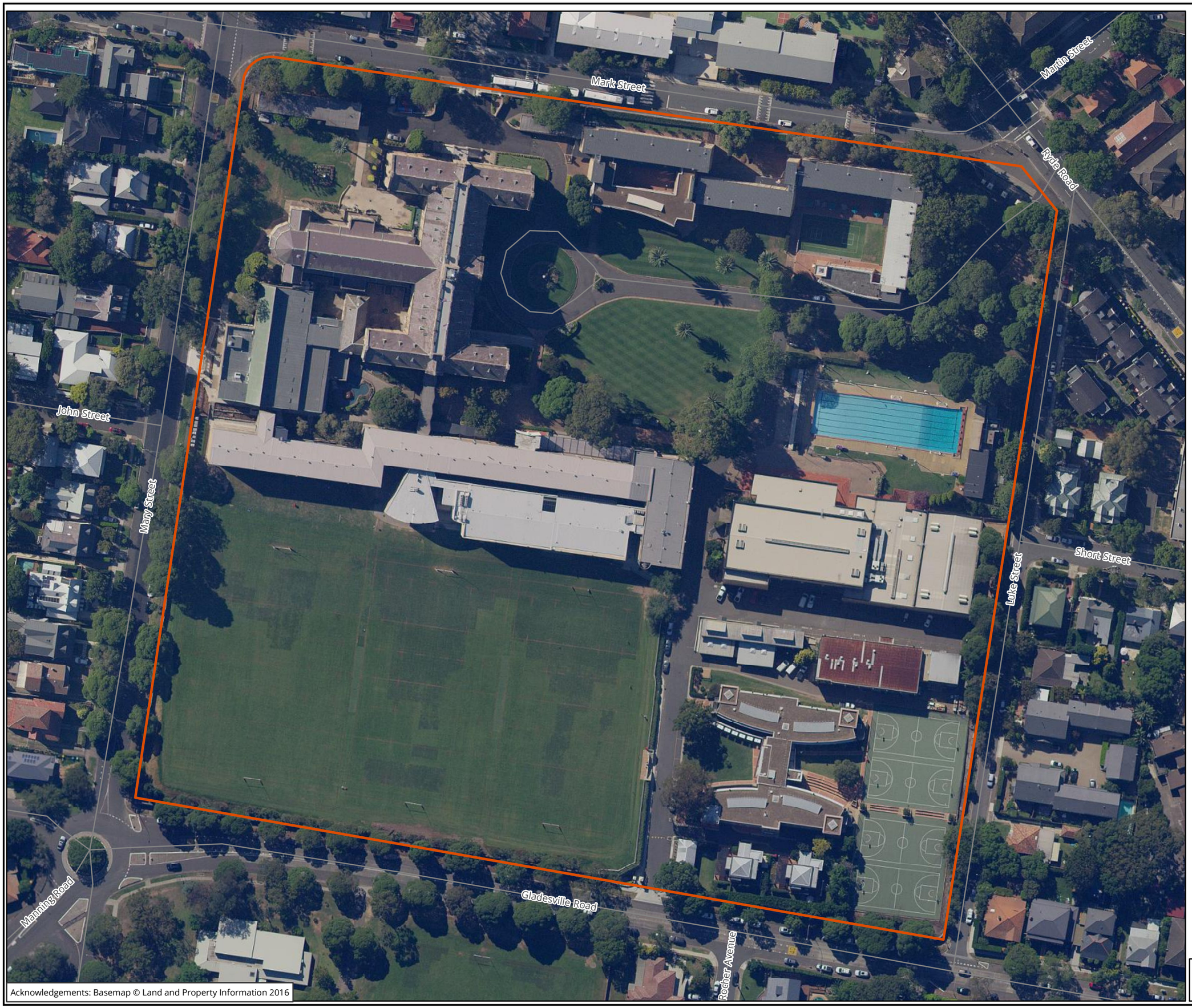


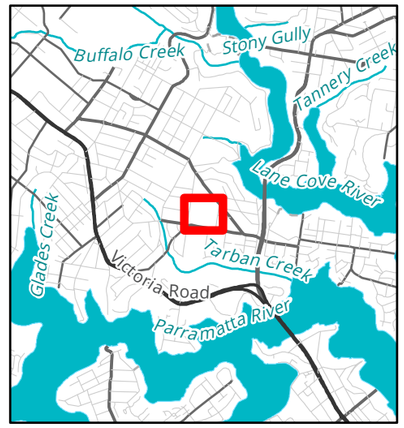
Figure 1 Location of the study area

biosis
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Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 29211
Date: 09 May 2019,
Checked by: CLA, Drawn by: AEDM, Last edited by: amurray
Location:P:\29200s\29211\Mapping\

Scale 1:25,000 @ A4, GDA 1994 MGA Zone 56





Legend

Study area

Figure 2 Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,200 @ A3

Coordinate System: GDA 1994 MGA Zone 56

N

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Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 29211
Date: 09 May 2019,
Checked by: CLA, Drawn by: AEDM, Last edited by: amurray
Location:P:\29200s\29211\Mapping
29211_F2_StudyArea

Acknowledgements: Basemap © Land and Property Information 2016

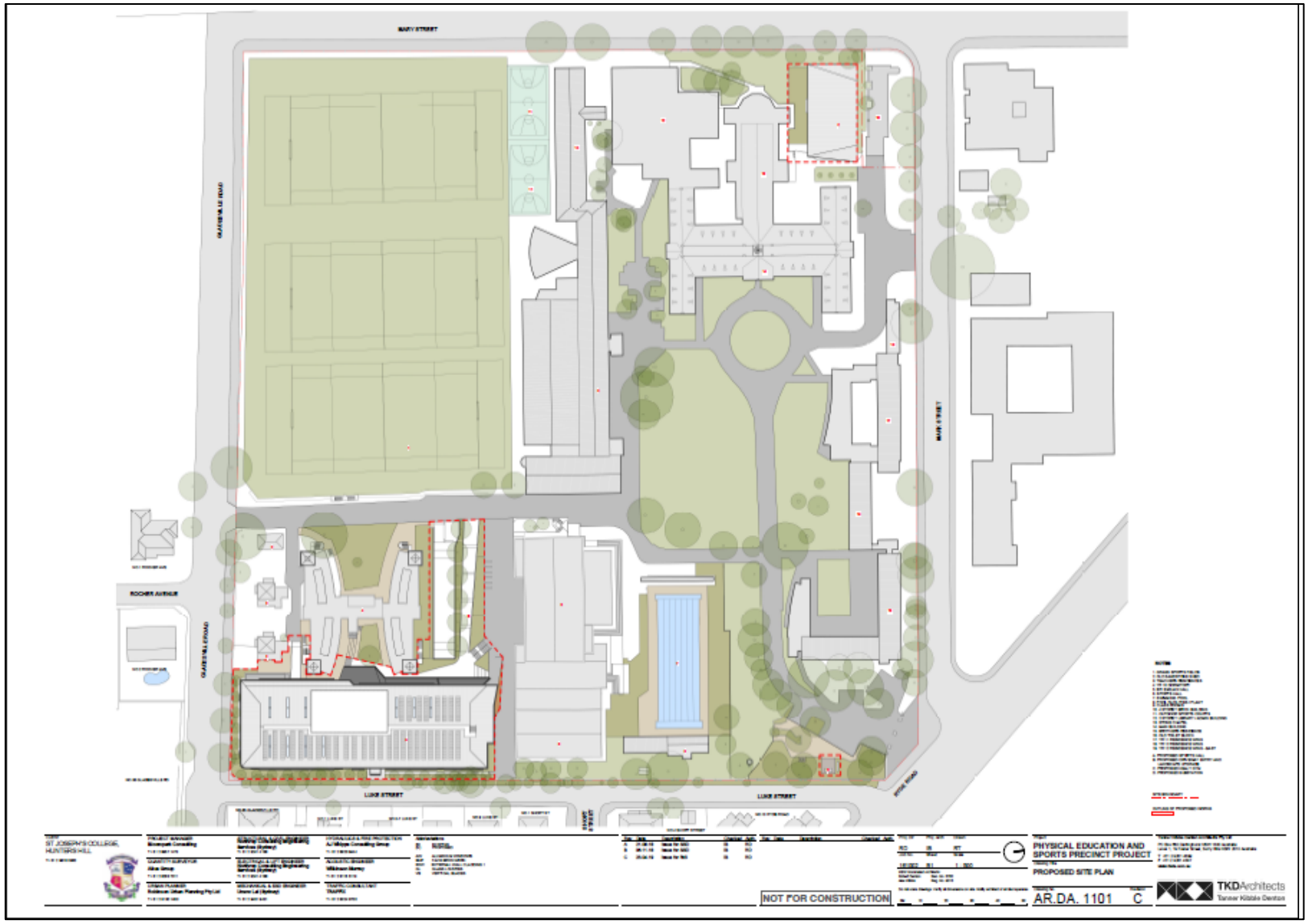


Figure 3 Proposed development with areas of proposed works marked in red

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2 Study area context

This section discusses the study area in regards to its landscape, environmental and Aboriginal cultural heritage context. This section should be read in conjunction with the AR attached in Appendix 5. The background research has been undertaken in accordance with requirements 1 and 2 of the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010a).

2.1 Topography and hydrology

Hunters Hill is a leafy sandstone peninsula that stretches from Pittwater Road to Onions Point, at the confluence of the Lane Cove and Parramatta River. The topography consists of undulating to low rolling hills on Wianamatta Group shales with convex narrow ridges and hill crests that grade into moderately incised sideslopes. This landscape has been extensively cleared. The study area is situated on a crest and an upper slope which falls in a south-easterly direction.

Stream order is recognised as a factor which assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in the Sydney region, most notably by Jo McDonald Cultural Heritage Management (Jo McDonald Cultural Heritage Management Pty Ltd 2000, Jo McDonald Cultural Heritage Management Pty Ltd 2005a, Jo McDonald Cultural Heritage Management Pty Ltd 2005b, Jo McDonald Cultural Heritage Management 2006, Jo McDonald Cultural Heritage Management Pty Ltd 2008). Predictive models which have been developed for the region have a tendency to favour higher order streams as the locations of campsites, as they would have been more likely to provide a stable source of water, and by extension other resources which would have been used by Aboriginal groups.

The stream order system used for this assessment was originally developed by Strahler in 1952 (Strahler 1964). It functions by adding two streams of equal order at their confluence to form a higher order stream, as shown in Plate 1. As stream order increases, so does the likelihood that the stream would be a perennial source of water.

The nearest watercourse to the study area consist of a second order creek, known as Tarban Creek, that is a tributary of the Parramatta River, located approximately 400 metres to the south-west. The nearest perennial river appears to be the Lane Cove River, located approximately 350 meters to the north-east of the study area.

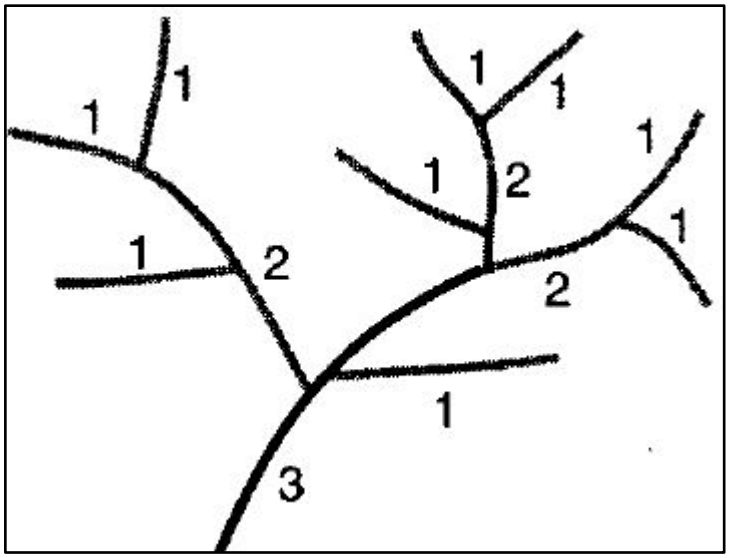


Plate 1 Diagram showing Strahler stream order (Source: Ritter et al. 1995, p.151)

While the presence of a source of fresh water (Tarban Creek) 400 metres away and resource gathering areas less than 300 metres to the north (Lane Cove River), the topographical location of the study area and slope inclination suggests that evidence for Aboriginal sites in this location may not be present. Surface and sub-surface artefacts may have washed down the slope with eroding soils towards Tarban Creek and the Parramatta River south of the study area.

2.2 Geology and soil landscapes

The study area is located within the Wianamatta Group formation, in both the Ashfield Shale and Hawkesbury Sandstone formations. The Ashfield Shale contains dark-grey to black claystone-siltstone and fine sandstone - siltstone laminate. Artefact sites are common across the Ashfield Shale formation. The Hawkesbury Sandstone formation consists of fairly friable medium to coarse grained quartz sandstone with some shale and laminate lenses. It weathers cavernously to form overhangs, which occur in a range of topographic locations. It also occurs as flat topped outcrops (platforms of varying sizes) and boulders, mainly on ridge tops but also along the sides of gullies and in valley bottoms (Jo McDonald Cultural Heritage Management Pty Ltd 2008). The presence of sandstone cropping in areas of the Hawkesbury Sandstone formation gives rise to the potential for site types such as rock shelters and engraving sites.

Soil landscapes have distinct morphological and topological characteristics that result in specific archaeological potential. Because they are defined by a combination of soils, topography, vegetation and weathering conditions, soil landscapes are essentially terrain units that provide a useful way to summarise archaeological potential and exposure.

The study area is situated within the Glenorie soil landscape (Chapman & Murphy 1989). The Glenorie soil landscape is an erosional landscape consisting of undulating to low rolling hills upon Wianamattta Shales. Soil within this soil landscape are characterised as shallow to moderately deep (<100 centimetres) red pozolic soil upon crests, moderately deep (70-150 centimetres) red and brown podzolic, and is present on undulating to low hills overlying Wianamatta Group shales. General erosion is Minor to moderate and soil fertility is low to moderate. The soil characteristic of the Glenorie soil landscape are summarised in Table 2. As the Glenorie soil landscape is an erosional soil landscape, is it likely that preservation of any surface or sub-surface sites may not have been preserved over time.

Table 2 Soil landscapes within the study area (Chapman & Murphy 1989, pp.68–71)

Soil landscape	Description
Friable dark brown loam (gn1)	Consists of friable loam, to silty loam, or silty clay loam which occurs as a topsoil (A1 horizon). Peds are commonly sub-angular blocky to polyhedral, 2–10 mm in size and are rough faced and porous. May become hardsetting when compacted and dry. Colour is usually dark brown (10 YR 3/3), but can range from brownish-black (7.5 YR 2/2) to brown (10 YR 4/4).
Hardsetting brown clay loam (gn2)	Consists of clayey loam to fine sandy clay loam occurring as an A2 horizon. Peds, when present, are sub-angular blocky, 10–50 mm in size, and are rough faced and porous. Colour is usually brown (7.5 YR 4/4), but may range from dull yellowish-brown (10 YR 5/4) to reddish-brown (5 YR 4/6).
Whole coloured, reddish brown, strongly pedal clay (gn3)	Medium clay with a strongly pedal structure, which occurs as subsoil (B horizon). It also has a smooth-faced, dense ped fabric. Peds are usually sub-angular blocky or polyhedral, and range in size from 5–20 mm. Colour is usually reddish-brown (5 YR 4/6), but can range from bright reddish brown (2.5 YR 4/8) to dull yellowish-brown (10 YR 5/4).
Mottled grey plastic clay (gn4)	Mottled, heavy clay with a strongly pedal structure. It has a dense, smooth ped fabric and also occurs as a deep subsoil. The peds are usually sub-angular blocky, 10–20 mm in size, and are smooth faced and dense. Colour is typically pale grey (5 YR 7/1), but also ranges from light reddish-grey (2.5YR 7/1) to brownish grey (7.5 6/1).
Brownish-grey plastic silty clay (gn5)	Plastic silty clay, occurring as subsoil (B horizon), with apedal massive structure. This material is moderately sticky and very plastic when moist. Colour is typically dark brown (10 YR 3/3).

Geotechnical investigations were also undertaken within the study area in 2018 (WSP Australia Pty Ltd 2018). A total of 16 locations were assessed across the south-eastern portion of the study area. The results generally found that the study area contains a significant amount of fill material which consist of silty or gravelly sands and gravelly or sandy clays. Where natural soils were encountered, these consisted of grey, orange or brown clays of medium to high compaction and featuring ironstone or sandstone inclusions. Underlying the soils was a weathered sandstone bedrock. Boreholes 077-10 and 16 are within the area of proposed works in the south-eastern corner of the study area. In this location, fill material was encountered beneath a surface layer consisting either of asphalt, pavement or concrete. Borehole 07 contained fill material until the end of the hole at 0.5 metres. Borehole 08 features up to 1.1 metres of fill material, whereupon extremely weathered sandstone was encountered and excavation ceased at 1.2 metres. Borehole 09 encountered fill material to a depth of 1.7 metres, when the excavation ceased. Borehole 16 consisted of 60 centimetres of fill material, with the excavation halted at this depth due to refusal. The borehole log for borehole 10 was not included in the report; however, the nearby borehole 11 contained fill material to a depth of 70 centimetres, followed by clay to 1.8 metres, whereupon extremely weathered sandstone was identified. It appears that the natural soil profile has been either been partially or completely removed from this part of the study area. The presence of extremely weathered sandstone beneath fill and natural soils indicates that the soils above (or previously above prior to their removal and replacement with fill material) have leaked water into the rock and degraded its integrity; this suggests that the sandstone has been buried for a considerable period of time.

2.3 Climate and rainfall

The Sydney Basin Bioregion is characterised by temperate climate, featuring warm summers but no dry season. Minimum average monthly temperatures range from 6.2-17.7 ° Celsius, with maximum average monthly temperatures from 17.5-28.6 ° Celsius (BOM 2019). Average minimum monthly rainfall ranges 44.5-51 millimetres, with maximum monthly rainfall from 110.4-120.7 millimetres (BOM 2019). Distribution of rainfall varies according to geographical location, with coastal and higher altitude areas receiving more rainfall (NPWS 2003, p.185).

2.4 Landscape resources

The Sydney Basin would have generally provided a number of resources used by Aboriginal inhabitants. The wider region includes distinct ecological zones, including open forest and open woodland, with riparian vegetation extending along many of the water courses. Each ecological zone hosts a different array of floral and faunal species, many of which would have been utilised according to seasonal availability. Aboriginal inhabitants of the region would have had access to a wide range of avian, terrestrial and aquatic fauna and repeated firing of vegetation would have opened up areas of foliage allowing ease of access through and between different resource zones.

Plant resources were used in a variety of ways Plant fibres were twisted into string, which was used for many purposes, including the weaving of nets, baskets and fishing lines. String was also used for personal adornment. Bark was used in the provision of shelter; a large sheet of bark being propped against a stick to form a gunyah (Attenbrow 2002, pp.113–114).

The Glenorie soil landscape has undergone extensive clearing however would have typically supported tall open wet sclerophyll forest dominated by Sydney blue gum *Eucalyptus saligna* and Blackbutt *Eucalyptus. pilularis*. Turpentine *Syncarpia glomulifera*, Grey Ironbark *Eucalyptus paniculata*, White Stringybark *Eucalyptus globoidea* and Rough-barked Apple *Angophora floribunda* also occurred within the Glenorie Soil landscape and Pittosporum *Pittosporum undulatum* and coffee bush *Breynia oblongifolia* were common understorey species (Chapman & Murphy 1989, pp.68–69).

Flora resources in the vicinity of the study area included: Old Man Banksia *Banksia serrata*, Black Wattle *Acacia decurrens*, Blueberry Ash *Elaeocarpus reticulatus*, Common Bracken *Pteridium esculentum*, Cabbage Gum *Eucalyptus amplifolia*, figs *Ficus*, Geebung *Persoonia* sp., Grass Tree *Xanthorrhoea*, Blue gum, Forest Red Gum *Eucalyptus tereticornis*, Grey gum *Eucalyptus punctata*, Lilly Pilly *Acmena smithii*, Mountain Devil *Lambertia formosa*, Native Cherry *Exocarpus cupressiformis*, Native Grape *Cayratia clematidea*, Native Raspberry *Rubus parvifolius,* Rock Orchid *Dendrobium speciosum*, and Paper-bark *Melaleuca squarros* (Conyers 1990).

Useful faunal resources within the vicinity of the study area would have included Bream *Abramis brama*, Catfish *Siluriformes*, Eels *Anguilliformes*, Flathead *Platycephalidae*, Mullet *Mugilidae*, Snapper *Pagrus auratus*, Whiting *Sillaginidae*, Goanna *Varanus*, Bandicoot *Peramelemorphia*, Echidna *Tachyglossidae*, Fruit Bat *Pteropodidae*, Koala *Phascolarctos cinereus*, Brushtail Possum *Trichosurus vulpecula*, Ringtail Possum *Pseudocheirus peregrinus*, and Swamp Wallaby *Wallabia bicolor*. This diversity of native species would have provided a useful source of food to local Aboriginal groups.

Animal products were also used for tool making and fashioning a myriad of utilitarian and ceremonial items. For example, tail sinews are known to have been used to make fastening cord, while 'bone points', which would have functioned as awls or piercers, are often an abundant part of the archaeological record. Brush-tailed Possums were highly prized for their fur and could be fashioned into a cloak (Attenbrow 2002, p.117).

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2.5 European land use history

Land within the study area was granted to Mary Reiby, an emancipated convict and the first female retainer in Sydney, in 1835. The Hunters Hill and Gladesville districts developed into a rural dairy and farming area which supplied the markets in Sydney with produce (Sherry 2009, p.101, Farlow & Phippen 2003). The 1840s saw the arrival of more entrepreneurs who saw the potential of Hunters Hill as a suburban retreat from the city with its high ridge as a thoroughfare being ideal for houses to overlook the water ('Mrs Reiby's very pretty Figtree Farm, to be sold by action' 1838). In 1875, Frenchman Didier Joubert acquired 146 acres, which included Mary Reibey's land grant, and with his brother Jules, began building sandstone villas and laying out subdivisions (Sherry 2009, p.48). The Marist Fathers acquired 11 acres of Joubert's land on 6 November 1876, and in the same decade the Marist Brothers joined them to established St Joseph's College on Ryde Road. A series of stone and timber buildings and facilities were constructed from 1877 onwards.

The College acquired further land in 1881, when it purchased Lots 2-6 on the Gladesville Road from the Jourbert estate, which make up the south-eastern corner of the study area (NSW Department of Lands, Certificate of Title, Volume 268 Folio 234; NSW Department of Lands, Certificate of Title, Volume 225 Folio 142). It has been suggested that this land was part of a small dairy farm; if this is the case, it may be the College dairy noted in an 1894 newspaper article (TKD Architects 2018a, p.10, 'St. Joseph's College, Hunter's Hill' 1894). Much of the land in this part of the College remained largely undeveloped in the 1890s and 1900s, although there are a number of structures present. A number of structures had been built in the south-eastern corner of the study area by 1930 and 1943, including the boundary walls, with the ground likely terraced and levelled, possibly for use as a sports field.

The north eastern and north-western corner of the study area has largely remained a landscaped garden area since the St Joseph's College was opened in 1881.Until the 1980s, the south eastern area saw little development. The brother Emilian Hall and adjacent gymnasium were constructed in 1981. By 1982, the south-eastern corner had been converted to cricket and basketball training facilities, and the administrative building adjacent to the 19th century two-storey building had also been built.

3 Aboriginal cultural heritage context

3.1 Ethnohistory

Land within the study area was originally occupied by the Wallumedegal clan, and was called *Wallumetta*. The Wallumedegal clan formed a part of the larger Darug language group. The name Wallumedegal (or Wallumattagal) was derived from *wallumai*, the snapper fish, and *matta*, a word used to describe a place, usually associated with water, as with Parramatta and Cabramatta (Smith 2017). Wallumedegal territory followed the north bank of the Parramatta River from the Lane Cove River in the east, to Parramatta at the head of the river to the west. The northern boundary was the Lane Cove River and the northern neighbours were the Cameragal or spear clan. Further east, the Cadigal, a harbour-dwelling clan, occupied the present Eastern Suburbs and City of Sydney, from Inner South Head to Darling Harbour. The areas to the north were occupied by the Kuring-gai people (National Parks and Wildlife Service 1998, p.25).

Ethnographic sources in the vicinity of the vicinity of the study area have mostly focused on the activities of the Kuring-gai clan, with most observations focusing on their fishing practices, noting that the majority of their diet consisted of fish (Conyers 1990, p.13). Although the archaeological record would suggest that Aboriginal groups mostly relied on rock shelters as sites for habitation, early observations by Tench and Bellinghausen (Conyers 1990, pp.16–17) show that bark huts and wind breaks were utilised for camp sites, with rock shelters being more heavily relied on in poor weather.

The Wallumedegal lived primarily on fish and shellfish, supplementing their diet when necessary with vegetables, marsupials, birds and grubs. They were also frequently observed firing the scrub both to facilitate access to the foreshore and to flush out game. Very little is known of their social structure and religious beliefs (Smith 2017). The negative effects of European settlement in the 1780s and 1790s were quickly felt by local groups. Limited food supplies led to competition between settlers and local Aboriginal groups for what resources existed, and the difficulties caused by this were compounded by a smallpox epidemic in 1789 (Beecroft-Cheltenham History Group 1995, pp.13–18).

3.2 Aboriginal heritage located in the study area

The archaeological assessment of the study area did not identify any Aboriginal sites or areas of archaeological potential within the study area.

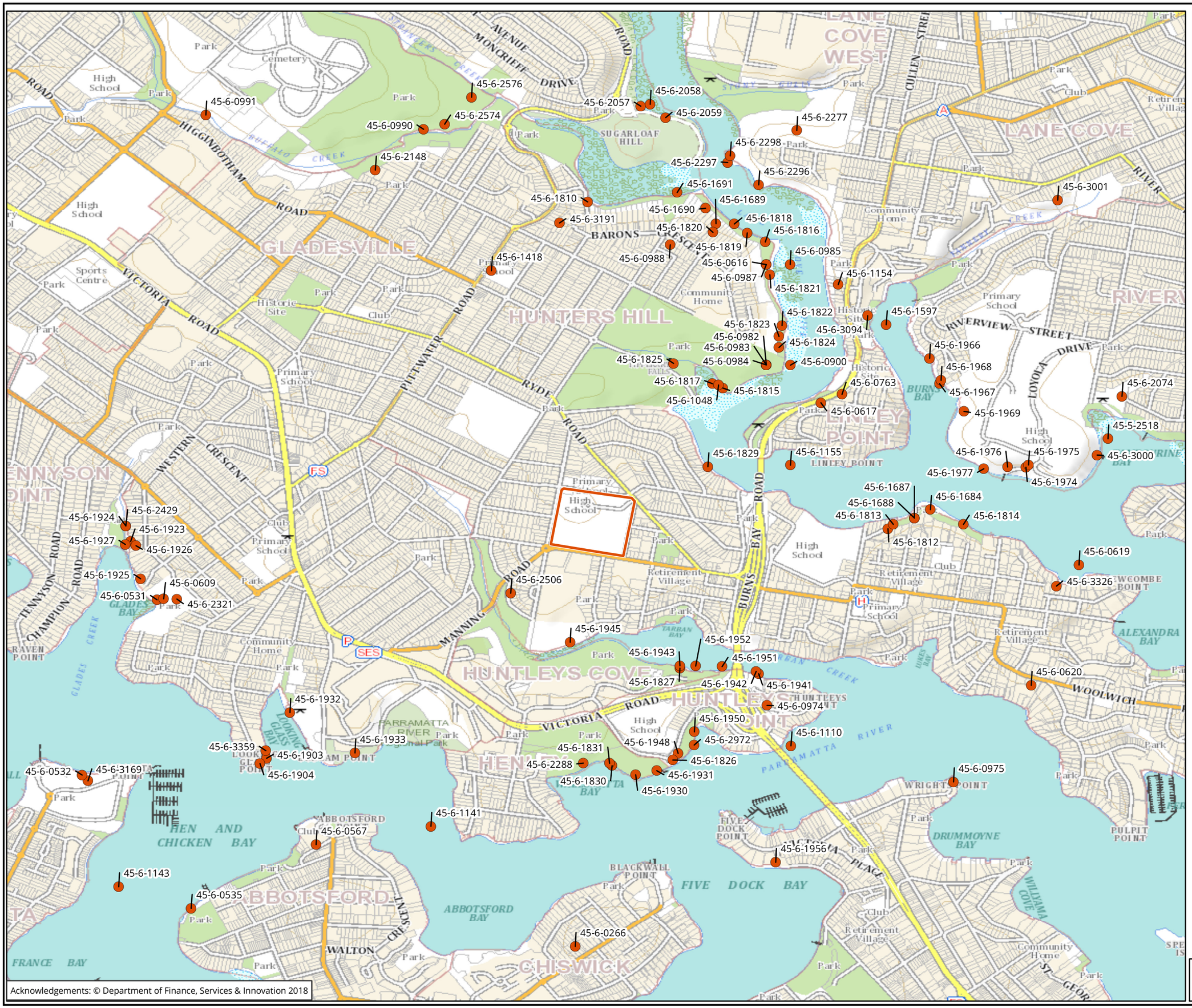
3.3 Interpretation of past Aboriginal land use

Previous archaeological surveys indicate that proximity to a permanent water supply is a primary factor in the determination of the location for past Aboriginal occupation *(ENSR Australia Pty Ltd 2008, p.16)*. There appears to be a high correlation between the permanence of a water source and the complexity of sites. Lithic assemblages identified near permanent water sources suggest a greater range of activity (for example tool use, manufacture and maintenance, food processing and quarrying) while sites located near more ephemeral water sources indicate only transitory occupation (isolated knapping and discarded tools) (Kelleher Nightingale Consulting Pty Ltd 2008, p.7).

No archaeological material or areas of potential sub-surface deposits were identified within the study area during the survey or subsequently following analysis of further AHIMS data. The entire study area was deemed to have been subject to disturbance, in particular the south-eastern portion, from European development since the 1840s, with significant modification of the ground surface and soil profiles within this

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part of the study area since the mid- to late-20th century. In the absence of any archaeological evidence of Aboriginal occupation, it is difficult to provide further discussion of Aboriginal land use within the study area. However, the results of regional assessments suggests the wider area was used for occupation prior to European occupation.


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Study area
AHIMS record
Figure 4 AHIMS records near the study area
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biosis
Biosis Pty Ltd
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Acknowledgements: © Department of Finance, Services & Innovation 2018

4 Aboriginal community consultation

Consultation with the Aboriginal community has been undertaken in compliance with the consultation requirements as detailed below. A consultation log of all communications with RAPs is provided in Appendix 1.

4.1 Stage 1: Notification of project proposal and registration of interest

4.1.1 Identification of relevant Aboriginal stakeholders

In accordance with the consultation guidelines, Biosis notified the following bodies on 23 January 2019 regarding the proposal:

- Hunters Hill Council
- OEH
- NSW Native Title Services Corporation Limited
- Office of the Registrar, Aboriginal Land Rights Act 1983 of Aboriginal Owners
- National Native Title Tribunal (NNTT)
- Greater Sydney Local Land Services
- Metropolitan Local Aboriginal Land Council (MLALC)

A list of known Aboriginal stakeholders in the Great Sydney area was provided by OEH on 25 January 2019, and an updated list on 6 February 2019 (a copy of this response is provided in Appendix 2and include:

- A1 Indigenous Services
- Amanda Hickey Cultural Services
- B.H. Consultants
- Badu
- Barking Owl Aboriginal Corporation
- Biamanga
- Bilinga
- Bilinga Cultural Heritage Technical Services
- Butucarbin Aboriginal Corporation
- Callendulla
- Darug Aboriginal Cultural Heritage Assessments
- Darug Boorooberongal Elders
- Darug Land Observations
- Dharug
- Jerringong
- Metropolitan Local Aboriginal Land Council
- Minnamunnung
- Munyunga
- Munyunga Cultural Heritage Technical Services
- Murramarang
- Murrumbul
- Muurumbul Cultural Heritage Technical Services
- Nerrigundah
- Ngambaa Cultural Connections
- Nundagurri
- Pemulwuy CHTS
- Thauaira

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- Didge Ngunawal Clan
- DJMD Consulatncy
- Eric Keidge
- Ginninderra Aboriginal Corporation
- Goobah Developments
- Goodradigbee Culture & Heritage Aboriginal Corporation
- Gulaga
- Gunyuu
- Gunyuu Cultural Heritage Technical Services
- Thoorga Nura
- Tocomwall
- Wailwan Aboriginal group
- Walbunja
- Walgalu
- Wingikara
- Wingikara Cultural Heritage Technical Services
- Wullung
- Yerramurra

A search conducted by the Office of the Registrar, *Aboriginal Land Rights Act 1983* (NSW) listed no Aboriginal Owners with land within the study area. A search conducted by the NNTT listed the study area as freehold, and freehold tenure extinguishes native title; the NNTT does not hold data sets for freehold tenure.

4.1.2 Public notice

In accordance with the consultation guidelines, a public notification was placed in *The Northern District Times* on 6 February 2019.

The advertisement invited Aboriginal people who hold cultural knowledge to register their interest in a process of community consultation to provide assistance in determining the significance of Aboriginal object(s) and/or places in the vicinity of the study area. A copy of the public notice is provided in Appendix 2.

4.1.3 Registration of Aboriginal parties

Aboriginal groups identified in Section 4.1.1 were sent a letter on 7 February 2019 inviting them to register their interest in a process of community consultation to provide assistance in determining the significance of Aboriginal object(s) and/or places in the vicinity of the study area. In response to the letters and public notice, a total of nine groups registered their interest in the project. Responses to registration from Aboriginal parties are provided in Appendix 2. A full list of Aboriginal parties who registered for consultation is provided below:

- A1 Indigenous Services
- Amanda Hickey Cultural Services
- Darug Boorooberongal Elders
- Darug Land Observations
- Didge Ngunawal Clan
- Goobah Developments
- Goodradigbee Cultural & Heritage Aboriginal Corporation
- Metropolitan Local Aboriginal Land Council
- Tocomwall

4.2 Stage 2: Presentation of information about the proposed project

On 27 February 2019 and 1 March 2019, Biosis provided RAPs with details about the proposed development works (project information pack). A copy of the project information pack is provided in Appendix 3.

4.3 Stage 3: Gathering information about cultural significance

4.3.1 Archaeological assessment methodology information pack

On 27 February 2019 and 1 March 2019, Biosis provided each RAP with a copy of the project methodology pack outlining the proposed ACHA process and methodology for this project. RAPs were given 28 days to review and prepare feedback on the proposed methodology. A copy of the project methodology pack is provided in Appendix 3.

A1Indigenous Services supported the methodology and wished to be considered for any test excavations. Darug Land Observations supported the methodology for the proposed development, and noted their preference that any artefacts recovered are reburied on site; Darug Land Observations also wished to be considered for archaeological test excavations and/or all other forms of works to be carried out on site.

4.3.2 Information gathered during fieldwork

During the archaeological survey on 22 February 2019, Kevin Telford of the Metropolitan LALC noted that, while the surrounding area would have traditionally been an important place for food and resources, any cultural material was more likely to be further down the slope closer to the foreshore. The possibility of rock engravings or grinding grooves occurring on the underlying sandstone beneath the introduced fill materials was also raised. Biosis conducted further research following the archaeological survey to determine the likelihood of rock engraving and/or grinding groove sites to be present within the study area.

4.4 Stage 4: Review of draft Aboriginal cultural heritage assessment report

Following completion of the draft ACHA report, a copy of the report was provided to RAPs on 28 March 2019 for review and comment. RAPs were provided with 28 days to provide comments, and five responses were received as detailed below. Comments on the draft report are provided in Appendix 4.

Amanda Hickey Cultural Services confirmed that they were happy with the ACHA and AR. Darug Land Observations confirmed that they had reviewed the draft ACHA and AR, and support the methodology for the proposed development.

Tocomwall provided a letter response with a covering email. Their email requested that their response be logged in the consultation records for the project and included in the ACHA, and also suggested that special acknowledgement to Tocomwall and other Aboriginal groups who participated in the consultation process be included in the report; no comments on the draft ACHA report were provided. Biosis responded with confirmation that these requests would be actioned and the details included in the final report. Tocomwall's letter also raised the issue of commercial engagement for consultation, specifically in regards to the review of the AR and ACHA documents, and also questioned the involvement of the MLALC in the site inspection.

Biosis notes the points raised by Tocomwall's letter and advises the following:

- In regards to payment for the review of the AR and ACHA, we note that organisations registering interest to be consulted as part of an ACHA do so on a voluntary basis. Under section 3.4 of the consultation requirements (DECCW 2010a, p.10), consultation "*...involves getting the views of, and information from, Aboriginal people and reporting on these...Consultation does not include employment of Aboriginal people to assist in field assessment and/or site monitoring. Aboriginal people may provide*

services to proponents through a contractual arrangement, this is separate from consultation." Our understanding of the consultation requirements is that reviewing reports comprises consultation and is undertaken on a voluntary basis, unless a contractual agreement exists with a proponent. Biosis is unaware of any such contractual agreement between Bloompark Consulting Services on behalf of St Joseph's College and Tocomwall.

- In regards to the second matter, we advise that under the *Aboriginal Land Rights Act 1983*, Local Aboriginal Land Councils have statutory roles and responsibilities to take action to protect the culture and heritage of Aboriginal persons in the council's area, subject to any other law, and promote awareness in the community of the culture and heritage of Aboriginal persons in the council's area. While the MLALC were invited to participate in a secondary survey of the study area following the initial survey as part of the Aboriginal Due Diligence Assessment Biosis (2018), this did not preclude any other registered groups from providing traditional knowledge of the land containing the study area.

5 Aboriginal cultural significance assessment

The two main values addressed when assessing the significance of Aboriginal sites are cultural values to the Aboriginal community and archaeological (scientific) values. This report will assess the cultural values of the study area. Details of the scientific significance assessment of the study area are provided in Appendix 5.

5.1 Introduction to the assessment process

Heritage assessment criteria in NSW fall broadly within the significance values outlined in the Australia International Council on Monuments and Sites (ICOMOS) *Burra Charter: The Australia ICOMOS Charter for Places of Cultural Significance* (Australia ICOMOS 2013) (the Burra Charter). This approach to heritage has been adopted by cultural heritage managers and government agencies as the set of guidelines for best practice heritage management in Australia. These values are provided as background and include:

- **Historical significance** (evolution and association) refers to historic values and encompasses the history of aesthetics, science and society, and therefore to a large extent underlies all of the terms set out in this section. A place may have historic value because it has influenced, or has been influenced by, a historic figure, event, phase or activity. It may also have historic value as the site of an important event. For any given place the significance will be greater where evidence of the association or event survives *in situ*, or where the settings are substantially intact, than where it has been changed or evidence does not survive. However, some events or associations may be so important that the place retains significance regardless of subsequent treatment.
- **Aesthetic significance** (Scenic/architectural qualities, creative accomplishment) refers to the sensory, scenic, architectural and creative aspects of the place. It is often closely linked with social values and may include consideration of form, scale, colour, texture, and material of the fabric or landscape, and the smell and sounds associated with the place and its use.
- **Social significance** (contemporary community esteem) refers to the spiritual, traditional, historical or contemporary associations and attachment that the place or area has for the present-day community. Places of social significance 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 significance be damaged or destroyed. These aspects of heritage significance can only be determined through consultative processes with local communities.
- **Scientific significance** (Archaeological, industrial, educational, research potential and scientific significance values) refers to the importance of a landscape, area, place or object because of its archaeological and/or other technical aspects. Assessment of scientific value is often based on the likely research potential of the area, place or object and will consider the importance of the data involved, its rarity, quality or representativeness, and the degree to which it may contribute further substantial information.

The cultural and archaeological significance of Aboriginal and historic sites and places is assessed on the basis of the significance values outlined above. As well as the Burra Charter significance values guidelines, various government agencies have developed formal criteria and guidelines that have application when assessing the significance of heritage places within NSW. Of primary interest are guidelines prepared by the Australian Government, the NSW OEH and the Heritage Branch, and the NSW Department of Planning and Environment. The relevant sections of these guidelines are presented below.

These guidelines state that an area may contain evidence and associations which demonstrate one or any combination of the Burra Charter significance values outlined above in reference to Aboriginal heritage. Reference to each of the values should be made when evaluating archaeological and cultural significance for Aboriginal sites and places.

In addition to the previously outlined heritage values, the OEH *Guidelines to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW* (OEH 2011) also specify the importance of considering cultural landscapes when determining and assessing Aboriginal heritage values. The principle behind a cultural landscape is that 'the significance of individual features is derived from their inter-relatedness within the cultural landscape'. This means that sites or places cannot be 'assessed in isolation' but must be considered as parts of the wider cultural landscape. Hence the site or place will possibly have values derived from its association with other sites and places. By investigating the associations between sites, places, and (for example) natural resources in the cultural landscape the stories behind the features can be told. The context of the cultural landscape can unlock 'better understanding of the cultural meaning and importance' of sites and places.

Although other values may be considered – such as educational or tourism values – the two principal values that are likely to be addressed in consideration of Aboriginal sites and places are the cultural/social significance to Aboriginal people and their archaeological or scientific significance to archaeologists and the Aboriginal community. The determinations of archaeological and cultural significance for sites and places should then be expressed as statements of significance that preface a concise discussion of the contributing factors to Aboriginal cultural heritage significance.

5.2 Cultural (social significance) values

Cultural or social significance refers to the spiritual, traditional, historical and/or contemporary associations and values attached to a place or objects by Aboriginal people. Aboriginal cultural heritage is broadly valued by Aboriginal people as it is used to define their identity as both individuals and as part of a group (DECCW 2010, p.iii). More specifically it provides:

- A 'connection and sense of belonging to Country' (DECCW 2010, p.iii).
- A link between the present and the past (DECCW 2010, p.3).
- A learning tool to teach Aboriginal culture to younger Aboriginal generations and the general public (DECCWa 2010 p.3).
- Further evidence of Aboriginal occupation prior to European settlement for people who do not understand the magnitude to which Aboriginal people occupied the continent (DECCW 2010, p.3).

It is acknowledged that Aboriginal people are the primary determiners of the cultural significance of Aboriginal cultural heritage. During consultation the RAPs did not provide any information in regards to the cultural values of the study area however, the Metropolitan LALC made note that, given the proximity of the study area to the Parramatta River and Lane Cove River, the surrounding area would have traditionally been an important place for food and resources.

5.3 Historic values

Historic significance refers to associations a place or object may have with a historically important person, event, phase or activity to the Aboriginal and other communities. The study area does have known historic associations with early European settler Mary Reiby, as well as the establishment of St Joseph's College by the

Marist Brothers. A full discussion of the historic associations of the study area can be found in TKD Architects 2018b and Biosis Pty Ltd 2018.

5.4 Archaeological (scientific) values

An archaeological assessment was undertaken for the study area and is presented in detail as part of the attached AR (Appendix 5).

No Aboriginal sites or potential archaeological deposits (PADs) were identified within the study area and no previously recorded sites are located within, or in close proximity to the study area. There is a low likelihood of Aboriginal cultural heritage with archaeological (scientific) value occurring within the study area. The scientific significance of the entire study area is therefore assessed as low.

5.5 Aesthetic values

The study area is has been highly disturbed by historical land clearing, dairy farming and construction of the various College buildings, facilities and associated infrastructure, which has modified original landforms. The natural landscape features of a crest and upper slopes of an unnamed hill gradually descending towards Tarban Creek, Tarban Bay and the Parramatta River foreshores are evident, but as noted above, are highly modified. The study area has been assessed as having low aesthetic significance.

5.6 Statement of significance

No Aboriginal sites or PADs were identified within the study area and no previously recorded sites are located within, or in close proximity to the study area. The archaeological significance of the study area has been assessed as low. The landforms present (crest and upper slopes), lack of sandstone outcropping suited to shelter or engraving, distance and topographical influences in relation to fresh water sources, and the major disturbances to the ground surface in the south-eastern portion indicates that the study area is unlikely to retain evidence of past Aboriginal use.

No specific information on the cultural significance of the study area has been provided by the RAPs, however RAPs advised that the surrounding area was likely well used by Aboriginal people prior to European settlement, given its proximity to the Parramatta River and Lane Cove River.

The historic and aesthetic significance of the study area have both been assessed as low.

Overall, the study demonstrates low Aboriginal cultural heritage significance.

6 Development limitations and mitigation measures

Within the study area, there are no recorded Aboriginal sites that may be subject to harm or impact by the proposed works. It is recommended that the proposed works proceed with caution.

6.1 Management and mitigation measures

Ideally, heritage management involves conservation of sites through the preservation and conservation of fabric and context within a framework of 'doing as much as necessary, as little as possible' (Australia ICOMOS 2013). In cases where conservation is not practical, several options for management are available. For sites, management often involves the salvage of features or artefacts, retrieval of information through excavation or collection (especially where impact cannot be avoided) and interpretation.

Avoidance of impact to archaeological and cultural heritage sites through the design of the development is the primary mitigation and management strategy, and should be implemented where practicable and if required.

This assessment has determined that the proposed works will not impact on any Aboriginal sites or objects. An unexpected finds protocol has been recommended as part of this assessment.

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7 Recommendations

Recommendations regarding the archaeological value of the study area and the subsequent management of Aboriginal cultural heritage is provided in the AR (Appendix 5).

Recommendation 1: Works may proceed with caution in areas of low archaeological potential

No Aboriginal objects, sites, or areas of sensitivity were identified within the study area. The areas of proposed works have been assessed as holding low archaeological potential. No further archaeological works are required. The proposed works may proceed with caution; refer to Recommendation 2 below for unanticipated Aboriginal objects.

Recommendation 2: Discovery of Unanticipated Aboriginal Objects

All Aboriginal objects and Places are protected under the NPW Act. It is an offence to knowingly disturb an Aboriginal site without a consent permit issued by the OEH. Should any Aboriginal objects be encountered during works associated with this proposal, works must cease in the vicinity and the find should not be moved until assessed by a qualified archaeologist. If the find is determined to be an Aboriginal object the archaeologist will provide further recommendations. These may include notifying the OEH and Aboriginal stakeholders.

Recommendation 3: Discovery of Aboriginal Ancestral Remains

Aboriginal ancestral remains may be found in a variety of landscapes in NSW, including middens and sandy or soft sedimentary soils. If any suspected human remains are discovered during any activity you must:

1. Immediately cease all work at that location and not further move or disturb the remains.
2. Notify the NSW Police and OEH's Environmental Line on 131 555 as soon as practicable and provide details of the remains and their location.
3. Not recommence work at that location unless authorised in writing by OEH.

Recommendation 4: Continued consultation with the registered Aboriginal stakeholders

As per the consultation requirements it is recommended that the proponent provides a copy of this draft report to the Aboriginal stakeholders and considers all comments received. The proponent should continue to inform these groups about the management of Aboriginal cultural heritage sites within the study area throughout the life of the project.

Recommendation 5: Lodgment of Final Report

A copy of the final report will be sent to:

- Registered Aboriginal Parties.
- The AHIMS database.

References

Allen, J & O'Connell, J 2003, 'The long and the short of it: archaeological approaches to determining when humans first colonised Australia and New Guinea.', *Australian Archaeology*, vol. 57, pp. 5–19.

Attenbrow, V 2002, *Sydney's Aboriginal Past: Investigating the archaeological and historical records*, University of New South Wales Press Ltd, Sydney.

Australia ICOMOS 2013, *The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance*, Australia ICOMOS, Burwood, VIC.

Beecroft-Cheltenham History Group 1995, *Beecroft and Cheltenham: the shaping of a Sydney community to 1914*, The Group, Beecroft.

Biosis Pty Ltd 2018, *St Joseph's College Physical Education and Sports Precinct Project: Baseline Historical Archaeological Assessment. Report prepared for Bloompark Consulting Services on behalf of St Joseph's College*.

Biosis Pty Ltd & Biosis 2016, *Darcoola west water efficiency scheme: Aboriginal cultural heritage assessment report*, Unpublished report to Department of Primary Industries – Water, Authors: Atkinson, A, Smith, S & Cole, J.

Bowler, JM et al. 2003, 'New ages for human occupation and climatic change at Lake Mungo, Australia', *Nature*, vol. 421, no. 6925, pp. 837–840.

Chapman, G & Murphy, C 1989, *Soil Landscapes of the Sydney 1:100,000 sheet*, Soil Conservation Service of NSW, Sydney.

Conyers, B 1990, *Survey for Aboriginal Archaeological Sites: Lane Cove River State Recreation Area*.

DECCW 2010, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment and Climate Change, Sydney NSW.

ENSR Australia Pty Ltd 2008, *Aboriginal Heritage Assessment: Integrated Oilseed Processing and Biodiesel Plant. Report to Riverina Oils and Bio Energy Pty Ltd.*

Farlow, M & Phippen, A 2003, *Gladesville, Dicttionary of Sydney*, viewed 22 February 2018, <<https://dictionaryofsydney.org/entry/gladesville>>.

Jo McDonald Cultural Heritage Management. 2005a, *Archaeological Salvage Excavation of Site RTA-GI, 109-113 George Street, Parramatta, NSW. Unpublished Report for Landcom.*

Jo McDonald Cultural Heritage Management. 2005b, *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW. Report prepared for Meriton Apartments Pty. Ltd.*

Jo McDonald Cultural Heritage Management 2006, *Archaeological Subsurface Investigations at Sepp59 Wonderland Surplus, Old Wallgrove Road, Eastern Creek. Report to Australand Holdings Pty Ltd*.

Jo McDonald Cultural Heritage Management Pty Ltd 2000, *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW. Report to Gunninah Environmental Consultants for Austral Brick Company.*

Jo McDonald Cultural Heritage Management Pty Ltd 2005a, *Archaeological Salvage Excavation of Site RTA-G1 109-113 George Street Parramatta, NSW*, Report to Landcom.

Jo McDonald Cultural Heritage Management Pty Ltd 2005b, *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW. Report prepared for Meriton Apartments Pty. Ltd.*

Jo McDonald Cultural Heritage Management Pty Ltd 2008, *Austral Land Mamre Road , Erskine Park Archaeological Salvage Excavations, Report to Macquarie Goodman.*

Kelleher Nightingale Consulting Pty Ltd 2008, *Wagga Wagga Local Environmental Study Aboriginal Cultural Heritage Assessment*.

National Parks and Wildlife Service 1998, *Lane Cove National Park: Plan of Management*, NSW National Parks and Wildlife Service, Lane Cove, NSW.

NPWS 2003, *The Bioregions of New South Wales: their biodiversity, conservation and history NSW National Parks and Wildlife Service. NSW National Parks and Wildlife Service, Hurstville.*

OEH 2011, *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW*, Office of Environment and Heritage.

Ritter, DF, Kochel, RC, & Miller, JR 1995, *Process Geomorphology*, Wm. C. Brown.

Sherry, B 2009, 'Hunters Hill', *Sydney Journal*, vol. 2, no. 1, pp. 98–106.

Smith, K 2017, *Aboriginal History, City of Ryde*, viewed 19 February 2018, <<http://www.ryde.nsw.gov.au/Library/Local-and-Family-History/Historic-Ryde/Aboriginal-History>>.

'St. Joseph's College, Hunter's Hill' 1894, *The Sydney Morning Herald*, p. 6.

Strahler, A 1964,'Quantitative geomorphology of drainage basins and channel networks', in V Chow (ed.), *Handbook of Applied Hydrology*, McGraw-Hill, New York.

TKD Architects 2018a, *Sports Court Project. St Joseph's College, Mark Street, Hunters Hill. Draft Statement of Heritage Impact*.

TKD Architects 2018b, *Physical Education and Sports Precinct Project. St Joseph's College, Mark Street, Hunters Hill. Statement of Heritage Impact. Issue A. Prepared for St Joseph's College, Hunters Hill*.

WSP Australia Pty Ltd 2018, *Targeted contamination investigation - St Joseph's College, Mary Street, Hutners Hill NSW*, Report for Bloompark Consulting Services Pty Ltd.

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Appendices

Appendix 1 Consultation log

Stage 1 – Notification of project proposal and registration of interest

Step 1- Identification of Aboriginal people/parties with an interest in the proposed study area.

Biosis notified the following bodies on 23 January 2019 regarding the proposed project and were provided with 14 days to respond (closing date 6 February 2019). One response was received after the closing date.

Organisation contacted	Date and type of contact	Date and type of response	Response details
Greater Sydney Local Land Services	23/01/2019 Letter	04/02/2019 Email	GS LLS is not the primary source for contacting or managing contact lists for Aboriginal communities or persons that may inform or provide comment on planning issues. GS LLS considers cultural heritage issues that relate to land-use planning in general and only considers culture and heritage issues in the context of NRM. We strongly recommend that you make contact with the Office of Environment and Heritage (OEH), Cultural Heritage Division, for all-inclusive contact lists of persons and organisations that may assist with your investigation.
Hunters Hill Council	23/01/2019 Email	23/01/2019 Email	Automatic response.
Metropolitan Local Aboriginal Land Council	23/01/2019 Email	N/A	N/A
National Native Title Tribunal	23/01/2019 Email	23/01/2019 Email 23/01/2019 Email	Automatic response. Records held by the National Native Title Tribunal as at 23 January 2019 indicate that the identified parcels appear 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.
Native Title Services CORP Limited	23/01/2019 Email	N/A	N/A
OEH Greater Sydney Office	23/01/2019 Letter	25/01/2019 Email 06/02/2019	Provided list of Aboriginal stakeholders known to OEH. Updated stakeholder list provided.
Office of the Registrar, Department of Aboriginal	23/01/2019 Letter	07/03/202019	A search of the RAO has shown that there are not currently any Registered

Organisation contacted	Date and type of contact	Date and type of response	Response details
Affairs			Aboriginal Owners in the project area. A search of the Register and the property above does not appear as being affected by an Aboriginal Land Claim, pursuant to sections 36 or 37 of the Aboriginal Land Rights Act 1983.

Step 2- Public advertisement

The public notice was published in T*he Northern District Times* on the 6 February 2019. Respondents we provided with 14 days to confirm their interest in the project (closing date 19 February 2019). A copy of the advertisement is provided in Appendix 2.

Step 3- Registration of interest.

The registration period ran from 6 February 2019 to 21 February 2019. Leeway was given to Aboriginal parties/groups who provided responses shortly after the close of this period and they have been registered as Aboriginal parties for consultation.

Organisation contacted	Date and type of contact	Date and type of response	Response details
A1 Indigenous Services	07/02/2019 Email 07/02/2019 Mail	23/02/202019	Registered an interest in the project.
Amanda Hickey Cultural Services	07/02/2019 Email	10/02/2019 Email	Registered an interest in the project.
B.H. Consultants	07/02/2019 Email 07/02/2019 Email	08/02/2019 Email	Wrong email address; mobile number provided is disconnected; hard copy registration invitation letter sent.
Badu	07/02/2019 Email	N/A	N/A
Barking Owl Aboriginal Corporation	07/02/2019 Email	N/A	N/A
Biamanga	07/02/2019 Email	N/A	N/A
Bilinga	07/02/2019 Email	N/A	N/A
Bilinga CHTS	07/02/2019 Email	07/02/2019 Email	Undeliverable email; no alternative contact details.
Butucarbin Aboriginal Corporation	07/02/2019 Email	N/A	N/A
Callendulla	07/02/2019 Email	N/A	N/A
Darug Aboriginal Cultural heritage Assessments	07/02/2019 Mail	N/A	N/A
Darug Boorooberongal Elders	07/02/2019 Email	07/02/2019 Email	Registered an interest in the project.
Darug Land Observations	07/02/2019 Email	01/02/2019 Email	Registered an interest in the project.

Organisation contacted	Date and type of contact	Date and type of response	Response details
Dharug	07/02/2019 Email	N/A	N/A
Didge Ngunawal Clan	07/02/2019 Email	07/02/2019 Email	Registered an interest in the project.
DJMD Consultancy	07/02/2019 Email	N/A	N/A
Eric Keidge	07/02/202019 Letter	N/A	N/A
Ginninderra Aboriginal Corporation	07/02/2019 Email	N/A	N/A
Goodbah Developments	07/02/2019 Email	12/02/2019 Email	Registered an interest in the project.
Goodradigbee Cultural & Heritage Aboriginal Corporation	07/02/2019 Email	09/02/2019	Registered an interest in the project.
Gulaga	07/02/2019 Email	N/A	N/A
Gunyuu	07/02/2019 Email	N/A	N/A
Gunyuu CHTS	07/02/2019 Email	07/02/2019 Email	Undeliverable email; no alternative contact details.
Jerringong	07/02/2019 Email	N/A	N/A
Metropolitan Local Aboriginal Land Council	07/02/2019 Mail	N/A	No response received but was added to the list of registered parties.
Minnamunnung	07/02/2019 Email	N/A	N/A
Munyunga	07/02/2019 Email	N/A	N/A
Munyunga CHTS	07/02/2019 Email	07/02/2019 Email	Undeliverable email; no alternative contact details.
Murramarang	07/02/2019 Email	N/A	N/A
Murrumbul	07/02/2019 Email	N/A	N/A
Murrumbul CHTS	07/02/2019 Email	07/02/2019 Email	Undeliverable email; no alternative contact details.
Nerrigundah	07/02/2019 Email	07/02/2019 Email	Undeliverable email; no alternative contact details.
Ngambaa Cultural Connections	07/02/2019 Email	N/A	N/A
Nundagurri	07/02/2019 Email	N/A	N/A
Pemulwuy CHTS	07/02/2019 Email	N/A	N/A
Thauaira	07/02/2019 Email	N/A	N/A
Thoorga Nura	07/02/2019 Email	N/A	N/A
Tocomwall	07/02/2019 Mail	08/02/2019 Email	Registered an interest in the project.

Organisation contacted	Date and type of contact	Date and type of response	Response details
Wailwan Aboriginal Group	07/02/2019 Email	N/A	N/A
Walbunja	07/02/2019 Email	N/A	N/A
Walgalu	07/02/2019 Email	N/A	N/A
Wingikara	07/02/2019 Email	N/A	N/A
Wingikara CHTS	07/02/2019 Email	07/02/2019 Email	Undeliverable email; no alternative contact details.
Wullung	07/02/2019 Email	N/A	N/A
Yerramurra	07/02/2019 Email	N/A	N/A

Stage 2 – Presentation of information about the proposed project

Step 1- Provision of project information pack

RAPs were provided with a copy of the information pack on 27 February 2019 and 1 March 2019. A copy of the information pack is provided in Appendix 3.

Organisation contacted	Date and type of contact	Date and type of response	Response details
A1 Indigenous Services	01/03/2019 Email	N/A	N/A
Amanda Hickey Cultural Services	27/02/2019 Email	N/A	N/A
Darug Boorooberongal Elders	27/02/2019 Email	N/A	N/A
Darug Land Observations	27/02/2019 Email	N/A	N/A
Didge Ngunawal Clan	27/02/2019 Email	N/A	N/A
Goobah Developments	27/02/2019 Email	N/A	N/A
Goodradigbee Cultural & Heritage Aboriginal Corporation	27/02/2019 Email	N/A	N/A
Metropolitan Local Aboriginal Land Council	01/03/2019 Mail	N/A	N/A
Tocomwall	27/02/2019 Email	N/A	N/A

Stage 3 – Gathering information about cultural significance

Step 1- Provision of project information and methodology pack

RAPs were provided with a copy of the project information and methodology pack on 27 February 2019 and were provided with 28 days to review and provide feedback on the methodology (closing date 29 March 2019). A copy of the methodology pack is provided in Appendix 3.

Organisation contacted	Date and type of contact	Date and type of response	Response details
A1 Indigenous Services	01/03/2019 Email	09/03/2019 Email	Responded supporting the methodology and wishes to be considered for any test excavations.
Amanda Hickey Cultural Services	27/02/2019 Email	N/A	N/A
Darug Boorooberongal Elders	27/02/2019 Email	N/A	N/A
Darug Land Observations	27/02/2019 Email	06/03/2019 Email	Responded supporting the methodology for the proposed development, prefers that any artefacts recovered are reburied on site, and wishes to be considered for archaeological test excavations and/or all other forms of works to be carried out on site.
Didge Ngunawal Clan	27/02/2019 Email	N/A	N/A
Goobah Developments	27/02/2019 Email	N/A	N/A
Goodradigbee Cultural & Heritage Aboriginal Corporation	27/02/2019 Email	N/A	N/A
Metropolitan Local Aboriginal Land Council	01/03/2019 Mail	N/A	N/A
Tocomwall	27/02/2019 Email	N/A	N/A

Step 2- Field survey

Organisation contacted	Date and type of contact	Date and type of response	Response details
Metropolitan Local Aboriginal Land Council	14/02/2019 Email	19/02/2019 Email	Confirmed availability of Kevin Telford to attend survey on 22 February 2019.

Stage 4 – Review of draft report

Step 1- Provision of draft report for review

RAPs were provided with a copy of the draft ACHA and AR on 3 April 2019, and were provided with 28 days to review and provide comment on the reports (closing date 01 May 2019). A copy of the correspondence is provided in Appendix 4.

Organisation contacted	Date and type of contact	Date and type of response	Response details
A1 Indigenous Services	03/04/2019 – email	N/A	N/A
Amanda Hickey Cultural Services	03/04/2019 – email	03/03/2019 - email	Confirmed they are happy with the ACHA and AR.
Darug Boorooberongal Elders	03/04/2019 – email		
Darug Land Observations	03/04/2019 – email	22/04/2019 - email	Confirmed they have reviewed the draft ACHA and AR, and supports the methodology for the proposed development.
Didge Ngunawal Clan	03/04/2019 – email	N/A	N/A
Goobah Developments	03/04/2019 – email	N/A	N/A
Goodradigbee Cultural & Heritage Aboriginal Corporation	03/04/2019 – email	N/A	N/A
Metropolitan Local Aboriginal Land Council	03/04/2019 – letter	N/A	N/A
Tocomwall	03/04/2019 – email	04/04/2019 – email	Covering email requested that their response be logged and included in the report, and suggested a special acknowledgement be given to Tocomwall and other Aboriginal groups involved in the consultation process. The letter raised two issues regarding commercial engagement for consultation, specifically in regards to the review of the AR and ACHA documents, and questioned the involvement of the MLALC in the site inspection.

Appendix 2 Stage 1: Notification of project proposal and registration of interest

22 January 2019

General Manager
Hunters Hill Council
PO Box 21
Hunters Hill NSW 2110

Dear Sir or Madam,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Notification to Agencies

Our Ref: Matter 29211

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct at St Joseph's College, Mark Street (Lot 2, DP 527024), Hunters Hill, NSW (the study area). The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed.
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed)
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer
  - Driveway entry to the PESPP (no new vehicular cross overs)
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site

- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

Biosis have been engaged by Bloompark Consulting Services on behalf of St Joseph's College to undertake an Aboriginal Cultural Heritage Assessment (ACHA) under *the Code of Practice for archaeological investigation of Aboriginal Objects in NSW* (DECCW 2010a) for the project.

In accordance with the Office of Environment and Heritage's *Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010* (DECCW 2010b) (consultation requirements), Part 6 *National Parks and Wildlife Act 1974*, individuals or groups are invited to register their interest in writing to participate in the ACHA and consultation process for the proposed works.

Biosis Pty Ltd is assisting with consultation with the Aboriginal community in accordance with the consultation requirements. The purpose of the Aboriginal community consultation will be to assist with the preparation of an Environmental Impact Statement and to provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development application.

Biosis wishes to identify Aboriginal people who may have an interest in the proposed study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or places in the Hunters Hill area. If you could please provide contact details for any such Aboriginal people or organisations of which you are aware it would be greatly appreciated. Please provide these details by **4pm on 6 February 2019**.

In accordance with the consultation requirements, please note that the relevant client contact for this project is:

Peter Brogan
Bloompark Consulting Services – Managing Director
pbrogan@bloompark.com.au

All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the Project Site should be provided in writing to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

If you have any queries regarding the Project please don't hesitate to contact me on the details below.

Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

22 January 2019

Cultural and Heritage Officer
Metropolitan Local Aboriginal Land Council
36-38 George Street
Redfern NSW 2016

Dear Sir or Madam,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Notification to Agencies

Our Ref: Matter 29211

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

22 January 2019

Land and Notifications Officer
Native Title Services Corporation
PO Box 2105
Strawberry Hills NSW 2012

Dear Sir or Madam,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Notification to Agencies

Our Ref: Matter 29211

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct at St Joseph's College, Mark Street (Lot 2, DP 527024), Hunters Hill, NSW (the study area). The project is comprised of the following:

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

22 January 2019

National Native Title Tribunal
GPO Box 9973
Sydney NSW 2001

Dear Sir or Madam,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Notification to Agencies
Our Ref: Matter 29211

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In accordance with the consultation requirements, please note that the relevant client contact for this project is:

Peter Brogan
Bloompark Consulting Services – Managing Director
pbrogan@bloompark.com.au

All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the Project Site should be provided in writing to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

If you have any queries regarding the Project please don't hesitate to contact me on the details below.

Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

National Native Title Tribunal

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:	Charlotte Allen
POSITION:	Archaeologist
COMPANY/ORGANISATION:	Biosis Pty Ltd
POSTAL ADDRESS:	Unit 14, 17-27 Power Avenue, Alexandria NSW 2015
TELEPHONE:	0437 641 267
EMAIL:	callen@biosis.com.au
YOUR REFERENCE:	29211
DATE OF REQUEST:	23/01/2019

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: Consultation under NPW Act 1974, as part of an Aboriginal Cultural Heritage 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: NSW

Lot and plan details: Lot 2, DP 527024

Pastoral Lease number or name:

Other details: (Town/County/Parish/Section/Hundred/Portion): Hunters Hill, Parish of Hunters Hill, County of Cumberland

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

22 January 2019

Senior Team Leader - Planning
Office of Environment and Heritage
PO Box 644
Parramatta NSW 2124

Dear Sir or Madam,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Notification to Agencies

Our Ref: Matter 29211

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct at St Joseph's College, Mark Street (Lot 2, DP 527024), Hunters Hill, NSW (the study area). The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed.
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed)
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer
  - Driveway entry to the PESPP (no new vehicular cross overs)
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site

- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

22 January 2019

Office of the Registrar, Aboriginal Land Rights Act 1983
PO Box 112
Glebe NSW 2037

Dear Sir or Madam,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Notification to Agencies

Our Ref: Matter 29211

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If you have any queries regarding the Project please don't hesitate to contact me on the details below.

Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

REQUEST FOR SEARCH OF LAND CLAIM REGISTER

OFFICE OF THE REGISTRAR
ABORIGINAL LAND RIGHTS ACT 1983 (NSW)

Level 3, 2-10 Wentworth Street
Parramatta, 2124
02 8633 1266

PO Box 5068
Parramatta, 2124

Please send the completed form via e-mail to : Adminofficer@oralra.nsw.gov.au

Please print all details clearly using block letters

Full name of person requesting search: *(name for correspondence)*

Charlotte Allen

Name of company: Biosis Pty Ltd

Postal address: Unit 14, 17 –27 Power Avenue
Alexandria NSW 2015

E –mail address: callen@biosis:com:au

Office phone number: 02 9101 8712 Mobile phone: 0437 641 267

Land identifiers: (lot, DP, reserve number – not Crown plan number or vol fol id): Lot 2, DP 527024

Parish name: Hunters Hill

County name: Cumberland

To assist the office in assigning priorities, please answer the following:

1) Purpose for which information is required:

Consultation under NPW Act 1974, as part of an Aboriginal Cultural Heritage Assessment

2) If urgent consideration is required, reason for urgency:

Signature, position and date: Archaeologist
23/01/2018

Please note:

1: The register covers only Crown land.
2: All information is required, including a name for correspondence before the search will be completed.
3: The person to whom correspondence is addressed must sign the form.
4: Searches are completed within 10 working days and returned by e –mail
5: Please be aware, it may take longer than 10 working days to respond to search requests that contain more than 10 parcels or identifiers

March 2009

22 January 2019

Greater Sydney Local Land Services
PO Box 4515
Westfield Penrith NSW 2750

Dear Sir or Madam,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Notification to Agencies
Our Ref: Matter 29211

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pbrogan@bloompark.com.au

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Alexandria NSW 2015
callen@biosis.com.au

If you have any queries regarding the Project please don't hesitate to contact me on the details below.

Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

From:	Den Barber
To:	Charlotte Allen
Subject:	St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment - Notification to Agencies Ref: Matter 29211l
Date:	Monday, 4 February 2019 10:11:33 AM

Dear Charlotte Allen,

Re: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment - Notification to Agencies Ref: Matter 29211l

Thank you for your letter dated 22 January 2019, requesting assistance with identifying Aboriginal stakeholder groups or persons who may have an interest in your project area. Greater Sydney Local Land Services (GS LLS) acknowledges that Local Land Services have been listed in *Section 4.1.2 (g)* of the *Aboriginal cultural heritage consultation requirements for proponents 2010,* under *Part 6, National Parks and Wildlife Act 1974* as a source of information to obtain the "names of Aboriginal people who may hold cultural knowledge relevant to determining the significance of Aboriginal *objects* and/or *places*". GS LLS is a partner with many Aboriginal communities in the region on many natural resource management (NRM) projects. However, GS LLS is not the primary source for contacting or managing contact lists for Aboriginal communities or persons that may inform or provide comment on planning issues. GS LLS considers cultural heritage issues that relate to land-use planning in general and only considers culture and heritage issues in the context of NRM.

We strongly recommend that you make contact with the Office of Environment and Heritage (OEH), Cultural Heritage Division, for all-inclusive contact lists of persons and organisations that may assist with your investigation.

Note: Hawkesbury Nepean Catchment Management Authority (HNCMA) no longer exists. All work previously carried out by HNCMA in now delivered by Greater Sydney Local Land Services (GS LLS).

Regards,

Den Barber | Land Services Officer - Aboriginal Communities

Greater Sydney Local Land Services

Level 4 | 2-6 Station Street | PO Box 4515 Penrith Westfield | Penrith NSW 2750

T: 02 4724 2142 | F: 02 4724 2198 | | E: den.barber@lls.nsw.gov.au

www.greatersydney.lls.nsw.gov.au

'I acknowledge Country and pay my respect to Elders, past and present'

'I acknowledge the Sky Father creator, the good ancestral spirits and Mother Earth'





This message is intended for the addressee named and may contain confidential information. If you are not the intended recipient, please delete it and notify the sender. Views expressed in this message are those of the individual sender, and are not necessarily the views of their organisation.

From: Council Emails
To: Charlotte Allen
Subject: Automatic reply: 29211 St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment
Date: Wednesday, 23 January 2019 3:38:18 PM
Attachments: imagea0960b.JPG
imageac5af8.JPG
imagec730ae.PNG
image337156.PNG

Thank you for your email, it has been received and will be forwarded to the relevant department or person.
Please do not respond to this email as it is not monitored.

HUNTER'S HILL COUNCIL
Address: 22 Alexandra Street Hunters Hill
Phone: 02 98799400
Fax: 02 98097338
Email: council@huntershill.nsw.gov.au

NSW Local Government Excellence Awards

Winner NSW Local Government Excellence Awards 2014 & 2016

Hunter's Hill Council is social!

Hunter's Hill Council's values are at the **HEART** of what we do and who we are: **H**onesty | **E**xcellence | **A**ccountability | **R**espect | **T**eam Work

Please consider the environment before printing this email

This message is intended for the addressee and may contain confidential or legally privileged information. If you are not the intended recipient, any use, disclosure or copying of this email is unauthorised. Please delete it and notify the sender.

From:	Geospatial Search Requests
To:	Charlotte Allen
Subject:	RE: 29211 St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment
Date:	Wednesday, 23 January 2019 3:42:50 PM

Your email has been received and is being actioned. For information regarding timeframes and what you will receive in response please refer to our website at this address: http://www.nntt.gov.au/assistance/Pages/Searches-and-providing-Register-information.aspx

Geospatial Searches

National Native Title Tribunal | Perth

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

From:	Geospatial Search Requests
To:	Charlotte Allen
Subject:	RE: SR5345 - 29211 St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment - SR5345
Date:	Wednesday, 23 January 2019 6:42:24 PM
Attachments:	image001.png

UNCLASSIFIED

Native title search – *NSW Freehold Parcel – Lot 2 on DP527024*
Your ref: *29211* - **Our ref:** *SR5345*
Dear Charlotte Allen,
Thank you for your search request received on 23 January 2019 in relation to the above area.
Please note: Records held by the National Native Title Tribunal as at 23 January 2019 indicate that the identified parcels appear 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.
Cultural Heritage Searches in NSW
The National Native Title Tribunal (the Tribunal) has undertaken steps to remove itself from the formal list of sources for information about indigenous groups in development areas. The existence or otherwise of native title is quite separate to any matters relating to Aboriginal cultural heritage. Information on native title claims, native title determinations and Indigenous Land Use Agreements is available on the Tribunal's website.
Interested parties are invited to use Native Title Vision (NTV) the Tribunal's online mapping system to discover native title matters in their area of interest. Access to NTV is available at http://www.nntt.gov.au/assistance/Geospatial/Pages/NTV.aspx
Training and self-help documents are available on the NTV web page under "Training and help documents". For additional assistance or general advice on NTV please contact GeospatialSearch@NNTT.gov.au
Additional information can be extracted from the Registers available at http://www.nntt.gov.au/searchRegApps/Pages/default.aspx
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: Charlotte Allen
Sent: Wednesday, 23 January 2019 12:43 PM
To: Geospatial Search Requests
Subject: SR5345 - 29211 St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment
Good afternoon,
St Joseph's College are proposing to develop a new Physical Education and Sports Precinct at St Joseph's College, Mark Street, Hunters Hill, NSW. Biosis have been engaged by Bloompark Consulting Services on behalf of St Joseph's College to undertake an Aboriginal Cultural Heritage Assessment (ACHA) under *the Code of Practice for archaeological investigation of Aboriginal*

Objects in NSW for the project.

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Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

If you have any queries regarding the Project please don't hesitate to contact me on the details below.

Yours sincerely,

Charlotte

Charlotte Allen
Archaeologist
M: 0437 641 267
D: (02) 9101 8712
E: callen@biosis.com.au

Biosis Logo

Leaders in Ecology and Heritage Consulting

The information transmitted including attachments is intended only for the person or entity to which it is addressed and may contain copyright material, or information that is confidential or is exempt from disclosure by law. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is strictly prohibited. If you received this in error, please contact the sender and delete the material from your computer. The views expressed in this email are those of the sender except where the sender expressly and with authority states them to be the views of Biosis Pty Ltd. Biosis Pty Ltd does not represent that this email is free of errors, viruses or interference. When using email to communicate with Biosis Pty Ltd, access to that information by Biosis Pty Ltd personnel is strictly limited and controlled.

From:	Barry Gunther
To:	Charlotte Allen
Subject:	OEH Aboriginal Consultation Stakeholder List Physical Education and Sports Precinct at St Joseph's College, Mark Street Hunters Hill NSW
Date:	Friday, 25 January 2019 11:46:05 AM
Attachments:	image001.png 20190125084949527.pdf

Hi Charlotte,

Please find attached the OEH Aboriginal Consultation Stakeholder List requested by you for the new Physical Education and Sports Precinct at St Joseph's College, Mark Street Hunters Hill NSW.

If you wish to discuss this letter please contact me on the number below.

Regards

Barry Gunther

Aboriginal Heritage Planning Officer

www.environment.nsw.gov.au

Greater Sydney Branch
Communities and Greater Sydney Division

10 Valentine Avenue, Parramatta 2150
PO Box 644, Parramatta 2124
T 02 88376394

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.

This email is intended for the addressee(s) named and may contain confidential and/or privileged information.
If you are not the intended recipient, please notify the sender and then delete it immediately.
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

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 update is 1st February 2019

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
Deerubbin Local Aboriginal Land Council	Kevin Cavanagh	(02) 4724 5600	Not provided	2/9 Tindale St, Penrith NSW 2750	Hawkesbury Blacktown Penrith Fairfield	Holroyd Blue Mountains The Hills Shire Parramatta	
Tharawal Local Aboriginal Land Council	Rebecca Ede (CEO)	(02) 46810059	ceo@tharawal.com.au reception@tharawal.com.au	PO Box 245 Thirlmere NSW 2572	Camden Campbelltown Wollondilly	Sutherland Liverpool	
Metropolitan Local Aboriginal Land Council	Nathan Moran	(02) 83949666	Not provided	PO Box 1103 Strawberry Hills NSW 2016	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	
Gandangara Local Aboriginal Land Council	Not provided	(02) 96025280	Not provided	PO Box 1038 Liverpool NSW 2170	Liverpool Fairfield Holroyd Parramatta	Auburn Bankstown Sutherland	
La Perouse Local Aboriginal Land Council	Chris Ingrey	(02) 9311 4282	Not provided	PO Box 365 Matraville NSW 2036	Sutherland Randwick Botany Bay Waverly	Woollahra Sydney Rockdale	
Parramatta City Council Aboriginal Advisory Committee	Parramatta City Council	(02)9806 5050	Not provided	PO Box 32, Parramatta, NSW, 2124	Parramatta		
Holroyd City Council Advisory Committee	Holroyd City Council	(02) 9840 9840	Not provided	P.O. Box 42, Merrylands, NSW 2160	Holroyd		
Darug Custodian Aboriginal Corporation	Justine Coplin	0414 962 766	justinecoplin@optusnet.com.au	PO Box 81, Windsor NSW 2756	Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains	Camden Campbelltown The Hills Shire Liverpool Parramatta	
Darug Tribal Aboriginal Corporation	Not provided	02 9622 4081	Not provided	PO Box 441, Blacktown NSW 2148	Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains	Camden Campbelltown The Hills Shire Liverpool Parramatta	
Darug Aboriginal Cultural Heritage Assessments	Gordon Morton	02 9410 3665 or 0422 865 831	Not provided	Unit 9, 6 Chapman Avenue, Chatswood, NSW 2067	Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains Camden Campbelltown The Hills Shire	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
					Liverpool Parramatta Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Darug Land Observations	Jamie Workman and Anna Workman	0418 494 951 0413 687 279	daruglandobservations@gmail.com	PO Box 173, Ulladulla, NSW 2539	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	
Des Dyer		0408 360 814	Not provided	18a Perigee Close, Doonside 2767	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown The Hills Shire Liverpool Parramatta	
Ken Foster		0411 818 091	Not provided	68 Australia St Matraville	Sutherland	
La Perouse Botany Bay Corporation	Yvonne Simms	04660 94491	Fax (02) 9311 3440	10 Murrong Place, La Perouse NSW 2036	Sutherland	
Norma Simms		04660 94491	Not provided	10 Murrong Place, La Perouse NSW 2036	Sutherland	
Matthew and Andrew Coe		(08)83442196	Not provided	37 Derlanger Avenue, Collingswood, South Australia 5081	Sutherland	
Gundungurra Aboriginal Heritage Association Inc	Merl Williams	02 4757 3223	Not provided	PO Box 31, Lawson NSW 2783	Blue Mountains	
Gundungurra Tribal Council Aboriginal Corporation	Sharon Brown	02 4729 3713	Not provided	PO Box 7244, Leura NSW 2780	Blue Mountains	
Trevor Robinson		Not provided	Not provided	PO Box 73, Peak Hill, NSW 2869	Blue Mountains	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
Tania Matthews		0409 193 612/ (02) 67924038	aboriginalhistoryhunter@gmail.com	U2 11 Walowa Street, Narrabri, NSW 2390	Blue Mountains	
A1 Indigenous Services	Carolyn Hickey	0411 650 057	cazadirect@live.com	10 Marie Pitt Place Glenmore Park 2745 NSW.	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 Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly	Carolyn is Wonnarua
Cubbitch Barta	Glenda Chalker	0427 218 425	Not provided	55 Nightingale Rd, Pheasants Nest NSW 2574	Camden Liverpool Campbelltown Wollondilly	
	Rebecca Chalker	Not Provided	Not provided	99 Menangle street, Picton 2571		

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
Eric Keidge		04311 66423	Not provided	11 Olsson Close Hornsby Heights NSW 2077	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	(02) 6355 4110 0456 116 408	cheriecarroll68@yahoo.com	1 Bellvue Place, Portland NSW, 2847	Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta	Cherie is a Ngunnawal Elder however lived in the Western Sydney area during her childhood. She recognises she is not from the area but has associations
	Contact details have changed as the above contact details have been hacked as of January 2018	0438 428 805 or 0409 558 846	Gunjeewong53@hotmail.com				
Merrigarn Indigenous Corporation	Shaun Carroll	0435 040 842	Not provided	GPO Box 158, Canberra City, ACT, 2601	Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta	Shaun is Ngunnawal and is Cherie's brother. **NOTE:** It has been reported to OEH that the contact details for this group are incorrect; however, OEH has not been provided with revised contact details.
Corroboree Aboriginal Corporation	Steve Johnson	0406 991 221	Not provided	PO Box 3340, Rouse Hill, NSW 2155	Western Sydney Camden	Campbelltown Parramatta	Ngunnawal and lives in Western Sydney
Murra Bidgee Mullangari Aboriginal Corporation	Darleen Johnson	0490 051 102	Not provided	PO Box 246, Seven Hills, NSW, 2147	Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta	Ngunnawal and lives in Western Sydney
Muragadi Heritage Indigenous Corporation	Jesse Johnson	0447 970 049	Not provided	5 Hession Road, Nelson, NSW 2765	Western Sydney Camden	Campbelltown Parramatta	Ngunnawal and lives in Western Sydney
Bidjawong Aboriginal Corporation	James Carroll	0433 224 324	Not provided	PO Box 124, Round Corner, NSW 2158	Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta	
Phil Kahn		0434 545 982	Not provided	78 Forbes Street, Emu Plains, NSW 2750	Hawkesbury Blacktown Penrith Fairfield Holroyd	Camden Campbelltown Liverpool Parramatta	
Wurrumay Consultancy	Kerrie Slater	0423 935 556	wurrumay@hotmail.com; Vicki.slater@hotmail.com	89 Pyramid street, Emu Plains NSW	Hawkesbury Blacktown	Camden Campbelltown	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Penrith Fairfield Holroyd	Liverpool Parramatta Wollondilly	
Warragil Cultural Services	Aaron Slater (Manager)	0481 280 067	Warragil_c.s@hotmail.com		Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Liverpool Parramatta	
Kawul Cultural Services	Vicky Slater (Manager)	0431 720 887	Vicki.slater@hotmail.com	89 Pyramid Street, Emu Plains NSW 2750	Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains Sutherland Liverpool	Camden Campbelltown Parramatta Wollondilly The Hills Shire Auburn Bankstown	
Tocomwall	Scott Franks	0404 171 544	Not provided	PO Box 76, Caringbah NSW 1495	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown The Hills Shire 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	
D'harawal Mens Aboriginal Corporation	Elwyn Brown	0401920982	Not provided	187 Riverside Drive, Airds NSW 2560	Camden Campbelltown	Wollondilly	
Amanda Hickey Cultural Services	Amanda Hickey	0434 480 588	amandahickey@live.com.au	57 Gough st emu plains 2750	Blue Mountains Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Hawkesbury The Hills Holroyd	Strathfield Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Liverpool Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay	Amanda is Wonnarua

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove	Ryde Warringah Willoughby Penrith Parramatta Marrickville Wollondilly	
Widescope Indigenous Group	Steven Hickey and Donna Hickey	0425 230 693 (Steven) 0425 232 056 (Donna)	Not provided	73 Russell Street, Emu Plains, NSW 2750	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta Blue Mountains	
HSB Consultants	Patricia Hampton	0424 142 216	Not provided	62 Ropes Crossing Boulevard, Ropes Crossing 2760	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
Rane Consulting	Tony Williams	02 88246991	ajw1901@bigpond.com	1 Pyrenees Way Beaumont Hills NSW 2155	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
Anthony Williams		0456 399 687	Not provided	Unit 2 / 24 Goodwin Street Narrabeen NSW 2101	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
Dhinawan-Dhigaraa Culture & Heritage Pty Ltd	Ricky Fields	0402 942 572	dhinawan.fields@gmail.com	Not provided	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
	Athol Smith	0449 665 715	Not provided	16 Yantara Place, Woodcroft, NSW, 2767			
Gunyuu	Kylie Ann Bell	Not provided	gunyuuchts@gmail.com	Not provided	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	0402 730 612	walbunja@gmail.com	Not provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool	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

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					Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Badu	Karia Lea Bond	0476 381 207	Not provided	11 Jeffery Place, Moruya, NSW 2537	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	0405 995 725	Not provided	66 Grantham Road, Batehaven NSW, 2536	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	0403 703 942	Not provided	54 Blackwood Street, Gerringong, NSW, 2534	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool	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

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					Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Yerramurra	Robert Parson	Not provided	yerramurra@gmail.com	Not provided	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	Not Provided	nundagurri@gmail.com	Not Provided	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
Murrumbul	Mark Henry	Not provided	murrumbul@gmail.com	Not provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool 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.

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					Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Jerringong	Joanne Anne Stewart	0422 800 184	jerringong@gmail.com	Not provided	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	0425 066 100	pemulwuyd@gmail.com	14 Top Place, Mt Annan	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown The Hills Shire 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
Bilinga	Simalene Carriage	Not provided	bilingachts@gmail.com	Not provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool 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.

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					Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Munyunga	Kaya Dawn Bell	Not provided	munyungachts@gmail.com	Not provided	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	Not provided	wingikarachts@gmail.com	Not provided	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.
Minnamunnung	Aaron Broad	0402 526 888	Not provided	1 Waratah Avenue, Albion Park Rail NSW 2527	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool	Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney	

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					Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield	Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Walgalu	Ronald Stewart	Not provided	walgaluchts@gmail.com	Not provided	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
Thauaira	Shane Carriage	Not provided	thauairachts@gmail.com	Not provided	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	Not provided	dharugchts@gmail.com	Not provided	Hawkesbury Blacktown	Ashfield Auburn	This group states that their boundaries (Murrin

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	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	Peoples) extend from the Hawkesbury River to the Snowy River
Bilinga Cultural Heritage Technical Services	Robert Brown	Not Provided	bilinga@mirramajah.com	Not Provided	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 is a member of the Mirramajah Group of RAPs
Gunyuu Cultural Heritage Technical Services	Darlene Hoskins-McKenzie	Not Provided	gunyuu@mirramajah.com management@mirramajah.com (management & administrative email address for the Mirramajah Group of RAPs).	Not Provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde	This group is a member of the Mirramajah Group of RAPs

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					Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	
Munyunga Cultural Heritage Technical Services	Suzannah McKenzie	Not Provided	munyunga@mirrmajah.com	Not Provided	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 is a member of the Mirramajah Group of RAPs
Murrumbul Cultural Heritage Technical Services	Levi McKenzie-Kirkbright	Not Provided	murrumbul@mirramajah.com	Not Provided	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 is a member of the Mirramajah Group of RAPs
Wingikara Cultural Heritage Technical Services	Wandai Kirkbright	Not Provided	wingikara@mirramajah.com	Not Provided	Hawkesbury Blacktown Penrith Fairfield Holroyd	Ashfield Auburn Canada Bay Leichhardt Manly	This group is a member of the Mirramajah Group of RAPs

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	
Gulaga	Wendy Smith	Not Provided	gulagachts@gmail.com	Not Provided	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	Not Provided	biamangachts@gmail.com	Not Provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown	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	This group states that their boundaries (Murrin Peoples) extend from the Hawkesbury River to the Snowy River

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					Strathfield Randwick Woollahra Burwood The Hills Waverly Wollondilly	
Callendulla	Corey Smith	Not Provided	cullendullachts@gmail.com	Not Provided	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	Not Provided	murramarangchts@gmail.com	Not Provided	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	0410 510 397	darrenjohnduncan@gmail.com	Not Provided	Hawkesbury Blacktown Penrith Parramatta Sydney Marrickville Strathfield Warringah Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove	Darren is associated with Metro and Deerubbin LALCs

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Willoughby Blue Mountains Burwood The Hills Ryde	Hunters Hill Hornsby Ku-Ring-Gai Pittwater	
Butucarbin Aboriginal Corporation	Jennifer Beale	(02)9832 7167	koori@ozemail.com.au	PO Box E18, Emerton, NSW 2770	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	0426 823 944	didgengunawalclan@yahoo.com.au	7 Siskin St, Quakers Hill NSW 2763	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	
Ginninderra Aboriginal Corporation	Steven Johnson and Krystle Carroll	0406991221	Ginninderra.corp@gmail.com	PO BOX 3143 Grose Vale NSW 2754	Hawkesbury Blacktown Penrith Fairfield Holroyd	Ashfield Auburn Canada Bay Leichhardt Manly	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra 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		raymond@bariyu.org.au		Sutherland Liverpool Camden Campbelltown Wollondilly	
Nerrigundah	Newton Carriage	0421 253 677	nerrigundachts@gmail.com		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	
Duncan Falk Consultancy	Duncan Falk	0406 610 644	duncanfalk@hotmail.com	34 Robinia Drive, Bowral NSW 2576	Camden Campbelltown	
Sharon Hodgetts		0405288814	sharonhodgetts@hotmail.com	21/29 Central Coast Hwy West Gosford 2250	Hawkesbury	
Wailwan Aboriginal Group	Philip Boney	0436 483 210	waarlan12@outlook.com		Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly	
Guntawang Aboriginal Resources Incorporated	Wendy Morgan	0414 964 657 9601 7183	Wenlissa01@hotmail.com	113 Reservoir Road Mt Pritchard NSW 2170	Camden Campbelltown Liverpool Fairfield Holroyd Wollondilly Blue Mountains		
Barking Owl Aboriginal Corporation	Mrs Jody Kulakowski (Director)	0426 242 015	barkingowlcorp@gmail.com	2-65/69 Wehlow St. Mt Druitt	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	
Yulay Cultural Services	Arika Jalomaki (Manager)	0411 048 794	yulayculturalservices@gmail.com	15 Rowley Place, Airds NSW 2560	Deerubbin LALC Tharawal LALC Gandangarra LALC		LGAs of interest not specified, rather, LALC boundaries within which the organisation wish to be consulted
Thoorga Nura	John Carriage (Chief Executive Officer)	0401 641 299	thoorganura@gmail.com	50B Hilltop Crescent, Surf Beach, 2536, NSW	Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith	

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 Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly	
Barraby Cultural Services	Lee Field (Manager)	0423 906 606	barrabyculturalservices@gmail.com	6 Macgibbon Parade, Old Erowal Bay, NSW 2540	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)	0457 546 643	yurrandaali_cs@hotmail.com	3 Sheeran Street, Old Erowal Bay NSW 2540	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	Gordon Workman	0415 663 763	fax 02 9831 8868 boorooberongal@outlook.com	73 Judith Anderson Drive, Doonside NSW 2767	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
B.H. Heritage Consultants	Ralph Hampton Nola Hampton	0435 785 138 0401 663 531	hamptonralph46@gmail.com nhampton77@gmail.com	184 Captain Cook Drive Willmot 2770 NSW 95 Mount Ettalong Road Umina Beach 2257 NSW	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	0417861882	ngambaaculturalconnections@hotmail.com	6 Natchez Cresent, Greenfield Park NSW 2167	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	LALC boundaries within which the organisation wish to be consulted: Deerubbin LALC Gandangarra LALC Tharawal LALC
Goodradigbee Cultural & Heritage Aboriginal Corporation,	Caine Carroll	0410974236	goodradigbee1@outlook.com	1 Morilla Road, East Kurrajong NSW 2758	Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale	

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	Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly	

Appendix B

Summary of the consultation process

Stage 1

Notification of project proposal and registration of interest

Proponents must compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining the cultural significance of Aboriginal *objects* and/or *places* from reasonable sources of information, which include writing to:

a. the relevant DECCW EPRG regional office
b. the relevant Local Aboriginal Land Council(s) (LALC)
c. the Registrar, *Aboriginal Land Rights Act*
d. the National Native Title Tribunal
e. Native Title Services Corporation (NTSCorp)
f. relevant local council(s)
g. relevant catchment management authorities.

Proponent writes to the Aboriginal people whose names were provided by organisations **a** to **g** and LALC(s) to notify them of the proposed project and opportunity to be involved in consultation and places notification in the local newspaper.

The notification by letter and in the newspaper must include:

a. the name and contact details of the proponent
b. a brief overview of the proposed project that may be the subject of an application for an AHIP, including the location of the proposed project
c. a statement that the purpose of community consultation with Aboriginal people is to assist the proposed applicant in preparing an application for an AHIP and to assist the Director General of DECCW in his or her consideration and determination of the application
d. an invitation for Aboriginal people who hold knowledge relevant to determining the cultural significance of Aboriginal object(s) and/or place(s) in the area of the proposed project to register an interest in a process of community consultation with the proposed applicant regarding the proposed activity
e. a closing date for the registration of interests.

Aboriginal people have a minimum of 14 days after the letter was sent or the notice was published in the newspaper to register an interest.

Proponent records names of Aboriginal people who have registered an interest in being involved in consultation – the 'registered Aboriginal parties'.

Stage 2

Presentation of information about the proposed project

Proponent presents and/or provides proposed project information to registered Aboriginal parties.

Proponent may create an opportunity for registered Aboriginal parties to visit the proposed project site.

Proponent records or documents that information on the proposed project has been presented. This record or documentation should include any agreed outcomes and/or contentious issues that may require further discussion (where applicable).

Proponent should provide a copy of this record or documentation to registered Aboriginal parties.

Proponent provides a copy of the notification and record of the registered Aboriginal parties to DECCW and relevant LALC within 28 days of the closing date for registering an interest.

Stage 3

Gathering information about cultural significance

Proponent presents and/or provides the proposed methodology(s) for the cultural heritage assessment to the registered Aboriginal parties for comment.

Registered Aboriginal parties have a minimum of 28 days after the proponent provides the methodology(s) to provide written or oral comment.

Proponent considers input provided by registered Aboriginal parties and finalises methodology for implementation. Proponent documents how the input has been considered.

Proponent seeks information from registered Aboriginal parties to identify:

a. whether there are any Aboriginal objects of cultural value
b. whether there are places of cultural value (whether or not they are Aboriginal places declared under Section 84 of the NPW Act).

Proponent seeks input from registered Aboriginal parties on potential management options.

Stage 4

Review of draft cultural heritage assessment report

Proponent prepares draft cultural heritage assessment report and provides it to the registered Aboriginal parties for review and comment.

Registered Aboriginal parties have a minimum of 28 days after the proponent provides the draft report to review and provide written or oral comment.

Proponent finalises cultural heritage assessment report. The final report is submitted to DECCW for consideration with the proponent's AHIP application.

Proponent provides/makes available the final cultural heritage assessment report and AHIP application to the registered Aboriginal parties and relevant LALCs within 14 days of an AHIP application being made to DECCW.

From: Barry Gunther
To: Ashley Bridge
Subject: FW: Message from "PARRX2B"
Date: Wednesday, 6 February 2019 2:10:00 PM
Attachments: 20190206130023648.pdf

Hi Ashley,

Please find attached the recent Aboriginal Stakeholder list as requested.

Could you ring me to make sure all is ok.

Regards
Barry Gunther
Aboriginal Heritage Planning Officer
www.environment.nsw.gov.au

Greater Sydney Branch
Communities and Greater Sydney Division

10 Valentine Avenue, Parramatta 2150
PO Box 644, Parramatta 2124
T 02 88376394

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.

This email is intended for the addressee(s) named and may contain confidential and/or privileged information. If you are not the intended recipient, please notify the sender and then delete it immediately.
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

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 update is 1st February 2019

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
Deerubbin Local Aboriginal Land Council	Kevin Cavanagh	(02) 4724 5600	Not provided	2/9 Tindale St, Penrith NSW 2750	Hawkesbury Blacktown Penrith Fairfield	Holroyd Blue Mountains The Hills Shire Parramatta	
Tharawal Local Aboriginal Land Council	Rebecca Ede (CEO)	(02) 46810059	ceo@tharawal.com.au reception@tharawal.com.au	PO Box 245 Thirlmere NSW 2572	Camden Campbelltown Wollondilly	Sutherland Liverpool	
Metropolitan Local Aboriginal Land Council	Nathan Moran	(02) 83949666	Not provided	PO Box 1103 Strawberry Hills NSW 2016	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	
Gandangara Local Aboriginal Land Council	Not provided	(02) 96025280	Not provided	PO Box 1038 Liverpool NSW 2170	Liverpool Fairfield Holroyd Parramatta	Auburn Bankstown Sutherland	
La Perouse Local Aboriginal Land Council	Chris Ingrey	(02) 9311 4282	Not provided	PO Box 365 Matraville NSW 2036	Sutherland Randwick Botany Bay Waverly	Woollahra Sydney Rockdale	
Parramatta City Council Aboriginal Advisory Committee	Parramatta City Council	(02)9806 5050	Not provided	PO Box 32, Parramatta, NSW, 2124	Parramatta		
Holroyd City Council Advisory Committee	Holroyd City Council	(02) 9840 9840	Not provided	P.O. Box 42, Merrylands, NSW 2160	Holroyd		
Darug Custodian Aboriginal Corporation	Justine Coplin	0414 962 766	justinecoplin@optusnet.com.au	PO Box 81, Windsor NSW 2756	Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains	Camden Campbelltown The Hills Shire Liverpool Parramatta	
Darug Tribal Aboriginal Corporation	Not provided	02 9622 4081	Not provided	PO Box 441, Blacktown NSW 2148	Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains	Camden Campbelltown The Hills Shire Liverpool Parramatta	
Darug Aboriginal Cultural Heritage Assessments	Gordon Morton	02 9410 3665 or 0422 865 831	Not provided	Unit 9, 6 Chapman Avenue, Chatswood, NSW 2067	Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains Camden Campbelltown The Hills Shire	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
					Liverpool Parramatta Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Darug Land Observations	Jamie Workman and Anna Workman	0418 494 951 0413 687 279	daruglandobservations@gmail.com	PO Box 173, Ulladulla, NSW 2539	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	
Des Dyer		0408 360 814	Not provided	18a Perigee Close, Doonside 2767	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown The Hills Shire Liverpool Parramatta	
Ken Foster		0411 818 091	Not provided	68 Australia St Matraville	Sutherland	
La Perouse Botany Bay Corporation	Yvonne Simms	04660 94491	Fax (02) 9311 3440	10 Murrong Place, La Perouse NSW 2036	Sutherland	
Norma Simms		04660 94491	Not provided	10 Murrong Place, La Perouse NSW 2036	Sutherland	
Matthew and Andrew Coe		(08)83442196	Not provided	37 Derlanger Avenue, Collingswood, South Australia 5081	Sutherland	
Gundungurra Aboriginal Heritage Association Inc	Merl Williams	02 4757 3223	Not provided	PO Box 31, Lawson NSW 2783	Blue Mountains	
Gundungurra Tribal Council Aboriginal Corporation	Sharon Brown	02 4729 3713	Not provided	PO Box 7244, Leura NSW 2780	Blue Mountains	
Trevor Robinson		Not provided	Not provided	PO Box 73, Peak Hill, NSW 2869	Blue Mountains	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
Tania Matthews		0409 193 612/ (02) 67924038	aboriginalhistoryhunter@gmail.com	U2 11 Walowa Street, Narrabri, NSW 2390	Blue Mountains	
A1 Indigenous Services	Carolyn Hickey	0411 650 057	cazadirect@live.com	10 Marie Pitt Place Glenmore Park 2745 NSW.	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 Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly	Carolyn is Wonnarua
Cubbitch Barta	Glenda Chalker	0427 218 425	Not provided	55 Nightingale Rd, Pheasants Nest NSW 2574	Camden Liverpool Campbelltown Wollondilly	
	Rebecca Chalker	Not Provided	Not provided	99 Menangle street, Picton 2571		

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
Eric Keidge		04311 66423	Not provided	11 Olsson Close Hornsby Heights NSW 2077	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	(02) 6355 4110 0456 116 408	cheriecarroll68@yahoo.com	1 Bellvue Place, Portland NSW, 2847	Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta	Cherie is a Ngunnawal Elder however lived in the Western Sydney area during her childhood. She recognises she is not from the area but has associations
	Contact details have changed as the above contact details have been hacked as of January 2018	0438 428 805 or 0409 558 846	Gunjeewong53@hotmail.com				
Merrigarn Indigenous Corporation	Shaun Carroll	0435 040 842	Not provided	GPO Box 158, Canberra City, ACT, 2601	Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta	Shaun is Ngunnawal and is Cherie's brother. **NOTE:** It has been reported to OEH that the contact details for this group are incorrect; however, OEH has not been provided with revised contact details.
Corroboree Aboriginal Corporation	Steve Johnson	0406 991 221	Not provided	PO Box 3340, Rouse Hill, NSW 2155	Western Sydney Camden	Campbelltown Parramatta	Ngunnawal and lives in Western Sydney
Murra Bidgee Mullangari Aboriginal Corporation	Darleen Johnson	0490 051 102	Not provided	PO Box 246, Seven Hills, NSW, 2147	Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta	Ngunnawal and lives in Western Sydney
Muragadi Heritage Indigenous Corporation	Jesse Johnson	0447 970 049	Not provided	5 Hession Road, Nelson, NSW 2765	Western Sydney Camden	Campbelltown Parramatta	Ngunnawal and lives in Western Sydney
Bidjawong Aboriginal Corporation	James Carroll	0433 224 324	Not provided	PO Box 124, Round Corner, NSW 2158	Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Parramatta	
Phil Kahn		0434 545 982	Not provided	78 Forbes Street, Emu Plains, NSW 2750	Hawkesbury Blacktown Penrith Fairfield Holroyd	Camden Campbelltown Liverpool Parramatta	
Wurrumay Consultancy	Kerrie Slater	0423 935 556	wurrumay@hotmail.com; Vicki.slater@hotmail.com	89 Pyramid street, Emu Plains NSW	Hawkesbury Blacktown	Camden Campbelltown	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Penrith Fairfield Holroyd	Liverpool Parramatta Wollondilly	
Warragil Cultural Services	Aaron Slater (Manager)	0481 280 067	Warragil_c.s@hotmail.com		Hawkesbury Blacktown Penrith Fairfield	Holroyd Camden Campbelltown Liverpool Parramatta	
Kawul Cultural Services	Vicky Slater (Manager)	0431 720 887	Vicki.slater@hotmail.com	89 Pyramid Street, Emu Plains NSW 2750	Hawkesbury Blacktown Penrith Fairfield Holroyd Blue Mountains Sutherland Liverpool	Camden Campbelltown Parramatta Wollondilly The Hills Shire Auburn Bankstown	
Tocomwall	Scott Franks	0404 171 544	Not provided	PO Box 76, Caringbah NSW 1495	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown The Hills Shire 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	
D'harawal Mens Aboriginal Corporation	Elwyn Brown	0401920982	Not provided	187 Riverside Drive, Airds NSW 2560	Camden Campbelltown	Wollondilly	
Amanda Hickey Cultural Services	Amanda Hickey	0434 480 588	amandahickey@live.com.au	57 Gough st emu plains 2750	Blue Mountains Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay Canterbury Fairfield Hawkesbury The Hills Holroyd	Strathfield Burwood Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Liverpool Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay	Amanda is Wonnarua

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Hornsby Hunter's Hill Hurstville Kogarah Ku-ring-gai Lane Cove	Ryde Warringah Willoughby Penrith Parramatta Marrickville Wollondilly	
Widescope Indigenous Group	Steven Hickey and Donna Hickey	0425 230 693 (Steven) 0425 232 056 (Donna)	Not provided	73 Russell Street, Emu Plains, NSW 2750	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta Blue Mountains	
HSB Consultants	Patricia Hampton	0424 142 216	Not provided	62 Ropes Crossing Boulevard, Ropes Crossing 2760	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
Rane Consulting	Tony Williams	02 88246991	ajw1901@bigpond.com	1 Pyrenees Way Beaumont Hills NSW 2155	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
Anthony Williams		0456 399 687	Not provided	Unit 2 / 24 Goodwin Street Narrabeen NSW 2101	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
Dhinawan-Dhigaraa Culture & Heritage Pty Ltd	Ricky Fields	0402 942 572	dhinawan.fields@gmail.com	Not provided	Hawkesbury Blacktown Penrith	Fairfield Holroyd Parramatta	
	Athol Smith	0449 665 715	Not provided	16 Yantara Place, Woodcroft, NSW, 2767			
Gunyuu	Kylie Ann Bell	Not provided	gunyuuchts@gmail.com	Not provided	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	0402 730 612	walbunja@gmail.com	Not provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool	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 Strathfield	Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Badu	Karia Lea Bond	0476 381 207	Not provided	11 Jeffery Place, Moruya, NSW 2537	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	0405 995 725	Not provided	66 Grantham Road, Batehaven NSW, 2536	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	0403 703 942	Not provided	54 Blackwood Street, Gerringong, NSW, 2534	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool	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 Strathfield Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Yerramurra	Robert Parson	Not provided	yerramurra@gmail.com	Not provided	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	Not Provided	nundagurri@gmail.com	Not Provided	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
Murrumbul	Mark Henry	Not provided	murrumbul@gmail.com	Not provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool 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 Strathfield Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Jerringong	Joanne Anne Stewart	0422 800 184	jerringong@gmail.com	Not provided	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	0425 066 100	pemulwuyd@gmail.com	14 Top Place, Mt Annan	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown The Hills Shire 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
Bilinga	Simalene Carriage	Not provided	bilingachts@gmail.com	Not provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool 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 Strathfield	Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Munyunga	Kaya Dawn Bell	Not provided	munyungachts@gmail.com	Not provided	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	Not provided	wingikarachts@gmail.com	Not provided	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.
Minnamunnung	Aaron Broad	0402 526 888	Not provided	1 Waratah Avenue, Albion Park Rail NSW 2527	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool	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 Strathfield	Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby	
Walgalu	Ronald Stewart	Not provided	walgaluchts@gmail.com	Not provided	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
Thauaira	Shane Carriage	Not provided	thauairachts@gmail.com	Not provided	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	Not provided	dharugchts@gmail.com	Not provided	Hawkesbury Blacktown	Ashfield Auburn	This group states that their boundaries (Murrin

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	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	Peoples) extend from the Hawkesbury River to the Snowy River
Bilinga Cultural Heritage Technical Services	Robert Brown	Not Provided	bilinga@mirramajah.com	Not Provided	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 is a member of the Mirramajah Group of RAPs
Gunyuu Cultural Heritage Technical Services	Darlene Hoskins-McKenzie	Not Provided	gunyuu@mirramajah.com management@mirramajah.com (management & administrative email address for the Mirramajah Group of RAPs).	Not Provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale	Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde	This group is a member of the Mirramajah Group of RAPs

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	
Munyunga Cultural Heritage Technical Services	Suzannah McKenzie	Not Provided	munyunga@mirrmajah.com	Not Provided	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 is a member of the Mirramajah Group of RAPs
Murrumbul Cultural Heritage Technical Services	Levi McKenzie-Kirkbright	Not Provided	murrumbul@mirramajah.com	Not Provided	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 is a member of the Mirramajah Group of RAPs
Wingikara Cultural Heritage Technical Services	Wandai Kirkbright	Not Provided	wingikara@mirramajah.com	Not Provided	Hawkesbury Blacktown Penrith Fairfield Holroyd	Ashfield Auburn Canada Bay Leichhardt Manly	This group is a member of the Mirramajah Group of RAPs

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Mosman North Sydney Lane Cove Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly Wollondilly	
Gulaga	Wendy Smith	Not Provided	gulagachts@gmail.com	Not Provided	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	Not Provided	biamangachts@gmail.com	Not Provided	Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown	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	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
					Strathfield Randwick Woollahra Burwood The Hills Waverly Wollondilly	
Callendulla	Corey Smith	Not Provided	cullendullachts@gmail.com	Not Provided	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	Not Provided	murramarangchts@gmail.com	Not Provided	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	0410 510 397	darrenjohnduncan@gmail.com	Not Provided	Hawkesbury Blacktown Penrith Parramatta Sydney Marrickville Strathfield Warringah Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove	Darren is associated with Metro and Deerubbin LALCs

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Willoughby Blue Mountains Burwood The Hills Ryde	Hunters Hill Hornsby Ku-Ring-Gai Pittwater	
Butucarbin Aboriginal Corporation	Jennifer Beale	(02)9832 7167	koori@ozemail.com.au	PO Box E18, Emerton, NSW 2770	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	0426 823 944	didgengunawalclan@yahoo.com.au	7 Siskin St, Quakers Hill NSW 2763	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	
Ginninderra Aboriginal Corporation	Steven Johnson and Krystle Carroll	0406991221	Ginninderra.corp@gmail.com	PO BOX 3143 Grose Vale NSW 2754	Hawkesbury Blacktown Penrith Fairfield Holroyd	Ashfield Auburn Canada Bay Leichhardt Manly	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's	Additional information
					Camden Campbelltown Liverpool Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra 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		raymond@bariyu.org.au		Sutherland Liverpool Camden Campbelltown Wollondilly	
Nerrigundah	Newton Carriage	0421 253 677	nerrigundachts@gmail.com		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	
Duncan Falk Consultancy	Duncan Falk	0406 610 644	duncanfalk@hotmail.com	34 Robinia Drive, Bowral NSW 2576	Camden Campbelltown	
Sharon Hodgetts		0405288814	sharonhodgetts@hotmail.com	21/29 Central Coast Hwy West Gosford 2250	Hawkesbury	
Wailwan Aboriginal Group	Philip Boney	0436 483 210	waarlan12@outlook.com		Hawkesbury Blacktown Penrith Fairfield Holroyd Camden Campbelltown Liverpool Ashfield Auburn Canada Bay Leichhardt Manly Mosman North Sydney Lane Cove	

Organisation/ Individual	Contact Name	Phone Number	Email Address/ Fax	Postal Address	LGA's		Additional information
					Parramatta Sutherland Sydney Kogarah Hurstville Rockdale Canterbury Marrickville Bankstown Strathfield Randwick Woollahra	Hunters Hill Hornsby Ku-Ring-Gai Pittwater Botany Bay Ryde Warringah Willoughby Blue Mountains Burwood The Hills Waverly	
Guntawang Aboriginal Resources Incorporated	Wendy Morgan	0414 964 657 9601 7183	Wenlissa01@hotmail.com	113 Reservoir Road Mt Pritchard NSW 2170	Camden Campbelltown Liverpool Fairfield Holroyd Wollondilly Blue Mountains		
Barking Owl Aboriginal Corporation	Mrs Jody Kulakowski (Director)	0426 242 015	barkingowlcorp@gmail.com	2-65/69 Wehlow St. Mt Druitt	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	
Yulay Cultural Services	Arika Jalomaki (Manager)	0411 048 794	yulayculturalservices@gmail.com	15 Rowley Place, Airds NSW 2560	Deerubbin LALC Tharawal LALC Gandangarra LALC		LGAs of interest not specified, rather, LALC boundaries within which the organisation wish to be consulted
Thoorga Nura	John Carriage (Chief Executive Officer)	0401 641 299	thoorganura@gmail.com	50B Hilltop Crescent, Surf Beach, 2536, NSW	Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith	

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 Pittwater Randwick Rockdale Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly	
Barraby Cultural Services	Lee Field (Manager)	0423 906 606	barrabyculturalservices@gmail.com	6 Macgibbon Parade, Old Erowal Bay, NSW 2540	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)	0457 546 643	yurrandaali_cs@hotmail.com	3 Sheeran Street, Old Erowal Bay NSW 2540	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	Gordon Workman	0415 663 763	fax 02 9831 8868 boorooberongal@outlook.com	73 Judith Anderson Drive, Doonside NSW 2767	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
B.H. Heritage Consultants	Ralph Hampton Nola Hampton	0435 785 138 0401 663 531	hamptonralph46@gmail.com nhampton77@gmail.com	184 Captain Cook Drive Willmot 2770 NSW 95 Mount Ettalong Road Umina Beach 2257 NSW	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	0417861882	ngambaaculturalconnections@hotmail.com	6 Natchez Cresent, Greenfield Park NSW 2167	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	LALC boundaries within which the organisation wish to be consulted: Deerubbin LALC Gandangarra LALC Tharawal LALC
Goodradigbee Cultural & Heritage Aboriginal Corporation,	Caine Carroll	0410974236	goodradigbee1@outlook.com	1 Morilla Road, East Kurrajong NSW 2758	Ashfield Auburn Bankstown Blacktown Blue Mountains Botany Bay Burwood Camden Campbelltown Canada Bay	Leichhardt Liverpool Manly Marrickville Mosman North Sydney Parramatta Penrith Pittwater Randwick Rockdale	

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	Ryde Strathfield Sutherland Sydney Warringah Waverley Willoughby Woollahra Wollondilly	

Appendix B

Summary of the consultation process

Stage 1

Notification of project proposal and registration of interest

Proponents must compile a list of Aboriginal people who may have an interest in the proposed project area and hold knowledge relevant to determining the cultural significance of Aboriginal *objects* and/or *places* from reasonable sources of information, which include writing to:

a. the relevant DECCW EPRG regional office
b. the relevant Local Aboriginal Land Council(s) (LALC)
c. the Registrar, *Aboriginal Land Rights Act*
d. the National Native Title Tribunal
e. Native Title Services Corporation (NTSCorp)
f. relevant local council(s)
g. relevant catchment management authorities.

Proponent writes to the Aboriginal people whose names were provided by organisations **a** to **g** and LALC(s) to notify them of the proposed project and opportunity to be involved in consultation and places notification in the local newspaper.

The notification by letter and in the newspaper must include:

a. the name and contact details of the proponent
b. a brief overview of the proposed project that may be the subject of an application for an AHIP, including the location of the proposed project
c. a statement that the purpose of community consultation with Aboriginal people is to assist the proposed applicant in preparing an application for an AHIP and to assist the Director General of DECCW in his or her consideration and determination of the application
d. an invitation for Aboriginal people who hold knowledge relevant to determining the cultural significance of Aboriginal object(s) and/or place(s) in the area of the proposed project to register an interest in a process of community consultation with the proposed applicant regarding the proposed activity
e. a closing date for the registration of interests.

Aboriginal people have a minimum of 14 days after the letter was sent or the notice was published in the newspaper to register an interest.

Proponent records names of Aboriginal people who have registered an interest in being involved in consultation – the 'registered Aboriginal parties'.

Stage 2

Presentation of information about the proposed project

Proponent presents and/or provides proposed project information to registered Aboriginal parties.

Proponent may create an opportunity for registered Aboriginal parties to visit the proposed project site.

Proponent records or documents that information on the proposed project has been presented. This record or documentation should include any agreed outcomes and/or contentious issues that may require further discussion (where applicable).

Proponent should provide a copy of this record or documentation to registered Aboriginal parties.

Proponent provides a copy of the notification and record of the registered Aboriginal parties to DECCW and relevant LALC within 28 days of the closing date for registering an interest.

Stage 3

Gathering information about cultural significance

Proponent presents and/or provides the proposed methodology(s) for the cultural heritage assessment to the registered Aboriginal parties for comment.

Registered Aboriginal parties have a minimum of 28 days after the proponent provides the methodology(s) to provide written or oral comment.

Proponent considers input provided by registered Aboriginal parties and finalises methodology for implementation. Proponent documents how the input has been considered.

Proponent seeks information from registered Aboriginal parties to identify:

a. whether there are any Aboriginal objects of cultural value
b. whether there are places of cultural value (whether or not they are Aboriginal places declared under Section 84 of the NPW Act).

Proponent seeks input from registered Aboriginal parties on potential management options.

Stage 4

Review of draft cultural heritage assessment report

Proponent prepares draft cultural heritage assessment report and provides it to the registered Aboriginal parties for review and comment.

Registered Aboriginal parties have a minimum of 28 days after the proponent provides the draft report to review and provide written or oral comment.

Proponent finalises cultural heritage assessment report. The final report is submitted to DECCW for consideration with the proponent's AHIP application.

Proponent provides/makes available the final cultural heritage assessment report and AHIP application to the registered Aboriginal parties and relevant LALCs within 14 days of an AHIP application being made to DECCW.

From: Elizabeth LOANE
To: Charlotte Allen
Subject: Search Requests - Aboriginal Owners and Aboriginal Land Claims - Hunters Hill
Date: Thursday, 7 March 2019 11:44:56 AM
Attachments: Biosis - Hunters Hills - Cumberland.pdf
Biosis - Hunters Hill NSW.pdf

Dear Ms Allen,

We refer to the attached letters.

Kind regards,

Liz
Elizabeth Loane
Project Officer, Aboriginal Owners
Office of The Registrar ALRA 1983
Phone: 02 8633 1693
Email: elizabeth.loane@det.nsw.gov.au
PO Box 5068 Parramatta NSW 2124
Website: *www.oralra.nsw.gov.au*

****
This message is intended for the addressee named and may contain
privileged information or confidential information or both. If you
are not the intended recipient please delete it and notify the sender.
****

OFFICE OF THE REGISTRAR
ABORIGINAL LAND RIGHTS ACT 1983 (NSW)

7 March 2019

By email: callen@biosis.com.au

Charlotte Allen
Archaeologist
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
ALEXANDRIA NSW 2015

Dear Ms Allen,

Request - Search for Registered Aboriginal Owners

We refer to your letter dated 22 January 2019 regarding an Aboriginal Cultural Heritage Assessment for the proposed development at Lot 2 DP 527024, Hunters Hill, NSW.

Under Section 170 of the *Aboriginal Land Rights Act 1983* the Office of the Registrar is required to maintain the Register of Aboriginal Owners (RAO). A search of the RAO has shown that there are not currently any Registered Aboriginal Owners in the project area.

We suggest you contact Metropolitan Local Aboriginal Land Council on 02 8394 9666 as they may be able to assist you in identifying Aboriginal stakeholders who wish to participate.

Yours sincerely

Eloane

Elizabeth Loane
Project Officer, Aboriginal Owners
Office of the Registrar, ALRA

Address: Level 3, 2 – 10 Wentworth Street, PARRAMATTA NSW 2150
Post: P.O Box 5068, PARRAMATTA NSW 2124
Phone: 02 8633 1266

OFFICE OF THE REGISTRAR
ABORIGINAL LAND RIGHTS ACT 1983 (NSW)

7 March 2019

Charlotte Allen
Biosis Pty Ltd
14/17-27 Power Avenue
ALEXANDRIA NSW 2015

Via email: callen@biosis.com.au

Dear Charlotte,

Request – Search for Aboriginal Land Claims

I refer to your request dated 23 January 2019, to search the Register of Aboriginal Land Claims database (**the Register**) in relation to lands described by you as Lot 2 DP 527024 in the Parish of Hunters Hill, County of Cumberland.

I have searched the Register and the property above does not appear as being affected by an Aboriginal Land Claim, pursuant to sections 36 or 37 of the *Aboriginal Land Rights Act 1983.*

Please contact our office on (02) 8633 1266 if you require further assistance.

Yours sincerely,

Troy Lancaster
Project Officer
Office of the Registrar, ALRA

Please Note:
1. Search requests should not be made over privately owned land. Crown Land is the only land in NSW that is likely to be affected by an ALC under the Aboriginal Land Rights Act. If an ALC has been made over privately owned land it would be refused as soon as this is known.

2. Land across NSW with older land descriptors such as "portion, REF & TSR" have been allotted new descriptors over the last 10 years & many of these now have "Lot & DP" numbers. The ORALRA database lists the land descriptor at lodgement & may not include an updated land descriptor. If this may affect the land that you've described, we advise that you contact the Aboriginal Land Claims Investigation Unit on (02) 6883 3396.

PERSONAL NOTICES

Adult Services



Need to publish a business, public, legal or tender notice in the paper?

VISIT newsnotices.com.au

NOTICE BOARD

General Notices

DEVELOPMENT APPLICATIONS

You can view the details and progress of DAs and consents for approved applications, free of charge at hornsby.nsw.gov.au in the 'my property/Building and Development/Application Tracking' section or at Hornsby Council's Administration Centre, 296 Peats Ferry Road, Hornsby during office hours.

Any person may make a submission in writing in relation to a DA within the time period specified on our website. Any submission made about a DA may be accessed by third parties and reproduced in accordance with relevant legislation.

DAs RECEIVED

DA/24/2019 18 New Farm Road, West Pennant Hills.
Residential – New second occupancy – Secondary dwelling – Granny flat.

DA/29/2019 3A Verney Drive, West Pennant Hills.
Business identification sign – Freestanding pylon sign.

DAs APPROVED

DA/1230/2018 38A Cardinal Avenue, Beecroft.
Alterations and additions to a dwelling-house.

DAs REFUSED

DA/234/2018 78 Boronia Avenue, Beecroft.
Section 8.2 Review – Torrens title subdivision of one lot into two.

POLITICAL DISCLOSURE STATEMENT

State legislation requires the disclosure of relevant political donations or gifts when Planning Proposals or Development Applications are made to minimise any perception of undue influence. For more information, visit our website.

HORNSBY SHIRE COUNCIL



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PROPOSAL TO SWAP AND UPGRADE INFRASTRUCTURE ONTO A REPLACEMENT LIGHTPOLE

Optus proposes to upgrade Optus and Vodafone infrastructure to be swapped onto a new lightpole on Epping Road near Herring Road, Macquarie Park.

1. The proposal involves the removal of all network infrastructure from the existing pole and the installation of the following infrastructure onto a new steel light pole:
   - Two (2) panel antennas to be mounted on top of the light pole.
   - Ten (10) radio remote units.
   - Cabling and ancillary equipment.

Optus regards the above proposed installation as low-impact under the *Telecommunications (Low-impact Facilities) Determination 2018* or exempt under the *State Environmental Planning Policy (Infrastructure) 2007* based on the description above. Further information about the proposals can be obtained from Elliot Nelson at Catalyst ONE Pty Limited at enelson@catalystone.com.au or by calling 0433347309.

2. Further information can be obtained about the site from www.rfnsa.com.au/2113015. The proposed infrastructure installations will be in compliance with the ACMA EMR regulatory arrangements.
3. We invite you to make a submission. Written submissions should be sent to:
   Catalyst ONE Pty Limited
   Level 11, 225 St Georges Terrace
   PERTH WA 6000
   Email: enelson@catalystone.com.au

By: **21 February 2019**

OPTUS

St Joseph's College
NOTIFICATION AND REGISTRATION OF ABORIGINAL INTERESTS

St Joseph's College are proposing to develop a Physical Education and Sports Precinct at St Joseph's College, Mark Street, Hunters Hill, within the Hunters Hill Local Government Area.

An Aboriginal Cultural Heritage Assessment will be undertaken which will support a State Significant Development (SSD) application and possible sub-surface investigations.

Biosis Pty Ltd invites Aboriginal people who hold cultural knowledge in determining the significance of Aboriginal object(s) and/or places in the vicinity of the above area to register their interest in a process of community consultation.

The purpose of the Aboriginal community consultation will be to assist with the preparation of an Environmental Impact Statement and to provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the SSD application.

For more information please contact: **Peter Brogan**
Bloompark Consulting Services – Managing Director
pbrogan@bloompark.com.au
To register in writing please contact: **Charlotte Allen**
Biosis Pty. Ltd. Unit 14, 17-27 Power Avenue Alexandria NSW 2015
Tel: (02) 9101 8700 Email: callen@biosis.com.au
Please note that the name of each group that registers for consultation on this project will be provided to OEH and the LALC unless the group specifies that they do not want their details released.

REGISTRATIONS MUST BE RECEIVED BEFORE 4.00pm, 19 February 2019

GENERAL FOR SALE

Garage Sales, Fetes & Markets

GORDON
Garage & Book Sale!
Corner of Pacific Highway & St. Johns Avenue
Saturday 9th February
9:30am - 12:30pm

General For Sale

Burial Lots
Macquarie Park Cemetary
Suits 2 people. North facing, quiet and under the shade of existing trees.
Currently valued at approx $8,750.00
Realistic Offers considered
Purchase receipts available on request.
Please phone Susan:
0413 151 216

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CARAVANS
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Any condition, Cash 7 days.
Eric 0418 165 899

Wanted to Buy

ALL
Deceased Estates
China, Vintage furniture, 50's clothing, linen & toys.
Call May 9417 1947 or 0412 270 947

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2 BEDROOM UNIT
✓ Big Lounge
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AAAA ANY CAR TRUCK UTE VAN 4WD
Bought fr. $500 or $50 TO $30,000
4 USED CARYARD OR WRECKING & SCRAP
Call BOB NOW 24/7 ☎**0424 163 489**
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IBUYUSEDCARS.COM.AU Year 1918-2019
REGISTERED OR NOT, RUNS OR NOT, DAMAGE OR NOT Conditions Apply

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All cars, vans, utes & trucks, removed free.
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All Areas, same day removal
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careers

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DENTAL NURSE
A Full Time Dental Nurse is required at busy Epping Dental Surgery
Experience is not essential
Please send CV to aschristie.dental@live.com.au

Manufacturing, Transport & Logistics

FOREST

TRAINEE DRIVERS



Applications are sought from people wishing to commence a career as a Bus Driver

APPLICANTS MUST BE
Effective communicators
Customer service oriented
Proud of their driving record

Successful applicants will be paid while completing a 5 week full-time initial training course. On successful completion of the course, permanent positions will be offered. For applicants with a car licence, training will include the upgrade to a MR licence.

Please submit your CV & cover letter to recruitment@forestcoachlines.com.au

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About how we can create a great advertisement for your business.
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or Email - trades@newslocal.com.au

careers

Manufacturing, Transport & Logistics

FOREST

BUS DRIVERS WANTED
START A GREAT CAREER



Imagine working with a progressive, privately owned company. Full time, part time or casual positions available.

YOU WILL NEED TO BE
A good driver
An effective communicator
Personable

Successful applicants will be paid while undergoing 5 weeks of training. Permanent positions offered upon successful completion of the course.

Please submit your CV & covering letters to Forest Coach Lines at: recruitment@forestcoachlines.com.au

Driver - Casual

To drive my car to take me out week days as I am now too old to drive. A person living near Grace Avenue, Beecroft preferred.

Phil Neale 0407 031 881

URM

Full Time Truck Drivers, Loaders and Mechanics

Privately owned Waste & Recycling Company seeks experienced HR/MR Drivers, Loaders and Qualified Diesel Mechanics for depots located in Auburn, Banksmeadow, Brookvale and Cromer.
Incentives, Bonus Schemes and Permanency Opportunities for High Performing Employees. Full Training Provided with Overtime and Weekend Shifts Available

Skills / Requirements:
- Current NSW HR/MR Licence (drivers only)
- Proactive and Early Starters
- Reliable and Self-motivated
- Medical Clearance Pre-Induction

Email CV to recruitment@urmgroup.com.au
Phone for details : **02 8424 2201**

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02.05.2019 16:57 NewsCorp Australia - Tearsheet

07 February 2019

Darlene Hoskins-McKenzie
Gunyuu Cultural Heritage Technical Services

Dear Darlene Hoskins-McKenzie,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

Our Ref: Matter 29211

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct at St Joseph's College, Mark Street (Lot 2, DP 527024), Hunters Hill, NSW (the study area). The project is comprised of the following:

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- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site
- Use of the completed works as an educational establishment.

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Sydney Resource Group

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ABN 65 006 175 097

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
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07 February 2019

Amanda Hickey
Amanda Hickey Cultural Services
41 Dempsey Street Emu Heights NSW 2750

Dear Amanda Hickey,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

07 February 2019

Karia Lea Bond
Badu
11 Jeffery Place Moruya NSW 2537

Dear Karia Lea Bond,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
Our Ref: Matter 29211

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

07 February 2019

Jody Kulakowski
Barking Owl Aboriginal Corporation
2-65/69 Wehlow Street Mt Druitt NSW 2770

Dear Jody Kulakowski,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

Our Ref: Matter 29211

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Archaeologist
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07 February 2019

Seli Storer
Biamanga

Dear Seli Storer,

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Yours sincerely,



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Archaeologist
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07 February 2019

Robert Brown
Bilinga Cultural Heritage Technical Services

Dear Robert Brown,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
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Simalene Carriage
Bilinga

Dear Simalene Carriage,

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

07 February 2019

Gordon Workman
Darug Boorooberongal Elders
73 Judith Anderson Drive Doonside NSW 2767

Dear Gordon Workman ,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
Our Ref: Matter 29211

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07 February 2019

Carolyn Hickey
A1 Indigenous Services
10 Marie Pitt Place Glenmore Park NSW 2745

Dear Carolyn Hickey ,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
Our Ref: Matter 29211

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07 February 2019

Corey Smith
Callendulla

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07 February 2019

Darren Duncan
DJMD Consultancy

Dear Darren Duncan,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

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07 February 2019

Jamie and Anna Workman
Darug Land Observations
PO Box 2006 Bendalong NSW 2539

Dear Jamie and Anna Workman,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
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Andrew Bond
Dharug

Dear Andrew Bond,

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07 February 2019

Lillie Carrol and Paul Boyd
Didge Ngunawal Clan
7 Siskin Street Quakers Hill NSW 2763

Dear Lillie Carrol and Paul Boyd,

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07 February 2019

Steven Johnson and Krystle Carroll
Ginninderra Aboriginal Corporation
PO BOX 3143 Grose Vale NSW 2754

Dear Steven Johnson and Krystle Carroll,

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07 February 2019

Basil Smith
Goobah Developments
66 Grantham Road Batehaven NSW 2536

Dear Basil Smith,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
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07 February 2019

Caine Carroll
Goodradigbee Cultural & Heritage Aboriginal Corporation
1 Morilla Road East Kurrajong NSW 2758

Dear Caine Carroll,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
Our Ref: Matter 29211

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Archaeologist
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07 February 2019

Wendy Smith
Gulaga

Dear Wendy Smith,

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07 February 2019

Darlene Hoskins-McKenzie
Gunyuu Cultural Heritage Technical Services

Dear Darlene Hoskins-McKenzie,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

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Archaeologist
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07 February 2019

Kylie Ann Bell
Gunyuu

Dear Kylie Ann Bell,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

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07 February 2019

Ralph Hampton
B.H. Consultants
184 Captain Cook Drive Willmot NSW 2770

Dear Ralph Hampton,

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07 February 2019

Joanne Anne Stewart
Jerringong

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07 February 2019

Jennifer Beale
Butucarbin Aboriginal Corporation
PO Box E18 Emerton NSW 2770

Dear Jennifer Beale,

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07 February 2019

Aaron Broad
Minnamunnung
1 Waratah Avenue Albion Park Rail NSW 2527

Dear Aaron Broad,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

07 February 2019

Suzannah McKenzie
Munyunga Cultural Heritage Technical Services

Dear Suzannah McKenzie,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

Our Ref: Matter 29211

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07 February 2019

Kaya Dawn Bell
Munyunga

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07 February 2019

Roxanne Smith
Murramarang

Dear Roxanne Smith,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

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07 February 2019

Mark Henry
Murrumbul

Dear Mark Henry,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
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Levi McKenzie-Kirkbright
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Newton Carriage
Nerrigundah
144 Kelly Road Bingie NSW 2537

Dear Newton Carriage,

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07 February 2019

Kaarina Slater
Ngambaa Cultural Connections
6 Natchez Cresent Greenfield Park NSW 2167

Dear Kaarina Slater,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
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07 February 2019

Nola Hampton
B.H. Consultants
95 Mount Ettalong Road Umina Beach NSW 2257

Dear Nola Hampton,

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

07 February 2019

Newton Carriage
Nundagurri

Dear Newton Carriage,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

Our Ref: Matter 29211

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07 February 2019

Pemulwuy Johnson
Pemulwuy CHTS
14 Top Place Mt Annan NSW 2567

Dear Pemulwuy Johnson,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
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07 February 2019

Shane Carriage
Thauaira

Dear Shane Carriage,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

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07 February 2019

John Carriage
Thoorga Nura
50B Hilltop Crescent Surf Beach 2536 NSW

Dear John Carriage,

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Our Ref: Matter 29211

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Archaeologist
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07 February 2019

Philip Boney
Wailwan Aboriginal Group

Dear Philip Boney,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

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Hika Te Kowhai
Walbunja

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07 February 2019

Ronald Stewart
Walgalu

Dear Ronald Stewart,

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07 February 2019

Wandai Kirkbright
Wingikara Cultural Heritage Technical Services

Dear Wandai Kirkbright,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

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07 February 2019

Hayley Bell
Wingikara

Dear Hayley Bell,

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Sydney Resource Group

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Alexandria NSW 2015

Phone: 02 9101 8700

ACN 006 175 097
ABN 65 006 175 097

Email: sydney@biosis.com.au

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

07 February 2019

Lee-Roy James Boota
Wullung
54 Blackwood Street Gerringong NSW 2534

Dear Lee-Roy James Boota,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
Our Ref: Matter 29211

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Yours sincerely,



Charlotte Allen
Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

07 February 2019

Robert Parson
Yerramurra

Dear Robert Parson,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

Our Ref: Matter 29211

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07 February 2019

Gordon Morton
Darug Aboriginal Cultural Heritage Assessments
Unit 9, 6 Chapman Avenue Chatswood NSW 2067

Dear Gordon Morton,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
Our Ref: Matter 29211

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Archaeologist
02 9101 8712
0437 641 267
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07 February 2019

Eric Keidge
11 Olsson Close Hornsby Heights NSW 2077

Dear Eric Keidge,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties

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Archaeologist
02 9101 8712
0437 641 267
callen@biosis.com.au

07 February 2019

Scott Franks
Tocomwall
PO Box 76 Caringbah NSW 1495

Dear Scott Franks,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
Our Ref: Matter 29211

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07 February 2019

Nathan Moran
Metropolitan Local Aboriginal Land Council
PO Box 1103 Strawberry Hills NSW 2016

Dear Nathan Moran,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Registration of Interested Parties
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Email: sydney@biosis.com.au

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From:	Caza X
To:	Ashley Bridge
Subject:	Re: 29211 - St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Registration of Interested Parties
Date:	Saturday, 23 February 2019 6:28:18 PM
Attachments:	image403715.PNG

A1

Indigenous Services
Contact: Carolyn
M: 0411650057
E: Cazadirect@live.com
A: 10 Marie Pitt Place, Glenmore Park, NSW 2745
ABN: 20 616 970 327

Hi
A1 would like to register for consultation and an field work for this project.
I hold cultural knowledge and connection to this area.
Thank you
Carolyn Hickey

From: Ashley Bridge
Sent: Thursday, 7 February 2019 11:35 AM
To: 'cazadirect@live.com'
Subject: 29211 - St Joseph's College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Registration of Interested Parties
Good Morning,

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Thank-you,
Kind Regards,

Ashley

Ashley Bridge
Research Assistant - Heritage

M: 0437 689 734
D: (02) 9101 8721
E: abridge@biosis.com.au

Biosis Logo

Leaders in Ecology and Heritage Consulting

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From:	Amanda Hickey
To:	Ashley Bridge
Subject:	Joseph's College, Mark Street, Hunters Hill, NSW
Date:	Sunday, 10 February 2019 7:19:32 PM

Hi Ashley

Thank you for your email about Joseph's College, Mark Street, Hunters Hill, NSW AHCS would like to register an interest in the project and field works.

AHCS holds cultural knowledge towards determining indigenous artefacts and cultural knowledge towards the land of Hunters Hills

If there's anything else you need please don't hesitate to contact me on 0434480558
Or email amandahickey@live.com.au

Have a great day Ashley

Amanda DeZwart AHCS

Get Outlook for Android

From:	Amanda Hickey
To:	Ashley Bridge
Subject:	Re: 29211 - St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Registration of Interested Parties
Date:	Monday, 18 February 2019 10:11:18 AM
Attachments:	image8153b4.PNG

Good morning Ashley
Thank you for your email for registration for St Joseph's College
AHCS would like to register a interest in the works for St Joseph's College
AHCS holds cultural knowledge towards determining indigenous artefacts
And holds cultural acknowledge towards the land
Attached is AHCS insurances
Hope to hear from you soon
If there's anything else you need please don't hesitate to contact me on 0434480558
Or email amandahickey@live.com.au
Have a great day Ashley
Amanda AHCS

Get Outlook for Android

From: Ashley Bridge
Sent: Thursday, February 7, 2019 11:35:51 AM
To: 'amandahickey@live.com.au'
Subject: 29211 - St Joseph's College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Registration of Interested Parties

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Thank-you,
Kind Regards,
Ashley

Ashley Bridge
Research Assistant - Heritage
M: 0437 689 734
D: (02) 9101 8721

E: abridge@biosis.com.au

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From:	Uncle Gordon Workman
To:	Ashley Bridge
Cc:	Charlotte Allen
Subject:	Re: 29211 - St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Registration of Interested Parties
Date:	Thursday, 7 February 2019 4:45:35 PM
Attachments:	image011662.PNG St Joseph"s College 2019.pdf

thank you

Darug Boorooberongal Elders Aboriginal Corporation

ICN: 8890 ABN: 76170262247

PO Box 14

Doonside NSW 2767

Uncle Gordon Workman ph: 0415 663 763

From: Ashley Bridge
Sent: Thursday, 7 February 2019 11:35 AM
To: 'boorooberongal@outlook.com'
Subject: 29211 - St Joseph's College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Registration of Interested Parties

Good Morning,

Biosis have been engaged by Bloompark Consulting Services on behalf of St Joseph's College to undertake an Aboriginal cultural heritage assessment (ACHA) for the proposed Physical Education and Sports Precinct at St Joseph's College, Mark Street, Hunters Hill, NSW.

Biosis is assisting with consultation with the Aboriginal community in accordance with the consultation requirements. Biosis wishes to identify Aboriginal people who may have an interest in the proposed study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or Places in the Hunter's Hill area. If you would like to register your interest to be consulted for this assessment, please respond by 5pm Thursday 21 Februray 2019.

All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the study area should be provided in writing to:

Charlotte Allen
Biosis Pty Ltd
14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Thank-you,
Kind Regards,
Ashley

Ashley Bridge
Research Assistant - Heritage
M: 0437 689 734
D: (02) 9101 8721
E: abridge@biosis.com.au

Biosis Logo

Leaders in Ecology and Heritage Consulting

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DARUG BOOROOBERONGAL ELDERS ABORIGINAL CORPORATION



ICN: 8890 ABN: 76 170 262 247
E-MAIL: BOOROOBERONGAL@OUTLOOK.COM
ADDRESS: PO BOX 14 DOONSIDE NSW 2767
PHONE: 0415 663 763



7/2/2019

TO: **Charlotte Allen**
Biosis Pty Ltd

RE: St Joseph's College (Lot 2, DP 527024)Hunters Hill NSW 2110

Notification and Registration of ALL Darug Aboriginal Interests

Please be advice that Darug Boorooberongal Elders Aboriginal Corporation (DBEAC) is seeking to be involved in any and all consultation meetings and field work.

This office specialises in Darug Aboriginal and community consultation. The membership comprises of traditional owners from the area in question who retain strong story, song lines, oral history and continued contact. We have a continued spiritual connection to Darug nation territories. We would also like to state, that we do not except or support any person or organisation that are NOT from the DARUG Nation to have input on the project area.

Please also be advised that this Aboriginal organisation does not do volunteer work or attend unpaid meetings. I hope that you advise your client of this, so that, this group will not be discriminated against and refused paid field work.

We will be delighted to discuss this project with you in the near future.
Please do not hesitate to send all correspondence should be emailed to our email boorooberongal@outlook.com.

Yours faithfully

Uncle
Gordon Workman
Darug Elder

Sites Officer

From:	Darug Land Observations
To:	Charlotte Allen
Subject:	Expressions of Interest - St Joseph"s College, Mark Street, Hunters Hill
Date:	Friday, 1 February 2019 11:43:34 AM
Attachments:	Expressions of Interest letter BIOSIS (HuntersHill).docx

Hi Charlotte,

Please find attached Expressions of Interest letter for the proposed development of a new Physical Education & Sports Precinct at St Joseph's College, located at Mark Street, in Hunters Hill.

Look forward to working with you on this project.

Kind Regards,

Anna

DARUG LAND
OBSERVATIONS PTY LTD
ABN 27 602 765 453

EMAIL: DARUGLANDOBSERVATIONS@GMAIL.COM
PO BOX 173 ULLADULLA NSW 2539
MOBILE: 0413 687 279

1st February, 2019

Charlotte Allen
BIOSIS Pty Ltd
Unit 14, 17-27 Power Avenue
ALEXANDRIA NSW 2015

Email: callen@biosis.com.au

Notification and Registration of ALL Aboriginal Interests

RE: PROPOSED NEW PHYSICAL EDUCATION & SPORTS PRECINCT, ST JOSEPH'S COLLEGE, MARK STREET, HUNTERS HILL
Aboriginal Archaeological & Cultural Heritage Assessment

Dear Charlotte,

Please be advised that Darug Land Observations Pty Ltd is seeking to be involved in any and all consultation meetings and fieldwork.

This office specialises in Aboriginal and community consultations, and has a membership that comprises of Traditional owners from the area in question. Those retain strong story, song lines, oral history and continued contact.

We would also like to state that we do not accept or support any person or organisation that are NOT from the DARUG Nation that comments regarding the said area.

Please also be advised that this Aboriginal organisation does not do volunteer work or attend unpaid meetings. I hope that you advise your client of this so that, 'This Group', will not be discriminated against and refused paid fieldwork. DLO's rate is $440 half day (less than 4 hours) and $880 per day (flat rate), including GST.

All correspondence should be emailed to: daruglandobservations@gmail.com and any further consultation during this project can be directed to Anna on 0413 687 279.

Yours sincerely,

Jamie Workman
Darug Land Observations Pty Ltd

Uncle Gordon Workman
Darug Elder

From:	lilly carroll
To:	Charlotte Allen
Subject:	Register
Date:	Thursday, 7 February 2019 11:46:07 AM

Hi Charlotte

DNC would like to register an interest into
Re: Education and Sports Precinct at St Joseph's College, Mark Street, Hunters Hill, NSW.

Kind regards DNC
Paul Boyd & Lillie Carroll
0426823944

Sent from Yahoo Mail for iPhone

From:	Goobah
To:	Ashley Bridge; Charlotte Allen
Subject:	Re: 29211 - St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Registration of Interested Parties
Date:	Tuesday, 12 February 2019 5:59:20 AM
Attachments:	image13d03b.PNG

Hi Charlotte

This is Goobahs expression of interest to register for the above project.

We wish to be kept informed of any further developments thank you.

On Thu, 7 Feb 2019 at 11:36 am, Ashley Bridge <ABridge@biosis.com.au> wrote:

> Good Morning,
>
> Biosis have been engaged by Bloompark Consulting Services on behalf of St Joseph's College to undertake an Aboriginal cultural heritage assessment (ACHA) for the proposed Physical Education and Sports Precinct at St Joseph's College, Mark Street, Hunters Hill, NSW.
>
> Biosis is assisting with consultation with the Aboriginal community in accordance with the consultation requirements. Biosis wishes to identify Aboriginal people who may have an interest in the proposed study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or Places in the Hunter's Hill area. If you would like to register your interest to be consulted for this assessment, please respond by 5pm Thursday 21 Februray 2019.
>
> All correspondence regarding provision of names and contact details of Aboriginal people who may hold cultural knowledge relevant to the study area should be provided in writing to:
>
> Charlotte Allen
> Biosis Pty Ltd
> 14, 17-27 Power Avenue
> Alexandria NSW 2015
> callen@biosis.com.au
>
> Thank-you,
> Kind Regards,
> Ashley
>
> **Ashley Bridge**
> Research Assistant - Heritage
> M: 0437 689 734
> D: (02) 9101 8721
> E: abridge@biosis.com.au
>
> Biosis Logo
>
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--

Regards Basil Smith
Chief Executive Officer
Goobah PH 0405995725

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.

From:	Caine Carroll
To:	Ashley Bridge
Subject:	Re: 29211 - St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Registration of Interested Parties
Date:	Saturday, 9 February 2019 7:58:25 AM
Attachments:	image6b797b.PNG

Good morning Ashley,

Goodradigbee Cultural and Heritage corporation, would like to be included in the consultation with the project at the St Joseph's college.

Goodradigbee Cultural and Heritage corporation, may hold information in regards to the project.

If you could please keep me updated with this project, that would be great.

Director- Caine Carroll
Goodradigbee Cultural & Heritage
Aboriginal Corporation
0410974236

On 7 Feb 2019, at 11:36 am, Ashley Bridge <ABridge@biosis.com.au> wrote:

> Good Morning,
>
> Biosis have been engaged by Bloompark Consulting Services on behalf of St Joseph's College to undertake an Aboriginal cultural heritage assessment (ACHA) for the proposed Physical Education and Sports Precinct at St Joseph's College, Mark Street, Hunters Hill, NSW.
>
> Biosis is assisting with consultation with the Aboriginal community in accordance with the consultation requirements. Biosis wishes to identify Aboriginal people who may have an interest in the proposed study area and hold cultural knowledge relevant to determining the cultural significance of Aboriginal objects and/or Places in the Hunter's Hill area. If you would like to register your interest to be consulted for this assessment, please respond by 5pm Thursday 21 Februray 2019.
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> Alexandria NSW 2015
> callen@biosis.com.au
>
> Thank-you,
> Kind Regards,
> Ashley
>
> **Ashley Bridge**
> Research Assistant - Heritage
> M: 0437 689 734
> D: (02) 9101 8721
> E: abridge@biosis.com.au

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<29211.St.Joseph.Stage1.Registration.Invitation.FIN01.20190207..pdf>

Tocomwall Pty Ltd
PO Box 76 Caringbah NSW 1495
Tel: 02 9542 7714 Fax: 02 9524 4146
Email: info@tocomwall.com.au www.tocomwall.com.au
ABN: 13 137 694 618

08 February 2019

Charlotte Allen
Archaeologist
14, 17-27 Power Avenue
Alexandria NSW 2015
(T): (02) 9101 8712
(M): 0437 641 267
Email: callen@biosis.com.au

Dear Charlotte,

RE: Aboriginal Cultural Heritage Assessment (St Joseph's College)

Registration of Interest (ROI)

Thank you for your notification regarding the Registration of Interest for the opportunity to provide cultural knowledge for the above mentioned project. Tocomwall respectfully requests primary involvement in all consultation meetings and fieldwork associated with the project.

Tocomwall represents traditional owners associated with the project area and retains local knowledge and oral history that will add significant value to the Project's heritage assessment. We have no objection to our contact information being provided to the Office of Environment and Heritage or the Local Aboriginal Land Council.

Tocomwall is also able to assist with input that can be incorporated into a written assessment of cultural values of the area. We employ a well-structured team with the capacity to support all necessary field work for the project. We can provide our schedule of rates and copies of relevant certificates of currency for business insurances upon request.

Tocomwall is a small business that relies upon a consistent cash flow that ensures we can continue to fulfil our client's needs. Unfortunately, the Tocomwall team is not in a position to provide volunteer work or attend meetings on a gratuitous basis. Tocomwall respectfully requests payment terms of 14 days from date of invoice. We would appreciate a copy of the contract and terms and conditions prior to commencement of the project.

Please provide all correspondence to Danny Franks at danny@tocomwall.com.au or to the above postal address.

Should you have any further questions regarding this ROI please contact me directly on 0415 226 725.

Yours faithfully

Danny Franks
Cultural Heritage Manager

From: Danny Franks
To: Charlotte Allen
Cc: Scott Franks
Subject: Re ACHA ST JOSEPH COLLEGE
Date: Friday, 8 February 2019 12:09:58 PM
Attachments: A445217A-6C59-4DB5-AD0E-7BD837188C89[13].png
Aboriginal Cultural Heritage Assesment-St Joseph College BIOSIS.pdf

---

Dear Charlotte,

Please see attached a copy of Tocomwall's ROI our schedule of rates are below.

Tocomwall Team Member	Activity/Task	Hourly Rate (excl. GST)	Daily Rate (excl. GST)<!--[if !supportFootnotes]--><!--[endif]-->	Daily Travel Expenses (excl. GST)
Field Coordinator	<!--[if !supportLists]--><!--[endif]-->Participating in test excavation program <!--[if !supportLists]--><!--[endif]-->Providing cultural knowledge	$87.50	$700	$50
Field Officer	<!--[if !supportLists]--><!--[endif]-->Participating in test excavation program <!--[if !supportLists]--><!--[endif]-->Providing cultural knowledge	$87.50	$700	$50
Cultural Heritage Advisor	<!--[if !supportLists]--><!--[endif]-->Review Survey Methodology <!--[if !supportLists]--><!--[endif]-->Review Draft Cultural Heritage Assessment Report <!--[if !supportLists]--><!--[endif]-->Review Final Cultural Heritage Assessment Report	$120<!--[if !supportFootnotes]--><!--[endif]-->		

<!--[if !supportFootnotes]-->

<!--[endif]-->

<!--[if !supportFootnotes]--><!--[endif]--> In the event of bad weather or other unforseen circumstances preventing activities for continuing for greater than 4 hours, a minimum of 4 hours plus travel expenses will be charged for attendance on site

<!--[if !supportFootnotes]--><!--[endif]--> Reasonable time spent on reviewing the survey methodology, and draft and final reports has been included as part of the Field Coordinator and Field Officer rates. Where additional time is required to provide technical or cultural advice, Tocomwall reserves the right to negotiate additional costs with the client.

Regards

Danny Franks
Cultural Heritage Manager

Tocomwall Pty Ltd
PO Box 76
Caringbah NSW 1495
m: 0415226725
p: 02 9542 7714
f: 02 9524 4146
e: danny@tocomwall.com.au
www.tocomwall.com.au



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From: Charlotte Allen
To: Danny Franks
Cc: Scott Franks
Subject: Re: Re ACHA ST JOSEPH COLLEGE
Date: Thursday, 14 February 2019 5:52:43 PM
Attachments: image eb75fa7.PNG

Dear Danny,

Thank you for your email. As part of the Aboriginal Cultural Heritage Assessment for St Joseph's College, we will be undertaking the following as required by the Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010 (DECCW 2010):

Presentation of information about the proposed project (Section 4.2)

Gathering information about cultural significance (Section 4.3)

Review of draft cultural heritage assessment report (Section 4.4)

As laid out in Section 3.4 of the consultation requirements, the purpose of these activities is to get the views of, and information from, Registered Aboriginal Parties. Consultation carried out in accordance with these guidelines does not constitute employment, and therefore does not include payment for reviews of consultation documentation.

If you have any questions please do let me know.

Kind regards,

Charlotte

Sent from my Samsung GALAXY S5 on the Telstra Mobile Network

-------- Original message --------
From: Danny Franks
Date: 8/02/2019 12:09 PM (GMT+10:00)
To: Charlotte Allen
Cc: Scott Franks
Subject: Re ACHA ST JOSEPH COLLEGE

Dear Charlotte,

Please see attached a copy of Tocomwall's ROI our schedule of rates are below.

Tocomwall Team Member	Activity/Task	Hourly Rate (excl. GST)	Daily Rate (excl. GST)[1]	Daily Travel Expenses (excl. GST)
Field Coordinator	• Participating in test excavation program • Providing cultural knowledge	$87.50	$700	$50
Field Officer	• Participating in test excavation program • Providing cultural knowledge	$87.50	$700	$50
Cultural Heritage Advisor	• Review Survey Methodology • Review Draft Cultural Heritage Assessment Report • Review Final Cultural Heritage Assessment Report	$120[2]		

[1] In the event of bad weather or other unforseen circumstances preventing activities for continuing for greater than 4 hours, a minimum of 4 hours plus travel expenses will be charged for attendance on site

[2] Reasonable time spent on reviewing the survey methodology, and draft and final reports has been included as part of the Field Coordinator and Field Officer rates. Where additional time is required to provide technical or cultural advice, Tocomwall reserves the right to negotiate additional costs with the client.

Regards

Danny Franks
Cultural Heritage Manager

Tocomwall Pty Ltd
PO Box 76
Caringbah NSW 1495
m: 0415226725
p: 02 9542 7714
f: 02 9524 4146
e: danny@tocomwall.com.au
www.tocomwall.com.au

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Charlotte Allen
Archaeologist
M: 0437 641 267
D: (02) 9101 8712
E: callen@biosis.com.au

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From:	Danny Franks
To:	Charlotte Allen
Cc:	Scott Franks
Subject:	Re: Re ACHA ST JOSEPH COLLEGE
Date:	Friday, 15 February 2019 9:40:55 AM
Attachments:	A445217A-6C59-4DB5-AD0E-7BD837188C89.png imageb75fa7.PNG

Dear Charlotte,

Thank you for advising me of the requirements listed in the National Parks and Wildlife Act 1974, I am very familiar with them. Although as you would be aware the entire process is not consistent and never has been. Some Proponents actually believe in paying Aboriginal Business's for their time and efforts. As I'm sure you're very aware every Registered Aboriginal Party listed on the OEH now has an ABN and operates as a Sole trader or Not for Profit business.

"As laid out in Section 3.4 of the consultation requirements, the purpose of these activities is to get the views of, and information from, Registered Aboriginal Parties. Consultation carried out in accordance with these guidelines does not constitute employment, and therefore does not include payment for reviews of consultation documentation".

Im not sure if you quoting the legislation is a direct response to my ROI or a blanket email to everyone that has emailed Biosis in response to the notification. But never the less if you see the 2nd point noted under Tocomwall's Company rates you will notice that,

[2] Reasonable time spent on reviewing the survey methodology, and draft and final reports has been included as part of the Field Coordinator and Field Officer rates. Where additional time is required to provide technical or cultural advice, Tocomwall reserves the right to negotiate additional costs with the client.

This is a commercial decision made by tocomwall as management fully believes that as an Aboriginal owned company our time is not only valuable but essential during the " information gathering process". That way our representatives don't have to sit down day after day reading copy and pasted reports that add absolutely no new data towards our culture.

If you have any questions please let me know.

Thanks Charlotte,

Regards
Danny Franks
Cultural Heritage Manager

Tocomwall Pty Ltd
PO Box 76
Caringbah NSW 1495
m: 0415226725

p: 02 9542 7714
f: 02 9524 4146
e: danny@tocomwall.com.au
www.tocomwall.com.au

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From: Charlotte Allen <callen@biosis.com.au>
Date: Thursday, 14 February 2019 at 5:52 pm
To: Danny Franks <danny@tocomwall.com.au>
Cc: Dad <scott@tocomwall.com.au>
Subject: Re: Re ACHA ST JOSEPH COLLEGE

Dear Danny,

Thank you for your email. As part of the Aboriginal Cultural Heritage Assessment for St Joseph's College, we will be undertaking the following as required by the Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010 (DECCW 2010):

resentation of information about the proposed project (Section 4.2)

athering information about cultural significance (Section 4.3)

eview of draft cultural heritage assessment report (Section 4.4)

As laid out in Section 3.4 of the consultation requirements, the purpose of these activities is to get the views of, and information from, Registered Aboriginal Parties. Consultation carried out in accordance with these guidelines does not constitute employment, and therefore does not include payment for reviews of consultation documentation.

If you have any questions please do let me know.

Kind regards,

Charlotte

Sent from my Samsung GALAXY S5 on the Telstra Mobile Network

-------- Original message --------
From: Danny Franks <danny@tocomwall.com.au>
Date: 8/02/2019 12:09 PM (GMT+10:00)
To: Charlotte Allen <callen@biosis.com.au>
Cc: Scott Franks <scott@tocomwall.com.au>
Subject: Re ACHA ST JOSEPH COLLEGE

Dear Charlotte,

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Tocomwall Team Member	Activity/Task	Hourly Rate (excl. GST)	Daily Rate (excl. GST)[1]	Daily Travel Expenses (excl. GST)
Field Coordinator	• Participating in test excavation program • Providing cultural knowledge	$87.50	$700	$50
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Cultural Heritage Advisor	• Review Survey Methodology • Review Draft Cultural Heritage Assessment Report • Review Final Cultural Heritage Assessment Report	$120[2]		

[1] In the event of bad weather or other unforseen circumstances preventing activities for continuing for greater than 4 hours, a minimum of 4 hours plus travel expenses will be charged for attendance on site

[2] Reasonable time spent on reviewing the survey methodology, and draft and final reports has been included as part of the Field Coordinator and Field Officer rates. Where additional time is required to provide technical or cultural advice, Tocomwall reserves the right to negotiate additional costs with the client.

Regards

Danny Franks
Cultural Heritage Manager

Tocomwall Pty Ltd
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Caringbah NSW 1495
m: 0415226725
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f: 02 9524 4146
e: danny@tocomwall.com.au
www.tocomwall.com.au

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Charlotte Allen
Archaeologist
M: 0437 641 267
D: (02) 9101 8712
E: callen@biosis.com.au

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Appendix 3 Stage 2: Presentation of information about the proposed project and Stage 3: Gathering information about cultural significance

1 March 2019

Carolyn Hickey
A1 Indigenous Services
10 Marie Pitt Place
Glenmore Park NSW 2745

Dear Carolyn Hickey ,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – project information
Our Ref: Matter 29211

Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW. This information has been provided in accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements).

In this letter you will find the project information pack, and attached to this correspondence is the following document:

- St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology

The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.

Please note that comments on the project methodology pack should be received before **4 pm Friday 29 March 2019**.

As this project will involve a field investigation and potentially test excavations, the purpose of the second letter is to invite your feedback on the proposed project information and methodology packs, and to assist the proponent in the programing of groups for participation in the test excavations which will be carried out within the study area, should they be required.

If you have any queries regarding the project or the information in this letter, please don't hesitate to contact us.

Yours sincerely



Charlotte Allen

Archaeologist
callen@biosis.com.au

Project information

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with information about the proposed project and the scope of the Aboriginal archaeology and cultural heritage investigations and assessment.

Study area

The study area is located within the Hunters Hill Local Government Area (LGA), Parish of Hunters Hill, County of Cumberland. It encompasses Lot 2, DP 527024 at Mark Street, Hunters Hill NSW (Figure 1 and Figure 2.

Project

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct. The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer.
  - Driveway entry to the PESPP (no new vehicular cross overs).
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site.
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

Biosis Pty Ltd is assisting St Joseph's College with consultation with the Aboriginal community and the Aboriginal Cultural Heritage Assessment. Consultation with the Aboriginal community will follow the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a). The purpose of the Aboriginal community consultation will be to provide sufficient information for the assessment of Aboriginal cultural heritage values and to inform the Aboriginal cultural heritage assessment (ACHA).

The ACHA will support an Environmental Impact Statement and provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*. The development of the school will be assessed as a SSD under Section 89(c) of the *Environmental Planning and Assessment Act 1979* and Schedule 1 of the State Environmental Planning Policy (State and Regional Development) 2011(SSD 8970).

Aboriginal Cultural Heritage Assessment process

The assessment process includes the following steps:

Background research

Background research has been undertaken in order to identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment area. Background research will be conducted in line with the requirements of the *Code of practice for the investigation of Aboriginal objects in New South Wales* (DECCW 2010b) ('the code'). Background research for the project included the following tasks:

- Conduct heritage register searches to identify previously recorded cultural heritage sites in or within the vicinity of the proposed study area. Searches will include the Aboriginal Heritage Information Management System (AHIMS), the National Heritage List, Commonwealth Heritage List, Register of the National Estate, State Heritage Register, Local Environmental Plan and National Trust heritage lists.
- Conduct additional background research in order to recognise any identifiable regional trends in site distribution and location and provide a site prediction model for the study area.
- Undertake a comprehensive survey of the study area, identifying any previously recorded sites (on AHIMS).
- Record and assess sites identified during the survey in compliance with the guidelines issued by the OEH.
- Assess the scientific significance of all identified Aboriginal cultural heritage sites and places.
- Identify impacts to all identified Aboriginal cultural heritage sites and places based on potential ground disturbance from the proposed realignment of the road.
- Make recommendations to minimise or mitigate potential impacts of the proposed realignment upon cultural heritage values within the study area.

Consultation with the Aboriginal community

This task will allow the Aboriginal community the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and input into management options.

Consultation with Aboriginal stakeholders under the DECCW 2010a consultation guidelines is being undertaken to assist St Joseph's College by:

- Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the study area.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects(s) and/or place(s) within the study area.
- Actively contributing to the development of cultural heritage management plan options and recommendations for any Aboriginal object(s) and/or place(s) within the proposed study area.
- Commenting on the draft assessment reports before they are submitted by the proponent to the determining authority of the proposed realignment.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- **COMPLETED.** Ascertaining the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the proposed study area. This would include writing to the following:
  - Office of Environment and Heritage (OEH)
  - Local Aboriginal Land Council (LALC)
  - Office of the Registrar (Aboriginal Land Rights Act 1983)
  - National Native Title Tribunal (NNTT)
  - Native Title Services Corporation Limited (NTSCORP Limited)
  - Relevant Local Councils
  - Relevant Catchment Management Authorities
- **COMPLETED.** Biosis will undertake the 'Placement of Notification' (Public Notice) in the *Penrith Press*, on behalf of St Joseph's College, that must include details of the proponent, the project, the exact location, and statement of the purpose of the community consultation in preparation for possible test excavations. The Public Notice is also an invitation for Aboriginal people who hold relevant cultural knowledge about the study area. A closing date for the registration must be included and be no less than **14 days**. **Registrations closed on 19 February 2019**.
- **COMPLETED.** Aboriginal people or groups identified were provided with notification of the proposed project via Biosis and given the opportunity to be involved in consultation. **Registrations of interest closed on 21 February 2019**.
- A list of Aboriginal people or groups who registered an interest in the project will be forwarded to the OEH and Deerubbin LALC by Biosis no later than **28 days** following close of registration. This list

will not include those people or groups who specified that they did not want their details shared with OEH or the LALC.

- Biosis will provide details of the project and methodology for the archaeological assessment to the registered parties. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of **28 days** of the Biosis providing the methodology document.
- Selected representatives of the RAPs will be given the opportunity to participate in test excavations within the study area, should they be required.
- The DRAFT ACHA and Archaeological Report will be provided to all RAPs for comment – the proponent must allow **28 days** for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an Appendix.

Field Survey

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010c) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area.

There are several registered Aboriginal sites in the vicinity of the study area. However, it was not possible to access or relocate these sites. These sites were not relocated during the survey. This task assisted in the assessment of disturbance and aided predictive modelling for areas of potential archaeological deposit, and an assessment of whether the proposed excavation works are likely to impact on undiscovered Aboriginal artefacts.

Aboriginal cultural survey

A further survey will be undertaken with a representative from a registered Aboriginal party in order to identify any further Aboriginal cultural heritage values not previously identified in the Due Diligence Assessment field survey. This survey will be undertaken in accordance with the requirements of the Should this survey identity areas of archaeological potential or cultural values, test excavations will be conducted in accordance with the requirements of the code. Further information on the methodology for test excavation and the areas of potential archaeological deposit within the study area is available in the project methodology.

Test excavations

Should the results of the survey indicate that there is an area of archaeological potential within the study area, Biosis will conduct test excavations in accordance with the requirements of the *Code of Practice for the Archaeological Investigation of Aboriginal Objects* (DECCW 2010b). Further information on the methodology for test excavation is available in the project methodology.

Reporting

A draft ACHA report and archaeological report will be prepared in accordance with the code and will include:

- Background and project description.

- A summary and analysis of the findings of the archaeological survey and test excavations (if applicable) including the presence and location of registered or undiscovered Aboriginal artefacts or heritage items within proximity of the study area.
- A summary of any other relevant studies or surveys which have relevance to the assessment area.
- A summary of the landscape features of the site which may indicate a history of Aboriginal activity.
- A summary of previous land use that may have affected the retention of intact Aboriginal archaeology in the landscape.
- The potential or likelihood for the proposed works to uncover or expose potential undiscovered Aboriginal objects.
- Survey results and, if undertaken, test excavation results.
- Legislative implications of the proposed works.
- Recommendations and justification for further assessment (if required).
- Mitigation measures (if any) required for the works to proceed.
- Mapping to show the location of registered and newly located (if any) Aboriginal sites in relation to the proposed works.

RAPs will be provided with the draft report for comment and allowed **28 days** for review.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the *Northern District Times* 6 February 2019. Notices sent to identified Aboriginal parties on 7 February 2019.
Aboriginal stakeholder registration period	Completed	Registration period ran from 6-21 February 2019.
Cultural survey	TBC	Following closure of consultation Stage 1
Archaeological test excavations with selected representatives of RAPs, if required	TBC	TBC
Information gathering	Continuous	Until finalisation of report.
Review of draft report	TBC	28 days review time allowed under OEH Aboriginal Community Consultation Guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs are expected to respond to requests for cultural information and comment on draft reporting, as appropriate in accordance with their role specified in the guidelines (DECCW 2010a, p. 16). Biosis and the proponent, in accordance with their role under the guidelines, will

consult with the Aboriginal community by supplying suitable project information and providing the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a, pp. 16-17).

Each section of the methodology will be undertaken in consultation with the Aboriginal stakeholders. Biosis invites Aboriginal stakeholders to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public then the Aboriginal stakeholder should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

References

DECCW 2010a, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010c, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

1 March 2019

Carolyn Hickey
A1 Indigenous Services
10 Marie Pitt Place
Glenmore Park NSW 2745

Dear Carolyn Hickey ,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Project Methodology
Our Ref: 29211

This letter is being provided to all the Registered Aboriginal Parties (RAPs) who registered their interest in the consultation process for the St Joseph's College Physical Education and Sports Precinct Project being undertaken by St Joseph's College (Figure 1, Figure 2).

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements), we provide the proposed methodology for the Aboriginal Cultural Heritage Assessment (ACHA) for your review and feedback.

It would be appreciated if you could provide feedback on the methodology to Biosis Pty Ltd by **5pm on Friday 29 March 2019**, either by email or return mail.

Please address methodology feedback to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.



Kind regards,

Charlotte Allen
Archaeologist

Stage 3: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with the proposed methodology for the cultural heritage and archaeological assessment.

Biosis has been engaged by St Joseph's College to conduct an Aboriginal Cultural Heritage Assessment (ACHA), as part of an Environmental Impact Statement and to provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application.

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010b) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area. However, an Aboriginal Cultural Heritage Assessment is required to support the project State Significant Development application, including consultation with the Aboriginal community. As part of this consultation, an aboriginal cultural survey will be undertaken with a representative of the RAPs.

Assessment methodology

Aims of the survey

The principle aims of the survey are to:

- Undertake a systematic archaeological survey of the study area in accordance with the code, while targeting areas with the potential for Aboriginal heritage.
- Identify and record Aboriginal archaeological sites visible on the ground surface.
- Identify and record areas of potential archaeological deposit (PAD).

Survey methodology

The survey methods are intended to assess and understand the landforms and to determine whether any archaeological material from Aboriginal occupation or land use exists within the study area. Identification of natural soil deposits within the study area will be undertaken if possible. Photographs and recording techniques will be incorporated into the survey including representative photographs of survey units, landforms, vegetation coverage, ground surface visibility and the recording of soil information for each survey unit. Any Aboriginal objects observed during the survey will be documented and photographed. No artefacts discovered during the survey component are to be removed from the site.

Recording during the survey will follow the guidelines of the OEH, in particular the *Code of practice for archaeological investigation of Aboriginal objects in New South Wales* (DECCW 2010c) (the code).

Specific information that will be recorded during the survey includes:

- Aboriginal objects or sites present in the study area.
- Survey coverage.
- Survey effectiveness.
- Any resources that may have potentially been exploited by Aboriginal people.
- Landforms and general soil information.
- Photographs of the site indicating landforms.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees, shell middens or any other Aboriginal sites.

Distinguishing landform elements and their association with Aboriginal cultural heritage will assist with the identification of site patterning, though with the awareness of the following limitations:

- The degree of ground surface visibility (GSV) and amount of exposed areas can significantly bias the discovery of surface artefacts.
- Cultural material exposed on the surface is not necessarily representative of the potential extent of the site (either horizontally or vertically).

Information about the presence of potentially exploitable resources helps contribute to predictions of the Aboriginal sites that may occur within the study area. Information about GSV, DV and areas of exposures help to provide a general indication of the effectiveness of the survey for identifying Aboriginal cultural heritage exposed to the surface. Observable disturbances are also considered when assessing the integrity of known or potential sites in an area. The location of Aboriginal cultural heritage and points marking the boundary of the landform elements will be recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

Test excavation methodology

Should areas of archaeological potential or cultural values be identified during the cultural survey, test excavations will be conducted in accordance with the requirements of the code.

Aims of the sub-surface test excavations

The principle objectives of the subsurface test excavations would be to identify and understand the nature, extent and significance of any archaeological sites located within areas of archaeological potential.

The aims of the testing program would be to:

- Determine whether sub-surface archaeological deposits exist which may be impacted by the development.
- If so, to determine the extent and nature of such deposits.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, shell midden deposits, etc.) recovered during the testing program.

- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.

Test excavation sampling strategy

Test excavations across the study area would conform to the following methodology:

- Test excavations will be undertaken in areas identified as having the potential to contain Aboriginal cultural material.
- Test excavations will be conducted in 50 x 50 centimetre units.
- The test excavation units will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 – 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 x 50 centimetre test pit, additional 50 x 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 x 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 x 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m^2).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5mm sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.
- All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis (at Unit 14, 17-27 Power Avenue, Alexandria).
- The following documentation will be taken for the test pit:
    - Unique test pit identification number
    - GPS coordinate
    - Munsell soil colour, texture and pH
    - Amount and location of cultural material within the deposit
    - Nature of disturbance where present

- Stratigraphy
- Archaeological features (if present)
- Photographic records
- Spit records

- The test excavation unit must be backfilled as soon as practicable due to safety issues.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and OEH will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

*Enough information is defined by OEH as meaning "the sample of excavated material clearly and self-evidently demonstrates the deposit's nature and significance. This may include things like locally or regionally high object density: presence of rare or representative objects: presence of archaeological features: or locally or regionally significant deposits stratified or not." (DECCW 2010c).

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (Unit 14, 17-27 Power Avenue, Alexandria).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the code.

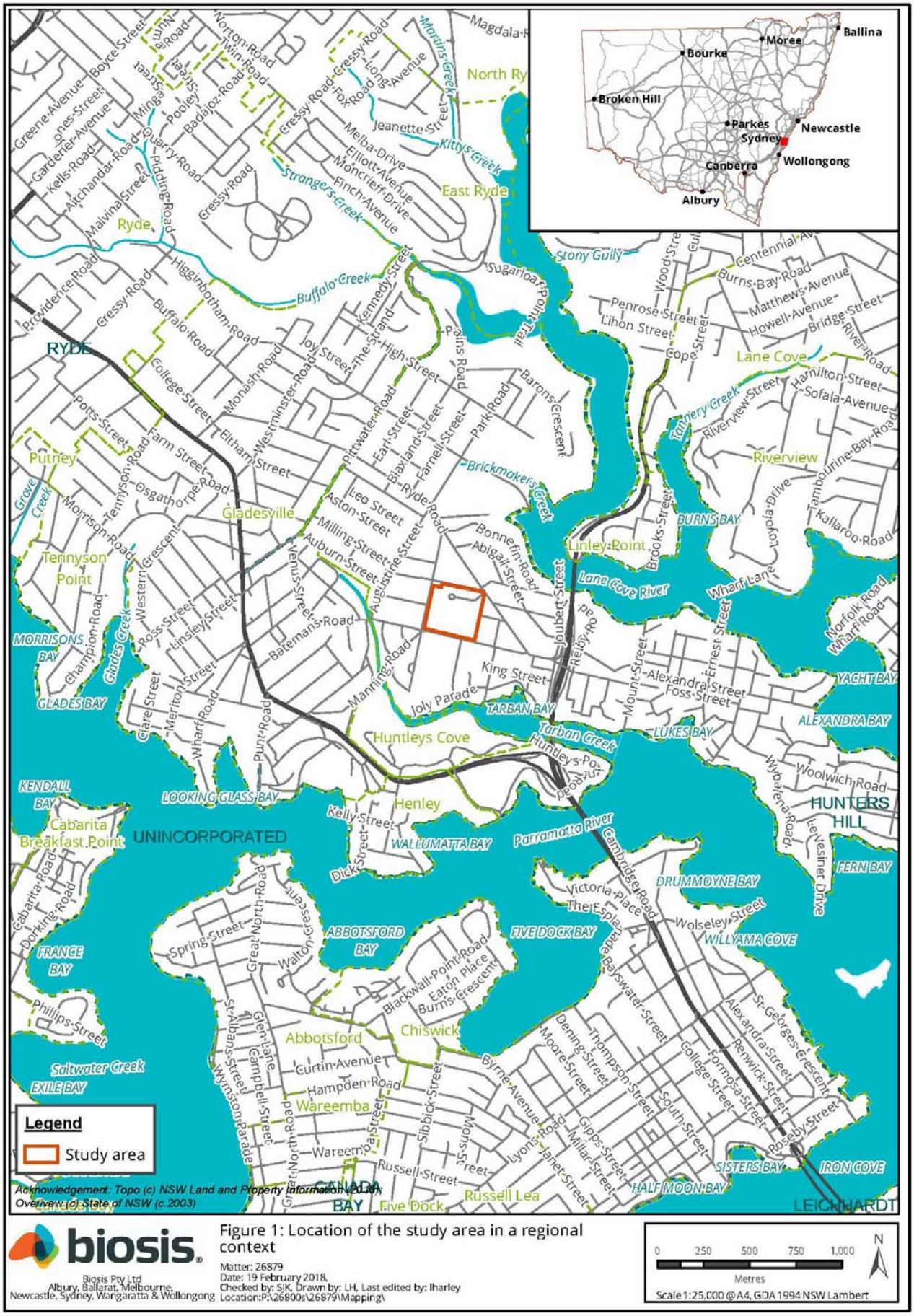
Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

References

DECCW 2010a, *Aboriginal cultural heritage consultation requirements for proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

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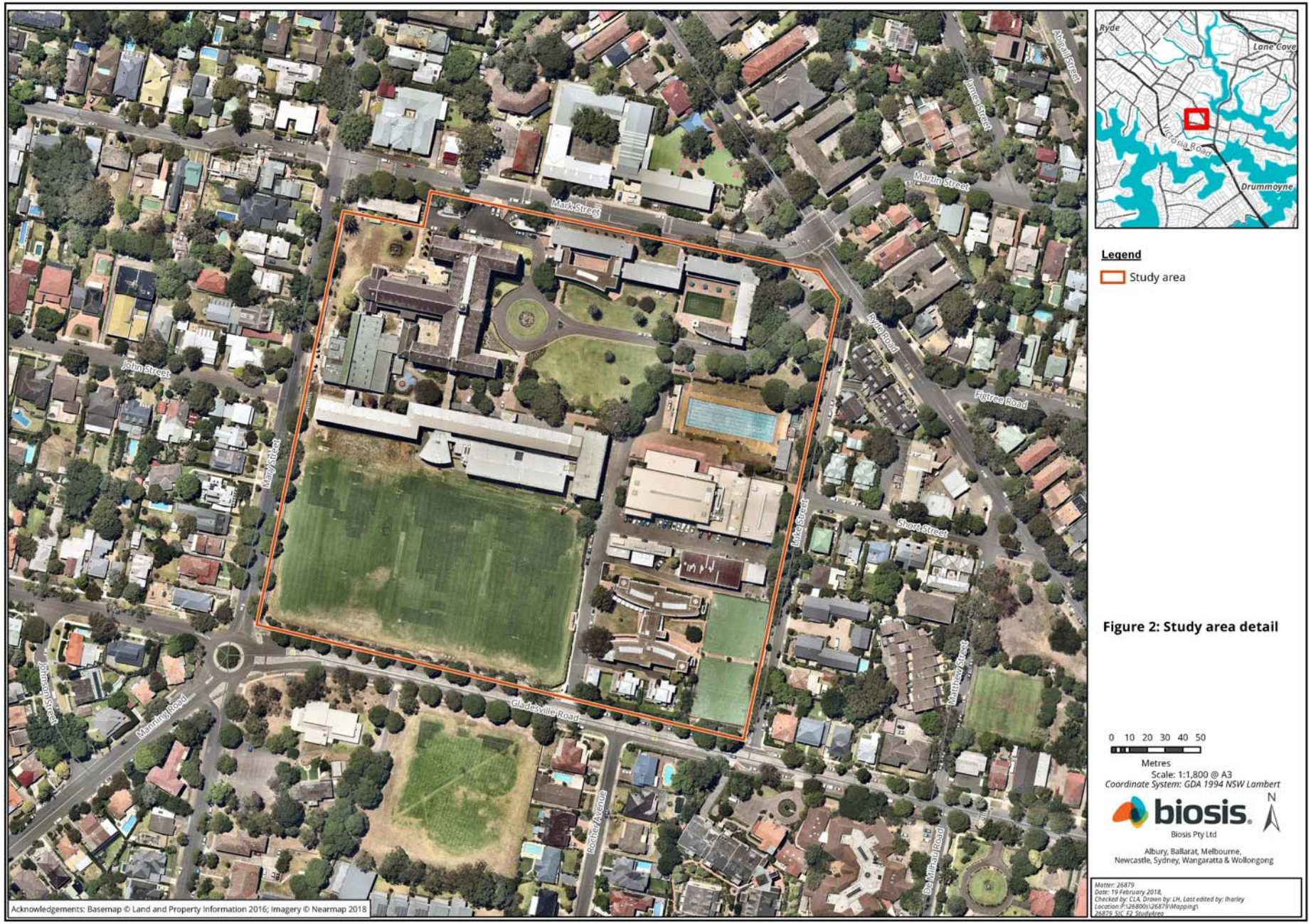


biosis

Biosis Pty Ltd
Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Figure 1: Location of the study area in a regional context

Matter: 26879
Date: 19 February 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping\



Legend

Study area

Figure 2: Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,800 @ A3

Coordinate System: GDA 1994 NSW Lambert

N

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Biosis Pty Ltd

Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 26879
Date: 19 February 2018,
Checked by: CLA, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping
26879_SIC_F2_StudyArea

27 February 2019

Amanda Hickey
Amanda Hickey Cultural Services
41 Dempsey Street
Emu Heights NSW 2750

Dear Amanda Hickey,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – project information
Our Ref: Matter 29211

Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW. This information has been provided in accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements).

In this letter you will find the project information pack, and attached to this correspondence is the following document:

- St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology

The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.

Please note that comments on the project methodology pack should be received before **4 pm Wednesday 27 March 2019**.

As this project will involve a field investigation and potentially test excavations, the purpose of the second letter is to invite your feedback on the proposed project information and methodology packs, and to assist the proponent in the programing of groups for participation in the test excavations which will be carried out within the study area, should they be required.

If you have any queries regarding the project or the information in this letter, please don't hesitate to contact us.

Yours sincerely



Charlotte Allen

Archaeologist
callen@biosis.com.au

Project information

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with information about the proposed project and the scope of the Aboriginal archaeology and cultural heritage investigations and assessment.

Study area

The study area is located within the Hunters Hill Local Government Area (LGA), Parish of Hunters Hill, County of Cumberland. It encompasses Lot 2, DP 527024 at Mark Street, Hunters Hill NSW (Figure 1 and Figure 2.

Project

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct. The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
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- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site.
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

Biosis Pty Ltd is assisting St Joseph's College with consultation with the Aboriginal community and the Aboriginal Cultural Heritage Assessment. Consultation with the Aboriginal community will follow the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a). The purpose of the Aboriginal community consultation will be to provide sufficient information for the assessment of Aboriginal cultural heritage values and to inform the Aboriginal cultural heritage assessment (ACHA).

The ACHA will support an Environmental Impact Statement and provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*. The development of the school will be assessed as a SSD under Section 89(c) of the *Environmental Planning and Assessment Act 1979* and Schedule 1 of the State Environmental Planning Policy (State and Regional Development) 2011(SSD 8970).

Aboriginal Cultural Heritage Assessment process

The assessment process includes the following steps:

Background research

Background research has been undertaken in order to identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment area. Background research will be conducted in line with the requirements of the *Code of practice for the investigation of Aboriginal objects in New South Wales* (DECCW 2010b) ('the code'). Background research for the project included the following tasks:

- Conduct heritage register searches to identify previously recorded cultural heritage sites in or within the vicinity of the proposed study area. Searches will include the Aboriginal Heritage Information Management System (AHIMS), the National Heritage List, Commonwealth Heritage List, Register of the National Estate, State Heritage Register, Local Environmental Plan and National Trust heritage lists.
- Conduct additional background research in order to recognise any identifiable regional trends in site distribution and location and provide a site prediction model for the study area.
- Undertake a comprehensive survey of the study area, identifying any previously recorded sites (on AHIMS).
- Record and assess sites identified during the survey in compliance with the guidelines issued by the OEH.
- Assess the scientific significance of all identified Aboriginal cultural heritage sites and places.
- Identify impacts to all identified Aboriginal cultural heritage sites and places based on potential ground disturbance from the proposed realignment of the road.
- Make recommendations to minimise or mitigate potential impacts of the proposed realignment upon cultural heritage values within the study area.

Consultation with the Aboriginal community

This task will allow the Aboriginal community the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and input into management options.

Consultation with Aboriginal stakeholders under the DECCW 2010a consultation guidelines is being undertaken to assist St Joseph's College by:

- Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the study area.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects(s) and/or place(s) within the study area.
- Actively contributing to the development of cultural heritage management plan options and recommendations for any Aboriginal object(s) and/or place(s) within the proposed study area.
- Commenting on the draft assessment reports before they are submitted by the proponent to the determining authority of the proposed realignment.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- **COMPLETED.** Ascertaining the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the proposed study area. This would include writing to the following:
  - Office of Environment and Heritage (OEH)
  - Local Aboriginal Land Council (LALC)
  - Office of the Registrar (Aboriginal Land Rights Act 1983)
  - National Native Title Tribunal (NNTT)
  - Native Title Services Corporation Limited (NTSCORP Limited)
  - Relevant Local Councils
  - Relevant Catchment Management Authorities
- **COMPLETED.** Biosis will undertake the 'Placement of Notification' (Public Notice) in the *Penrith Press*, on behalf of St Joseph's College, that must include details of the proponent, the project, the exact location, and statement of the purpose of the community consultation in preparation for possible test excavations. The Public Notice is also an invitation for Aboriginal people who hold relevant cultural knowledge about the study area. A closing date for the registration must be included and be no less than **14 days**. **Registrations closed on 19 February 2019**.
- **COMPLETED.** Aboriginal people or groups identified were provided with notification of the proposed project via Biosis and given the opportunity to be involved in consultation. **Registrations of interest closed on 21 February 2019**.
- A list of Aboriginal people or groups who registered an interest in the project will be forwarded to the OEH and Deerubbin LALC by Biosis no later than **28 days** following close of registration. This list

will not include those people or groups who specified that they did not want their details shared with OEH or the LALC.

- Biosis will provide details of the project and methodology for the archaeological assessment to the registered parties. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of **28 days** of the Biosis providing the methodology document.
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Aboriginal cultural survey

A further survey will be undertaken with a representative from a registered Aboriginal party in order to identify any further Aboriginal cultural heritage values not previously identified in the Due Diligence Assessment field survey. This survey will be undertaken in accordance with the requirements of the Should this survey identity areas of archaeological potential or cultural values, test excavations will be conducted in accordance with the requirements of the code. Further information on the methodology for test excavation and the areas of potential archaeological deposit within the study area is available in the project methodology.

Test excavations

Should the results of the survey indicate that there is an area of archaeological potential within the study area, Biosis will conduct test excavations in accordance with the requirements of the *Code of Practice for the Archaeological Investigation of Aboriginal Objects* (DECCW 2010b). Further information on the methodology for test excavation is available in the project methodology.

Reporting

A draft ACHA report and archaeological report will be prepared in accordance with the code and will include:

- Background and project description.

- A summary and analysis of the findings of the archaeological survey and test excavations (if applicable) including the presence and location of registered or undiscovered Aboriginal artefacts or heritage items within proximity of the study area.
- A summary of any other relevant studies or surveys which have relevance to the assessment area.
- A summary of the landscape features of the site which may indicate a history of Aboriginal activity.
- A summary of previous land use that may have affected the retention of intact Aboriginal archaeology in the landscape.
- The potential or likelihood for the proposed works to uncover or expose potential undiscovered Aboriginal objects.
- Survey results and, if undertaken, test excavation results.
- Legislative implications of the proposed works.
- Recommendations and justification for further assessment (if required).
- Mitigation measures (if any) required for the works to proceed.
- Mapping to show the location of registered and newly located (if any) Aboriginal sites in relation to the proposed works.

RAPs will be provided with the draft report for comment and allowed **28 days** for review.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the *Northern District Times* 6 February 2019. Notices sent to identified Aboriginal parties on 7 February 2019.
Aboriginal stakeholder registration period	Completed	Registration period ran from 6-21 February 2019.
Cultural survey	TBC	Following closure of consultation Stage 1
Archaeological test excavations with selected representatives of RAPs, if required	TBC	TBC
Information gathering	Continuous	Until finalisation of report.
Review of draft report	TBC	28 days review time allowed under OEH Aboriginal Community Consultation Guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs are expected to respond to requests for cultural information and comment on draft reporting, as appropriate in accordance with their role specified in the guidelines (DECCW 2010a, p. 16). Biosis and the proponent, in accordance with their role under the guidelines, will

consult with the Aboriginal community by supplying suitable project information and providing the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a, pp. 16-17).

Each section of the methodology will be undertaken in consultation with the Aboriginal stakeholders. Biosis invites Aboriginal stakeholders to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public then the Aboriginal stakeholder should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

References

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DECCW 2010c, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

27 February 2019

Amanda Hickey
Amanda Hickey Cultural Services
41 Dempsey Street
Emu Heights NSW 2750

Dear Amanda Hickey,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Project Methodology
Our Ref: 29211

This letter is being provided to all the Registered Aboriginal Parties (RAPs) who registered their interest in the consultation process for the St Joseph's College Physical Education and Sports Precinct Project being undertaken by St Joseph's College (Figure 1, Figure 2).

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements), we provide the proposed methodology for the Aboriginal Cultural Heritage Assessment (ACHA) for your review and feedback.

It would be appreciated if you could provide feedback on the methodology to Biosis Pty Ltd by **5pm on Wednesday 27 March 2019**, either by email or return mail.

Please address methodology feedback to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.



Kind regards,

Charlotte Allen
Archaeologist

Stage 3: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with the proposed methodology for the cultural heritage and archaeological assessment.

Biosis has been engaged by St Joseph's College to conduct an Aboriginal Cultural Heritage Assessment (ACHA), as part of an Environmental Impact Statement and to provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application.

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010b) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area. However, an Aboriginal Cultural Heritage Assessment is required to support the project State Significant Development application, including consultation with the Aboriginal community. As part of this consultation, an aboriginal cultural survey will be undertaken with a representative of the RAPs.

Assessment methodology

Aims of the survey

The principle aims of the survey are to:

- Undertake a systematic archaeological survey of the study area in accordance with the code, while targeting areas with the potential for Aboriginal heritage.
- Identify and record Aboriginal archaeological sites visible on the ground surface.
- Identify and record areas of potential archaeological deposit (PAD).

Survey methodology

The survey methods are intended to assess and understand the landforms and to determine whether any archaeological material from Aboriginal occupation or land use exists within the study area. Identification of natural soil deposits within the study area will be undertaken if possible. Photographs and recording techniques will be incorporated into the survey including representative photographs of survey units, landforms, vegetation coverage, ground surface visibility and the recording of soil information for each survey unit. Any Aboriginal objects observed during the survey will be documented and photographed. No artefacts discovered during the survey component are to be removed from the site.

Recording during the survey will follow the guidelines of the OEH, in particular the *Code of practice for archaeological investigation of Aboriginal objects in New South Wales* (DECCW 2010c) (the code).

Specific information that will be recorded during the survey includes:

- Aboriginal objects or sites present in the study area.
- Survey coverage.
- Survey effectiveness.
- Any resources that may have potentially been exploited by Aboriginal people.
- Landforms and general soil information.
- Photographs of the site indicating landforms.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees, shell middens or any other Aboriginal sites.

Distinguishing landform elements and their association with Aboriginal cultural heritage will assist with the identification of site patterning, though with the awareness of the following limitations:

- The degree of ground surface visibility (GSV) and amount of exposed areas can significantly bias the discovery of surface artefacts.
- Cultural material exposed on the surface is not necessarily representative of the potential extent of the site (either horizontally or vertically).

Information about the presence of potentially exploitable resources helps contribute to predictions of the Aboriginal sites that may occur within the study area. Information about GSV, DV and areas of exposures help to provide a general indication of the effectiveness of the survey for identifying Aboriginal cultural heritage exposed to the surface. Observable disturbances are also considered when assessing the integrity of known or potential sites in an area. The location of Aboriginal cultural heritage and points marking the boundary of the landform elements will be recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

Test excavation methodology

Should areas of archaeological potential or cultural values be identified during the cultural survey, test excavations will be conducted in accordance with the requirements of the code.

Aims of the sub-surface test excavations

The principle objectives of the subsurface test excavations would be to identify and understand the nature, extent and significance of any archaeological sites located within areas of archaeological potential.

The aims of the testing program would be to:

- Determine whether sub-surface archaeological deposits exist which may be impacted by the development.
- If so, to determine the extent and nature of such deposits.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, shell midden deposits, etc.) recovered during the testing program.

- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.

Test excavation sampling strategy

Test excavations across the study area would conform to the following methodology:

- Test excavations will be undertaken in areas identified as having the potential to contain Aboriginal cultural material.
- Test excavations will be conducted in 50 x 50 centimetre units.
- The test excavation units will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 – 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 x 50 centimetre test pit, additional 50 x 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 x 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 x 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m^2).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5mm sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.
- All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis (at Unit 14, 17-27 Power Avenue, Alexandria).
- The following documentation will be taken for the test pit:
    - Unique test pit identification number
    - GPS coordinate
    - Munsell soil colour, texture and pH
    - Amount and location of cultural material within the deposit
    - Nature of disturbance where present

- Stratigraphy
- Archaeological features (if present)
- Photographic records
- Spit records

- The test excavation unit must be backfilled as soon as practicable due to safety issues.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and OEH will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

*Enough information is defined by OEH as meaning "the sample of excavated material clearly and self-evidently demonstrates the deposit's nature and significance. This may include things like locally or regionally high object density: presence of rare or representative objects: presence of archaeological features: or locally or regionally significant deposits stratified or not." (DECCW 2010c).

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (Unit 14, 17-27 Power Avenue, Alexandria).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the code.

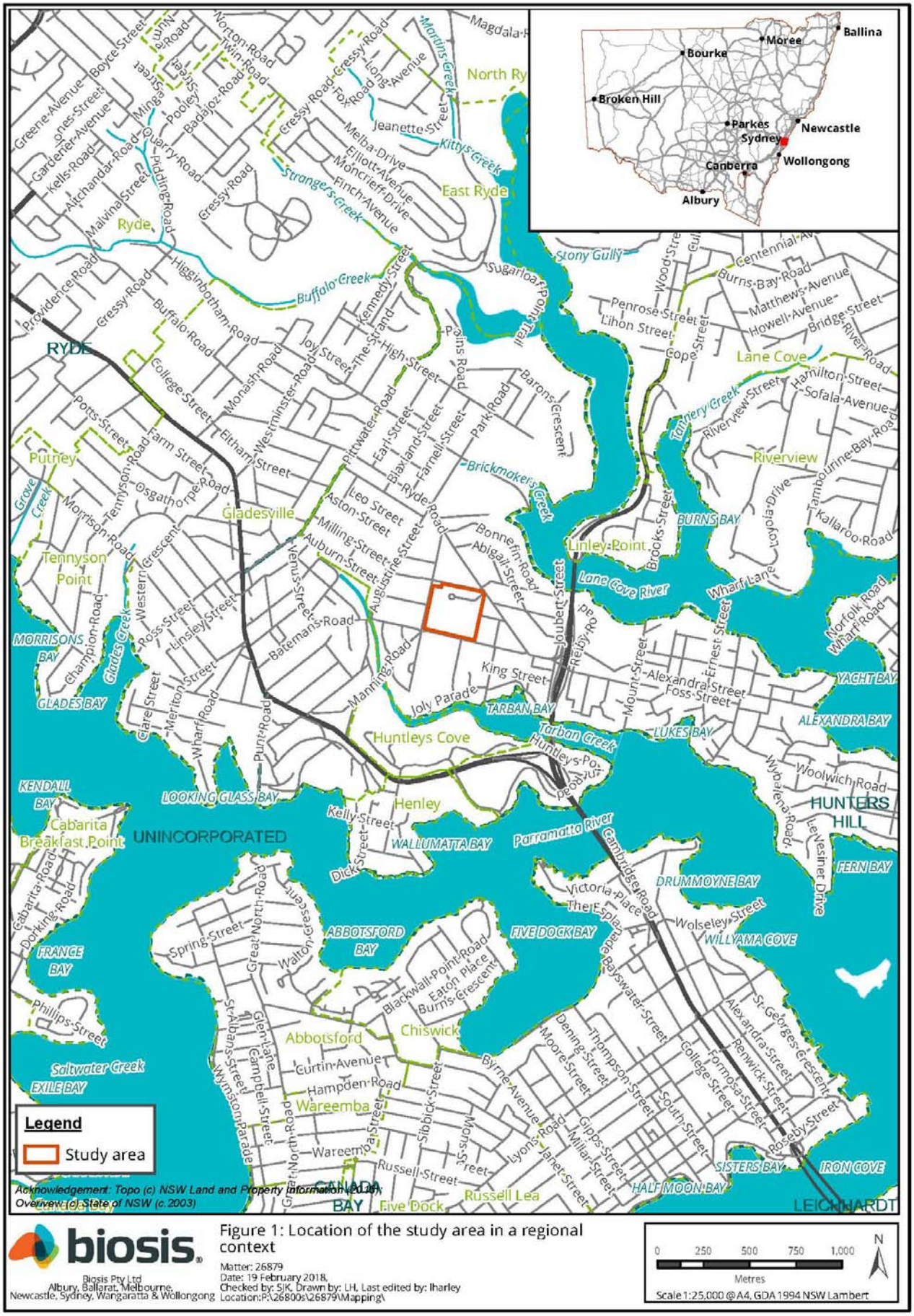
Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

References

DECCW 2010a, *Aboriginal cultural heritage consultation requirements for proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010c, *Code of practice for Archaeological Investigation of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

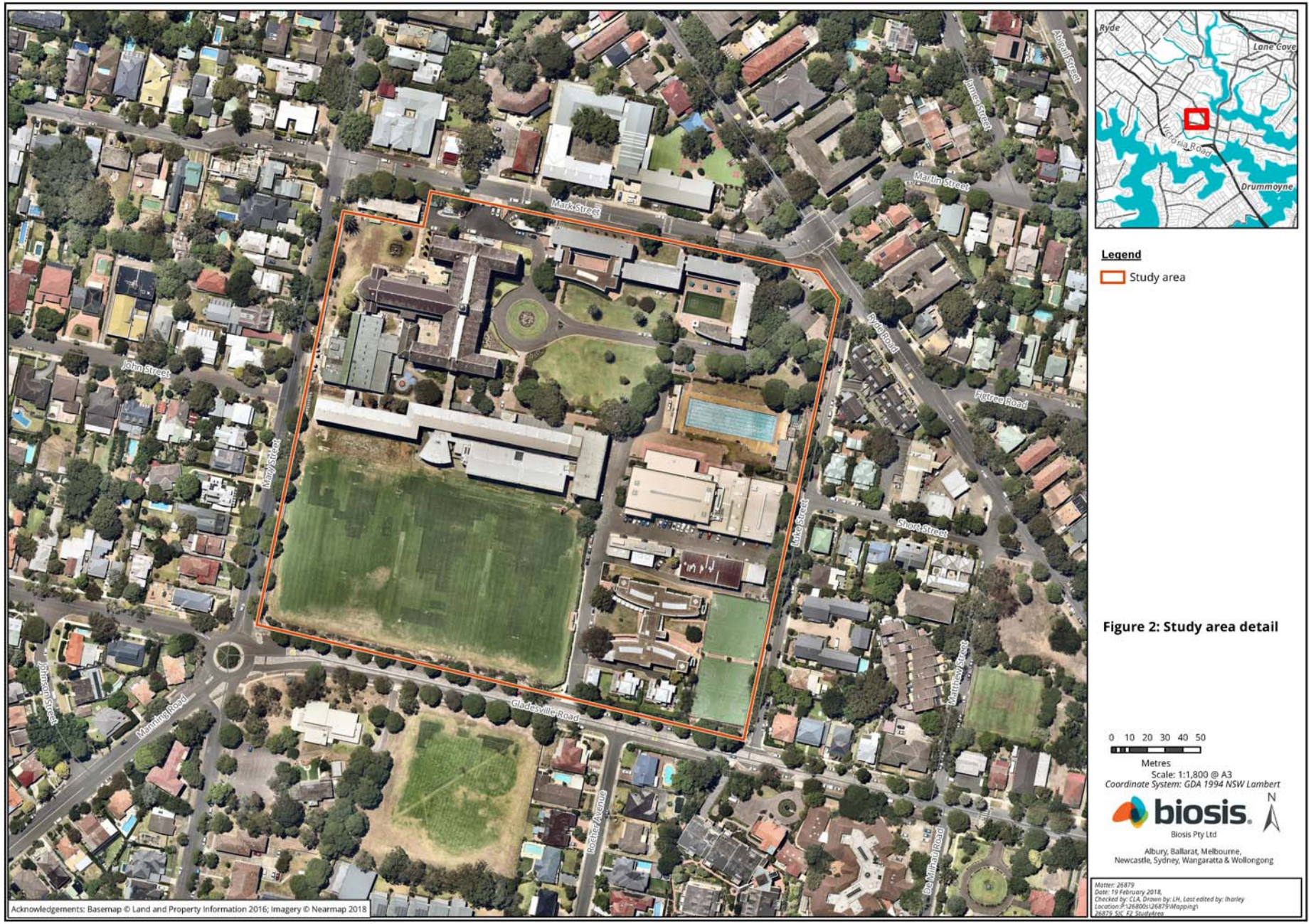


biosis

Biosis Pty Ltd
Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Figure 1: Location of the study area in a regional context

Matter: 26879
Date: 19 February 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping\



Legend

Study area

Figure 2: Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,800 @ A3

Coordinate System: GDA 1994 NSW Lambert

N

biosis

Biosis Pty Ltd

Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 26879
Date: 19 February 2018,
Checked by: CLA, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping
26879_SIC_F2_StudyArea

27 February 2019

Basil Smith
Goobah Developments
66 Grantham Road
Batehaven NSW 2536

Dear Basil Smith,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – project information
Our Ref: Matter 29211

Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW. This information has been provided in accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements).

In this letter you will find the project information pack, and attached to this correspondence is the following document:

- St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology

The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.

Please note that comments on the project methodology pack should be received before **4 pm Wednesday 27 March 2019**.

As this project will involve a field investigation and potentially test excavations, the purpose of the second letter is to invite your feedback on the proposed project information and methodology packs, and to assist the proponent in the programing of groups for participation in the test excavations which will be carried out within the study area, should they be required.

If you have any queries regarding the project or the information in this letter, please don't hesitate to contact us.

Yours sincerely



Charlotte Allen

Archaeologist
callen@biosis.com.au

Project information

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with information about the proposed project and the scope of the Aboriginal archaeology and cultural heritage investigations and assessment.

Study area

The study area is located within the Hunters Hill Local Government Area (LGA), Parish of Hunters Hill, County of Cumberland. It encompasses Lot 2, DP 527024 at Mark Street, Hunters Hill NSW (Figure 1 and Figure 2.

Project

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct. The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer.
  - Driveway entry to the PESPP (no new vehicular cross overs).
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site.
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

Biosis Pty Ltd is assisting St Joseph's College with consultation with the Aboriginal community and the Aboriginal Cultural Heritage Assessment. Consultation with the Aboriginal community will follow the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a). The purpose of the Aboriginal community consultation will be to provide sufficient information for the assessment of Aboriginal cultural heritage values and to inform the Aboriginal cultural heritage assessment (ACHA).

The ACHA will support an Environmental Impact Statement and provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*. The development of the school will be assessed as a SSD under Section 89(c) of the *Environmental Planning and Assessment Act 1979* and Schedule 1 of the State Environmental Planning Policy (State and Regional Development) 2011(SSD 8970).

Aboriginal Cultural Heritage Assessment process

The assessment process includes the following steps:

Background research

Background research has been undertaken in order to identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment area. Background research will be conducted in line with the requirements of the *Code of practice for the investigation of Aboriginal objects in New South Wales* (DECCW 2010b) ('the code'). Background research for the project included the following tasks:

- Conduct heritage register searches to identify previously recorded cultural heritage sites in or within the vicinity of the proposed study area. Searches will include the Aboriginal Heritage Information Management System (AHIMS), the National Heritage List, Commonwealth Heritage List, Register of the National Estate, State Heritage Register, Local Environmental Plan and National Trust heritage lists.
- Conduct additional background research in order to recognise any identifiable regional trends in site distribution and location and provide a site prediction model for the study area.
- Undertake a comprehensive survey of the study area, identifying any previously recorded sites (on AHIMS).
- Record and assess sites identified during the survey in compliance with the guidelines issued by the OEH.
- Assess the scientific significance of all identified Aboriginal cultural heritage sites and places.
- Identify impacts to all identified Aboriginal cultural heritage sites and places based on potential ground disturbance from the proposed realignment of the road.
- Make recommendations to minimise or mitigate potential impacts of the proposed realignment upon cultural heritage values within the study area.

Consultation with the Aboriginal community

This task will allow the Aboriginal community the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and input into management options.

Consultation with Aboriginal stakeholders under the DECCW 2010a consultation guidelines is being undertaken to assist St Joseph's College by:

- Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the study area.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects(s) and/or place(s) within the study area.
- Actively contributing to the development of cultural heritage management plan options and recommendations for any Aboriginal object(s) and/or place(s) within the proposed study area.
- Commenting on the draft assessment reports before they are submitted by the proponent to the determining authority of the proposed realignment.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- **COMPLETED.** Ascertaining the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the proposed study area. This would include writing to the following:
  - Office of Environment and Heritage (OEH)
  - Local Aboriginal Land Council (LALC)
  - Office of the Registrar (Aboriginal Land Rights Act 1983)
  - National Native Title Tribunal (NNTT)
  - Native Title Services Corporation Limited (NTSCORP Limited)
  - Relevant Local Councils
  - Relevant Catchment Management Authorities
- **COMPLETED.** Biosis will undertake the 'Placement of Notification' (Public Notice) in the *Penrith Press*, on behalf of St Joseph's College, that must include details of the proponent, the project, the exact location, and statement of the purpose of the community consultation in preparation for possible test excavations. The Public Notice is also an invitation for Aboriginal people who hold relevant cultural knowledge about the study area. A closing date for the registration must be included and be no less than **14 days**. **Registrations closed on 19 February 2019**.
- **COMPLETED.** Aboriginal people or groups identified were provided with notification of the proposed project via Biosis and given the opportunity to be involved in consultation. **Registrations of interest closed on 21 February 2019**.
- A list of Aboriginal people or groups who registered an interest in the project will be forwarded to the OEH and Deerubbin LALC by Biosis no later than **28 days** following close of registration. This list

will not include those people or groups who specified that they did not want their details shared with OEH or the LALC.

- Biosis will provide details of the project and methodology for the archaeological assessment to the registered parties. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of **28 days** of the Biosis providing the methodology document.
- Selected representatives of the RAPs will be given the opportunity to participate in test excavations within the study area, should they be required.
- The DRAFT ACHA and Archaeological Report will be provided to all RAPs for comment – the proponent must allow **28 days** for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an Appendix.

Field Survey

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010c) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area.

There are several registered Aboriginal sites in the vicinity of the study area. However, it was not possible to access or relocate these sites. These sites were not relocated during the survey. This task assisted in the assessment of disturbance and aided predictive modelling for areas of potential archaeological deposit, and an assessment of whether the proposed excavation works are likely to impact on undiscovered Aboriginal artefacts.

Aboriginal cultural survey

A further survey will be undertaken with a representative from a registered Aboriginal party in order to identify any further Aboriginal cultural heritage values not previously identified in the Due Diligence Assessment field survey. This survey will be undertaken in accordance with the requirements of the Should this survey identity areas of archaeological potential or cultural values, test excavations will be conducted in accordance with the requirements of the code. Further information on the methodology for test excavation and the areas of potential archaeological deposit within the study area is available in the project methodology.

Test excavations

Should the results of the survey indicate that there is an area of archaeological potential within the study area, Biosis will conduct test excavations in accordance with the requirements of the *Code of Practice for the Archaeological Investigation of Aboriginal Objects* (DECCW 2010b). Further information on the methodology for test excavation is available in the project methodology.

Reporting

A draft ACHA report and archaeological report will be prepared in accordance with the code and will include:

- Background and project description.

- A summary and analysis of the findings of the archaeological survey and test excavations (if applicable) including the presence and location of registered or undiscovered Aboriginal artefacts or heritage items within proximity of the study area.
- A summary of any other relevant studies or surveys which have relevance to the assessment area.
- A summary of the landscape features of the site which may indicate a history of Aboriginal activity.
- A summary of previous land use that may have affected the retention of intact Aboriginal archaeology in the landscape.
- The potential or likelihood for the proposed works to uncover or expose potential undiscovered Aboriginal objects.
- Survey results and, if undertaken, test excavation results.
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- Recommendations and justification for further assessment (if required).
- Mitigation measures (if any) required for the works to proceed.
- Mapping to show the location of registered and newly located (if any) Aboriginal sites in relation to the proposed works.

RAPs will be provided with the draft report for comment and allowed **28 days** for review.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the *Northern District Times* 6 February 2019. Notices sent to identified Aboriginal parties on 7 February 2019.
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Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs are expected to respond to requests for cultural information and comment on draft reporting, as appropriate in accordance with their role specified in the guidelines (DECCW 2010a, p. 16). Biosis and the proponent, in accordance with their role under the guidelines, will

consult with the Aboriginal community by supplying suitable project information and providing the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a, pp. 16-17).

Each section of the methodology will be undertaken in consultation with the Aboriginal stakeholders. Biosis invites Aboriginal stakeholders to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public then the Aboriginal stakeholder should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

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27 February 2019

Basil Smith
Goobah Developments
66 Grantham Road
Batehaven NSW 2536

Dear Basil Smith,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Project Methodology
Our Ref: 29211

This letter is being provided to all the Registered Aboriginal Parties (RAPs) who registered their interest in the consultation process for the St Joseph's College Physical Education and Sports Precinct Project being undertaken by St Joseph's College (Figure 1, Figure 2).

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements), we provide the proposed methodology for the Aboriginal Cultural Heritage Assessment (ACHA) for your review and feedback.

It would be appreciated if you could provide feedback on the methodology to Biosis Pty Ltd by **5pm on Wednesday 27 March 2019**, either by email or return mail.

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Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.



Kind regards,

Charlotte Allen
Archaeologist

Stage 3: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology

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- Undertake a systematic archaeological survey of the study area in accordance with the code, while targeting areas with the potential for Aboriginal heritage.
- Identify and record Aboriginal archaeological sites visible on the ground surface.
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Survey methodology

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Recording during the survey will follow the guidelines of the OEH, in particular the *Code of practice for archaeological investigation of Aboriginal objects in New South Wales* (DECCW 2010c) (the code).

Specific information that will be recorded during the survey includes:

- Aboriginal objects or sites present in the study area.
- Survey coverage.
- Survey effectiveness.
- Any resources that may have potentially been exploited by Aboriginal people.
- Landforms and general soil information.
- Photographs of the site indicating landforms.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees, shell middens or any other Aboriginal sites.

Distinguishing landform elements and their association with Aboriginal cultural heritage will assist with the identification of site patterning, though with the awareness of the following limitations:

- The degree of ground surface visibility (GSV) and amount of exposed areas can significantly bias the discovery of surface artefacts.
- Cultural material exposed on the surface is not necessarily representative of the potential extent of the site (either horizontally or vertically).

Information about the presence of potentially exploitable resources helps contribute to predictions of the Aboriginal sites that may occur within the study area. Information about GSV, DV and areas of exposures help to provide a general indication of the effectiveness of the survey for identifying Aboriginal cultural heritage exposed to the surface. Observable disturbances are also considered when assessing the integrity of known or potential sites in an area. The location of Aboriginal cultural heritage and points marking the boundary of the landform elements will be recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

Test excavation methodology

Should areas of archaeological potential or cultural values be identified during the cultural survey, test excavations will be conducted in accordance with the requirements of the code.

Aims of the sub-surface test excavations

The principle objectives of the subsurface test excavations would be to identify and understand the nature, extent and significance of any archaeological sites located within areas of archaeological potential.

The aims of the testing program would be to:

- Determine whether sub-surface archaeological deposits exist which may be impacted by the development.
- If so, to determine the extent and nature of such deposits.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, shell midden deposits, etc.) recovered during the testing program.

- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.

Test excavation sampling strategy

Test excavations across the study area would conform to the following methodology:

- Test excavations will be undertaken in areas identified as having the potential to contain Aboriginal cultural material.
- Test excavations will be conducted in 50 x 50 centimetre units.
- The test excavation units will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 – 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 x 50 centimetre test pit, additional 50 x 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 x 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 x 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m^2).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5mm sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.
- All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis (at Unit 14, 17-27 Power Avenue, Alexandria).
- The following documentation will be taken for the test pit:
    - Unique test pit identification number
    - GPS coordinate
    - Munsell soil colour, texture and pH
    - Amount and location of cultural material within the deposit
    - Nature of disturbance where present

- Stratigraphy
- Archaeological features (if present)
- Photographic records
- Spit records

- The test excavation unit must be backfilled as soon as practicable due to safety issues.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and OEH will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

*Enough information is defined by OEH as meaning "the sample of excavated material clearly and self-evidently demonstrates the deposit's nature and significance. This may include things like locally or regionally high object density: presence of rare or representative objects: presence of archaeological features: or locally or regionally significant deposits stratified or not." (DECCW 2010c).

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (Unit 14, 17-27 Power Avenue, Alexandria).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the code.

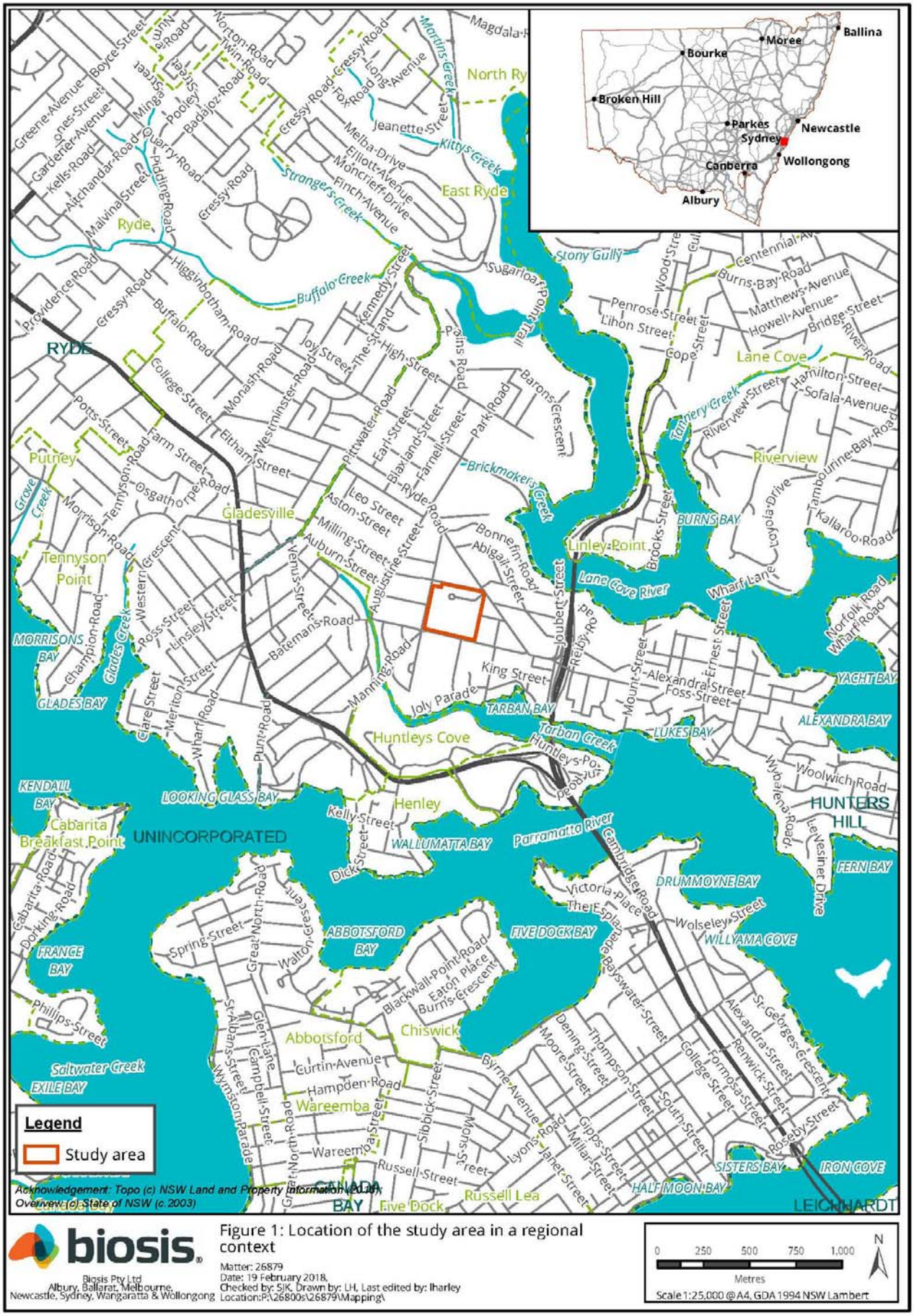
Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

References

DECCW 2010a, *Aboriginal cultural heritage consultation requirements for proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

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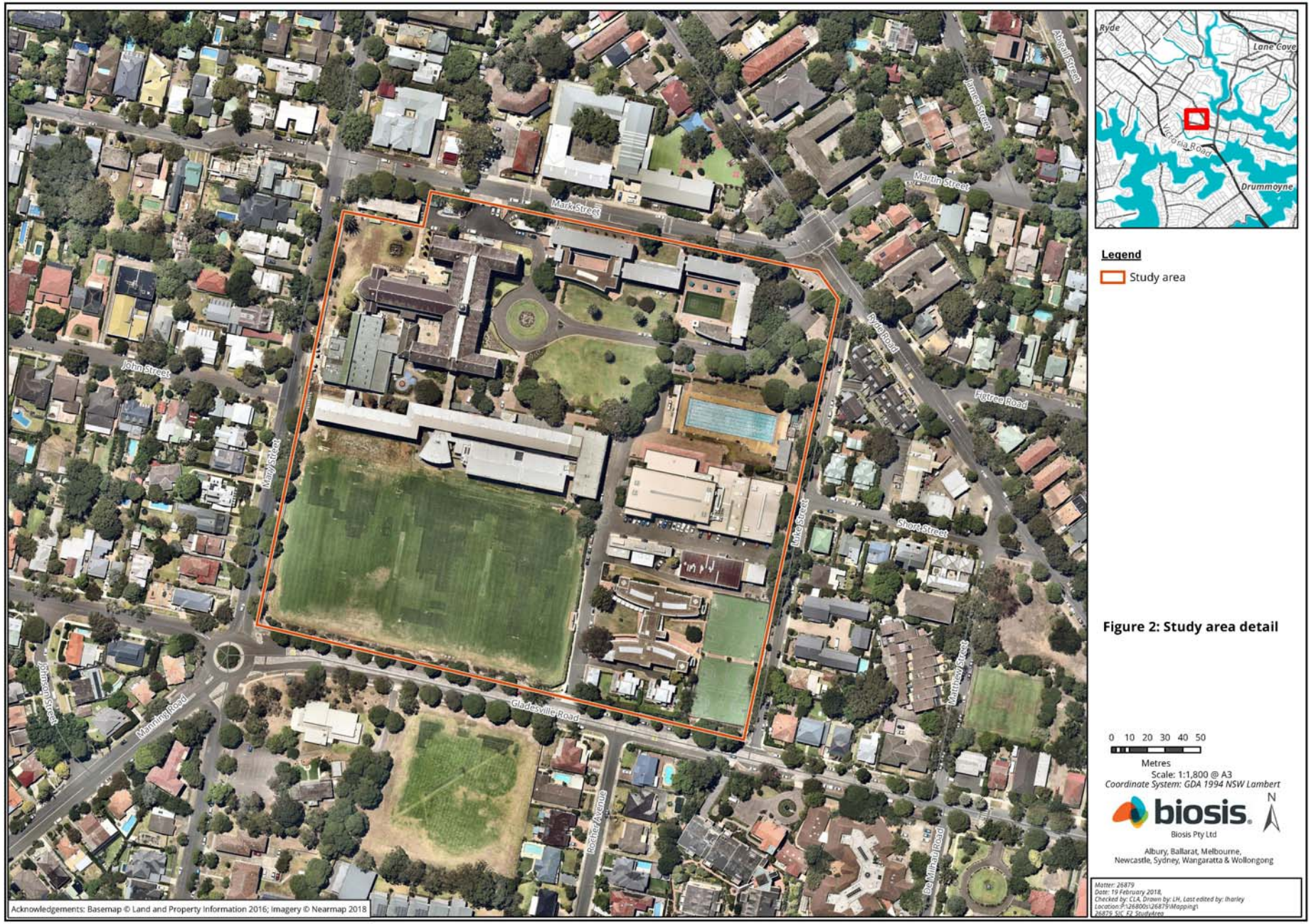


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Figure 1: Location of the study area in a regional context

Matter: 26879
Date: 19 February 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping\



Legend

Study area

Figure 2: Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,800 @ A3

Coordinate System: GDA 1994 NSW Lambert

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Matter: 26879
Date: 19 February 2018,
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Location:P:\26800s\26879\Mapping
26879_SIC_F2_StudyArea

27 February 2019

Gordon Workman
Darug Boorooberongal Elders
73 Judith Anderson Drive
Doonside NSW 2767

Dear Gordon Workman ,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – project information
Our Ref: Matter 29211

Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW. This information has been provided in accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements).

In this letter you will find the project information pack, and attached to this correspondence is the following document:

- St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology

The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.

Please note that comments on the project methodology pack should be received before **4 pm Wednesday 27 March 2019**.

As this project will involve a field investigation and potentially test excavations, the purpose of the second letter is to invite your feedback on the proposed project information and methodology packs, and to assist the proponent in the programing of groups for participation in the test excavations which will be carried out within the study area, should they be required.

If you have any queries regarding the project or the information in this letter, please don't hesitate to contact us.

Yours sincerely



Charlotte Allen

Archaeologist
callen@biosis.com.au

Project information

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with information about the proposed project and the scope of the Aboriginal archaeology and cultural heritage investigations and assessment.

Study area

The study area is located within the Hunters Hill Local Government Area (LGA), Parish of Hunters Hill, County of Cumberland. It encompasses Lot 2, DP 527024 at Mark Street, Hunters Hill NSW (Figure 1 and Figure 2.

Project

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct. The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer.
  - Driveway entry to the PESPP (no new vehicular cross overs).
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site.
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

Biosis Pty Ltd is assisting St Joseph's College with consultation with the Aboriginal community and the Aboriginal Cultural Heritage Assessment. Consultation with the Aboriginal community will follow the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a). The purpose of the Aboriginal community consultation will be to provide sufficient information for the assessment of Aboriginal cultural heritage values and to inform the Aboriginal cultural heritage assessment (ACHA).

The ACHA will support an Environmental Impact Statement and provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*. The development of the school will be assessed as a SSD under Section 89(c) of the *Environmental Planning and Assessment Act 1979* and Schedule 1 of the State Environmental Planning Policy (State and Regional Development) 2011(SSD 8970).

Aboriginal Cultural Heritage Assessment process

The assessment process includes the following steps:

Background research

Background research has been undertaken in order to identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment area. Background research will be conducted in line with the requirements of the *Code of practice for the investigation of Aboriginal objects in New South Wales* (DECCW 2010b) ('the code'). Background research for the project included the following tasks:

- Conduct heritage register searches to identify previously recorded cultural heritage sites in or within the vicinity of the proposed study area. Searches will include the Aboriginal Heritage Information Management System (AHIMS), the National Heritage List, Commonwealth Heritage List, Register of the National Estate, State Heritage Register, Local Environmental Plan and National Trust heritage lists.
- Conduct additional background research in order to recognise any identifiable regional trends in site distribution and location and provide a site prediction model for the study area.
- Undertake a comprehensive survey of the study area, identifying any previously recorded sites (on AHIMS).
- Record and assess sites identified during the survey in compliance with the guidelines issued by the OEH.
- Assess the scientific significance of all identified Aboriginal cultural heritage sites and places.
- Identify impacts to all identified Aboriginal cultural heritage sites and places based on potential ground disturbance from the proposed realignment of the road.
- Make recommendations to minimise or mitigate potential impacts of the proposed realignment upon cultural heritage values within the study area.

Consultation with the Aboriginal community

This task will allow the Aboriginal community the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and input into management options.

Consultation with Aboriginal stakeholders under the DECCW 2010a consultation guidelines is being undertaken to assist St Joseph's College by:

- Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the study area.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects(s) and/or place(s) within the study area.
- Actively contributing to the development of cultural heritage management plan options and recommendations for any Aboriginal object(s) and/or place(s) within the proposed study area.
- Commenting on the draft assessment reports before they are submitted by the proponent to the determining authority of the proposed realignment.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- **COMPLETED.** Ascertaining the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the proposed study area. This would include writing to the following:
  - Office of Environment and Heritage (OEH)
  - Local Aboriginal Land Council (LALC)
  - Office of the Registrar (Aboriginal Land Rights Act 1983)
  - National Native Title Tribunal (NNTT)
  - Native Title Services Corporation Limited (NTSCORP Limited)
  - Relevant Local Councils
  - Relevant Catchment Management Authorities
- **COMPLETED.** Biosis will undertake the 'Placement of Notification' (Public Notice) in the *Penrith Press*, on behalf of St Joseph's College, that must include details of the proponent, the project, the exact location, and statement of the purpose of the community consultation in preparation for possible test excavations. The Public Notice is also an invitation for Aboriginal people who hold relevant cultural knowledge about the study area. A closing date for the registration must be included and be no less than **14 days**. **Registrations closed on 19 February 2019**.
- **COMPLETED.** Aboriginal people or groups identified were provided with notification of the proposed project via Biosis and given the opportunity to be involved in consultation. **Registrations of interest closed on 21 February 2019**.
- A list of Aboriginal people or groups who registered an interest in the project will be forwarded to the OEH and Deerubbin LALC by Biosis no later than **28 days** following close of registration. This list

will not include those people or groups who specified that they did not want their details shared with OEH or the LALC.

- Biosis will provide details of the project and methodology for the archaeological assessment to the registered parties. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of **28 days** of the Biosis providing the methodology document.
- Selected representatives of the RAPs will be given the opportunity to participate in test excavations within the study area, should they be required.
- The DRAFT ACHA and Archaeological Report will be provided to all RAPs for comment – the proponent must allow **28 days** for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an Appendix.

Field Survey

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010c) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area.

There are several registered Aboriginal sites in the vicinity of the study area. However, it was not possible to access or relocate these sites. These sites were not relocated during the survey. This task assisted in the assessment of disturbance and aided predictive modelling for areas of potential archaeological deposit, and an assessment of whether the proposed excavation works are likely to impact on undiscovered Aboriginal artefacts.

Aboriginal cultural survey

A further survey will be undertaken with a representative from a registered Aboriginal party in order to identify any further Aboriginal cultural heritage values not previously identified in the Due Diligence Assessment field survey. This survey will be undertaken in accordance with the requirements of the Should this survey identity areas of archaeological potential or cultural values, test excavations will be conducted in accordance with the requirements of the code. Further information on the methodology for test excavation and the areas of potential archaeological deposit within the study area is available in the project methodology.

Test excavations

Should the results of the survey indicate that there is an area of archaeological potential within the study area, Biosis will conduct test excavations in accordance with the requirements of the *Code of Practice for the Archaeological Investigation of Aboriginal Objects* (DECCW 2010b). Further information on the methodology for test excavation is available in the project methodology.

Reporting

A draft ACHA report and archaeological report will be prepared in accordance with the code and will include:

- Background and project description.

- A summary and analysis of the findings of the archaeological survey and test excavations (if applicable) including the presence and location of registered or undiscovered Aboriginal artefacts or heritage items within proximity of the study area.
- A summary of any other relevant studies or surveys which have relevance to the assessment area.
- A summary of the landscape features of the site which may indicate a history of Aboriginal activity.
- A summary of previous land use that may have affected the retention of intact Aboriginal archaeology in the landscape.
- The potential or likelihood for the proposed works to uncover or expose potential undiscovered Aboriginal objects.
- Survey results and, if undertaken, test excavation results.
- Legislative implications of the proposed works.
- Recommendations and justification for further assessment (if required).
- Mitigation measures (if any) required for the works to proceed.
- Mapping to show the location of registered and newly located (if any) Aboriginal sites in relation to the proposed works.

RAPs will be provided with the draft report for comment and allowed **28 days** for review.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the *Northern District Times* 6 February 2019. Notices sent to identified Aboriginal parties on 7 February 2019.
Aboriginal stakeholder registration period	Completed	Registration period ran from 6-21 February 2019.
Cultural survey	TBC	Following closure of consultation Stage 1
Archaeological test excavations with selected representatives of RAPs, if required	TBC	TBC
Information gathering	Continuous	Until finalisation of report.
Review of draft report	TBC	28 days review time allowed under OEH Aboriginal Community Consultation Guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs are expected to respond to requests for cultural information and comment on draft reporting, as appropriate in accordance with their role specified in the guidelines (DECCW 2010a, p. 16). Biosis and the proponent, in accordance with their role under the guidelines, will

consult with the Aboriginal community by supplying suitable project information and providing the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a, pp. 16-17).

Each section of the methodology will be undertaken in consultation with the Aboriginal stakeholders. Biosis invites Aboriginal stakeholders to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public then the Aboriginal stakeholder should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

References

DECCW 2010a, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010c, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

27 February 2019

Gordon Workman
Darug Boorooberongal Elders
73 Judith Anderson Drive
Doonside NSW 2767

Dear Gordon Workman ,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Project Methodology
Our Ref: 29211

This letter is being provided to all the Registered Aboriginal Parties (RAPs) who registered their interest in the consultation process for the St Joseph's College Physical Education and Sports Precinct Project being undertaken by St Joseph's College (Figure 1, Figure 2).

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements), we provide the proposed methodology for the Aboriginal Cultural Heritage Assessment (ACHA) for your review and feedback.

It would be appreciated if you could provide feedback on the methodology to Biosis Pty Ltd by **5pm on Wednesday 27 March 2019**, either by email or return mail.

Please address methodology feedback to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.



Kind regards,

Charlotte Allen
Archaeologist

Stage 3: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with the proposed methodology for the cultural heritage and archaeological assessment.

Biosis has been engaged by St Joseph's College to conduct an Aboriginal Cultural Heritage Assessment (ACHA), as part of an Environmental Impact Statement and to provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application.

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010b) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area. However, an Aboriginal Cultural Heritage Assessment is required to support the project State Significant Development application, including consultation with the Aboriginal community. As part of this consultation, an aboriginal cultural survey will be undertaken with a representative of the RAPs.

Assessment methodology

Aims of the survey

The principle aims of the survey are to:

- Undertake a systematic archaeological survey of the study area in accordance with the code, while targeting areas with the potential for Aboriginal heritage.
- Identify and record Aboriginal archaeological sites visible on the ground surface.
- Identify and record areas of potential archaeological deposit (PAD).

Survey methodology

The survey methods are intended to assess and understand the landforms and to determine whether any archaeological material from Aboriginal occupation or land use exists within the study area. Identification of natural soil deposits within the study area will be undertaken if possible. Photographs and recording techniques will be incorporated into the survey including representative photographs of survey units, landforms, vegetation coverage, ground surface visibility and the recording of soil information for each survey unit. Any Aboriginal objects observed during the survey will be documented and photographed. No artefacts discovered during the survey component are to be removed from the site.

Recording during the survey will follow the guidelines of the OEH, in particular the *Code of practice for archaeological investigation of Aboriginal objects in New South Wales* (DECCW 2010c) (the code).

Specific information that will be recorded during the survey includes:

- Aboriginal objects or sites present in the study area.
- Survey coverage.
- Survey effectiveness.
- Any resources that may have potentially been exploited by Aboriginal people.
- Landforms and general soil information.
- Photographs of the site indicating landforms.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees, shell middens or any other Aboriginal sites.

Distinguishing landform elements and their association with Aboriginal cultural heritage will assist with the identification of site patterning, though with the awareness of the following limitations:

- The degree of ground surface visibility (GSV) and amount of exposed areas can significantly bias the discovery of surface artefacts.
- Cultural material exposed on the surface is not necessarily representative of the potential extent of the site (either horizontally or vertically).

Information about the presence of potentially exploitable resources helps contribute to predictions of the Aboriginal sites that may occur within the study area. Information about GSV, DV and areas of exposures help to provide a general indication of the effectiveness of the survey for identifying Aboriginal cultural heritage exposed to the surface. Observable disturbances are also considered when assessing the integrity of known or potential sites in an area. The location of Aboriginal cultural heritage and points marking the boundary of the landform elements will be recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

Test excavation methodology

Should areas of archaeological potential or cultural values be identified during the cultural survey, test excavations will be conducted in accordance with the requirements of the code.

Aims of the sub-surface test excavations

The principle objectives of the subsurface test excavations would be to identify and understand the nature, extent and significance of any archaeological sites located within areas of archaeological potential.

The aims of the testing program would be to:

- Determine whether sub-surface archaeological deposits exist which may be impacted by the development.
- If so, to determine the extent and nature of such deposits.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, shell midden deposits, etc.) recovered during the testing program.

- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.

Test excavation sampling strategy

Test excavations across the study area would conform to the following methodology:

- Test excavations will be undertaken in areas identified as having the potential to contain Aboriginal cultural material.
- Test excavations will be conducted in 50 x 50 centimetre units.
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    - Amount and location of cultural material within the deposit
    - Nature of disturbance where present

- Stratigraphy
- Archaeological features (if present)
- Photographic records
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Storage of cultural material

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Once the cultural material has been analysed, the cultural material can be managed in the following manners:

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- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the code.

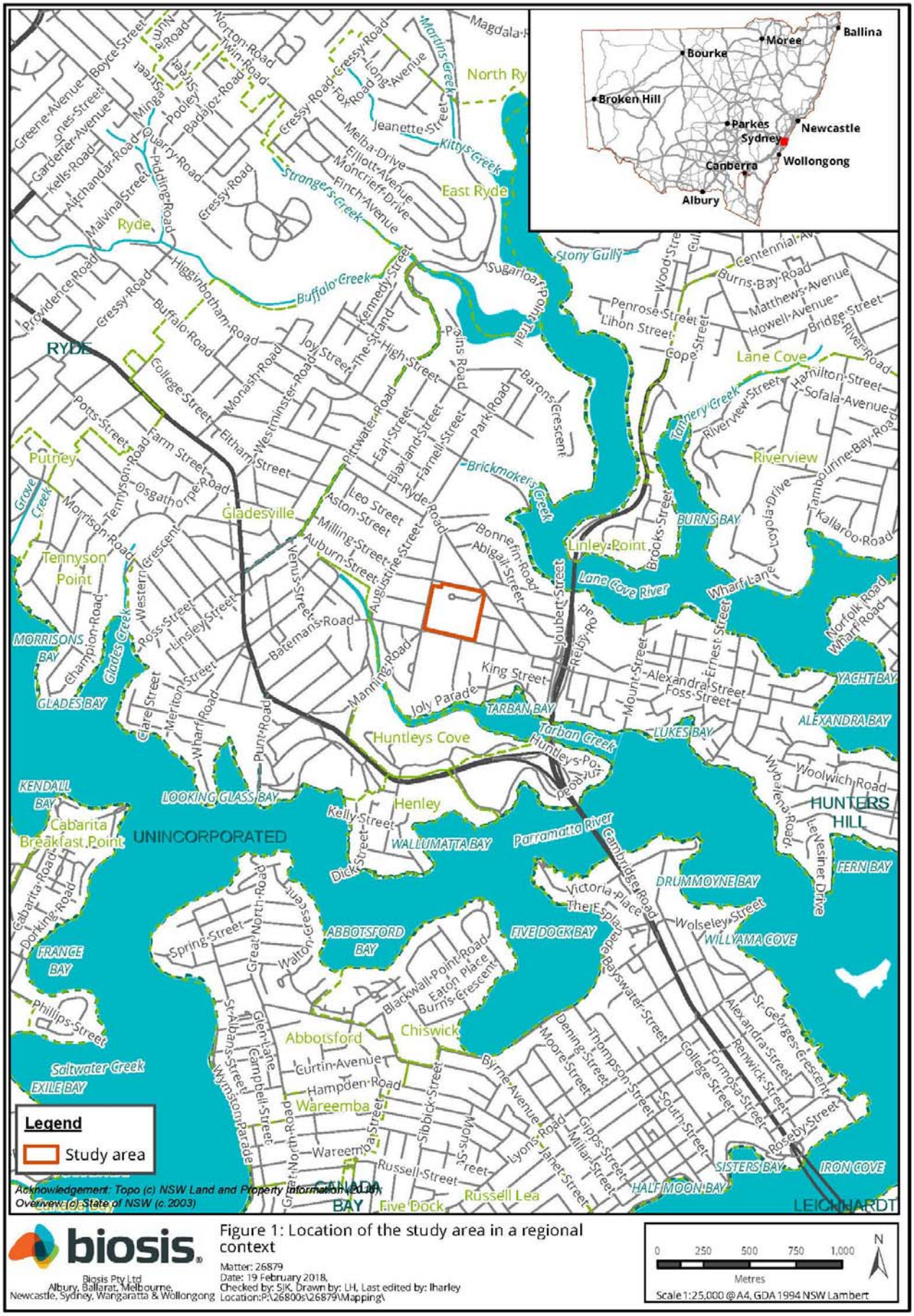
Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

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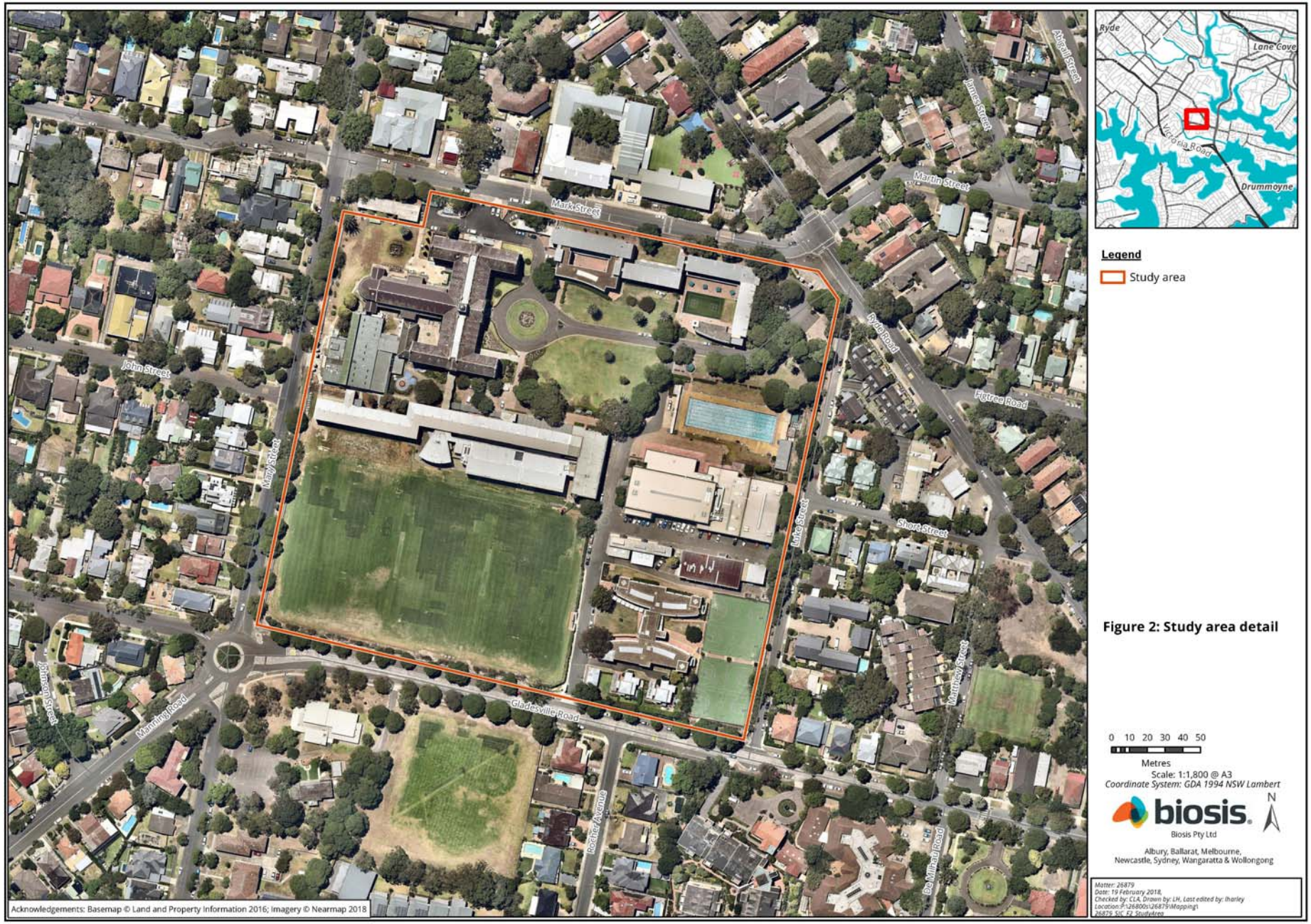


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Newcastle, Sydney, Wangaratta & Wollongong

Figure 1: Location of the study area in a regional context

Matter: 26879
Date: 19 February 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping\



Legend

Study area

Figure 2: Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,800 @ A3

Coordinate System: GDA 1994 NSW Lambert

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Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 26879
Date: 19 February 2018,
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Location:P:\26800s\26879\Mapping
26879_SIC_F2_StudyArea

27 February 2019

Scott Franks
Tocomwall
PO Box 76
Caringbah NSW 1495

Dear Scott Franks,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – project information
Our Ref: Matter 29211

Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW. This information has been provided in accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements).

In this letter you will find the project information pack, and attached to this correspondence is the following document:

- St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology

The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.

Please note that comments on the project methodology pack should be received before **4 pm Wednesday 27 March 2019**.

As this project will involve a field investigation and potentially test excavations, the purpose of the second letter is to invite your feedback on the proposed project information and methodology packs, and to assist the proponent in the programing of groups for participation in the test excavations which will be carried out within the study area, should they be required.

If you have any queries regarding the project or the information in this letter, please don't hesitate to contact us.

Yours sincerely



Charlotte Allen

Archaeologist
callen@biosis.com.au

Project information

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with information about the proposed project and the scope of the Aboriginal archaeology and cultural heritage investigations and assessment.

Study area

The study area is located within the Hunters Hill Local Government Area (LGA), Parish of Hunters Hill, County of Cumberland. It encompasses Lot 2, DP 527024 at Mark Street, Hunters Hill NSW (Figure 1 and Figure 2.

Project

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct. The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
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Biosis Pty Ltd is assisting St Joseph's College with consultation with the Aboriginal community and the Aboriginal Cultural Heritage Assessment. Consultation with the Aboriginal community will follow the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a). The purpose of the Aboriginal community consultation will be to provide sufficient information for the assessment of Aboriginal cultural heritage values and to inform the Aboriginal cultural heritage assessment (ACHA).

The ACHA will support an Environmental Impact Statement and provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*. The development of the school will be assessed as a SSD under Section 89(c) of the *Environmental Planning and Assessment Act 1979* and Schedule 1 of the State Environmental Planning Policy (State and Regional Development) 2011(SSD 8970).

Aboriginal Cultural Heritage Assessment process

The assessment process includes the following steps:

Background research

Background research has been undertaken in order to identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment area. Background research will be conducted in line with the requirements of the *Code of practice for the investigation of Aboriginal objects in New South Wales* (DECCW 2010b) ('the code'). Background research for the project included the following tasks:

- Conduct heritage register searches to identify previously recorded cultural heritage sites in or within the vicinity of the proposed study area. Searches will include the Aboriginal Heritage Information Management System (AHIMS), the National Heritage List, Commonwealth Heritage List, Register of the National Estate, State Heritage Register, Local Environmental Plan and National Trust heritage lists.
- Conduct additional background research in order to recognise any identifiable regional trends in site distribution and location and provide a site prediction model for the study area.
- Undertake a comprehensive survey of the study area, identifying any previously recorded sites (on AHIMS).
- Record and assess sites identified during the survey in compliance with the guidelines issued by the OEH.
- Assess the scientific significance of all identified Aboriginal cultural heritage sites and places.
- Identify impacts to all identified Aboriginal cultural heritage sites and places based on potential ground disturbance from the proposed realignment of the road.
- Make recommendations to minimise or mitigate potential impacts of the proposed realignment upon cultural heritage values within the study area.

Consultation with the Aboriginal community

This task will allow the Aboriginal community the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and input into management options.

Consultation with Aboriginal stakeholders under the DECCW 2010a consultation guidelines is being undertaken to assist St Joseph's College by:

- Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the study area.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects(s) and/or place(s) within the study area.
- Actively contributing to the development of cultural heritage management plan options and recommendations for any Aboriginal object(s) and/or place(s) within the proposed study area.
- Commenting on the draft assessment reports before they are submitted by the proponent to the determining authority of the proposed realignment.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- **COMPLETED.** Ascertaining the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the proposed study area. This would include writing to the following:
  - Office of Environment and Heritage (OEH)
  - Local Aboriginal Land Council (LALC)
  - Office of the Registrar (Aboriginal Land Rights Act 1983)
  - National Native Title Tribunal (NNTT)
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- **COMPLETED.** Biosis will undertake the 'Placement of Notification' (Public Notice) in the *Penrith Press*, on behalf of St Joseph's College, that must include details of the proponent, the project, the exact location, and statement of the purpose of the community consultation in preparation for possible test excavations. The Public Notice is also an invitation for Aboriginal people who hold relevant cultural knowledge about the study area. A closing date for the registration must be included and be no less than **14 days**. **Registrations closed on 19 February 2019**.
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- A list of Aboriginal people or groups who registered an interest in the project will be forwarded to the OEH and Deerubbin LALC by Biosis no later than **28 days** following close of registration. This list

will not include those people or groups who specified that they did not want their details shared with OEH or the LALC.

- Biosis will provide details of the project and methodology for the archaeological assessment to the registered parties. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of **28 days** of the Biosis providing the methodology document.
- Selected representatives of the RAPs will be given the opportunity to participate in test excavations within the study area, should they be required.
- The DRAFT ACHA and Archaeological Report will be provided to all RAPs for comment – the proponent must allow **28 days** for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an Appendix.

Field Survey

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010c) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area.

There are several registered Aboriginal sites in the vicinity of the study area. However, it was not possible to access or relocate these sites. These sites were not relocated during the survey. This task assisted in the assessment of disturbance and aided predictive modelling for areas of potential archaeological deposit, and an assessment of whether the proposed excavation works are likely to impact on undiscovered Aboriginal artefacts.

Aboriginal cultural survey

A further survey will be undertaken with a representative from a registered Aboriginal party in order to identify any further Aboriginal cultural heritage values not previously identified in the Due Diligence Assessment field survey. This survey will be undertaken in accordance with the requirements of the Should this survey identity areas of archaeological potential or cultural values, test excavations will be conducted in accordance with the requirements of the code. Further information on the methodology for test excavation and the areas of potential archaeological deposit within the study area is available in the project methodology.

Test excavations

Should the results of the survey indicate that there is an area of archaeological potential within the study area, Biosis will conduct test excavations in accordance with the requirements of the *Code of Practice for the Archaeological Investigation of Aboriginal Objects* (DECCW 2010b). Further information on the methodology for test excavation is available in the project methodology.

Reporting

A draft ACHA report and archaeological report will be prepared in accordance with the code and will include:

- Background and project description.

- A summary and analysis of the findings of the archaeological survey and test excavations (if applicable) including the presence and location of registered or undiscovered Aboriginal artefacts or heritage items within proximity of the study area.
- A summary of any other relevant studies or surveys which have relevance to the assessment area.
- A summary of the landscape features of the site which may indicate a history of Aboriginal activity.
- A summary of previous land use that may have affected the retention of intact Aboriginal archaeology in the landscape.
- The potential or likelihood for the proposed works to uncover or expose potential undiscovered Aboriginal objects.
- Survey results and, if undertaken, test excavation results.
- Legislative implications of the proposed works.
- Recommendations and justification for further assessment (if required).
- Mitigation measures (if any) required for the works to proceed.
- Mapping to show the location of registered and newly located (if any) Aboriginal sites in relation to the proposed works.

RAPs will be provided with the draft report for comment and allowed **28 days** for review.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the *Northern District Times* 6 February 2019. Notices sent to identified Aboriginal parties on 7 February 2019.
Aboriginal stakeholder registration period	Completed	Registration period ran from 6-21 February 2019.
Cultural survey	TBC	Following closure of consultation Stage 1
Archaeological test excavations with selected representatives of RAPs, if required	TBC	TBC
Information gathering	Continuous	Until finalisation of report.
Review of draft report	TBC	28 days review time allowed under OEH Aboriginal Community Consultation Guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs are expected to respond to requests for cultural information and comment on draft reporting, as appropriate in accordance with their role specified in the guidelines (DECCW 2010a, p. 16). Biosis and the proponent, in accordance with their role under the guidelines, will

consult with the Aboriginal community by supplying suitable project information and providing the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a, pp. 16-17).

Each section of the methodology will be undertaken in consultation with the Aboriginal stakeholders. Biosis invites Aboriginal stakeholders to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public then the Aboriginal stakeholder should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

References

DECCW 2010a, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010c, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

27 February 2019

Scott Franks
Tocomwall
PO Box 76
Caringbah NSW 1495

Dear Scott Franks,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Project Methodology

Our Ref: 29211

This letter is being provided to all the Registered Aboriginal Parties (RAPs) who registered their interest in the consultation process for the St Joseph's College Physical Education and Sports Precinct Project being undertaken by St Joseph's College (Figure 1, Figure 2).

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements), we provide the proposed methodology for the Aboriginal Cultural Heritage Assessment (ACHA) for your review and feedback.

It would be appreciated if you could provide feedback on the methodology to Biosis Pty Ltd by **5pm on Wednesday 27 March 2019**, either by email or return mail.

Please address methodology feedback to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.



Kind regards,

Charlotte Allen
Archaeologist

Stage 3: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with the proposed methodology for the cultural heritage and archaeological assessment.

Biosis has been engaged by St Joseph's College to conduct an Aboriginal Cultural Heritage Assessment (ACHA), as part of an Environmental Impact Statement and to provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application.

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010b) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area. However, an Aboriginal Cultural Heritage Assessment is required to support the project State Significant Development application, including consultation with the Aboriginal community. As part of this consultation, an aboriginal cultural survey will be undertaken with a representative of the RAPs.

Assessment methodology

Aims of the survey

The principle aims of the survey are to:

- Undertake a systematic archaeological survey of the study area in accordance with the code, while targeting areas with the potential for Aboriginal heritage.
- Identify and record Aboriginal archaeological sites visible on the ground surface.
- Identify and record areas of potential archaeological deposit (PAD).

Survey methodology

The survey methods are intended to assess and understand the landforms and to determine whether any archaeological material from Aboriginal occupation or land use exists within the study area. Identification of natural soil deposits within the study area will be undertaken if possible. Photographs and recording techniques will be incorporated into the survey including representative photographs of survey units, landforms, vegetation coverage, ground surface visibility and the recording of soil information for each survey unit. Any Aboriginal objects observed during the survey will be documented and photographed. No artefacts discovered during the survey component are to be removed from the site.

Recording during the survey will follow the guidelines of the OEH, in particular the *Code of practice for archaeological investigation of Aboriginal objects in New South Wales* (DECCW 2010c) (the code).

Specific information that will be recorded during the survey includes:

- Aboriginal objects or sites present in the study area.
- Survey coverage.
- Survey effectiveness.
- Any resources that may have potentially been exploited by Aboriginal people.
- Landforms and general soil information.
- Photographs of the site indicating landforms.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees, shell middens or any other Aboriginal sites.

Distinguishing landform elements and their association with Aboriginal cultural heritage will assist with the identification of site patterning, though with the awareness of the following limitations:

- The degree of ground surface visibility (GSV) and amount of exposed areas can significantly bias the discovery of surface artefacts.
- Cultural material exposed on the surface is not necessarily representative of the potential extent of the site (either horizontally or vertically).

Information about the presence of potentially exploitable resources helps contribute to predictions of the Aboriginal sites that may occur within the study area. Information about GSV, DV and areas of exposures help to provide a general indication of the effectiveness of the survey for identifying Aboriginal cultural heritage exposed to the surface. Observable disturbances are also considered when assessing the integrity of known or potential sites in an area. The location of Aboriginal cultural heritage and points marking the boundary of the landform elements will be recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

Test excavation methodology

Should areas of archaeological potential or cultural values be identified during the cultural survey, test excavations will be conducted in accordance with the requirements of the code.

Aims of the sub-surface test excavations

The principle objectives of the subsurface test excavations would be to identify and understand the nature, extent and significance of any archaeological sites located within areas of archaeological potential.

The aims of the testing program would be to:

- Determine whether sub-surface archaeological deposits exist which may be impacted by the development.
- If so, to determine the extent and nature of such deposits.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, shell midden deposits, etc.) recovered during the testing program.

- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.

Test excavation sampling strategy

Test excavations across the study area would conform to the following methodology:

- Test excavations will be undertaken in areas identified as having the potential to contain Aboriginal cultural material.
- Test excavations will be conducted in 50 x 50 centimetre units.
- The test excavation units will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 – 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 x 50 centimetre test pit, additional 50 x 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 x 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 x 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m^2).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5mm sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.
- All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis (at Unit 14, 17-27 Power Avenue, Alexandria).
- The following documentation will be taken for the test pit:
    - Unique test pit identification number
    - GPS coordinate
    - Munsell soil colour, texture and pH
    - Amount and location of cultural material within the deposit
    - Nature of disturbance where present

- Stratigraphy
- Archaeological features (if present)
- Photographic records
- Spit records

- The test excavation unit must be backfilled as soon as practicable due to safety issues.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and OEH will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

*Enough information is defined by OEH as meaning "the sample of excavated material clearly and self-evidently demonstrates the deposit's nature and significance. This may include things like locally or regionally high object density: presence of rare or representative objects: presence of archaeological features: or locally or regionally significant deposits stratified or not." (DECCW 2010c).

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (Unit 14, 17-27 Power Avenue, Alexandria).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the code.

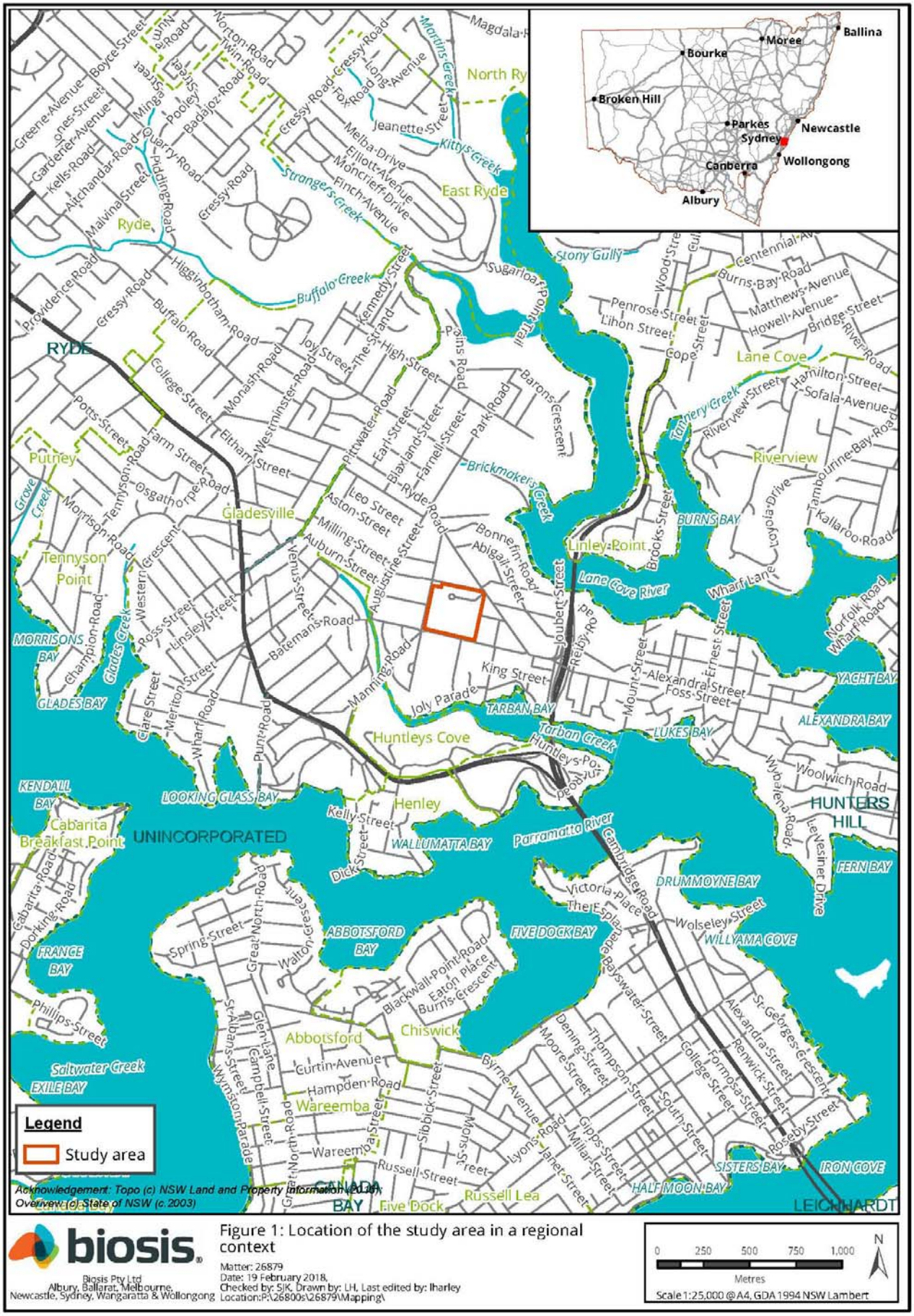
Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

References

DECCW 2010a, *Aboriginal cultural heritage consultation requirements for proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

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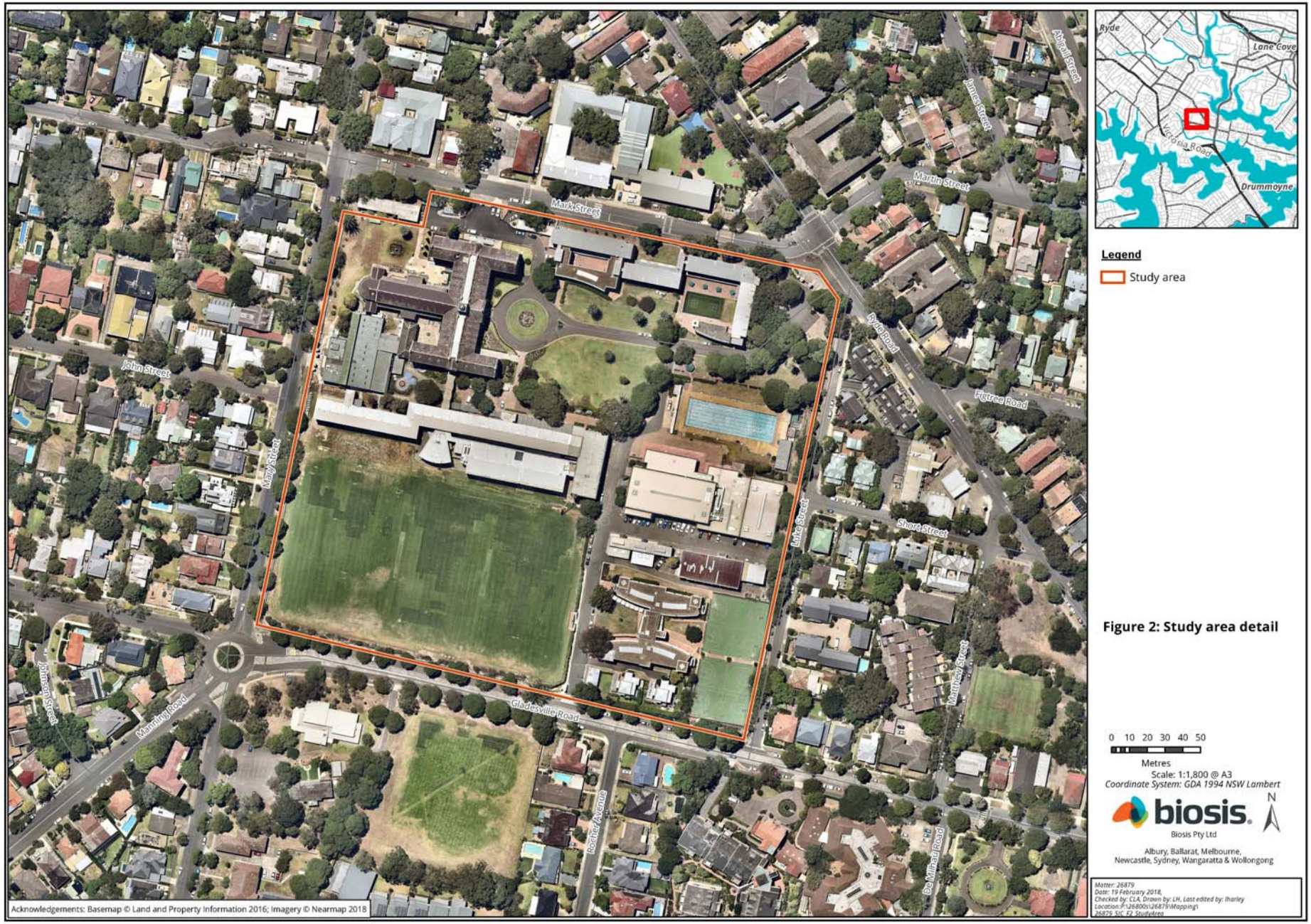


biosis

Biosis Pty Ltd
Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Figure 1: Location of the study area in a regional context

Matter: 26879
Date: 19 February 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping\



Legend

Study area

Figure 2: Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,800 @ A3

Coordinate System: GDA 1994 NSW Lambert

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Biosis Pty Ltd

Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 26879
Date: 19 February 2018,
Checked by: CLA, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping
26879_SIC_F2_StudyArea

27 February 2019

Lillie Carrol and Paul Boyd
Didge Ngunawal Clan
7 Siskin Street
Quakers Hill NSW 2763

Dear Lillie Carrol and Paul Boyd,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – project information
Our Ref: Matter 29211

Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW. This information has been provided in accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements).

In this letter you will find the project information pack, and attached to this correspondence is the following document:

- St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology

The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.

Please note that comments on the project methodology pack should be received before **4 pm Wednesday 27 March 2019**.

As this project will involve a field investigation and potentially test excavations, the purpose of the second letter is to invite your feedback on the proposed project information and methodology packs, and to assist the proponent in the programing of groups for participation in the test excavations which will be carried out within the study area, should they be required.

If you have any queries regarding the project or the information in this letter, please don't hesitate to contact us.

Yours sincerely



Charlotte Allen

Archaeologist
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Consultation with Aboriginal stakeholders under the DECCW 2010a consultation guidelines is being undertaken to assist St Joseph's College by:

- Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the study area.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects(s) and/or place(s) within the study area.
- Actively contributing to the development of cultural heritage management plan options and recommendations for any Aboriginal object(s) and/or place(s) within the proposed study area.
- Commenting on the draft assessment reports before they are submitted by the proponent to the determining authority of the proposed realignment.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- **COMPLETED.** Ascertaining the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the proposed study area. This would include writing to the following:
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  - Local Aboriginal Land Council (LALC)
  - Office of the Registrar (Aboriginal Land Rights Act 1983)
  - National Native Title Tribunal (NNTT)
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- **COMPLETED.** Biosis will undertake the 'Placement of Notification' (Public Notice) in the *Penrith Press*, on behalf of St Joseph's College, that must include details of the proponent, the project, the exact location, and statement of the purpose of the community consultation in preparation for possible test excavations. The Public Notice is also an invitation for Aboriginal people who hold relevant cultural knowledge about the study area. A closing date for the registration must be included and be no less than **14 days**. **Registrations closed on 19 February 2019**.
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- The DRAFT ACHA and Archaeological Report will be provided to all RAPs for comment – the proponent must allow **28 days** for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an Appendix.

Field Survey

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010c) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area.

There are several registered Aboriginal sites in the vicinity of the study area. However, it was not possible to access or relocate these sites. These sites were not relocated during the survey. This task assisted in the assessment of disturbance and aided predictive modelling for areas of potential archaeological deposit, and an assessment of whether the proposed excavation works are likely to impact on undiscovered Aboriginal artefacts.

Aboriginal cultural survey

A further survey will be undertaken with a representative from a registered Aboriginal party in order to identify any further Aboriginal cultural heritage values not previously identified in the Due Diligence Assessment field survey. This survey will be undertaken in accordance with the requirements of the Should this survey identity areas of archaeological potential or cultural values, test excavations will be conducted in accordance with the requirements of the code. Further information on the methodology for test excavation and the areas of potential archaeological deposit within the study area is available in the project methodology.

Test excavations

Should the results of the survey indicate that there is an area of archaeological potential within the study area, Biosis will conduct test excavations in accordance with the requirements of the *Code of Practice for the Archaeological Investigation of Aboriginal Objects* (DECCW 2010b). Further information on the methodology for test excavation is available in the project methodology.

Reporting

A draft ACHA report and archaeological report will be prepared in accordance with the code and will include:

- Background and project description.

- A summary and analysis of the findings of the archaeological survey and test excavations (if applicable) including the presence and location of registered or undiscovered Aboriginal artefacts or heritage items within proximity of the study area.
- A summary of any other relevant studies or surveys which have relevance to the assessment area.
- A summary of the landscape features of the site which may indicate a history of Aboriginal activity.
- A summary of previous land use that may have affected the retention of intact Aboriginal archaeology in the landscape.
- The potential or likelihood for the proposed works to uncover or expose potential undiscovered Aboriginal objects.
- Survey results and, if undertaken, test excavation results.
- Legislative implications of the proposed works.
- Recommendations and justification for further assessment (if required).
- Mitigation measures (if any) required for the works to proceed.
- Mapping to show the location of registered and newly located (if any) Aboriginal sites in relation to the proposed works.

RAPs will be provided with the draft report for comment and allowed **28 days** for review.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the *Northern District Times* 6 February 2019. Notices sent to identified Aboriginal parties on 7 February 2019.
Aboriginal stakeholder registration period	Completed	Registration period ran from 6-21 February 2019.
Cultural survey	TBC	Following closure of consultation Stage 1
Archaeological test excavations with selected representatives of RAPs, if required	TBC	TBC
Information gathering	Continuous	Until finalisation of report.
Review of draft report	TBC	28 days review time allowed under OEH Aboriginal Community Consultation Guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs are expected to respond to requests for cultural information and comment on draft reporting, as appropriate in accordance with their role specified in the guidelines (DECCW 2010a, p. 16). Biosis and the proponent, in accordance with their role under the guidelines, will

consult with the Aboriginal community by supplying suitable project information and providing the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a, pp. 16-17).

Each section of the methodology will be undertaken in consultation with the Aboriginal stakeholders. Biosis invites Aboriginal stakeholders to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public then the Aboriginal stakeholder should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

References

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DECCW 2010c, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

27 February 2019

Lillie Carrol and Paul Boyd
Didge Ngunawal Clan
7 Siskin Street
Quakers Hill NSW 2763

Dear Lillie Carrol and Paul Boyd,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Project Methodology
Our Ref: 29211

This letter is being provided to all the Registered Aboriginal Parties (RAPs) who registered their interest in the consultation process for the St Joseph's College Physical Education and Sports Precinct Project being undertaken by St Joseph's College (Figure 1, Figure 2).

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements), we provide the proposed methodology for the Aboriginal Cultural Heritage Assessment (ACHA) for your review and feedback.

It would be appreciated if you could provide feedback on the methodology to Biosis Pty Ltd by **5pm on Wednesday 27 March 2019**, either by email or return mail.

Please address methodology feedback to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Kind regards,

Charlotte Allen
Archaeologist

Stage 3: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with the proposed methodology for the cultural heritage and archaeological assessment.

Biosis has been engaged by St Joseph's College to conduct an Aboriginal Cultural Heritage Assessment (ACHA), as part of an Environmental Impact Statement and to provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application.

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010b) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area. However, an Aboriginal Cultural Heritage Assessment is required to support the project State Significant Development application, including consultation with the Aboriginal community. As part of this consultation, an aboriginal cultural survey will be undertaken with a representative of the RAPs.

Assessment methodology

Aims of the survey

The principle aims of the survey are to:

- Undertake a systematic archaeological survey of the study area in accordance with the code, while targeting areas with the potential for Aboriginal heritage.
- Identify and record Aboriginal archaeological sites visible on the ground surface.
- Identify and record areas of potential archaeological deposit (PAD).

Survey methodology

The survey methods are intended to assess and understand the landforms and to determine whether any archaeological material from Aboriginal occupation or land use exists within the study area. Identification of natural soil deposits within the study area will be undertaken if possible. Photographs and recording techniques will be incorporated into the survey including representative photographs of survey units, landforms, vegetation coverage, ground surface visibility and the recording of soil information for each survey unit. Any Aboriginal objects observed during the survey will be documented and photographed. No artefacts discovered during the survey component are to be removed from the site.

Recording during the survey will follow the guidelines of the OEH, in particular the *Code of practice for archaeological investigation of Aboriginal objects in New South Wales* (DECCW 2010c) (the code).

Specific information that will be recorded during the survey includes:

- Aboriginal objects or sites present in the study area.
- Survey coverage.
- Survey effectiveness.
- Any resources that may have potentially been exploited by Aboriginal people.
- Landforms and general soil information.
- Photographs of the site indicating landforms.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees, shell middens or any other Aboriginal sites.

Distinguishing landform elements and their association with Aboriginal cultural heritage will assist with the identification of site patterning, though with the awareness of the following limitations:

- The degree of ground surface visibility (GSV) and amount of exposed areas can significantly bias the discovery of surface artefacts.
- Cultural material exposed on the surface is not necessarily representative of the potential extent of the site (either horizontally or vertically).

Information about the presence of potentially exploitable resources helps contribute to predictions of the Aboriginal sites that may occur within the study area. Information about GSV, DV and areas of exposures help to provide a general indication of the effectiveness of the survey for identifying Aboriginal cultural heritage exposed to the surface. Observable disturbances are also considered when assessing the integrity of known or potential sites in an area. The location of Aboriginal cultural heritage and points marking the boundary of the landform elements will be recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

Test excavation methodology

Should areas of archaeological potential or cultural values be identified during the cultural survey, test excavations will be conducted in accordance with the requirements of the code.

Aims of the sub-surface test excavations

The principle objectives of the subsurface test excavations would be to identify and understand the nature, extent and significance of any archaeological sites located within areas of archaeological potential.

The aims of the testing program would be to:

- Determine whether sub-surface archaeological deposits exist which may be impacted by the development.
- If so, to determine the extent and nature of such deposits.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, shell midden deposits, etc.) recovered during the testing program.

- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.

Test excavation sampling strategy

Test excavations across the study area would conform to the following methodology:

- Test excavations will be undertaken in areas identified as having the potential to contain Aboriginal cultural material.
- Test excavations will be conducted in 50 x 50 centimetre units.
- The test excavation units will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 – 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 x 50 centimetre test pit, additional 50 x 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 x 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 x 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m^2).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5mm sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.
- All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis (at Unit 14, 17-27 Power Avenue, Alexandria).
- The following documentation will be taken for the test pit:
    - Unique test pit identification number
    - GPS coordinate
    - Munsell soil colour, texture and pH
    - Amount and location of cultural material within the deposit
    - Nature of disturbance where present

- Stratigraphy
- Archaeological features (if present)
- Photographic records
- Spit records

- The test excavation unit must be backfilled as soon as practicable due to safety issues.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and OEH will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

*Enough information is defined by OEH as meaning "the sample of excavated material clearly and self-evidently demonstrates the deposit's nature and significance. This may include things like locally or regionally high object density: presence of rare or representative objects: presence of archaeological features: or locally or regionally significant deposits stratified or not." (DECCW 2010c).

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (Unit 14, 17-27 Power Avenue, Alexandria).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the code.

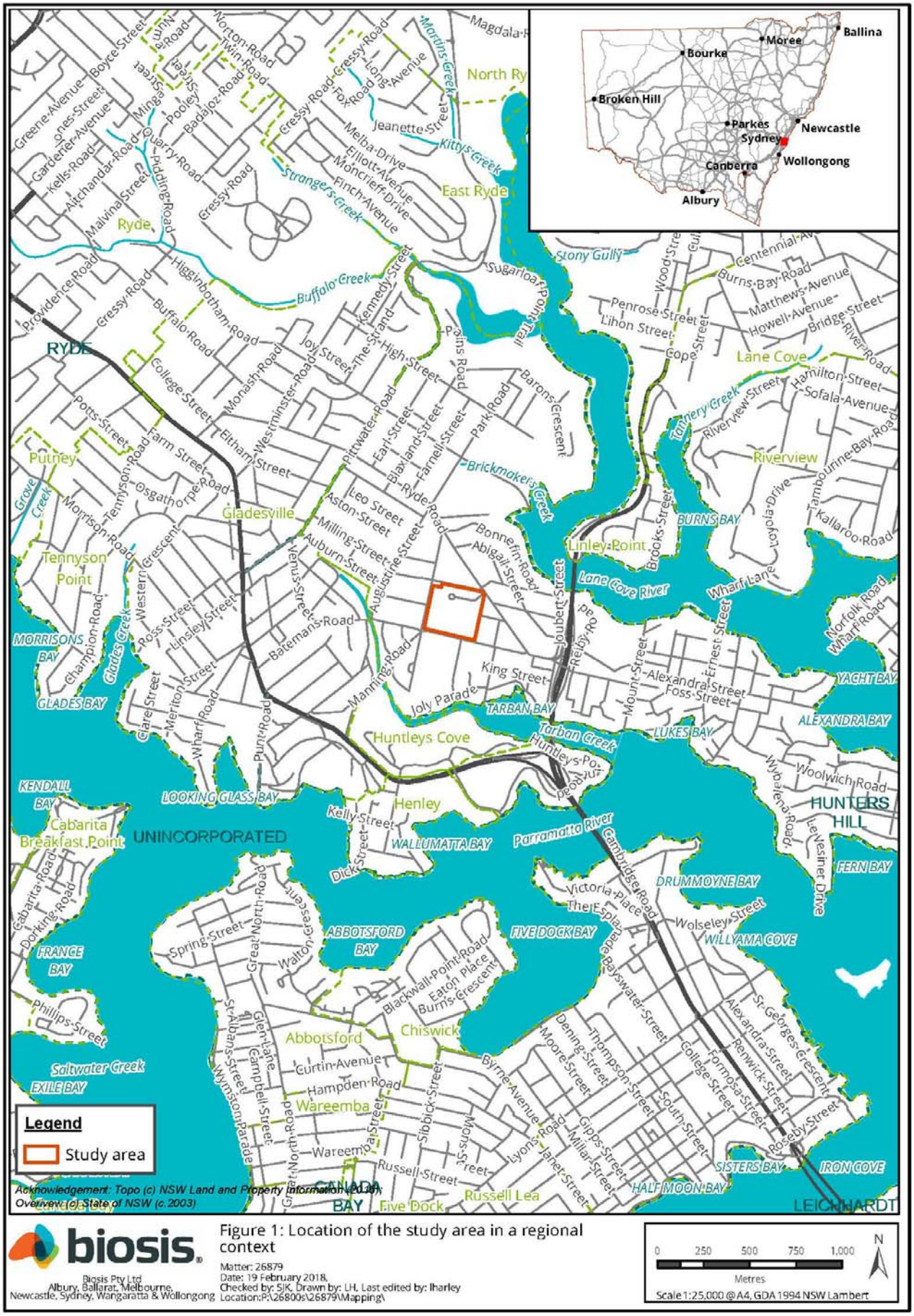
Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

References

DECCW 2010a, *Aboriginal cultural heritage consultation requirements for proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

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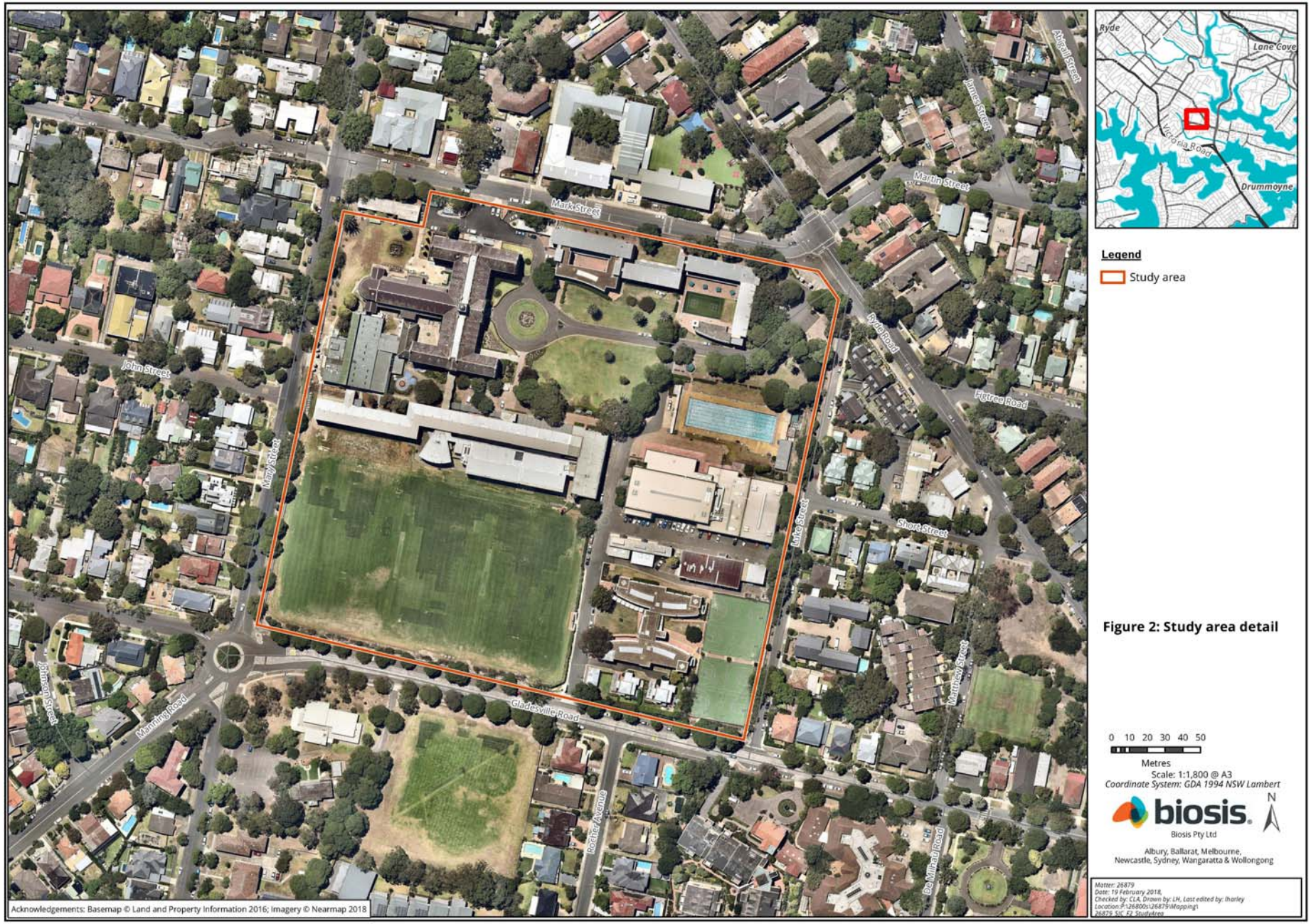


biosis

Biosis Pty Ltd
Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Figure 1: Location of the study area in a regional context

Matter: 26879
Date: 19 February 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping\



Legend

Study area

Figure 2: Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,800 @ A3

Coordinate System: GDA 1994 NSW Lambert

N

biosis

Biosis Pty Ltd

Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 26879
Date: 19 February 2018,
Checked by: CLA, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping
26879_SIC_F2_StudyArea

27 February 2019

Jamie and Anna Workman
Darug Land Observations
PO Box 2006
Bendalong NSW 2539

Dear Jamie and Anna Workman,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – project information
Our Ref: Matter 29211

Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW. This information has been provided in accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements).

In this letter you will find the project information pack, and attached to this correspondence is the following document:

- St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology

The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.

Please note that comments on the project methodology pack should be received before **4 pm Wednesday 27 March 2019**.

As this project will involve a field investigation and potentially test excavations, the purpose of the second letter is to invite your feedback on the proposed project information and methodology packs, and to assist the proponent in the programing of groups for participation in the test excavations which will be carried out within the study area, should they be required.

If you have any queries regarding the project or the information in this letter, please don't hesitate to contact us.

Yours sincerely



Charlotte Allen

Archaeologist
callen@biosis.com.au

Project information

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with information about the proposed project and the scope of the Aboriginal archaeology and cultural heritage investigations and assessment.

Study area

The study area is located within the Hunters Hill Local Government Area (LGA), Parish of Hunters Hill, County of Cumberland. It encompasses Lot 2, DP 527024 at Mark Street, Hunters Hill NSW (Figure 1 and Figure 2.

Project

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct. The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer.
  - Driveway entry to the PESPP (no new vehicular cross overs).
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site.
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

Biosis Pty Ltd is assisting St Joseph's College with consultation with the Aboriginal community and the Aboriginal Cultural Heritage Assessment. Consultation with the Aboriginal community will follow the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a). The purpose of the Aboriginal community consultation will be to provide sufficient information for the assessment of Aboriginal cultural heritage values and to inform the Aboriginal cultural heritage assessment (ACHA).

The ACHA will support an Environmental Impact Statement and provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*. The development of the school will be assessed as a SSD under Section 89(c) of the *Environmental Planning and Assessment Act 1979* and Schedule 1 of the State Environmental Planning Policy (State and Regional Development) 2011(SSD 8970).

Aboriginal Cultural Heritage Assessment process

The assessment process includes the following steps:

Background research

Background research has been undertaken in order to identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment area. Background research will be conducted in line with the requirements of the *Code of practice for the investigation of Aboriginal objects in New South Wales* (DECCW 2010b) ('the code'). Background research for the project included the following tasks:

- Conduct heritage register searches to identify previously recorded cultural heritage sites in or within the vicinity of the proposed study area. Searches will include the Aboriginal Heritage Information Management System (AHIMS), the National Heritage List, Commonwealth Heritage List, Register of the National Estate, State Heritage Register, Local Environmental Plan and National Trust heritage lists.
- Conduct additional background research in order to recognise any identifiable regional trends in site distribution and location and provide a site prediction model for the study area.
- Undertake a comprehensive survey of the study area, identifying any previously recorded sites (on AHIMS).
- Record and assess sites identified during the survey in compliance with the guidelines issued by the OEH.
- Assess the scientific significance of all identified Aboriginal cultural heritage sites and places.
- Identify impacts to all identified Aboriginal cultural heritage sites and places based on potential ground disturbance from the proposed realignment of the road.
- Make recommendations to minimise or mitigate potential impacts of the proposed realignment upon cultural heritage values within the study area.

Consultation with the Aboriginal community

This task will allow the Aboriginal community the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and input into management options.

Consultation with Aboriginal stakeholders under the DECCW 2010a consultation guidelines is being undertaken to assist St Joseph's College by:

- Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the study area.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects(s) and/or place(s) within the study area.
- Actively contributing to the development of cultural heritage management plan options and recommendations for any Aboriginal object(s) and/or place(s) within the proposed study area.
- Commenting on the draft assessment reports before they are submitted by the proponent to the determining authority of the proposed realignment.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- **COMPLETED.** Ascertaining the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the proposed study area. This would include writing to the following:
  - Office of Environment and Heritage (OEH)
  - Local Aboriginal Land Council (LALC)
  - Office of the Registrar (Aboriginal Land Rights Act 1983)
  - National Native Title Tribunal (NNTT)
  - Native Title Services Corporation Limited (NTSCORP Limited)
  - Relevant Local Councils
  - Relevant Catchment Management Authorities
- **COMPLETED.** Biosis will undertake the 'Placement of Notification' (Public Notice) in the *Penrith Press*, on behalf of St Joseph's College, that must include details of the proponent, the project, the exact location, and statement of the purpose of the community consultation in preparation for possible test excavations. The Public Notice is also an invitation for Aboriginal people who hold relevant cultural knowledge about the study area. A closing date for the registration must be included and be no less than **14 days**. **Registrations closed on 19 February 2019**.
- **COMPLETED.** Aboriginal people or groups identified were provided with notification of the proposed project via Biosis and given the opportunity to be involved in consultation. **Registrations of interest closed on 21 February 2019**.
- A list of Aboriginal people or groups who registered an interest in the project will be forwarded to the OEH and Deerubbin LALC by Biosis no later than **28 days** following close of registration. This list

will not include those people or groups who specified that they did not want their details shared with OEH or the LALC.

- Biosis will provide details of the project and methodology for the archaeological assessment to the registered parties. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of **28 days** of the Biosis providing the methodology document.
- Selected representatives of the RAPs will be given the opportunity to participate in test excavations within the study area, should they be required.
- The DRAFT ACHA and Archaeological Report will be provided to all RAPs for comment – the proponent must allow **28 days** for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an Appendix.

Field Survey

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010c) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area.

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Test excavations

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Reporting

A draft ACHA report and archaeological report will be prepared in accordance with the code and will include:

- Background and project description.

- A summary and analysis of the findings of the archaeological survey and test excavations (if applicable) including the presence and location of registered or undiscovered Aboriginal artefacts or heritage items within proximity of the study area.
- A summary of any other relevant studies or surveys which have relevance to the assessment area.
- A summary of the landscape features of the site which may indicate a history of Aboriginal activity.
- A summary of previous land use that may have affected the retention of intact Aboriginal archaeology in the landscape.
- The potential or likelihood for the proposed works to uncover or expose potential undiscovered Aboriginal objects.
- Survey results and, if undertaken, test excavation results.
- Legislative implications of the proposed works.
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- Mitigation measures (if any) required for the works to proceed.
- Mapping to show the location of registered and newly located (if any) Aboriginal sites in relation to the proposed works.

RAPs will be provided with the draft report for comment and allowed **28 days** for review.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints
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Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs are expected to respond to requests for cultural information and comment on draft reporting, as appropriate in accordance with their role specified in the guidelines (DECCW 2010a, p. 16). Biosis and the proponent, in accordance with their role under the guidelines, will

consult with the Aboriginal community by supplying suitable project information and providing the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a, pp. 16-17).

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27 February 2019

Jamie and Anna Workman
Darug Land Observations
PO Box 2006
Bendalong NSW 2539

Dear Jamie and Anna Workman,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Project Methodology
Our Ref: 29211

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In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements), we provide the proposed methodology for the Aboriginal Cultural Heritage Assessment (ACHA) for your review and feedback.

It would be appreciated if you could provide feedback on the methodology to Biosis Pty Ltd by **5pm on Wednesday 27 March 2019**, either by email or return mail.

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Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.



Kind regards,

Charlotte Allen
Archaeologist

Stage 3: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology

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Assessment methodology

Aims of the survey

The principle aims of the survey are to:

- Undertake a systematic archaeological survey of the study area in accordance with the code, while targeting areas with the potential for Aboriginal heritage.
- Identify and record Aboriginal archaeological sites visible on the ground surface.
- Identify and record areas of potential archaeological deposit (PAD).

Survey methodology

The survey methods are intended to assess and understand the landforms and to determine whether any archaeological material from Aboriginal occupation or land use exists within the study area. Identification of natural soil deposits within the study area will be undertaken if possible. Photographs and recording techniques will be incorporated into the survey including representative photographs of survey units, landforms, vegetation coverage, ground surface visibility and the recording of soil information for each survey unit. Any Aboriginal objects observed during the survey will be documented and photographed. No artefacts discovered during the survey component are to be removed from the site.

Recording during the survey will follow the guidelines of the OEH, in particular the *Code of practice for archaeological investigation of Aboriginal objects in New South Wales* (DECCW 2010c) (the code).

Specific information that will be recorded during the survey includes:

- Aboriginal objects or sites present in the study area.
- Survey coverage.
- Survey effectiveness.
- Any resources that may have potentially been exploited by Aboriginal people.
- Landforms and general soil information.
- Photographs of the site indicating landforms.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees, shell middens or any other Aboriginal sites.

Distinguishing landform elements and their association with Aboriginal cultural heritage will assist with the identification of site patterning, though with the awareness of the following limitations:

- The degree of ground surface visibility (GSV) and amount of exposed areas can significantly bias the discovery of surface artefacts.
- Cultural material exposed on the surface is not necessarily representative of the potential extent of the site (either horizontally or vertically).

Information about the presence of potentially exploitable resources helps contribute to predictions of the Aboriginal sites that may occur within the study area. Information about GSV, DV and areas of exposures help to provide a general indication of the effectiveness of the survey for identifying Aboriginal cultural heritage exposed to the surface. Observable disturbances are also considered when assessing the integrity of known or potential sites in an area. The location of Aboriginal cultural heritage and points marking the boundary of the landform elements will be recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

Test excavation methodology

Should areas of archaeological potential or cultural values be identified during the cultural survey, test excavations will be conducted in accordance with the requirements of the code.

Aims of the sub-surface test excavations

The principle objectives of the subsurface test excavations would be to identify and understand the nature, extent and significance of any archaeological sites located within areas of archaeological potential.

The aims of the testing program would be to:

- Determine whether sub-surface archaeological deposits exist which may be impacted by the development.
- If so, to determine the extent and nature of such deposits.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, shell midden deposits, etc.) recovered during the testing program.

- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.

Test excavation sampling strategy

Test excavations across the study area would conform to the following methodology:

- Test excavations will be undertaken in areas identified as having the potential to contain Aboriginal cultural material.
- Test excavations will be conducted in 50 x 50 centimetre units.
- The test excavation units will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 – 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 x 50 centimetre test pit, additional 50 x 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 x 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 x 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m^2).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5mm sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.
- All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis (at Unit 14, 17-27 Power Avenue, Alexandria).
- The following documentation will be taken for the test pit:
    - Unique test pit identification number
    - GPS coordinate
    - Munsell soil colour, texture and pH
    - Amount and location of cultural material within the deposit
    - Nature of disturbance where present

- Stratigraphy
- Archaeological features (if present)
- Photographic records
- Spit records

- The test excavation unit must be backfilled as soon as practicable due to safety issues.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and OEH will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

*Enough information is defined by OEH as meaning "the sample of excavated material clearly and self-evidently demonstrates the deposit's nature and significance. This may include things like locally or regionally high object density: presence of rare or representative objects: presence of archaeological features: or locally or regionally significant deposits stratified or not." (DECCW 2010c).

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (Unit 14, 17-27 Power Avenue, Alexandria).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the code.

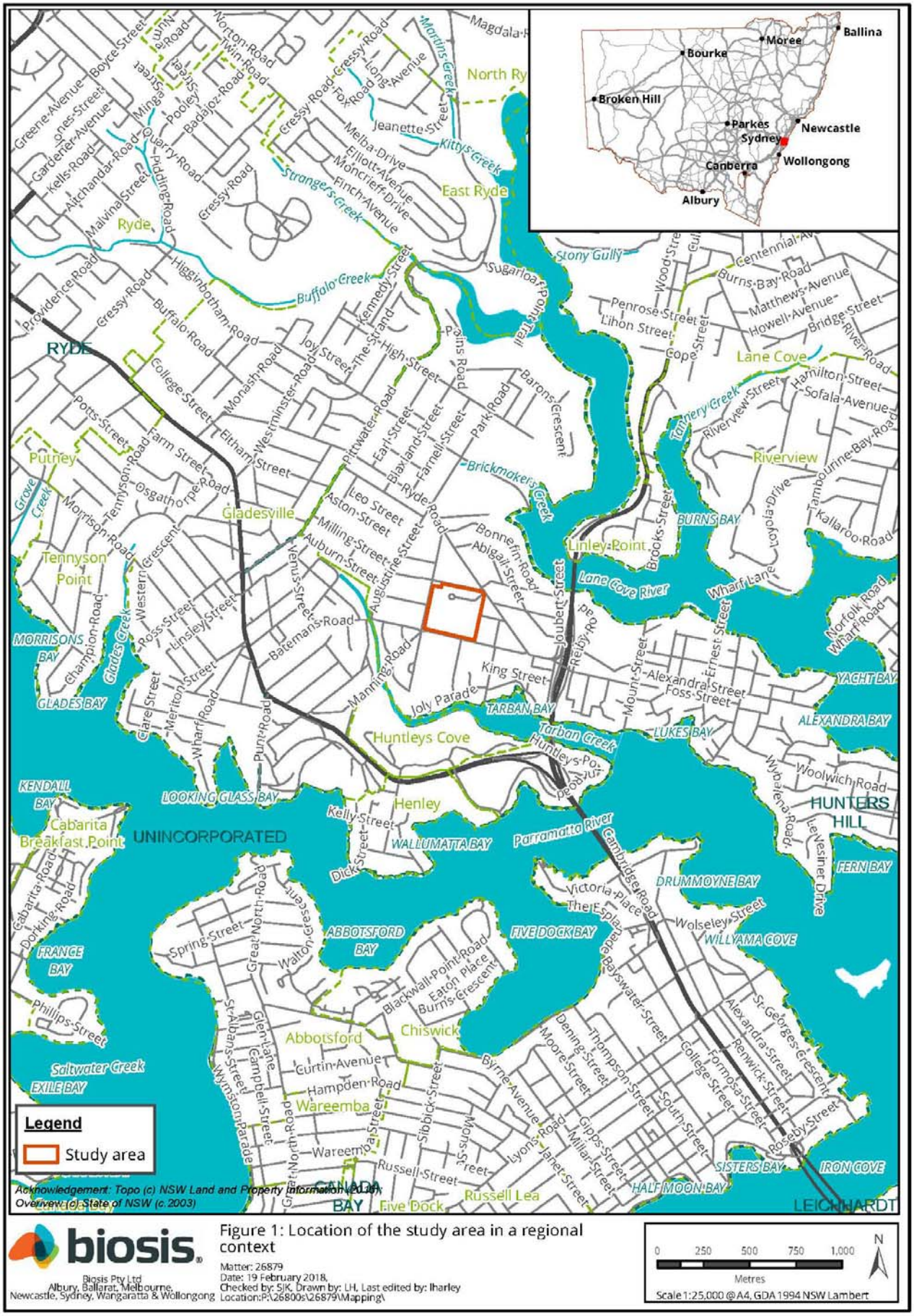
Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

References

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DECCW 2010b, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

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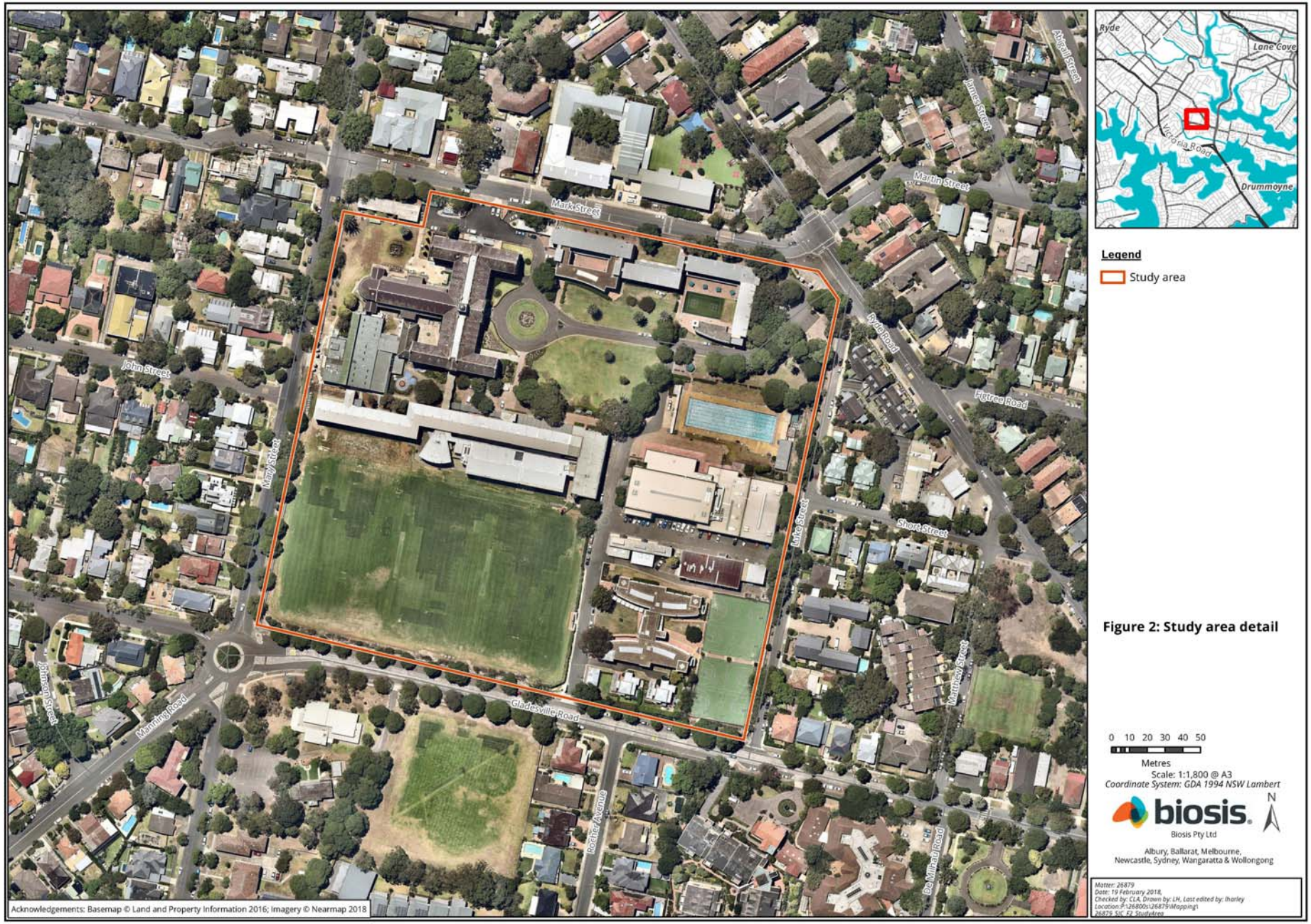


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Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Figure 1: Location of the study area in a regional context

Matter: 26879
Date: 19 February 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping\



Legend

Study area

Figure 2: Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,800 @ A3

Coordinate System: GDA 1994 NSW Lambert

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Newcastle, Sydney, Wangaratta & Wollongong

Matter: 26879
Date: 19 February 2018,
Checked by: CLA, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping
26879_SIC_F2_StudyArea

27 February 2019

Caine Carroll
Goodradigbee Cultural & Heritage Aboriginal Corporation
1 Morilla Road
East Kurrajong NSW 2758

Dear Caine Carroll,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – project information
Our Ref: Matter 29211

Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW. This information has been provided in accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements).

In this letter you will find the project information pack, and attached to this correspondence is the following document:

- St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology

The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.

Please note that comments on the project methodology pack should be received before **4 pm Wednesday 27 March 2019**.

As this project will involve a field investigation and potentially test excavations, the purpose of the second letter is to invite your feedback on the proposed project information and methodology packs, and to assist the proponent in the programing of groups for participation in the test excavations which will be carried out within the study area, should they be required.

If you have any queries regarding the project or the information in this letter, please don't hesitate to contact us.

Yours sincerely



Charlotte Allen

Archaeologist
callen@biosis.com.au

Project information

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with information about the proposed project and the scope of the Aboriginal archaeology and cultural heritage investigations and assessment.

Study area

The study area is located within the Hunters Hill Local Government Area (LGA), Parish of Hunters Hill, County of Cumberland. It encompasses Lot 2, DP 527024 at Mark Street, Hunters Hill NSW (Figure 1 and Figure 2.

Project

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct. The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer.
  - Driveway entry to the PESPP (no new vehicular cross overs).
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site.
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

Biosis Pty Ltd is assisting St Joseph's College with consultation with the Aboriginal community and the Aboriginal Cultural Heritage Assessment. Consultation with the Aboriginal community will follow the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a). The purpose of the Aboriginal community consultation will be to provide sufficient information for the assessment of Aboriginal cultural heritage values and to inform the Aboriginal cultural heritage assessment (ACHA).

The ACHA will support an Environmental Impact Statement and provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*. The development of the school will be assessed as a SSD under Section 89(c) of the *Environmental Planning and Assessment Act 1979* and Schedule 1 of the State Environmental Planning Policy (State and Regional Development) 2011(SSD 8970).

Aboriginal Cultural Heritage Assessment process

The assessment process includes the following steps:

Background research

Background research has been undertaken in order to identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment area. Background research will be conducted in line with the requirements of the *Code of practice for the investigation of Aboriginal objects in New South Wales* (DECCW 2010b) ('the code'). Background research for the project included the following tasks:

- Conduct heritage register searches to identify previously recorded cultural heritage sites in or within the vicinity of the proposed study area. Searches will include the Aboriginal Heritage Information Management System (AHIMS), the National Heritage List, Commonwealth Heritage List, Register of the National Estate, State Heritage Register, Local Environmental Plan and National Trust heritage lists.
- Conduct additional background research in order to recognise any identifiable regional trends in site distribution and location and provide a site prediction model for the study area.
- Undertake a comprehensive survey of the study area, identifying any previously recorded sites (on AHIMS).
- Record and assess sites identified during the survey in compliance with the guidelines issued by the OEH.
- Assess the scientific significance of all identified Aboriginal cultural heritage sites and places.
- Identify impacts to all identified Aboriginal cultural heritage sites and places based on potential ground disturbance from the proposed realignment of the road.
- Make recommendations to minimise or mitigate potential impacts of the proposed realignment upon cultural heritage values within the study area.

Consultation with the Aboriginal community

This task will allow the Aboriginal community the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and input into management options.

Consultation with Aboriginal stakeholders under the DECCW 2010a consultation guidelines is being undertaken to assist St Joseph's College by:

- Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the study area.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects(s) and/or place(s) within the study area.
- Actively contributing to the development of cultural heritage management plan options and recommendations for any Aboriginal object(s) and/or place(s) within the proposed study area.
- Commenting on the draft assessment reports before they are submitted by the proponent to the determining authority of the proposed realignment.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- **COMPLETED.** Ascertaining the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the proposed study area. This would include writing to the following:
  - Office of Environment and Heritage (OEH)
  - Local Aboriginal Land Council (LALC)
  - Office of the Registrar (Aboriginal Land Rights Act 1983)
  - National Native Title Tribunal (NNTT)
  - Native Title Services Corporation Limited (NTSCORP Limited)
  - Relevant Local Councils
  - Relevant Catchment Management Authorities
- **COMPLETED.** Biosis will undertake the 'Placement of Notification' (Public Notice) in the *Penrith Press*, on behalf of St Joseph's College, that must include details of the proponent, the project, the exact location, and statement of the purpose of the community consultation in preparation for possible test excavations. The Public Notice is also an invitation for Aboriginal people who hold relevant cultural knowledge about the study area. A closing date for the registration must be included and be no less than **14 days**. **Registrations closed on 19 February 2019**.
- **COMPLETED.** Aboriginal people or groups identified were provided with notification of the proposed project via Biosis and given the opportunity to be involved in consultation. **Registrations of interest closed on 21 February 2019**.
- A list of Aboriginal people or groups who registered an interest in the project will be forwarded to the OEH and Deerubbin LALC by Biosis no later than **28 days** following close of registration. This list

will not include those people or groups who specified that they did not want their details shared with OEH or the LALC.

- Biosis will provide details of the project and methodology for the archaeological assessment to the registered parties. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of **28 days** of the Biosis providing the methodology document.
- Selected representatives of the RAPs will be given the opportunity to participate in test excavations within the study area, should they be required.
- The DRAFT ACHA and Archaeological Report will be provided to all RAPs for comment – the proponent must allow **28 days** for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an Appendix.

Field Survey

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010c) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area.

There are several registered Aboriginal sites in the vicinity of the study area. However, it was not possible to access or relocate these sites. These sites were not relocated during the survey. This task assisted in the assessment of disturbance and aided predictive modelling for areas of potential archaeological deposit, and an assessment of whether the proposed excavation works are likely to impact on undiscovered Aboriginal artefacts.

Aboriginal cultural survey

A further survey will be undertaken with a representative from a registered Aboriginal party in order to identify any further Aboriginal cultural heritage values not previously identified in the Due Diligence Assessment field survey. This survey will be undertaken in accordance with the requirements of the Should this survey identity areas of archaeological potential or cultural values, test excavations will be conducted in accordance with the requirements of the code. Further information on the methodology for test excavation and the areas of potential archaeological deposit within the study area is available in the project methodology.

Test excavations

Should the results of the survey indicate that there is an area of archaeological potential within the study area, Biosis will conduct test excavations in accordance with the requirements of the *Code of Practice for the Archaeological Investigation of Aboriginal Objects* (DECCW 2010b). Further information on the methodology for test excavation is available in the project methodology.

Reporting

A draft ACHA report and archaeological report will be prepared in accordance with the code and will include:

- Background and project description.

- A summary and analysis of the findings of the archaeological survey and test excavations (if applicable) including the presence and location of registered or undiscovered Aboriginal artefacts or heritage items within proximity of the study area.
- A summary of any other relevant studies or surveys which have relevance to the assessment area.
- A summary of the landscape features of the site which may indicate a history of Aboriginal activity.
- A summary of previous land use that may have affected the retention of intact Aboriginal archaeology in the landscape.
- The potential or likelihood for the proposed works to uncover or expose potential undiscovered Aboriginal objects.
- Survey results and, if undertaken, test excavation results.
- Legislative implications of the proposed works.
- Recommendations and justification for further assessment (if required).
- Mitigation measures (if any) required for the works to proceed.
- Mapping to show the location of registered and newly located (if any) Aboriginal sites in relation to the proposed works.

RAPs will be provided with the draft report for comment and allowed **28 days** for review.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the *Northern District Times* 6 February 2019. Notices sent to identified Aboriginal parties on 7 February 2019.
Aboriginal stakeholder registration period	Completed	Registration period ran from 6-21 February 2019.
Cultural survey	TBC	Following closure of consultation Stage 1
Archaeological test excavations with selected representatives of RAPs, if required	TBC	TBC
Information gathering	Continuous	Until finalisation of report.
Review of draft report	TBC	28 days review time allowed under OEH Aboriginal Community Consultation Guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs are expected to respond to requests for cultural information and comment on draft reporting, as appropriate in accordance with their role specified in the guidelines (DECCW 2010a, p. 16). Biosis and the proponent, in accordance with their role under the guidelines, will

consult with the Aboriginal community by supplying suitable project information and providing the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a, pp. 16-17).

Each section of the methodology will be undertaken in consultation with the Aboriginal stakeholders. Biosis invites Aboriginal stakeholders to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public then the Aboriginal stakeholder should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

References

DECCW 2010a, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

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27 February 2019

Caine Carroll
Goodradigbee Cultural & Heritage Aboriginal Corporation
1 Morilla Road
East Kurrajong NSW 2758

Dear Caine Carroll,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Project Methodology
Our Ref: 29211

This letter is being provided to all the Registered Aboriginal Parties (RAPs) who registered their interest in the consultation process for the St Joseph's College Physical Education and Sports Precinct Project being undertaken by St Joseph's College (Figure 1, Figure 2).

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements), we provide the proposed methodology for the Aboriginal Cultural Heritage Assessment (ACHA) for your review and feedback.

It would be appreciated if you could provide feedback on the methodology to Biosis Pty Ltd by **5pm on Wednesday 27 March 2019**, either by email or return mail.

Please address methodology feedback to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.



Kind regards,

Charlotte Allen
Archaeologist

Stage 3: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with the proposed methodology for the cultural heritage and archaeological assessment.

Biosis has been engaged by St Joseph's College to conduct an Aboriginal Cultural Heritage Assessment (ACHA), as part of an Environmental Impact Statement and to provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application.

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010b) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area. However, an Aboriginal Cultural Heritage Assessment is required to support the project State Significant Development application, including consultation with the Aboriginal community. As part of this consultation, an aboriginal cultural survey will be undertaken with a representative of the RAPs.

Assessment methodology

Aims of the survey

The principle aims of the survey are to:

- Undertake a systematic archaeological survey of the study area in accordance with the code, while targeting areas with the potential for Aboriginal heritage.
- Identify and record Aboriginal archaeological sites visible on the ground surface.
- Identify and record areas of potential archaeological deposit (PAD).

Survey methodology

The survey methods are intended to assess and understand the landforms and to determine whether any archaeological material from Aboriginal occupation or land use exists within the study area. Identification of natural soil deposits within the study area will be undertaken if possible. Photographs and recording techniques will be incorporated into the survey including representative photographs of survey units, landforms, vegetation coverage, ground surface visibility and the recording of soil information for each survey unit. Any Aboriginal objects observed during the survey will be documented and photographed. No artefacts discovered during the survey component are to be removed from the site.

Recording during the survey will follow the guidelines of the OEH, in particular the *Code of practice for archaeological investigation of Aboriginal objects in New South Wales* (DECCW 2010c) (the code).

Specific information that will be recorded during the survey includes:

- Aboriginal objects or sites present in the study area.
- Survey coverage.
- Survey effectiveness.
- Any resources that may have potentially been exploited by Aboriginal people.
- Landforms and general soil information.
- Photographs of the site indicating landforms.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees, shell middens or any other Aboriginal sites.

Distinguishing landform elements and their association with Aboriginal cultural heritage will assist with the identification of site patterning, though with the awareness of the following limitations:

- The degree of ground surface visibility (GSV) and amount of exposed areas can significantly bias the discovery of surface artefacts.
- Cultural material exposed on the surface is not necessarily representative of the potential extent of the site (either horizontally or vertically).

Information about the presence of potentially exploitable resources helps contribute to predictions of the Aboriginal sites that may occur within the study area. Information about GSV, DV and areas of exposures help to provide a general indication of the effectiveness of the survey for identifying Aboriginal cultural heritage exposed to the surface. Observable disturbances are also considered when assessing the integrity of known or potential sites in an area. The location of Aboriginal cultural heritage and points marking the boundary of the landform elements will be recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

Test excavation methodology

Should areas of archaeological potential or cultural values be identified during the cultural survey, test excavations will be conducted in accordance with the requirements of the code.

Aims of the sub-surface test excavations

The principle objectives of the subsurface test excavations would be to identify and understand the nature, extent and significance of any archaeological sites located within areas of archaeological potential.

The aims of the testing program would be to:

- Determine whether sub-surface archaeological deposits exist which may be impacted by the development.
- If so, to determine the extent and nature of such deposits.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, shell midden deposits, etc.) recovered during the testing program.

- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.

Test excavation sampling strategy

Test excavations across the study area would conform to the following methodology:

- Test excavations will be undertaken in areas identified as having the potential to contain Aboriginal cultural material.
- Test excavations will be conducted in 50 x 50 centimetre units.
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- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
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    - Amount and location of cultural material within the deposit
    - Nature of disturbance where present

- Stratigraphy
- Archaeological features (if present)
- Photographic records
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- The test excavation unit must be backfilled as soon as practicable due to safety issues.
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Storage of cultural material

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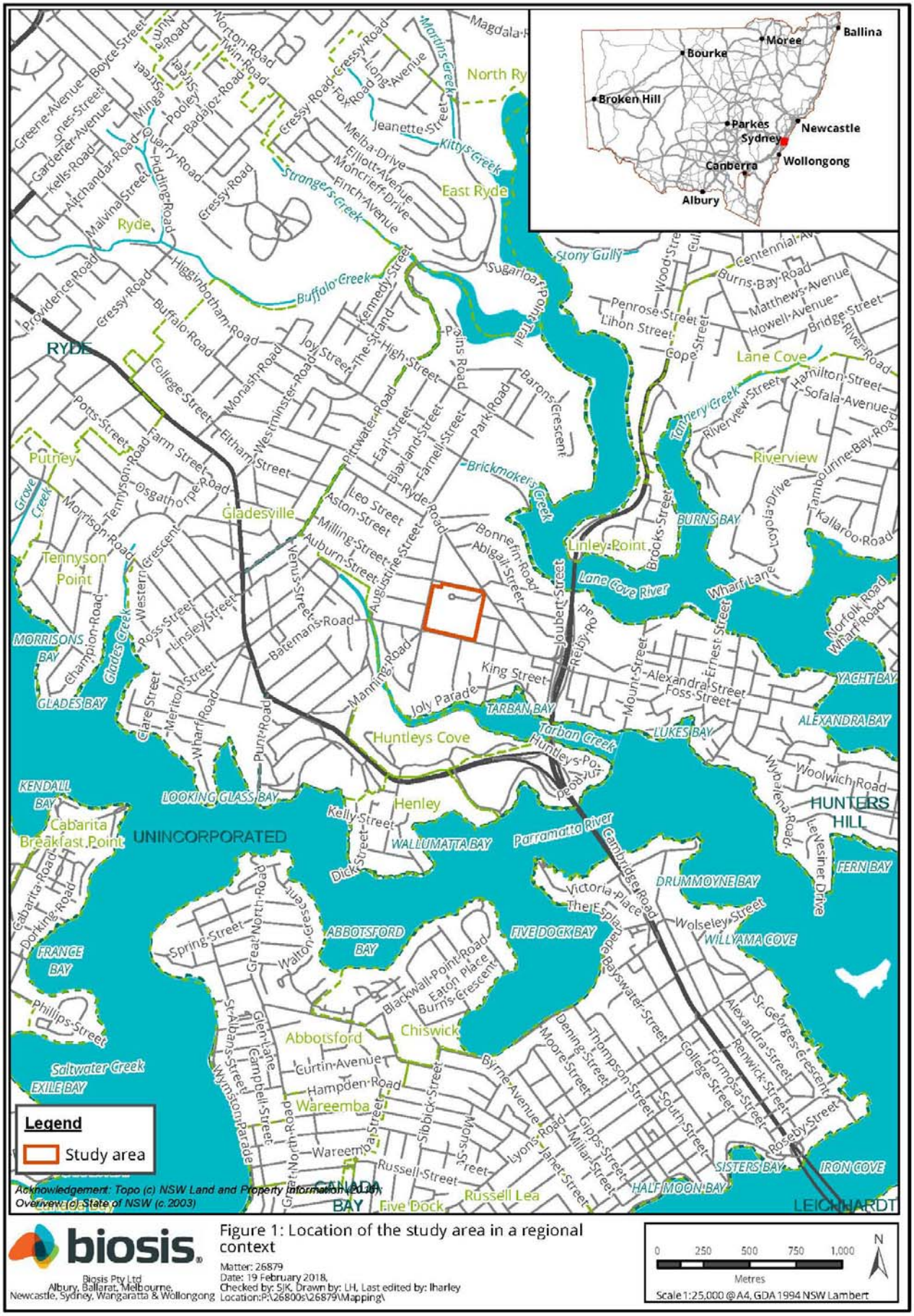
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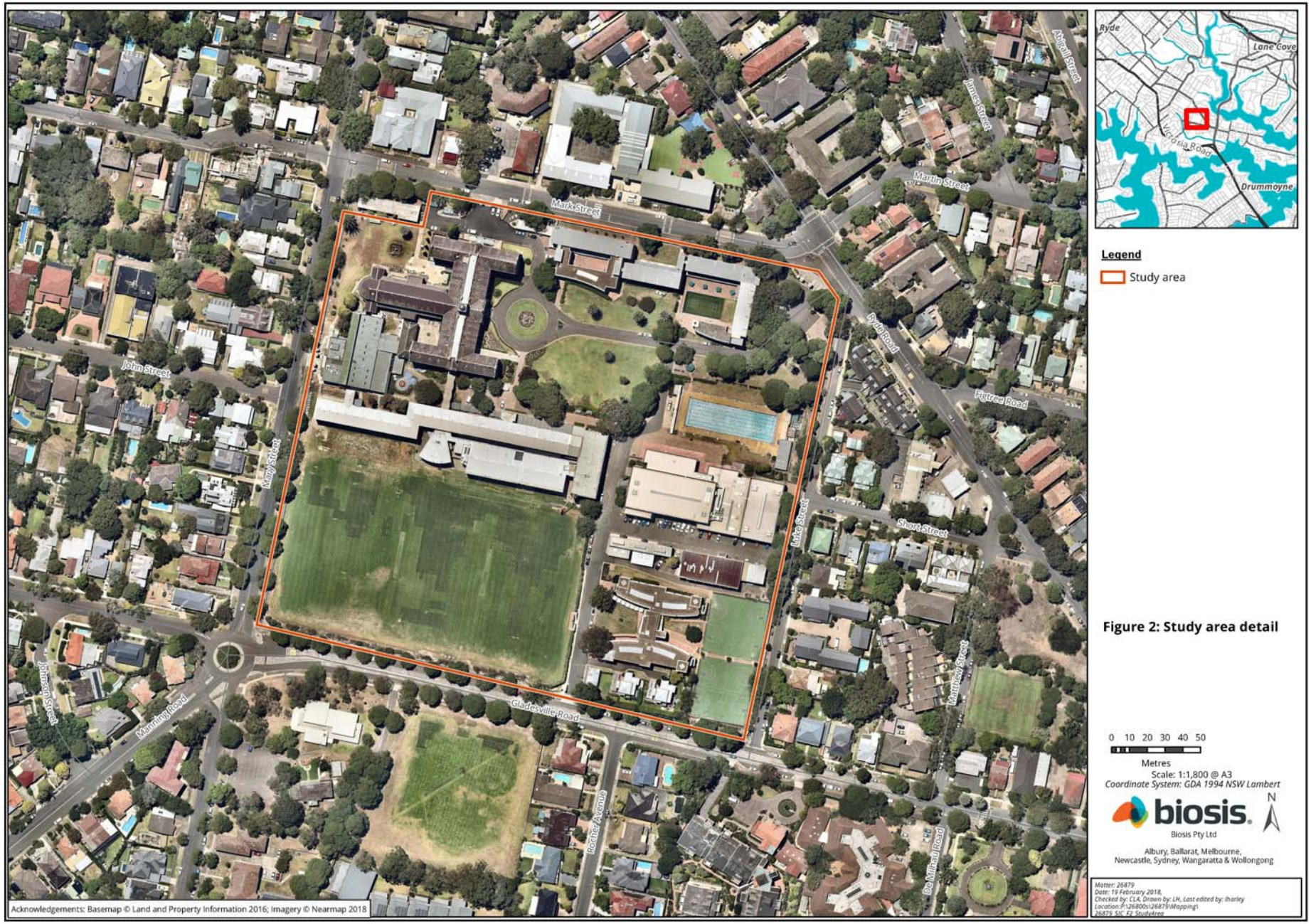


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Biosis Pty Ltd
Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Figure 1: Location of the study area in a regional context

Matter: 26879
Date: 19 February 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping\



Legend

Study area

Figure 2: Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,800 @ A3

Coordinate System: GDA 1994 NSW Lambert

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Matter: 26879
Date: 19 February 2018,
Checked by: CLA, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping
26879_SIC_F2_StudyArea

1 March 2019

Nathan Moran
Metropolitan Local Aboriginal Land Council
PO Box 1103
Strawberry Hills NSW 2016

Dear Nathan Moran,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – project information
Our Ref: Matter 29211

Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW. This information has been provided in accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements).

In this letter you will find the project information pack, and attached to this correspondence is the following document:

- St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology

The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.

Please note that comments on the project methodology pack should be received before **4 pm Friday 29 March 2019**.

As this project will involve a field investigation and potentially test excavations, the purpose of the second letter is to invite your feedback on the proposed project information and methodology packs, and to assist the proponent in the programing of groups for participation in the test excavations which will be carried out within the study area, should they be required.

If you have any queries regarding the project or the information in this letter, please don't hesitate to contact us.

Yours sincerely



Charlotte Allen

Archaeologist
callen@biosis.com.au

Project information

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with information about the proposed project and the scope of the Aboriginal archaeology and cultural heritage investigations and assessment.

Study area

The study area is located within the Hunters Hill Local Government Area (LGA), Parish of Hunters Hill, County of Cumberland. It encompasses Lot 2, DP 527024 at Mark Street, Hunters Hill NSW (Figure 1 and Figure 2.

Project

St Joseph's College are proposing to develop a new Physical Education and Sports Precinct. The project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 55 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer.
  - Driveway entry to the PESPP (no new vehicular cross overs).
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site.
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

Biosis Pty Ltd is assisting St Joseph's College with consultation with the Aboriginal community and the Aboriginal Cultural Heritage Assessment. Consultation with the Aboriginal community will follow the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a). The purpose of the Aboriginal community consultation will be to provide sufficient information for the assessment of Aboriginal cultural heritage values and to inform the Aboriginal cultural heritage assessment (ACHA).

The ACHA will support an Environmental Impact Statement and provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application. The project will be undertaken in accordance with the *National Parks and Wildlife Act 1974*. The development of the school will be assessed as a SSD under Section 89(c) of the *Environmental Planning and Assessment Act 1979* and Schedule 1 of the State Environmental Planning Policy (State and Regional Development) 2011(SSD 8970).

Aboriginal Cultural Heritage Assessment process

The assessment process includes the following steps:

Background research

Background research has been undertaken in order to identify known Aboriginal sites, areas of potential archaeological sensitivity and previous disturbance, and inform the predictive modelling for the assessment area. Background research will be conducted in line with the requirements of the *Code of practice for the investigation of Aboriginal objects in New South Wales* (DECCW 2010b) ('the code'). Background research for the project included the following tasks:

- Conduct heritage register searches to identify previously recorded cultural heritage sites in or within the vicinity of the proposed study area. Searches will include the Aboriginal Heritage Information Management System (AHIMS), the National Heritage List, Commonwealth Heritage List, Register of the National Estate, State Heritage Register, Local Environmental Plan and National Trust heritage lists.
- Conduct additional background research in order to recognise any identifiable regional trends in site distribution and location and provide a site prediction model for the study area.
- Undertake a comprehensive survey of the study area, identifying any previously recorded sites (on AHIMS).
- Record and assess sites identified during the survey in compliance with the guidelines issued by the OEH.
- Assess the scientific significance of all identified Aboriginal cultural heritage sites and places.
- Identify impacts to all identified Aboriginal cultural heritage sites and places based on potential ground disturbance from the proposed realignment of the road.
- Make recommendations to minimise or mitigate potential impacts of the proposed realignment upon cultural heritage values within the study area.

Consultation with the Aboriginal community

This task will allow the Aboriginal community the opportunity to participate in decisions regarding the management of their cultural heritage by providing proponents information regarding cultural significance and input into management options.

Consultation with Aboriginal stakeholders under the DECCW 2010a consultation guidelines is being undertaken to assist St Joseph's College by:

- Providing relevant information about the cultural significance and values of the Aboriginal object(s) and/or place(s) within the study area.
- Influencing the design of the method to assess cultural and scientific significance of Aboriginal objects(s) and/or place(s) within the study area.
- Actively contributing to the development of cultural heritage management plan options and recommendations for any Aboriginal object(s) and/or place(s) within the proposed study area.
- Commenting on the draft assessment reports before they are submitted by the proponent to the determining authority of the proposed realignment.

Aboriginal community consultation will be undertaken in accordance with the consultation requirements, which includes:

- **COMPLETED.** Ascertaining the names of Aboriginal people or groups who may hold cultural knowledge relevant to determining the significance of Aboriginal objects and/ or places within the proposed study area. This would include writing to the following:
  - Office of Environment and Heritage (OEH)
  - Local Aboriginal Land Council (LALC)
  - Office of the Registrar (Aboriginal Land Rights Act 1983)
  - National Native Title Tribunal (NNTT)
  - Native Title Services Corporation Limited (NTSCORP Limited)
  - Relevant Local Councils
  - Relevant Catchment Management Authorities
- **COMPLETED.** Biosis will undertake the 'Placement of Notification' (Public Notice) in the *Penrith Press*, on behalf of St Joseph's College, that must include details of the proponent, the project, the exact location, and statement of the purpose of the community consultation in preparation for possible test excavations. The Public Notice is also an invitation for Aboriginal people who hold relevant cultural knowledge about the study area. A closing date for the registration must be included and be no less than **14 days**. **Registrations closed on 19 February 2019**.
- **COMPLETED.** Aboriginal people or groups identified were provided with notification of the proposed project via Biosis and given the opportunity to be involved in consultation. **Registrations of interest closed on 21 February 2019**.
- A list of Aboriginal people or groups who registered an interest in the project will be forwarded to the OEH and Deerubbin LALC by Biosis no later than **28 days** following close of registration. This list

will not include those people or groups who specified that they did not want their details shared with OEH or the LALC.

- Biosis will provide details of the project and methodology for the archaeological assessment to the registered parties. The RAPs must be given an opportunity to review and provide feedback to the proponent within a minimum of **28 days** of the Biosis providing the methodology document.
- Selected representatives of the RAPs will be given the opportunity to participate in test excavations within the study area, should they be required.
- The DRAFT ACHA and Archaeological Report will be provided to all RAPs for comment – the proponent must allow **28 days** for comment. All comments and correspondence sent and received regarding the project will be included in the final report in an Appendix.

Field Survey

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010c) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area.

There are several registered Aboriginal sites in the vicinity of the study area. However, it was not possible to access or relocate these sites. These sites were not relocated during the survey. This task assisted in the assessment of disturbance and aided predictive modelling for areas of potential archaeological deposit, and an assessment of whether the proposed excavation works are likely to impact on undiscovered Aboriginal artefacts.

Aboriginal cultural survey

A further survey will be undertaken with a representative from a registered Aboriginal party in order to identify any further Aboriginal cultural heritage values not previously identified in the Due Diligence Assessment field survey. This survey will be undertaken in accordance with the requirements of the Should this survey identity areas of archaeological potential or cultural values, test excavations will be conducted in accordance with the requirements of the code. Further information on the methodology for test excavation and the areas of potential archaeological deposit within the study area is available in the project methodology.

Test excavations

Should the results of the survey indicate that there is an area of archaeological potential within the study area, Biosis will conduct test excavations in accordance with the requirements of the *Code of Practice for the Archaeological Investigation of Aboriginal Objects* (DECCW 2010b). Further information on the methodology for test excavation is available in the project methodology.

Reporting

A draft ACHA report and archaeological report will be prepared in accordance with the code and will include:

- Background and project description.

- A summary and analysis of the findings of the archaeological survey and test excavations (if applicable) including the presence and location of registered or undiscovered Aboriginal artefacts or heritage items within proximity of the study area.
- A summary of any other relevant studies or surveys which have relevance to the assessment area.
- A summary of the landscape features of the site which may indicate a history of Aboriginal activity.
- A summary of previous land use that may have affected the retention of intact Aboriginal archaeology in the landscape.
- The potential or likelihood for the proposed works to uncover or expose potential undiscovered Aboriginal objects.
- Survey results and, if undertaken, test excavation results.
- Legislative implications of the proposed works.
- Recommendations and justification for further assessment (if required).
- Mitigation measures (if any) required for the works to proceed.
- Mapping to show the location of registered and newly located (if any) Aboriginal sites in relation to the proposed works.

RAPs will be provided with the draft report for comment and allowed **28 days** for review.

Project schedule

The proposed schedule and time allocations for the consultation stages are summarised below.

Action	Timeframe	Potential constraints
Commencement of Aboriginal community consultation – advertising of project and notification to stakeholders	Completed	Project advertised in the *Northern District Times* 6 February 2019. Notices sent to identified Aboriginal parties on 7 February 2019.
Aboriginal stakeholder registration period	Completed	Registration period ran from 6-21 February 2019.
Cultural survey	TBC	Following closure of consultation Stage 1
Archaeological test excavations with selected representatives of RAPs, if required	TBC	TBC
Information gathering	Continuous	Until finalisation of report.
Review of draft report	TBC	28 days review time allowed under OEH Aboriginal Community Consultation Guidelines.
Final report	TBC	TBC

Responsibilities and roles

As part of the consultation process, RAPs are expected to respond to requests for cultural information and comment on draft reporting, as appropriate in accordance with their role specified in the guidelines (DECCW 2010a, p. 16). Biosis and the proponent, in accordance with their role under the guidelines, will

consult with the Aboriginal community by supplying suitable project information and providing the opportunity for Aboriginal stakeholders to provide input into the heritage management process (DECCW 2010a, pp. 16-17).

Each section of the methodology will be undertaken in consultation with the Aboriginal stakeholders. Biosis invites Aboriginal stakeholders to provide culturally appropriate information via mail, email or phone with regards to this project.

Cultural information provided will be recorded in the Aboriginal consultation log and discussed in the report. If the information is regarded as too sensitive to be made public then the Aboriginal stakeholder should advise Biosis and identify the nature of the sensitivity. Biosis will then arrange for the recording of the information in accordance with its sensitivity. Documents which hold sensitive information will clearly list, on the front cover, who can have access to the document. These documents will be stored securely.

References

DECCW 2010a, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010c, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

1 March 2019

Nathan Moran
Metropolitan Local Aboriginal Land Council
PO Box 1103
Strawberry Hills NSW 2016

Dear Nathan Moran,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Project Methodology
Our Ref: 29211

This letter is being provided to all the Registered Aboriginal Parties (RAPs) who registered their interest in the consultation process for the St Joseph's College Physical Education and Sports Precinct Project being undertaken by St Joseph's College (Figure 1, Figure 2).

In accordance with the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010a) (consultation requirements), we provide the proposed methodology for the Aboriginal Cultural Heritage Assessment (ACHA) for your review and feedback.

It would be appreciated if you could provide feedback on the methodology to Biosis Pty Ltd by **5pm on Friday 29 March 2019**, either by email or return mail.

Please address methodology feedback to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.

Kind regards,



Charlotte Allen
Archaeologist

Stage 3: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment: Methodology

The following information has been provided in accordance with the consultation requirements. The aim of this document is to provide registered Aboriginal parties (RAPs) with the proposed methodology for the cultural heritage and archaeological assessment.

Biosis has been engaged by St Joseph's College to conduct an Aboriginal Cultural Heritage Assessment (ACHA), as part of an Environmental Impact Statement and to provide sufficient information for the consideration of Aboriginal cultural heritage values as part of the State Significant Development (SSD) application.

An Aboriginal archaeological survey of the study area was undertaken on 21 February 2018 as part of an Aboriginal cultural heritage due diligence assessment. This survey was undertaken in accordance with the guidelines outlined in the *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales* (DECCW 2010b) in order to identify any previously unknown Aboriginal objects, sites or places. The survey did not identify any areas of Aboriginal archaeological potential within the study area due to the extent of disturbance from earlier development of the study area. However, an Aboriginal Cultural Heritage Assessment is required to support the project State Significant Development application, including consultation with the Aboriginal community. As part of this consultation, an aboriginal cultural survey will be undertaken with a representative of the RAPs.

Assessment methodology

Aims of the survey

The principle aims of the survey are to:

- Undertake a systematic archaeological survey of the study area in accordance with the code, while targeting areas with the potential for Aboriginal heritage.
- Identify and record Aboriginal archaeological sites visible on the ground surface.
- Identify and record areas of potential archaeological deposit (PAD).

Survey methodology

The survey methods are intended to assess and understand the landforms and to determine whether any archaeological material from Aboriginal occupation or land use exists within the study area. Identification of natural soil deposits within the study area will be undertaken if possible. Photographs and recording techniques will be incorporated into the survey including representative photographs of survey units, landforms, vegetation coverage, ground surface visibility and the recording of soil information for each survey unit. Any Aboriginal objects observed during the survey will be documented and photographed. No artefacts discovered during the survey component are to be removed from the site.

Recording during the survey will follow the guidelines of the OEH, in particular the *Code of practice for archaeological investigation of Aboriginal objects in New South Wales* (DECCW 2010c) (the code).

Specific information that will be recorded during the survey includes:

- Aboriginal objects or sites present in the study area.
- Survey coverage.
- Survey effectiveness.
- Any resources that may have potentially been exploited by Aboriginal people.
- Landforms and general soil information.
- Photographs of the site indicating landforms.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees, shell middens or any other Aboriginal sites.

Distinguishing landform elements and their association with Aboriginal cultural heritage will assist with the identification of site patterning, though with the awareness of the following limitations:

- The degree of ground surface visibility (GSV) and amount of exposed areas can significantly bias the discovery of surface artefacts.
- Cultural material exposed on the surface is not necessarily representative of the potential extent of the site (either horizontally or vertically).

Information about the presence of potentially exploitable resources helps contribute to predictions of the Aboriginal sites that may occur within the study area. Information about GSV, DV and areas of exposures help to provide a general indication of the effectiveness of the survey for identifying Aboriginal cultural heritage exposed to the surface. Observable disturbances are also considered when assessing the integrity of known or potential sites in an area. The location of Aboriginal cultural heritage and points marking the boundary of the landform elements will be recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

Test excavation methodology

Should areas of archaeological potential or cultural values be identified during the cultural survey, test excavations will be conducted in accordance with the requirements of the code.

Aims of the sub-surface test excavations

The principle objectives of the subsurface test excavations would be to identify and understand the nature, extent and significance of any archaeological sites located within areas of archaeological potential.

The aims of the testing program would be to:

- Determine whether sub-surface archaeological deposits exist which may be impacted by the development.
- If so, to determine the extent and nature of such deposits.
- Identify if the archaeological material occurs in an intact, undisturbed context, by examining the soil profile and stratigraphy.
- Analyse and interpret any archaeological finds (such as stone artefacts, shell midden deposits, etc.) recovered during the testing program.

- Inform current knowledge of Aboriginal occupation and land use models of the region.
- Provide management and mitigation measures for Aboriginal archaeological objects located during the subsurface testing program.

Test excavation sampling strategy

Test excavations across the study area would conform to the following methodology:

- Test excavations will be undertaken in areas identified as having the potential to contain Aboriginal cultural material.
- Test excavations will be conducted in 50 x 50 centimetre units.
- The test excavation units will be excavated by hand (inclusive of trowels, spades and other hand tools) along transects at intervals of between 10 – 20 metres or other justifiable and regular spacing (being no smaller than five metres).
- The first test pit within a site or PAD area will be excavated in five centimetre spits; the subsequent test pits conducted within the site or PAD area can then be excavated in either 10 centimetre spits or stratigraphic units (whichever is smaller) to the base of Aboriginal object-bearing units being the removal of the A-horizon soil deposit down to the sterile clay or bedrock layer (B-horizon).
- If the depth of deposit prevents reaching sterile deposits within the 50 x 50 centimetre test pit, additional 50 x 50 centimetre test pits may be excavated adjacent to the original test pit (for example expanding the test pit to 50 x 100 centimetres) to reach the sterile deposits.
- Test pits may be combined and excavated as necessary in 50 x 50 centimetre units for the purposes of further understanding site characteristics. Note that under the Code, the maximum area that can be excavated in any one continuous area is three metres squared (3 m^2).
- The Code dictates that the maximum surface area of all test excavation units must be no greater than 0.5% of the PAD or area being investigated.
- All excavated soil will be sieved in 5mm sieves. Dry sieving will be attempted in the first instance, however wet sieving may be used if deposits cannot be dry sieved.
- All cultural material will be collected, bagged and clearly labelled. They will be temporarily stored in the Biosis office for analysis (at Unit 14, 17-27 Power Avenue, Alexandria).
- The following documentation will be taken for the test pit:
    - Unique test pit identification number
    - GPS coordinate
    - Munsell soil colour, texture and pH
    - Amount and location of cultural material within the deposit
    - Nature of disturbance where present

- Stratigraphy
- Archaeological features (if present)
- Photographic records
- Spit records

- The test excavation unit must be backfilled as soon as practicable due to safety issues.
- An AHIMS Site Impact Recording form will be completed and submitted to the AHIMS Registrar for any sites impacted during test excavations.
- In the event that suspected human remains are identified works will immediately cease and the NSW Police and OEH will be notified.
- Test excavations will cease when enough information* has been recovered to adequately characterise the objects present with regard to their nature and significance.

*Enough information is defined by OEH as meaning "the sample of excavated material clearly and self-evidently demonstrates the deposit's nature and significance. This may include things like locally or regionally high object density: presence of rare or representative objects: presence of archaeological features: or locally or regionally significant deposits stratified or not." (DECCW 2010c).

Storage of cultural material

Any cultural material identified during test excavations will be temporarily stored in the Biosis, Sydney office for analysis (Unit 14, 17-27 Power Avenue, Alexandria).

Once the cultural material has been analysed, the cultural material can be managed in the following manners:

- Cultural material can be held by the Aboriginal community under a care and control agreement.
- Cultural material can be returned to country and reburied as soon as practicable in a secure location in accordance with Requirements 16b and 26 of the code.

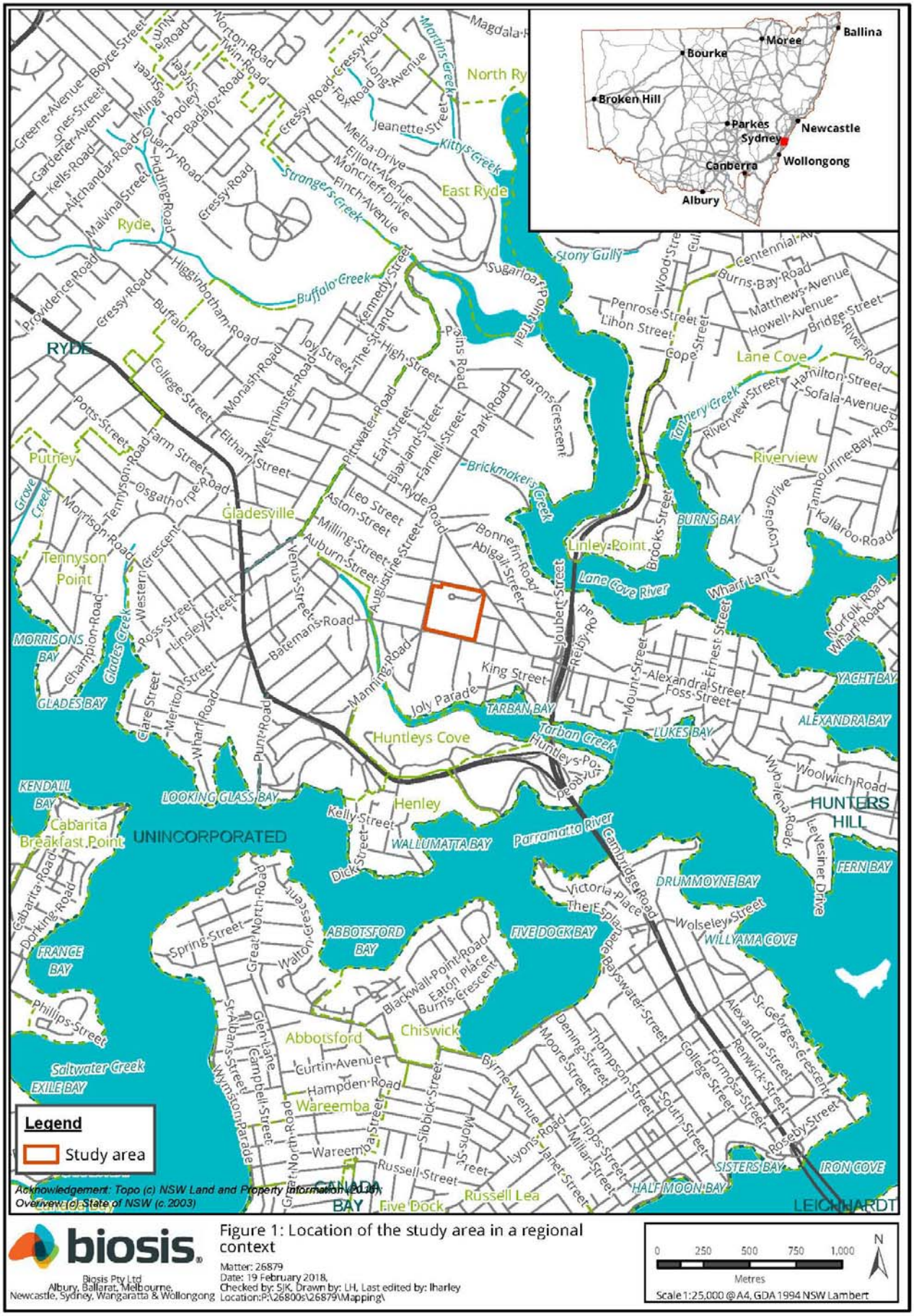
Biosis requests any comments regarding the care and control of any cultural material be included as part of the review of this assessment methodology.

References

DECCW 2010a, *Aboriginal cultural heritage consultation requirements for proponents*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010c, *Code of practice for Archaeological Investigation of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

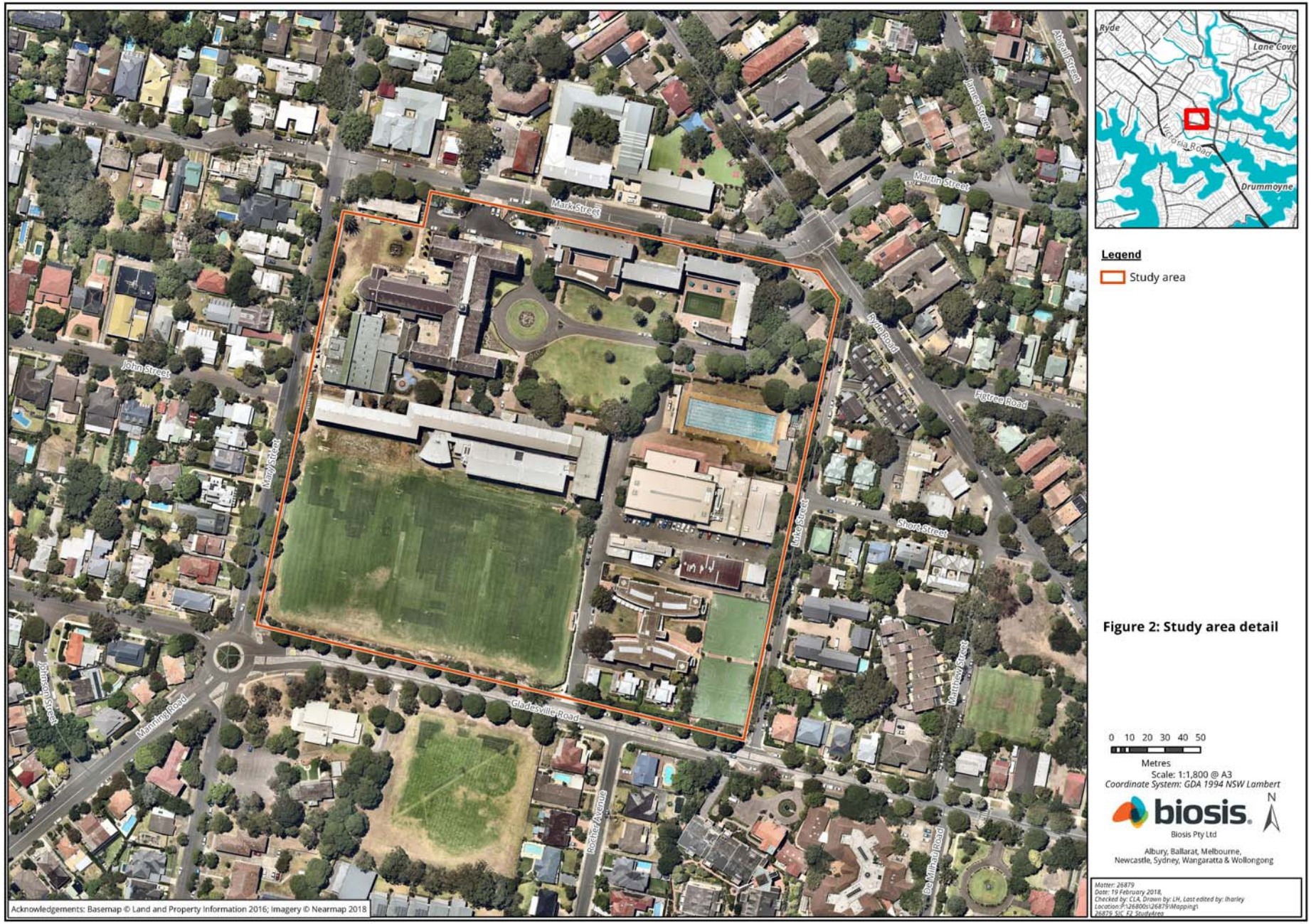


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Newcastle, Sydney, Wangaratta & Wollongong

Figure 1: Location of the study area in a regional context

Matter: 26879
Date: 19 February 2018,
Checked by: SJK, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping\



Legend

Study area

Figure 2: Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,800 @ A3

Coordinate System: GDA 1994 NSW Lambert

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Biosis Pty Ltd

Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 26879
Date: 19 February 2018,
Checked by: CLA, Drawn by: LH, Last edited by: lharley
Location:P:\26800s\26879\Mapping
26879_SIC_F2_StudyArea

From:	Darug Land Observations
To:	Charlotte Allen
Subject:	Re: 29211 St Joseph"s College Aboriginal Cultural Heritage Assessment - Stage 2 and 3 consultation
Date:	Wednesday, 6 March 2019 12:58:26 PM
Attachments:	image5dbeb4.PNG AHIP Comments letter BIOSIS (HuntersHill).docx

Hi Charlotte,

Please find attached letter in reply to the Aboriginal Cultural Heritage Assessment: Project Information & Methodology for the proposed new development of the Physical Education & Sports Precinct project at St Josephs College, located at Mark Street, in Hunters Hill.

Look forward to working with you on this project.

Kind Regards,

Anna

On Wed, Feb 27, 2019 at 10:03 AM Charlotte Allen <callen@biosis.com.au> wrote:

> Good morning,
>
> Thank you for your registration of interest in this project. We are writing to you in order to provide you with the project information and methodology packs for the proposed development of a new Physical Education and Sports Precinct at St Joseph's College, Hunters Hill NSW.
>
> In this letter you will find the project information pack, and attached to this correspondence is the St Joseph's College Aboriginal Cultural Heritage Assessment – Project methodology. The purpose of the methodology document is to provide you with further information on the background of this assessment, as well as the methodology for how it will be conducted, including test excavations should they be required.
>
> Please note that comments on the project methodology pack should be received before 4 pm Wednesday 27 March 2019. Please address methodology feedback to:
>
> Charlotte Allen
> Biosis Pty Ltd
> Unit 14, 17-27 Power Avenue
> Alexandria NSW 2015
> callen@biosis.com.au
>
> Please do not hesitate to contact me if you require additional information or have any queries about the methodology or information provided.
>
> Kind regards,
> Charlotte
>
> **Charlotte Allen**
> Archaeologist
> M: 0437 641 267
> D: (02) 9101 8712
> E: callen@biosis.com.au
> Biosis Logo
> Leaders in Ecology and Heritage Consulting
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DARUG LAND
OBSERVATIONS PTY LTD
ABN 27 602 765 453

EMAIL: DARUGLANDOBSERVATIONS@GMAIL.COM
PO BOX 173 ULLADULLA NSW 2539
MOBILE: 0413 687 279

6th March, 2019

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
ALEXANDRIA NSW 2015

Dear Charlotte,

RE: ST JOSEPHS COLLEGE, MARK STREET, HUNTERS HILL

Aboriginal Cultural Heritage Assessment: Project Information & Methodology

Darug Land Observations Pty Ltd (DLO) has reviewed the Aboriginal Cultural Heritage Assessment: Project Information and Methodology, and supports the methodology for the proposed development of a Physical Education and Sports Precinct Project at Lot 2 DP 527024, located at Mark Street, in Hunters Hill.

In relation to the long-term storage of recovered artefacts, we strongly believe that recovered artefacts should be re-buried on Country (the study area), however, if this is not a suitable option, we agree with a care and control agreement.

Furthermore, we would like to be involved in the field survey, archaeological test excavations and/or all other forms of works to be carried out on the site.

Look forward to working with you on this project.

Yours sincerely,

Jamie Workman
Darug Land Observations Pty Ltd

Uncle Gordon Workman
Darug Elder

From:	Caza X
To:	Ashley Bridge
Subject:	Re: 29211 - St Joseph"s College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Project information and methodology
Date:	Saturday, 9 March 2019 4:45:40 PM
Attachments:	image8321d7.PNG

A1

Indigenous Services
Contact: Carolyn
M: 0411650057
E: Cazadirect@live.com
A: 10 Marie Pitt Place, Glenmore Park, NSW 2745
ABN: 20 616 970 327

Hi Ashley,
A1 Supports the Methodology for the St Joseph's College Physical Education and Sports Precinct Project.

A1 would like to be involved in the field work , I have 15 years experience in cultural heritage work, my staff and I will bring experience and professionalism to each job.
I have attached a contact of reference to attest to our quality of work.
Reference;
Tristan Miller (Kelleher Nightingale Consulting)
Mobile ; 0432925680

Thank you
Carolyn Hickey

From: Ashley Bridge
Sent: Friday, 1 March 2019 10:18 AM
To: 'cazadirect@live.com'
Subject: 29211 - St Joseph's College Physical Education and Sports Precinct Project, Aboriginal cultural heritage assessment (ACHA) - Project information and methodology
Good Morning,

Following your registration for the St Joseph's College Aboriginal cultural heritage assessment (ACHA), please find enclosed a copy of the project information and methodology for your comment and review.

Please send any comments you have on the project methodology to Biosis via return mail, email or phone no later than 4pm Friday 29 March 2019.

If you have any queries regarding the project or information in this letter, please do not hesitate to contact us.

Kind Regards,
Ashley

Ashley Bridge
Research Assistant - Heritage

M: 0437 689 734
D: (02) 9101 8721
E: abridge@biosis.com.au

Biosis Logo

Leaders in Ecology and Heritage Consulting

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From:	Charlotte Allen
To:	"metrolalc@metrolalc.org.au"
Subject:	Enquiry regarding site survey, Hunters Hill
Date:	Thursday, 14 February 2019 12:24:10 PM
Attachments:	Aboriginal-Site-Survey-Request-Form_Jan2019.pdf image3b093.PNG

Hello,

Please find attached a site survey request form for a survey for St Joseph's College, Mark Street, Hunters Hill NSW. If you have any questions please do not hesitate to contact me on the details below.

Many thanks and kind regards,
Charlotte

Charlotte Allen
Archaeologist

M: 0437 641 267
D: (02) 9101 8712
E: callen@biosis.com.au

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METROPOLITAN LOCAL ABORIGINAL LAND COUNCIL

Ph: 02 8394 9666 Fax: 02 8394 9733
36-38 George Street, Redfern NSW 2016
P.O. Box 1103, Strawberry Hills NSW 2012
Email: metrolalc@metrolalc.org.au

ABORIGINAL SITE SURVEY REQUEST

FEE DETAILS:

There is a fee of $600+GST for each officer for any works carried out 4 hours and under. Work carried out over 4 hours and up to 7 hours will cost $1,200+GST fee. *(Please be aware there is a minimum call out rate of 4 hours*). Metro LALC are able to provide a final Aboriginal Heritage Study Report for a fee of $250+GST

PERSON/COMPANY DETAILS *(details of person/company requesting survey)*:

Full Name:	Charlotte Allen		
Company Name:	Biosis Pty Ltd, on behalf of St Joseph's College		
Email Address:	callen@biosis.com.au		
Postal Address:	Unit 14, 17-27 Power Avenue, Alexandria NSW 2015		
Phone No.:	9101 8712	Mobile Contact:	0437 641 267

SITE SURVEY DETAILS *(details of site to be surveyed)*:

Site Address *(Please include lot details, etc. if required)*	St Joseph's College, Mark Street, Hunters Hill NSW		
Commencement Date:	22/02/2018	Estimated Time Frame:	08:00-10:00
Site Contact Name:	Charlotte Allen	Site Contact Phone No:	0437 641 267
Is a report required?	Yes ☐ No ☒		

BILLING DETAILS *(invoicing details)*:

Bill To:	St Josephs College		
Attention:	Mr Bernard Ryall Bill		
Email Address:	Please email invoice to callen@biosis.com.au		
Postal Address:	St Josephs College, Mark Street, Hunters Hill NSW 2110		
		Phone No.:	9216 0900
A.B.N No.:			

Office Use Only:

Date Received:		Confirmation No.:	
Representative:		Contact No.:	
Report Required:		Estimated Fee:	

From:	Damita McGuinness
To:	Charlotte Allen
Cc:	Cultural Heritage
Subject:	RE: Enquiry regarding site survey, Hunters Hill
Date:	Tuesday, 19 February 2019 5:04:35 PM
Attachments:	image003.png image004.png ASA1913 St Josephs School booking request.pdf

Hello Charlotte,

This booking is confirmed.

The representative for MLALC is Kevin Telford, ph: 0412 733 157. You may contact him directly.

Kind Regards

Damita McGuinness
Operations Manager

Metropolitan Local Aboriginal Land Council (MLALC)
36-38 George St, Redfern NSW 2016
PO Box 1103, Strawberry Hills NSW 2012
B: (02) 8394 9666 F: (02)8394 9733 W: www.metrolalc.org.au

Always Was * Always Will Be * Aboriginal Land

From: Charlotte Allen <callen@biosis.com.au>
Sent: Thursday, 14 February 2019 12:24 PM
To: metrolalc <metrolalc@metrolalc.org.au>
Subject: Enquiry regarding site survey, Hunters Hill

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Many thanks and kind regards,
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Appendix 4 Stage 4: Review of draft cultural heritage assessment report

3 April 2019

Carolyn Hickey
A1 Indigenous Services
10 Marie Pitt Place
Glenmore Park NSW 2745

Dear Carolyn ,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Our Ref: Matter 29211

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, enclosed is a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) for your review. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

In accordance with the *Aboriginal Cultural Heritage Consultation Requirements for Proponents* (DECCW 2010), we provide the ACHA and AR for your review and feedback. If you would like further information, please do not hesitate to contact us. It would be appreciated if you would provide feedback on the report to Biosis Pty Ltd by **5pm 1 May 2019** either by email, return mail or a phone call.

Please address feedback to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

If you have any queries regarding the study area or the information in this letter, please do not hesitate to contact Charlotte in the office on (02) 9101 8700 or on her mobile 0437 641 267.

Yours sincerely



Ashley Bridge
Research Assistant - Heritage

3 April 2019

Amanda Hickey
Amanda Hickey Cultural Services
41 Dempsey Street
Emu Heights NSW 2750

Dear Amanda,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Our Ref: Matter 29211

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, enclosed is a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) for your review. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

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callen@biosis.com.au

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Yours sincerely



Ashley Bridge
Research Assistant - Heritage

3 April 2019

Gordon Workman
Darug Boorooberongal Elders
73 Judith Anderson Drive
Doonside NSW 2767

Dear Gordon ,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Our Ref: Matter 29211

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, enclosed is a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) for your review. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

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callen@biosis.com.au

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Yours sincerely



Ashley Bridge
Research Assistant - Heritage

3 April 2019

Jamie and Anna Workman
Darug Land Observations
PO Box 2006
Bendalong NSW 2539

Dear Jamie and Anna,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Our Ref: Matter 29211

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, enclosed is a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) for your review. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

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callen@biosis.com.au

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Yours sincerely



Ashley Bridge
Research Assistant - Heritage

3 April 2019

Nathan Moran
Metropolitan Local Aboriginal Land Council
PO Box 1103
Strawberry Hills NSW 2016

Dear Nathan,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Our Ref: Matter 29211

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, enclosed is a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) for your review. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

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Biosis Pty Ltd
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Alexandria NSW 2015
callen@biosis.com.au

If you have any queries regarding the study area or the information in this letter, please do not hesitate to contact Charlotte in the office on (02) 9101 8700 or on her mobile 0437 641 267.

Yours sincerely



Ashley Bridge
Research Assistant - Heritage

3 April 2019

Lillie Carrol and Paul Boyd
Didge Ngunawal Clan
33 Carlyle Crescent
Cambridge Gardens NSW 2747

Dear Lillie Carrol and Paul Boyd,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Our Ref: Matter 29211

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, enclosed is a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) for your review. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

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callen@biosis.com.au

If you have any queries regarding the study area or the information in this letter, please do not hesitate to contact Charlotte in the office on (02) 9101 8700 or on her mobile 0437 641 267.

Yours sincerely



Ashley Bridge
Research Assistant - Heritage

3 April 2019

Basil Smith
Goobah Developments
66 Grantham Road
Batehaven NSW 2536

Dear Basil,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Our Ref: Matter 29211

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, enclosed is a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) for your review. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

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Please address feedback to:

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

If you have any queries regarding the study area or the information in this letter, please do not hesitate to contact Charlotte in the office on (02) 9101 8700 or on her mobile 0437 641 267.

Yours sincerely



Ashley Bridge
Research Assistant - Heritage

3 April 2019

Caine Carroll
Goodradigbee Cultural & Heritage Aboriginal Corporation
1 Morilla Road
East Kurrajong NSW 2758

Dear Caine,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Our Ref: Matter 29211

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, enclosed is a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) for your review. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

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Please address feedback to:

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Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

If you have any queries regarding the study area or the information in this letter, please do not hesitate to contact Charlotte in the office on (02) 9101 8700 or on her mobile 0437 641 267.

Yours sincerely



Ashley Bridge
Research Assistant - Heritage

3 April 2019

Scott Franks
Tocomwall
PO Box 76
Caringbah NSW 1495

Dear Scott,

RE: St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Our Ref: Matter 29211

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, enclosed is a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) for your review. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

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Please address feedback to:

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callen@biosis.com.au

If you have any queries regarding the study area or the information in this letter, please do not hesitate to contact Charlotte in the office on (02) 9101 8700 or on her mobile 0437 641 267.

Yours sincerely



Ashley Bridge
Research Assistant - Heritage

From:	Amanda Hickey
To:	Charlotte Allen
Subject:	Re: 29211 St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Date:	Wednesday, 3 April 2019 10:24:45 PM
Attachments:	image9a8fd7.PNG

Hi Charlotte
Thank you for the email
AHCS is happy with Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR)

Thank you for your time
Have a great day
Amanda AHCS

Get Outlook for Android

From: Charlotte Allen <callen@biosis.com.au>
Sent: Wednesday, April 3, 2019 9:50:36 AM
To: 'amandahickey@live.com.au'
Subject: 29211 St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR

Good morning,

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) can be downloaded at the following webpage for your review: https://spaces.hightail.com/receive/eVB4t4ADqd. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

If you would like further information, please do not hesitate to contact us. It would be appreciated if you would provide feedback on the report to Biosis Pty Ltd by 5pm 1 May 2019 either by email, return mail or a phone call. Please address feedback to:

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Unit 14, 17-27 Power Avenue
Alexandria NSW 2015
callen@biosis.com.au

If you have any queries regarding the study area or the information in this letter, please do not hesitate to contact me on the details below.

Kind regards,
Charlotte

Charlotte Allen
Archaeologist

M: 0437 641 267
D: (02) 9101 8712
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From:	Darug Land Observations
To:	Charlotte Allen
Subject:	Re: 29211 St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Date:	Monday, 22 April 2019 10:54:59 AM
Attachments:	image6b313b.PNG AHIP Comments letter BIOSIS (HuntersHill.).docx

Hi Charlotte,

Hope you had a great Easter long weekend!

Please find attached letter in reply to the draft Aboriginal Cultural Heritage Assessment and Archaeological Report for the proposed Physical Education and Sports Precinct at St Josephs College, located at Mark Street, in Hunters Hill.

Look forward to working with you again soon.

Kind Regards,

Anna

On Wed, Apr 3, 2019 at 9:50 AM Charlotte Allen <callen@biosis.com.au> wrote:

> Good morning,
>
> Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) can be downloaded at the following webpage for your review: https://spaces.hightail.com/receive/eVB4t4ADqd. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.
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> If you would like further information, please do not hesitate to contact us. It would be appreciated if you would provide feedback on the report to Biosis Pty Ltd by 5pm 1 May 2019 either by email, return mail or a phone call. Please address feedback to:
>
> Charlotte Allen
> Biosis Pty Ltd
> Unit 14, 17-27 Power Avenue
> Alexandria NSW 2015
> callen@biosis.com.au
>
> If you have any queries regarding the study area or the information in this letter, please do not hesitate to contact me on the details below.
>
> Kind regards,
> Charlotte
>
> **Charlotte Allen**
> Archaeologist
> M: 0437 641 267
> D: (02) 9101 8712
> E: callen@biosis.com.au
>
> Biosis Logo
>
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DARUG LAND
OBSERVATIONS PTY LTD
ABN 27 602 765 453

EMAIL: DARUGLANDOBSERVATIONS@GMAIL.COM
PO BOX 173 ULLADULLA NSW 2539
MOBILE: 0413 687 279

22nd April, 2019

Charlotte Allen
Biosis Pty Ltd
Unit 14, 17-27 Power Avenue
ALEXANDRIA NSW 2015

Dear Charlotte,

RE: ST JOSEPHS COLLEGE, MARK STREET, HUNTERS HILL

Aboriginal Cultural Heritage Assessment & Archaeological Report

Darug Land Observations Pty Ltd has reviewed the draft Aboriginal Cultural Heritage Assessment and Archaeological Report, and supports the methodology for the proposed development of a Physical Education and Sports Precinct Project at Lot 2 DP 527024, located at St Josephs College, Mark Street, in Hunters Hill.

Look forward to working with you again, in the near future.

Yours sincerely,

Jamie Workman
Darug Land Observations Pty Ltd

Uncle Gordon Workman
Darug Elder

From:	Danny Franks
To:	Charlotte Allen; Scott Franks
Subject:	Re: 29211 St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Date:	Thursday, 4 April 2019 11:33:10 AM
Attachments:	image2159c4.PNG pastedImage.png Aboriginal Cultural Heritage Assesment DRAFT RESPONSE ST JOSEPH COLLEGE.pdf

Dear Charlotte,

If you could read our response as well as logging it in your consultation table within the DRAFT Report and also maybe a special acknowledgement along with the other stakeholders who have provided information into this reporting process just after the cover page.

Regards,

Danny Franks
Cultural Heritage Manager
Tocomwall Pty Ltd

From: Charlotte Allen <callen@biosis.com.au>
Sent: Wednesday, 3 April 2019 9:50:39 AM
To: Danny Franks
Subject: 29211 St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR

Good morning,

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) can be downloaded at the following webpage for your review: https://spaces.hightail.com/receive/eVB4t4ADqd. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

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Kind regards,
Charlotte

Charlotte Allen
Archaeologist

M: 0437 641 267
D: (02) 9101 8712
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Tocomwall Pty Ltd
PO Box 76 Caringbah NSW 1495
Tel: 02 9542 7714 Fax: 02 9524 4146
Email: info@tocomwall.com.au www.tocomwall.com.au
ABN: 13 137 694 618

04 April 2019

Charlotte Allen
Biosis Pt Ltd
Unit 14, 17-27 Power Avenue
Alexandria
Email: Callen@biosis.com.au

Dear Charlotte,

RE: Aboriginal Cultural Heritage Assessment St Joseph College

STAGE 4 ACHA REVIEW

Thank you for engaging Tocomwall on a voluntary and unpaid capacity to Review and reply to you assessment report.

Ill start by referencing page (i)

"© Biosis Pty Ltd This document is and shall remain the property of Biosis Pty Ltd. The document may only be used for the purposes for which it was commissioned and **in accordance with the Terms of the Engagement for the commission**. Unauthorized use of this document in any form whatsoever is prohibited".

As Tocomwall has been accepted and identified as a stakeholder during this process I see it only fitting that I also review the terms of engagement. I believe that Biosis being a Heritage Management consultancy put their hands up to manage registered aboriginal parties when you received the list of registered stakeholders from OEH as well as registrations of interest from a broader spectrum of RAP's when they seen or replied to a public notice. Until My organization is engaged in a commercial setting we will not be adding value to your report. Tocomwall Pty Ltd is not a charity.

You have literally only engaged Metropolitan Lands Council (Commercially) to undertake a pedestrian survey. In what act or piece of legislation does it make reference to a lands council holding the right to provide traditional knowledge over any other indigenous stakeholder?

Regards,

Danny Franks
Director and Cultural Heritage Manager

From:	Charlotte Allen
To:	"Danny Franks"; Scott Franks
Subject:	RE: 29211 St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Date:	Wednesday, 1 May 2019 9:42:45 AM
Attachments:	image001.png image002.png

Dear Danny,
Many thanks for your response. My sincere apologies for the delay in responding to your email. I will log our correspondence in our consultation register and will include the details in the report, and will include a special acknowledgement for Tocomwall and the other registered Aboriginal parties for their involvement in the consultation and providing information as part of that process.
Many thanks and kind regards,
Charlotte

From: Danny Franks
Sent: Thursday, 4 April 2019 11:33 AM
To: Charlotte Allen ; Scott Franks
Subject: Re: 29211 St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Dear Charlotte,
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Regards,
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Cultural Heritage Manager
Tocomwall Pty Ltd

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To: Danny Franks
Subject: 29211 St Joseph's College Physical Education and Sports Precinct Project, Aboriginal Cultural Heritage Assessment – Draft ACHA and AR
Good morning,

Following up on your registration for the St Joseph's College Aboriginal cultural heritage assessment, a copy of the draft Aboriginal cultural heritage assessment report (ACHA) and archaeological report (AR) can be downloaded at the following webpage for your review: https://spaces.hightail.com/receive/eVB4t4ADqd. Once comments have been received by registered Aboriginal parties (RAPs), the comments will be incorporated into a final report which will then be issued to all RAPs for their records.

If you would like further information, please do not hesitate to contact us. It would be appreciated if you would provide feedback on the report to Biosis Pty Ltd by 5pm 1 May 2019 either by email, return mail or a phone call. Please address feedback to:

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If you have any queries regarding the study area or the information in this letter, please do not hesitate to contact me on the details below.

Kind regards,
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Leaders in Ecology and Heritage Consulting
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Appendix 5 Archaeological report



St Joseph's College Physical Education and Sports Precinct Project:

Archaeological Report

FINAL REPORT

Prepared for Bloompark Consulting Services on behalf of St Joseph's College

10 May 2019

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Registered Aboriginal Parties

- A1 Indigenous Services
- Amanda Hickey Cultural Services
- Darug Boorooberongal Elders
- Darug Land Observations
- Didge Ngunawal Clan
- Goobah Developments
- Goodradigbee Cultural & Heritage Aboriginal Corporation
- Metropolitan Local Aboriginal Land Council
- Tocomwall

Government Departments

- Office of Environment and Heritage
- National Native Title Tribunal

Client

- Bloompark: Peter Brogan
- TKD Architects: George Phillips

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Glossary

ACHA	Aboriginal Cultural Heritage Assessment
AHIMS	Aboriginal Heritage Information Management System
Consultation requirements	*Aboriginal Cultural Heritage Consultation Requirements for Proponents 2010*
DECCW	Department of Environment, Climate Change and Water (now OEH)
DP	Deposited Plan
EP&A Act	*Environmental Planning and Assessment Act 1979*
GSV	Ground Surface Visibility
ICOMOS	International Council on Monuments and Sites
IPC	Independent Planning Commission
LALC	Local Aboriginal Land Council
LEP	Local Environmental Plan
LGA	Local Government Area
NPW Act	*National Parks and Wildlife Act 1974*
NPWS	National Parks and Wildlife Service
NSW	New South Wales
OEH	Office of Environment and Heritage
PAD	Potential Archaeological Deposit
Study area	Defined as Lot 1 and 2, DP 527024
RAP	Registered Aboriginal Party
SEPP	State Environmental Planning Policy
the Code	*Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW 2010*

Summary

Biosis Pty Ltd (Biosis) was commissioned by Bloompark Consulting Services on behalf of St Joseph's College to undertake an Aboriginal Cultural Heritage Assessment (ACHA) for the proposed Physical Education and Sports Precinct Project (PESPP), located at St Joseph's College, Hunters Hill, New South Wales (NSW) (the study area) (Figure 1, Figure 2). The proposed development will be assessed as a State Significant Development (SSD) under Section 89(c) of the *Environmental Planning and Assessment Act 1979* (EP&A Act) and Schedule 1 of the SEPP (State and Regional Development) 2011 (SSD 8970). The project will be assessed by the Independent Planning Commission (IPC) under delegation from the Minister of Planning. In accordance with correspondence from Office of Environment and Heritage (OEH) dated 20 October 2018 in response to the SSD submission, an assessment of Aboriginal cultural heritage is required in order to assess any potential impacts to Aboriginal cultural heritage the project may have.

This investigation has been undertaken in accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales* (DECCW 2010a) (the Code). The Code has been developed to support the process of investigating and assessing Aboriginal cultural heritage by specifying the minimum standards for archaeological investigation undertaken in NSW under the *National Parks and Wildlife Act 1974* (NPW Act). The archaeological investigation must be undertaken in accordance with the requirements of the Code.

The study area is situated approximately 7.4 kilometres north-west of the Sydney central business district (CBD). The study area is located on a crest and an upper slope which falls in a south-easterly direction, within a wider undulating to low rolling hills landscape with convex narrow ridges and hill crests that grade into moderately incised side slopes.

There are 108 Aboriginal cultural heritage sites registered with the Aboriginal Heritage Information Management System (AHIMS) register within the vicinity of the study area. There are no registered sites located within the study area.

The Aboriginal community was consulted regarding the heritage management of the project throughout its lifespan. Consultation has been undertaken as per the process outlined in the *Aboriginal cultural heritage consultation requirements for proponents 2010* (DECCW 2010b) (consultation requirements).

A field investigation consisting of an archaeological survey was conducted on 22 February 2019 by Biosis archaeologist Charlotte Allen, and Metropolitan Local Aboriginal Land Council (LALC) representative Kevin Telford. The overall effectiveness of the survey for examining the ground for Aboriginal sites was deemed low. This was attributed to vegetation and built items cover restricting ground surface visibility (GSV) combined with a low amount of exposures.

No previously unrecorded Aboriginal cultural heritage sites were identified during the field survey. No areas of archaeological sensitivity were identified. There is low potential for development activities to impact Aboriginal sites or areas of archaeological sensitivity.

Strategies have been developed based on the archaeological significance of cultural heritage relevant to the study area. The strategies take into consideration:

- Predicted impacts to Aboriginal cultural heritage.
- The planning approvals framework.
- Current best conservation practice, widely considered to include:
  - the ethos of the Australia International Council on Monuments and Sites (ICOMOS) Burra Charter.

- The Code.

The recommendations that resulted from the consultation process are provided below.

Management recommendations

Prior to any development impacts occurring within the study area, the following is recommended:

Recommendation 1: Works may proceed with caution in areas of low archaeological potential

No Aboriginal objects, sites, or areas of sensitivity were identified within the study area. The areas of proposed works have been assessed as holding low archaeological potential. No further archaeological works are required. The proposed works may proceed with caution; refer to Recommendation 2 below for unanticipated Aboriginal objects.

Recommendation 2: Discovery of Unanticipated Aboriginal Objects

All Aboriginal objects and Places are protected under the NPW Act. It is an offence to knowingly disturb an Aboriginal site without consent permits from OEH or consent from the Department of Planning and Environment (DPE). Should any Aboriginal objects be encountered during works associated with this proposal, works must cease in the vicinity and the find should not be moved until assessed by a qualified archaeologist. If the find is determined to be an Aboriginal object the archaeologist will provide further recommendations. These may include notifying the OEH and Aboriginal stakeholders.

Recommendation 3: Discovery of Aboriginal Ancestral Remains

Aboriginal ancestral remains may be found in a variety of landscapes in NSW, including middens and sandy or soft sedimentary soils. If any suspected human remains are discovered during any activity you must:

1. Immediately cease all work at that location and not further move or disturb the remains.
2. Notify the NSW Police and OEH's Environmental Line on 131 555 as soon as practicable and provide details of the remains and their location.
3. Not recommence work at that location unless authorised in writing by OEH.

Recommendation 4: Continued consultation with the registered Aboriginal stakeholders

As per the consultation requirements it is recommended that the proponent provides a copy of this draft report to the Aboriginal stakeholders and considers all comments received.

Recommendation 5: Lodgment of Final Report

A copy of the final report will be sent to:

- Registered Aboriginal Parties.
- The AHIMS database.

1 Introduction

1.1 Project background

Biosis was commissioned by Bloompark Consulting Services on behalf of St Joseph's College to undertake an ACHA for the proposed PESPP, located at St Joseph's College, Hunters Hill, NSW (the study area) (Figure 1, Figure 2).

This investigation has been undertaken in accordance with the Code. The Code has been developed to support the process of investigating and assessing Aboriginal cultural heritage by specifying the minimum standards for archaeological investigation undertaken in NSW under the NPW Act. The archaeological investigation must be undertaken in accordance with the requirements of the Code.

1.2 Study area

The study area is located approximately 7.4 kilometres north-west of the Sydney CBD (Figure 1). It encompasses 7.3 hectares of private land.

The study area is within the:

- Hunters Hill Local Government Area (LGA)
- Parish of Hunters Hill
- County of Cumberland

The study area consists of the grounds of St Joseph's College, Hunters Hill, bordered on its north by Mark Street, on its west by Mary Street, on its south by Gladesville Road, its east by Luke Street and its north-eastern corner by Ryde Road.

1.3 Planning approvals

The proposed development will be assessed as a SSD under Section 89(c) of the EP&A Act and Schedule 1 of the SEPP (State and Regional Development) 2011 (SSD 8970). The project will be assessed by the IPC under delegation from the Minister of Planning. Other relevant legislation and planning instruments that will inform this assessment include:

- *National Parks and Wildlife Act 1974*
- NSW *National Parks and Wildlife Amendment Act 2010*
- Infrastructure State Environmental Planning Policy 2007 (SEPP)
- *Hunters Hill Local Environmental Plan 2012*
- *Hunters Hill Consolidated Development Control Plan 2013*

1.4 Objectives of the investigation

The objectives of the investigation can be summarised as follows:

- To identify and consult with any registered Aboriginal stakeholders and the Metropolitan LALC.

- To conduct background research in order to recognise any identifiable trends in site distribution and location.
- To search statutory and non-statutory registers and planning instruments to identify listed Aboriginal cultural heritage sites within the study area.
- To highlight environmental information considered relevant to past Aboriginal occupation of the locality and associated land use and the identification and integrity/preservation of Aboriginal sites.
- To summarise past Aboriginal occupation in the locality of the study area using ethnohistory and the archaeological record.
- To formulate a model to broadly predict the type and character of Aboriginal sites likely to exist throughout the study area, their location, frequency and integrity.
- To conduct a field survey of the study area to locate unrecorded or previously recorded Aboriginal sites and to further assess the archaeological potential of the study area.
- To assess the significance of any known Aboriginal sites in consultation with the Aboriginal community.
- To identify the impacts of the proposed development on any known or potential Aboriginal sites within the study area.
- To recommend strategies for the management of Aboriginal cultural heritage within the context of the proposed development.

1.5 Investigators and contributors

The roles, previous experience and qualifications of the Biosis project team involved in the preparation of this archaeological report are described below in Table 1.

Table 1 Investigators and contributors

Name and qualifications	Experience summary	Project role
Taryn Gooley **BASc (Hons)**	Taryn has successfully completed numerous projects throughout the Sydney, Newcastle, Port Stephens, Lake Macquarie, Central Coast, Hunter Valley, and North Western NSW regions. Taryn has extensive experience in undertaking remote archaeological surveys and large scale archaeological testing and salvage excavation programs. Taryn has participated in and managed a number of long term archaeological programs under Part 4 and Part 5 of the EP&A Act. Her areas of expertise include archaeological and heritage management advice, archaeological excavation and survey, artefact analysis, Aboriginal community consultation, technical report writing, and preparing cultural heritage management plans. Taryn is also accomplished in obtaining approvals under the NPW Act.	• Technical advice • Quality assurance
Charlotte Allen	Charlotte joined Biosis in 2017 and is currently an	• Project manager

Name and qualifications	Experience summary	Project role
BA (Hons)	Archaeologist based in Sydney, NSW. During this time, she has provided crucial support to project managers by conducting background research, field investigations and preparing reports for projects in Sydney and eastern and western NSW. Charlotte has experience with desktop research, Aboriginal and historical excavations in Australia and the UK, and the recording and analysis of cultural material. Charlotte has also undertaken a number of Aboriginal and historical heritage assessments, managing projects and conducting consultation with Aboriginal stakeholders.	• Background research • Report author • Aboriginal community consultation
Anthea Vella BA, MAHM	Anthea graduated from Flinders University with a Bachelor of Archaeology and has also recently completed her Master of Archaeology and Heritage Management thesis at Flinders University. She has experience with desktop assessments, project administration, collating internal and external research, and reporting. Anthea also has experience in Aboriginal test excavations, and Historical excavations.	• Background research
Ashley Bridge BA, MArchSci (Hons)	Ashley is a research assistant in Biosis's Sydney office. Ashley is developing skills in background research for Aboriginal and non-aboriginal heritage assessments in NSW, and has excavation experience in both NSW and Europe.	• Aboriginal community consultation

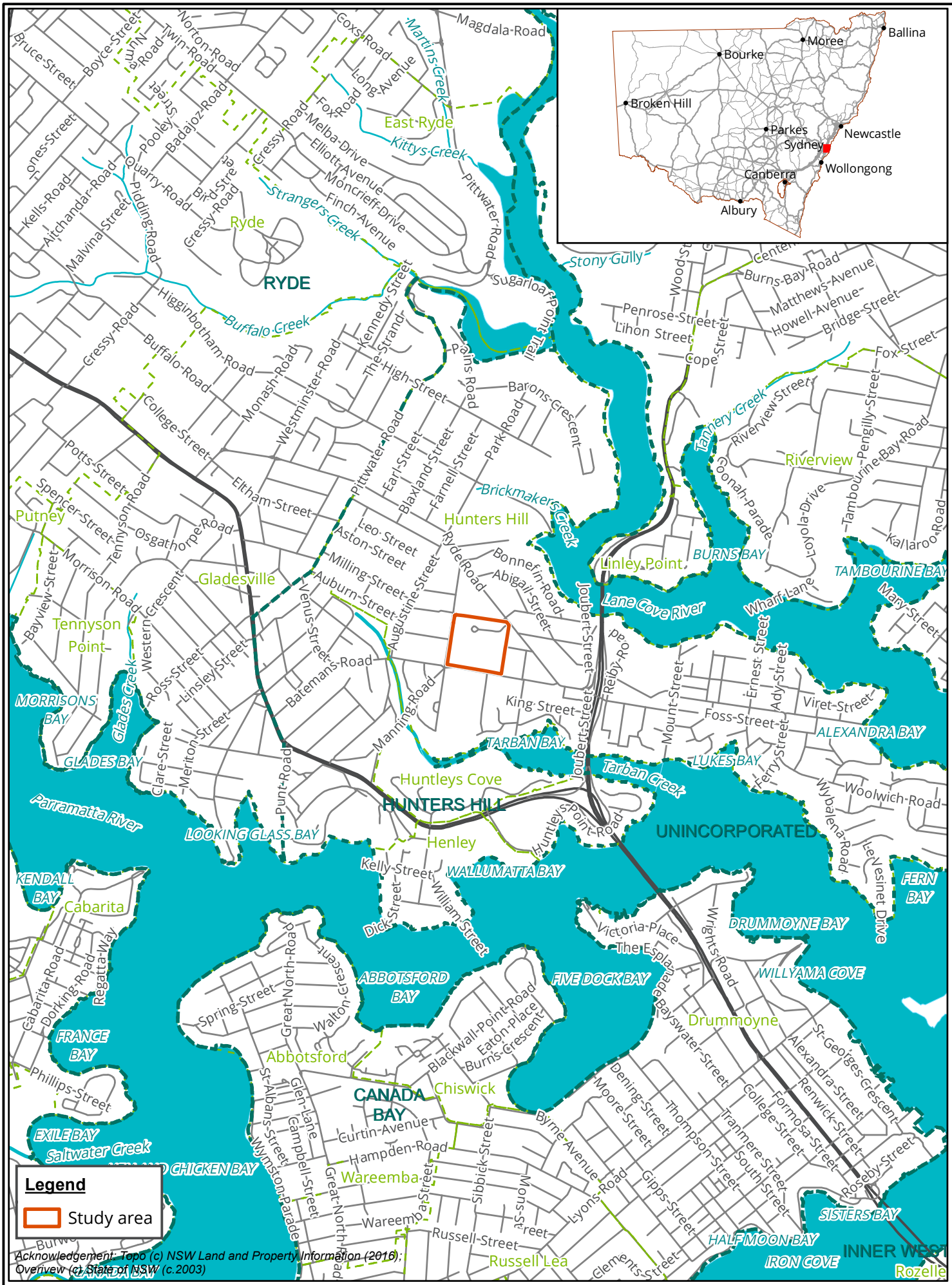
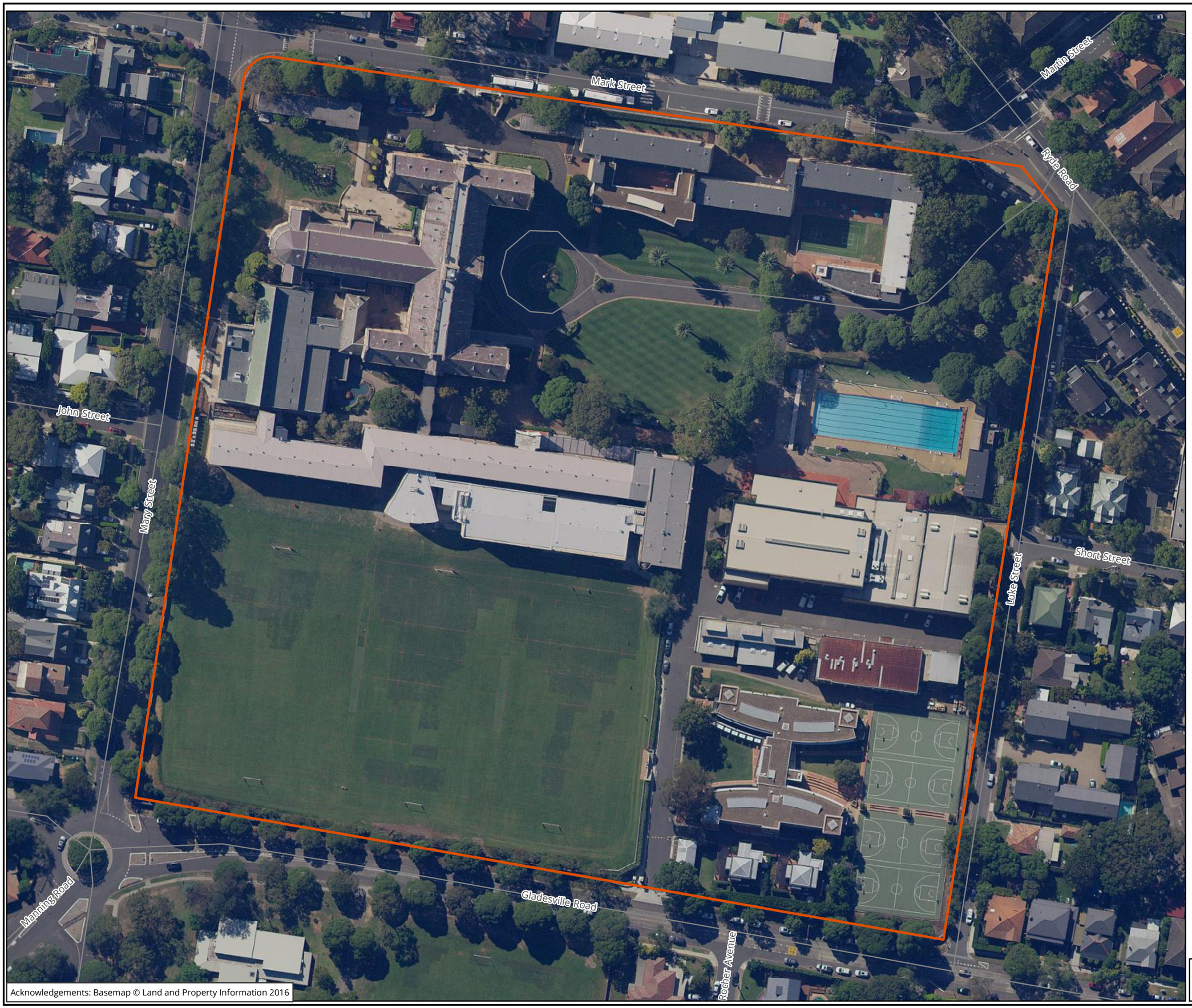


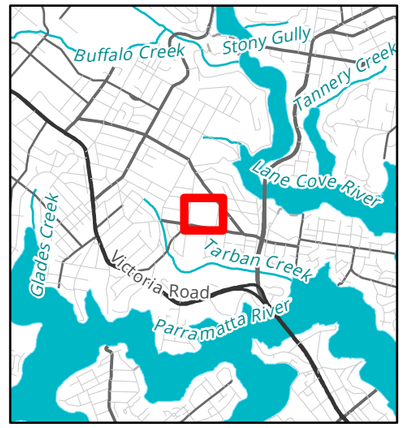
Figure 1 Location of the study area

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Matter: 29211
Date: 09 May 2019,
Checked by: CLA, Drawn by: AEDM, Last edited by: amurray
Location:P:\29200s\29211\Mapping\

Scale 1:25,000 @ A4, GDA 1994 MGA Zone 56





Legend

Study area

Figure 2 Study area detail

0 10 20 30 40 50

Metres

Scale: 1:1,200 @ A3

Coordinate System: GDA 1994 MGA Zone 56

N

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Newcastle, Sydney, Wangaratta & Wollongong

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Checked by: CLA, Drawn by: AEDM, Last edited by: amurray
Location:P:\29200s\29211\Mapping
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Acknowledgements: Basemap © Land and Property Information 2016

2 Proposed development

St Joseph's College are proposing to develop new physical education and sports facilities within the College grounds. The works are proposed for the south-eastern, north-western and north-eastern portions of the study area; overall plans are provided in Figure 3, with further detail in Appendix 1.

The proposed PSEPP project is comprised of the following:

- Demolition of the following existing buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the PESPP comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 54 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer.
  - Driveway entry to the PESPP (no new vehicular cross overs).
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site.
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

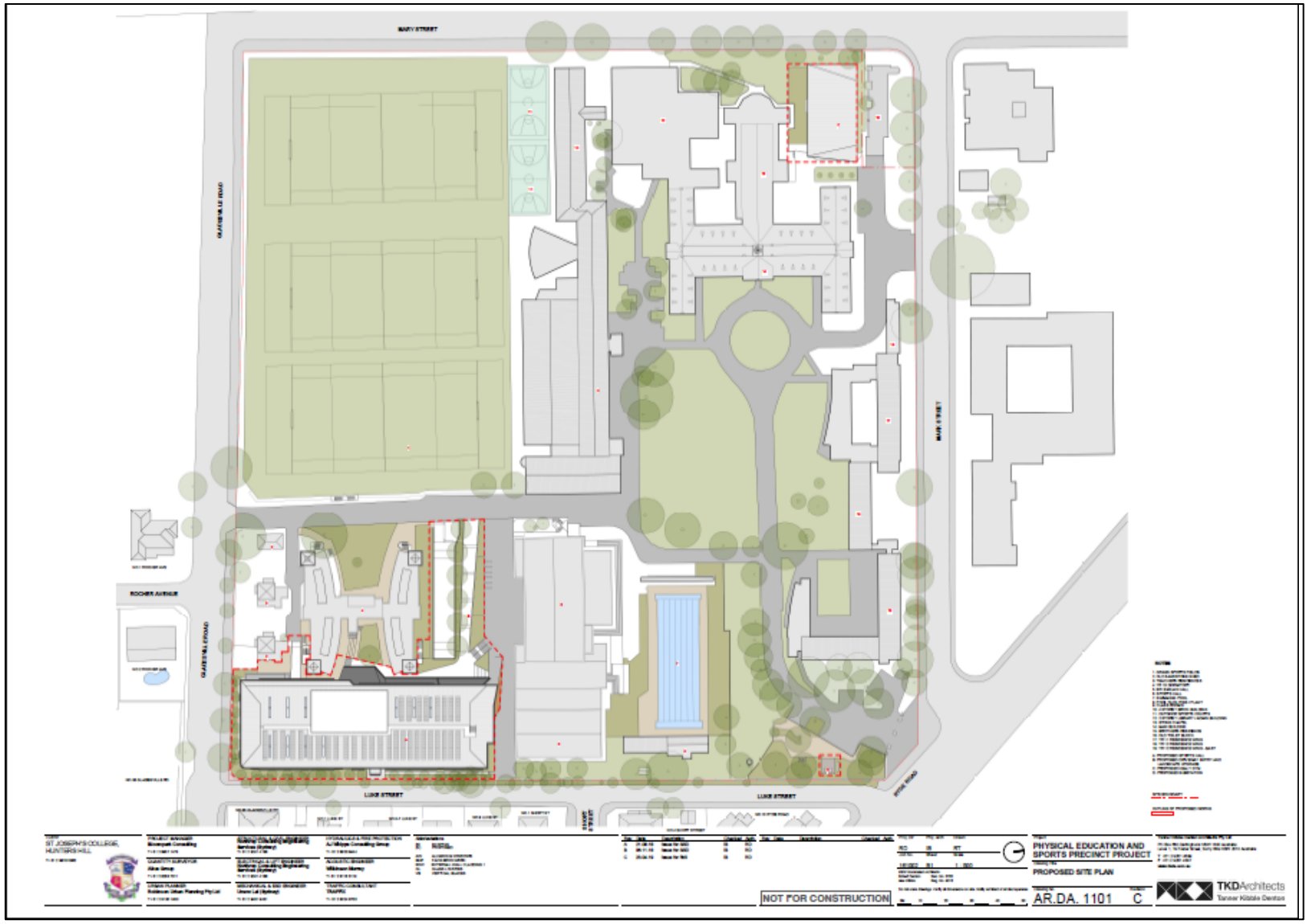


Figure 3 Proposed development, with areas of proposed works outlined in red

3 Desktop assessment

A desktop assessment involves researching and reviewing existing archaeological studies and reports relevant to the study area and surrounding region. This information is combined to develop an Aboriginal site prediction model for the study area, and to identify known Aboriginal sites and/or places recorded in the study area. This desktop assessment has been prepared in accordance with requirements 1 to 4 of the Code.

3.1 Landscape context

It is important to consider the local environment of the study area in any heritage assessment. The local environmental characteristics can influence human occupation and associated land use and consequently the distribution and character of cultural material. Environmental characteristics and geomorphological processes can affect the preservation of cultural heritage materials to varying degrees or even destroy them completely. Lastly landscape features can contribute to the cultural significance that places can have for people.

3.1.1 Topography and hydrology

Hunters Hill is a leafy sandstone peninsula that stretches from Pittwater Road to Onions Point, at the confluence of the Lane Cove and Parramatta Rivers. The topography consists of undulating to low rolling hills on Wianamatta Group shales with convex narrow ridges and hill crests that grade into moderately incised sideslopes. This landscape has been extensively cleared. The study area is situated on a crest and an upper slope which falls in a south-easterly direction.

Stream order is recognised as a factor which assists the development of predictive modelling in Sydney Basin Aboriginal archaeology, and has seen extensive use in the Sydney region, most notably by Jo McDonald Cultural Heritage Management (Jo McDonald Cultural Heritage Management Pty Ltd 2000, Jo McDonald Cultural Heritage Management Pty Ltd 2005a, Jo McDonald Cultural Heritage Management Pty Ltd 2005b, Jo McDonald Cultural Heritage Management 2006, Jo McDonald Cultural Heritage Management Pty Ltd 2008). Predictive models which have been developed for the region have a tendency to favour higher order streams as the locations of campsites, as they would have been more likely to provide a stable source of water, and by extension other resources which would have been used by Aboriginal groups.

The stream order system used for this assessment was originally developed by Strahler in 1952 (Strahler 1964). It functions by adding two streams of equal order at their confluence to form a higher order stream, as shown in Plate 1. As stream order increases, so does the likelihood that the stream would be a perennial source of water.

The nearest watercourse to the study area consists of a second order creek, known as Tarban Creek, that is a tributary of the Parramatta River, located approximately 400 metres to the south-west. The nearest perennial river appears to be the Lane Cove River, located approximately 350 meters to the north-east of the study area.

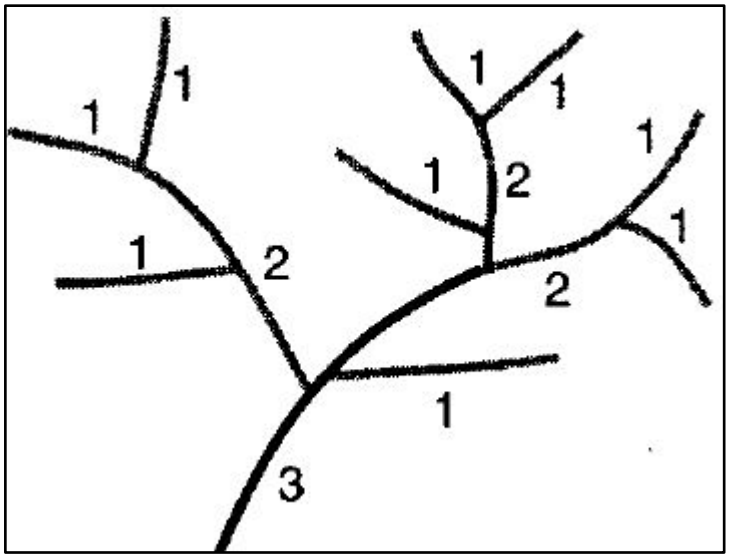


Plate 1 Diagram showing Strahler stream order (Source: Ritter et al. 1995, p.151)

While the presence of a source of fresh water (Tarban Creek) 400 metres away and resource gathering areas less than 300 metres to the north (Lane Cove River), the topographical location of the study area and slope inclination suggests that evidence for Aboriginal sites in this location may not be present. Surface and sub-surface artefacts may have washed down the slope with eroding soils towards Tarban Creek and the Parramatta River south of the study area.

3.1.2 Geology and soil landscapes

The study area is located within the Wianamatta Group formation, in both the Ashfield Shale and Hawkesbury Sandstone formations. The Ashfield Shale contains dark-grey to black claystone-siltstone and fine sandstone - siltstone laminate. Artefact sites are common across the Ashfield Shale formation. The Hawkesbury Sandstone formation consists of fairly friable medium to coarse grained quartz sandstone with some shale and laminate lenses. It weathers cavernously to form overhangs, which occur in a range of topographic locations. It also occurs as flat topped outcrops (platforms of varying sizes) and boulders, mainly on ridge tops but also along the sides of gullies and in valley bottoms (Jo McDonald Cultural Heritage Management Pty Ltd 2008). The presence of sandstone cropping in areas of the Hawkesbury Sandstone formation gives rise to the potential for site types such as rock shelters and engraving sites.

Soil landscapes have distinct morphological and topological characteristics that result in specific archaeological potential. Because they are defined by a combination of soils, topography, vegetation and weathering conditions, soil landscapes are essentially terrain units that provide a useful way to summarise archaeological potential and exposure.

The study area is situated within the Glenorie soil landscape (Chapman & Murphy 1989). The Glenorie soil landscape is an erosional landscape consisting of undulating to low rolling hills upon Wianamatta Shales. Soils within this soil landscape are characterised as shallow to moderately deep (<100 centimetres) red pozolic soils upon crests, and moderately deep (70-150 centimetres) red and brown podzolic soils on undulating to low hills overlying Wianamatta Group shales. This landscape is characterised by convex narrow ridges and hillcrests, moderately inclined side slopes, and narrow drainage lines. Local relief is between 50–80 metres. The soil characteristic of the Glenorie soil landscape are summarised in Table 2. As the Glenorie soil landscape is an erosional soil landscape, is it likely that preservation of any surface or sub-surface sites may not have been preserved over time.

Table 2 Glenorie soil landscape characteristics (Source: Chapman & Murphy 1989, pp.68–71)

Soil Material	Description
Friable dark brown loam (gn1)	Consists of friable loam, to silty loam, or silty clay loam which occurs as a topsoil (A1 horizon). Peds are commonly sub-angular blocky to polyhedral, 2–10 mm in size and are rough faced and porous. May become hardsetting when compacted and dry. Colour is usually dark brown (10 YR 3/3), but can range from brownish-black (7.5 YR 2/2) to brown (10 YR 4/4).
Hardsetting brown clay loam (gn2)	Consists of clayey loam to fine sandy clay loam occurring as an A2 horizon. Peds, when present, are sub-angular blocky, 10–50 mm in size, and are rough faced and porous. Colour is usually brown (7.5 YR 4/4), but may range from dull yellowish-brown (10 YR 5/4) to reddish-brown (5 YR 4/6).
Whole coloured, reddish brown, strongly pedal clay (gn3)	Medium clay with a strongly pedal structure, which occurs as subsoil (B horizon). It also has a smooth-faced, dense ped fabric. Peds are usually sub-angular blocky or polyhedral, and range in size from 5–20 mm. Colour is usually reddish-brown (5 YR 4/6), but can range from bright reddish brown (2.5 YR 4/8) to dull yellowish-brown (10 YR 5/4).
Mottled grey plastic clay (gn4)	Mottled, heavy clay with a strongly pedal structure. It has a dense, smooth ped fabric and also occurs as a deep subsoil. The peds are usually sub-angular blocky, 10–20 mm in size, and are smooth faced and dense. Colour is typically pale grey (5 YR 7/1), but also ranges from light reddish-grey (2.5YR 7/1) to brownish grey (7.5 6/1).
Brownish-grey plastic silty clay (gn5)	Plastic silty clay, occurring as subsoil (B horizon), with apedal massive structure. This material is moderately sticky and very plastic when moist. Colour is typically dark brown (10 YR 3/3).

Geotechnical investigations were also undertaken within the study area in 2018 (WSP Australia Pty Ltd 2018). A total of 16 locations were assessed across the south-eastern portion of the study area. The results generally found that the study area contains a significant amount of fill material which consist of silty or gravelly sands and gravelly or sandy clays. Where natural soils were encountered, these consisted of grey, orange or brown clays of medium to high compaction and featuring ironstone or sandstone inclusions. Underlying the soils was a weathered sandstone bedrock. Boreholes 077-10 and 16 are within the area of proposed works in the south-eastern corner of the study area (Plate 2). In this location, fill material was encountered beneath a surface layer consisting either of asphalt, pavement or concrete. Borehole 07 contained fill material until the end of the hole at 0.5 metres. Borehole 08 features up to 1.1 metres of fill material, whereupon extremely weathered sandstone was encountered and excavation ceased at 1.2 metres. Borehole 09 encountered fill material to a depth of 1.7 metres, when the excavation ceased. Borehole 16 consisted of 60 centimetres of fill material, with the excavation halted at this depth due to refusal. The borehole log for borehole 10 was not included in the report; however, the nearby borehole 11 contained fill material to a depth of 70 centimetres, followed by clay to 1.8 metres, whereupon extremely weathered sandstone was identified. It appears that the natural soil profile has been either been partially or completely removed from this part of the study area. The presence of extremely weathered sandstone beneath fill and natural soils indicates that the soils above (or previously above prior to their removal and replacement with fill material) have leaked water into the rock and degraded its integrity; this suggests that the sandstone has been buried for a considerable period of time.



Figure 1

Bore locations and PESPP location

St Joseph's College, Mary Street, Hunters Hill NSW

PESPP area

Geotechnical Borehole (16)

Environmental + Geotechnical Borehole(16)

WSP | PARSONS BRINCKERHOFF

Plate 2 Borehole locations within the study area (Source: WSP Australia Pty Ltd 2018)



Legend

Study area

Geological Units

- Q_av - Alluvial valley deposits
- Q_avf - Alluvial fan deposits
- Q_h - Anthropogenic deposits
- Q_hw - Anthropogenic stored water,
- QH_af - Alluvial floodplain deposits
- QH_ebw - Estuarine basin and bay (subaqueous)
- QH_ecw - Estuarine channel deposits (subaqueous)
- QH_es - Estuarine swamp
- QH_hfr - Anthropogenic deposits-Fill on Quaternary deposits
- QH_hr - Anthropogenic deposits-Reclaimed estuarine areas
- Tuth - Hawkesbury Sandstone
- Twia - Ashfield Shale

Figure 4 Geological units within the vicinity of the study area

0 200 400 600 800 1,000

Metres

Scale: 1:20,000 @ A3

Coordinate System: GDA 1994 NSW Lambert

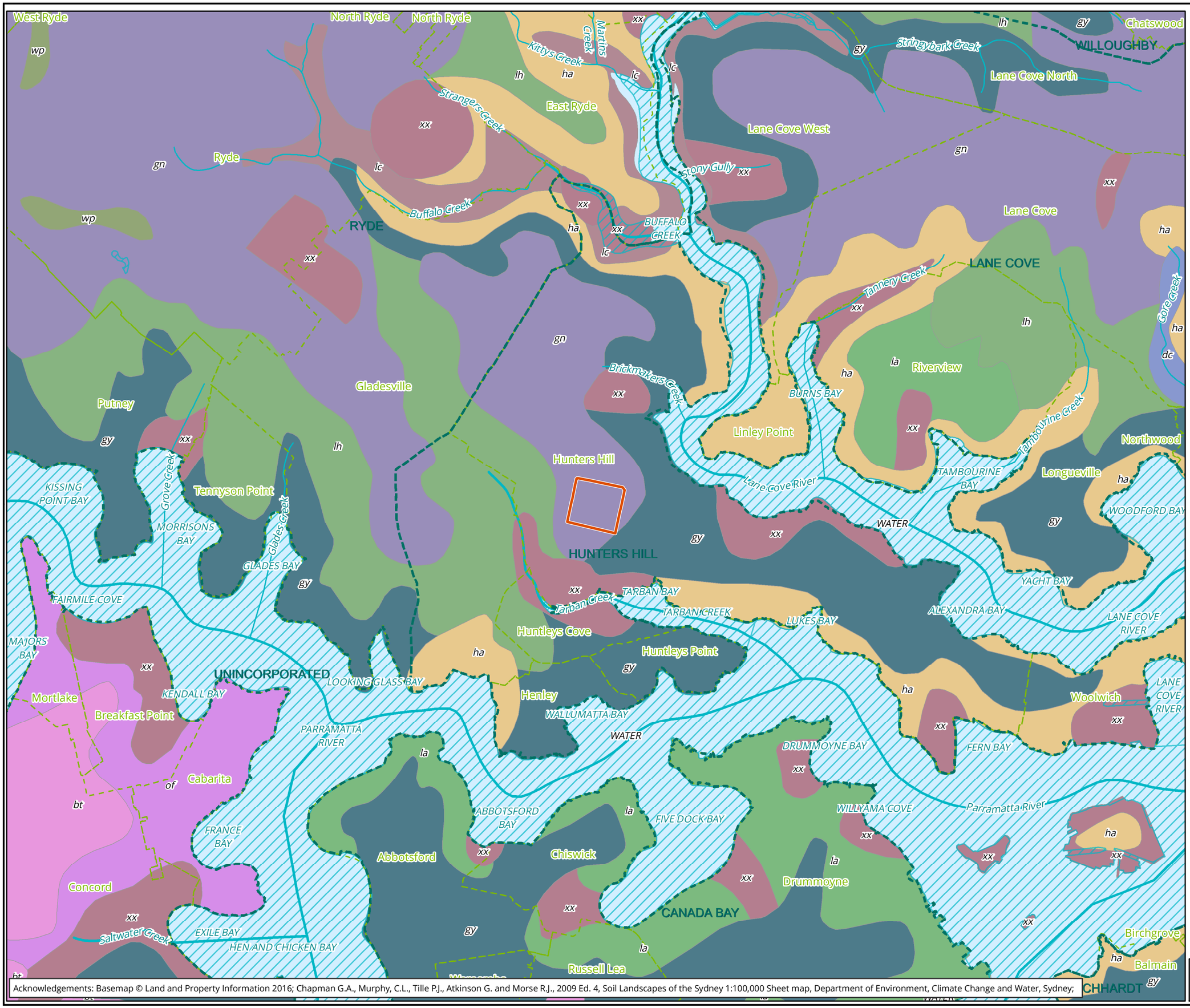
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Matter: 29211,
Date: 09 May 2019,
Checked by: CLA, Drawn by: AEDM, Last edited by: amurray
Location:P:\29200s\29211\Mapping\29211_AR_F4_Geology.mxd

Acknowledgements: Basemap © NSW Land and Property Information 2016
Geology © Colquhoun G.P., Phillips, G., Hughes, K.S, Deyssing L., Fitzherbert, J.A., & Troedson, A.L. 2015. New South Wales Zone 54/56 Seamless Geology, version 1 [Digital Dataset]. Geological Survey of New South Wales, Maitland



Legend

Study area

Soil Landscape units

- bt - BLACKTOWN
- dc - DEEP CREEK
- gn - GLENORIE
- gy - GYMEA
- ha - HAWKESBURY
- la - LAMBERT
- lc - LANE COVE
- lh - LUCAS HEIGHTS
- of - OXFORD FALLS
- WATER - WATER
- wp - WEST PENNANT HILLS
- xx - DISTURBED TERRAIN

Figure 5 Soil landscapes in the vicinity of the study area

0 200 400 600 800 1,000

Metres

Scale: 1:20,000 @ A3

Coordinate System: GDA 1994 NSW Lambert

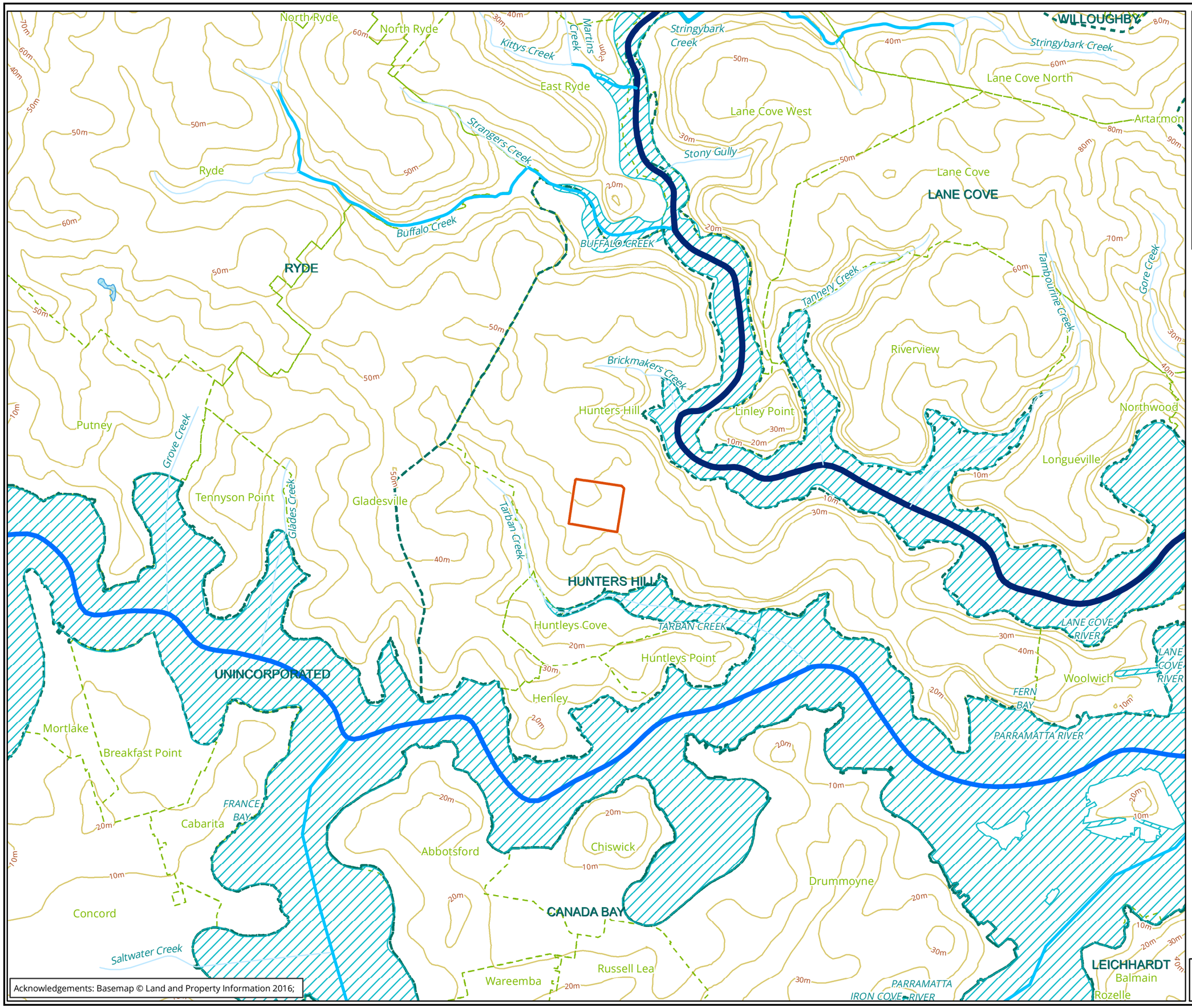
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Acknowledgements: Basemap © Land and Property Information 2016; Chapman G.A., Murphy, C.L., Tille P.J., Atkinson G. and Morse R.J., 2009 Ed. 4, Soil Landscapes of the Sydney 1:100,000 Sheet map, Department of Environment, Climate Change and Water, Sydney;

Matter: 26879
Date: 09 May 2019,
Checked by: CLA, Drawn by: DK, Last edited by: amurray
Location:P:\29200s\29211\Mapping
29211_AR_F5_Soils



Acknowledgements: Basemap © Land and Property Information 2016;

3.1.3 Landscape resources

The Sydney Basin would have generally provided a number of resources used by Aboriginal inhabitants. The wider region includes distinct ecological zones, including open forest and open woodland, with riparian vegetation extending along many of the water courses. Each ecological zone hosts a different array of floral and faunal species, many of which would have been utilised according to seasonal availability. Aboriginal inhabitants of the region would have had access to a wide range of avian, terrestrial and aquatic fauna and repeated firing of vegetation would have opened up areas of foliage allowing ease of access through and between different resource zones.

Plant resources were used in a variety of ways. Plant fibres were twisted into string, which was used for many purposes, including the weaving of nets, baskets and fishing lines. String was also used for personal adornment. Bark was used in the provision of shelter in the form of a large sheet of bark being propped against a stick to form a gunyah (Attenbrow 2002, pp.113–114).

The Glenorie soil landscape has undergone extensive clearing however would have typically supported tall open wet sclerophyll forest dominated by Sydney blue gum *Eucalyptus saligna* and Blackbutt *Eucalyptus. pilularis*. Turpentine *Syncarpia glomulifera*, Grey Ironbark *Eucalyptus paniculata*, White Stringybark *Eucalyptus globoidea* and Rough-barked Apple *Angophora floribunda* also occurred within the Glenorie Soil landscape and Pittosporum *Pittosporum undulatum* and Coffee Bush *Breynia oblongifolia* were common understorey species (Chapman & Murphy 1989, pp.68–69).

Flora resources in the vicinity of the study area included: Old Man Banksia *Banksia serrata*, Black Wattle *Acacia decurrens*, Blueberry Ash *Elaeocarpus reticulatus*, Common Bracken *Pteridium esculentum*, Cabbage Gum *Eucalyptus amplifolia*, figs *Ficus*, Geebung *Persoonia* sp., Grass Tree *Xanthorrhoea*, Blue gum, Forest Red Gum *Eucalyptus tereticornis*, Grey gum *Eucalyptus punctata*, Lilly Pilly *Acmena smithii*, Mountain Devil *Lambertia formosa*, Native Cherry *Exocarpus cupressiformis*, Native Grape *Cayratia clematidea*, Native Raspberry *Rubus parvifolius,* Rock Orchid *Dendrobium speciosum*, and Paper-bark *Melaleuca squarros* (Conyers 1990).

Useful faunal resources within the vicinity of the study area would have included Bream *Abramis brama*, Catfish *Siluriformes*, Eels *Anguilliformes*, Flathead *Platycephalidae*, Mullet *Mugilidae*, Snapper *Pagrus auratus*, Whiting *Sillaginidae*, Goanna *Varanus*, Bandicoot *Peramelemorphia*, Echidna *Tachyglossidae*, Fruit Bat *Pteropodidae*, Koala *Phascolarctos cinereus*, Brushtail Possum *Trichosurus vulpecula*, Ringtail Possum *Pseudocheirus peregrinus*, and Swamp Wallaby *Wallabia bicolor*. This diversity of native species would have provided a useful source of food to local Aboriginal groups.

Animal products were also used for tool making and fashioning a myriad of utilitarian and ceremonial items. For example, tail sinews are known to have been used to make fastening cord, while 'bone points', which would have functioned as awls or piercers, are often an abundant part of the archaeological record. Brush-tailed Possums were highly prized for their fur and could be fashioned into a cloak (Attenbrow 2002, p.117).

3.1.4 Land use history

Land within the study area was originally occupied by the Wallumedegal clan, and was called *Wallumetta*. The Wallumedegal clan formed a part of the larger Darug language group. The name Wallumedegal (or Wallumattagal) was derived from *wallumai*, the snapper fish, and *matta*, a word used to describe a place, usually associated with water, as with Parramatta and Cabramatta (Smith 2017). Wallumedegal territory followed the north bank of the Parramatta River from the Lane Cove River in the east, to Parramatta at the head of the river to the west. The northern boundary was the Lane Cove River and the northern neighbours were the Cameragal or spear clan. Further east, the Cadigal, a harbour-dwelling clan, occupied the present Eastern Suburbs and City of Sydney, from Inner South Head to Darling Harbour. The areas to the north were occupied by the Kur-ing-gai people (National Parks and Wildlife Service 1998, p.25).

Ethnographic sources in the vicinity of the study area have mostly focused on the activities of the Kuring-gai clan, with most observations focusing on their fishing practices, noting that the majority of their diet consisted of fish (Conyers 1990, p.13). Although the archaeological record would suggest that Aboriginal groups in the region mostly relied on rock shelters as sites for habitation, early observations by Tench and Bellinghausen (Conyers 1990, pp.16–17) show that bark huts and wind breaks were utilised for camp sites, with rock shelters being more heavily relied on in poor weather.

The Wallumedegal lived primarily on fish and shellfish, supplementing their diet when necessary with vegetables, marsupials, birds and grubs. They were also frequently observed firing the scrub both to facilitate access to the foreshore and to flush out game. Very little is known of their social structure and religious beliefs (Smith 2017). The negative effects of European settlement in the 1780s and 1790s were quickly felt by local groups. Limited food supplies led to competition between settlers and local Aboriginal groups for what resources existed, and the difficulties caused by this were compounded by a smallpox epidemic in 1789 (Beecroft-Cheltenham History Group 1995, pp.13–18).

Land containing the study area was granted to Mary Reiby, an emancipated convict and the first female retainer in Sydney, in 1835. The Hunters Hill and Gladesville districts developed into a rural dairy and farming area which supplied the markets in Sydney with produce (Sherry 2009, p.101, Farlow & Phippen 2008). The 1840s saw the arrival of more entrepreneurs who saw the potential of Hunters Hill as a suburban retreat from the city with its high ridge as a thoroughfare being ideal for houses to overlook the water ('Mrs Reiby's very pretty Figtree Farm, to be sold by auction' 1838). In 1875, Frenchman Didier Joubert acquired 146 acres, which included Mary Reibey's land grant, and with his brother Jules, began building sandstone villas and laying out subdivisions (Sherry 2009, p.48). The Marist Fathers acquired 11 acres of Joubert's land on 6 November 1876, and in the same decade the Marist Brothers joined them to establish St Joseph's College on Ryde Road. A series of stone and timber buildings and facilities were constructed from 1877 onwards (Plate 3).

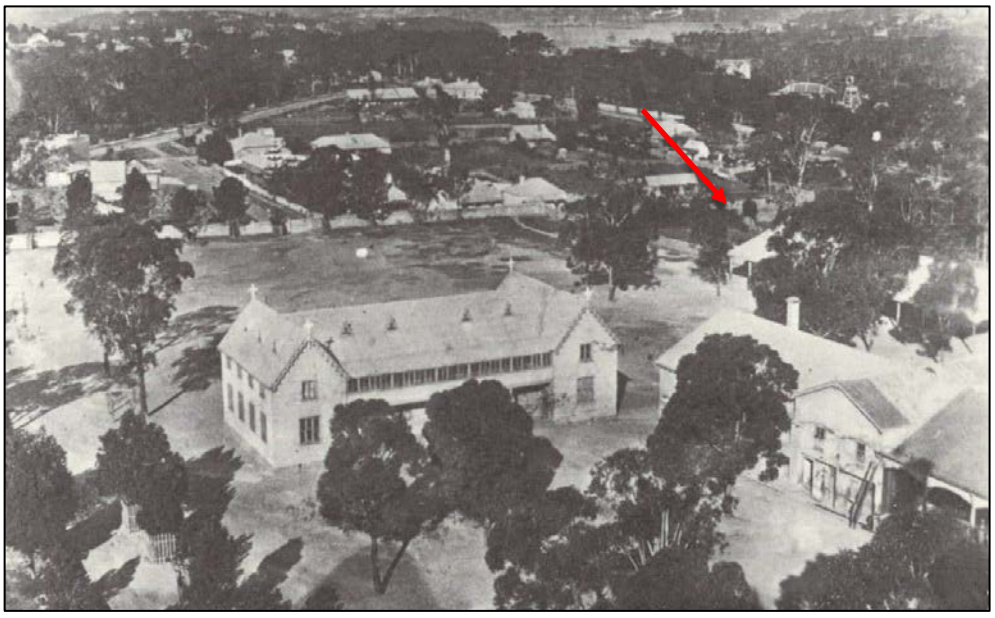


Plate 3 **A c.1880s photograph of the early College grounds; part of the south-eastern corner of the present site is also visible as a largely cleared space, indicated by the red arrow (Source: reproduced in *A Century of Striving*, cited by TKD Architects 2018)**

The College acquired further land in 1881, when it purchased Lots 2-6 on the Gladesville Road from the Joubert estate, which make up the south-eastern corner of the study area (NSW Department of Lands, Certificate of Title, Volume 268 Folio 234; NSW Department of Lands, Certificate of Title, Volume 225 Folio 142). It has been suggested that this land was part of a small dairy farm; if this is the case, it may be the College dairy noted in an 1894 newspaper article (TKD Architects 2018, p.10, 'St. Joseph's College, Hunter's Hill' 1894). Plate 4 and Plate 5 show that much of the land in this part of the College remained largely undeveloped in the 1890s and 1900s, although there are a number of structures present.

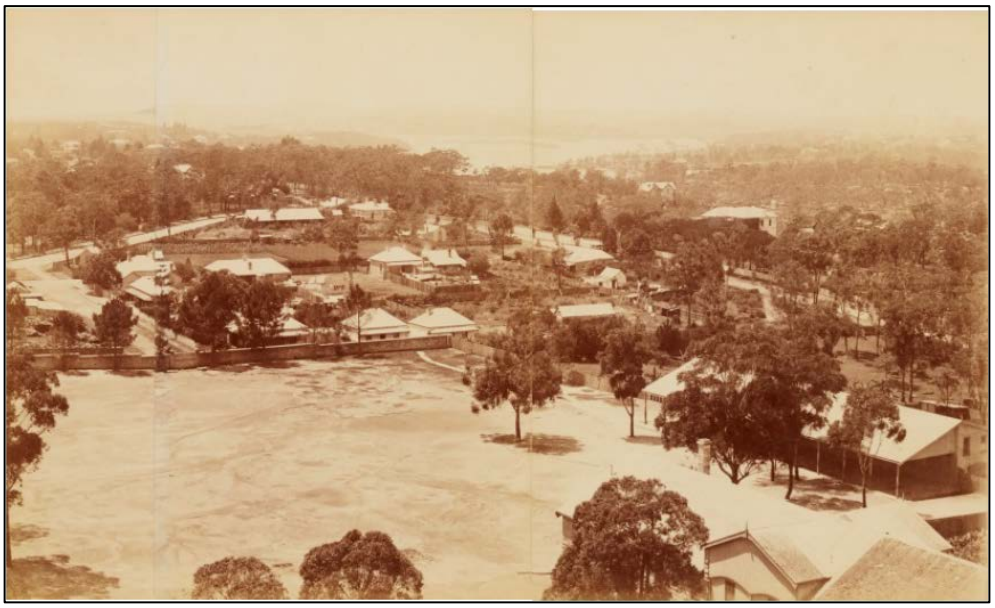


Plate 4 **Part of an 1893 panorama, showing the south-eastern corner of the college (Source: State Library of NSW)**

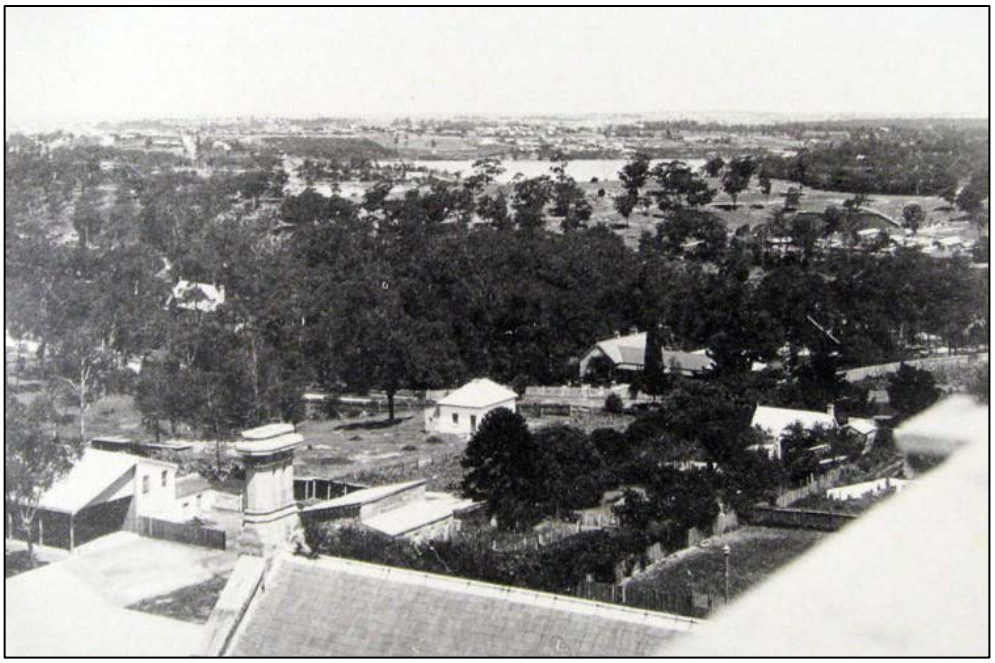


Plate 5 A c.1904 photograph showing structures in the south east corner of the study area (Source: Willoughby Library)

A number of structures had been built in the south-eastern corner of the study area by 1930 and 1943, including the boundary walls, with the ground likely terraced and levelled, possibly for use as a sports field (Plate 6, Plate 7 and Plate 8).



Plate 6 **A 1930 aerial photograph showing structures and clearance of trees within the south-eastern corner of the study area, with the area of proposed works outlined in blue (Source: NSW LPI 2018)**



Plate 7 **A 1943 aerial showing of the south-eastern corner of the study area, showing development and disturbances, with the area of proposed works outlined in blue (Source: NSW Department of Lands)**

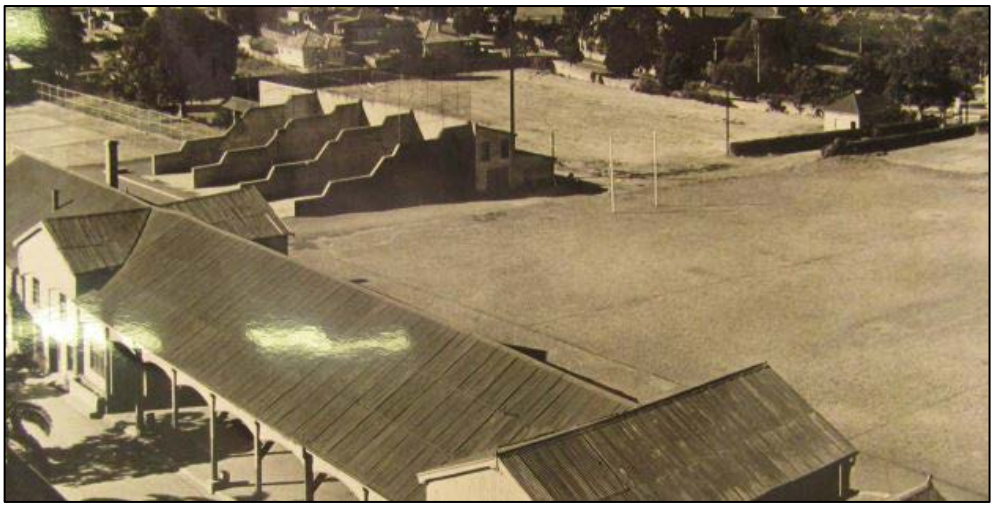


Plate 8 **An undated photograph of the south-eastern corner of the study area, showing several structures; the open area has been completely cleared (Source: St Joseph's College archives sighted in TKD Architects 2018)**

The north eastern and north-western corner of the study area has largely remained a landscaped garden area since the St Joseph's College was opened in 1881. Plate 9 shows an ornamental landscape in north-east corner which may date prior to 1904, as do aerial photographs from 1930 and 1943 (Plate 10 and Plate 11).



Plate 9 **A c.1904 photograph showing the north-east entry to the college (Source: Willoughby Library)**

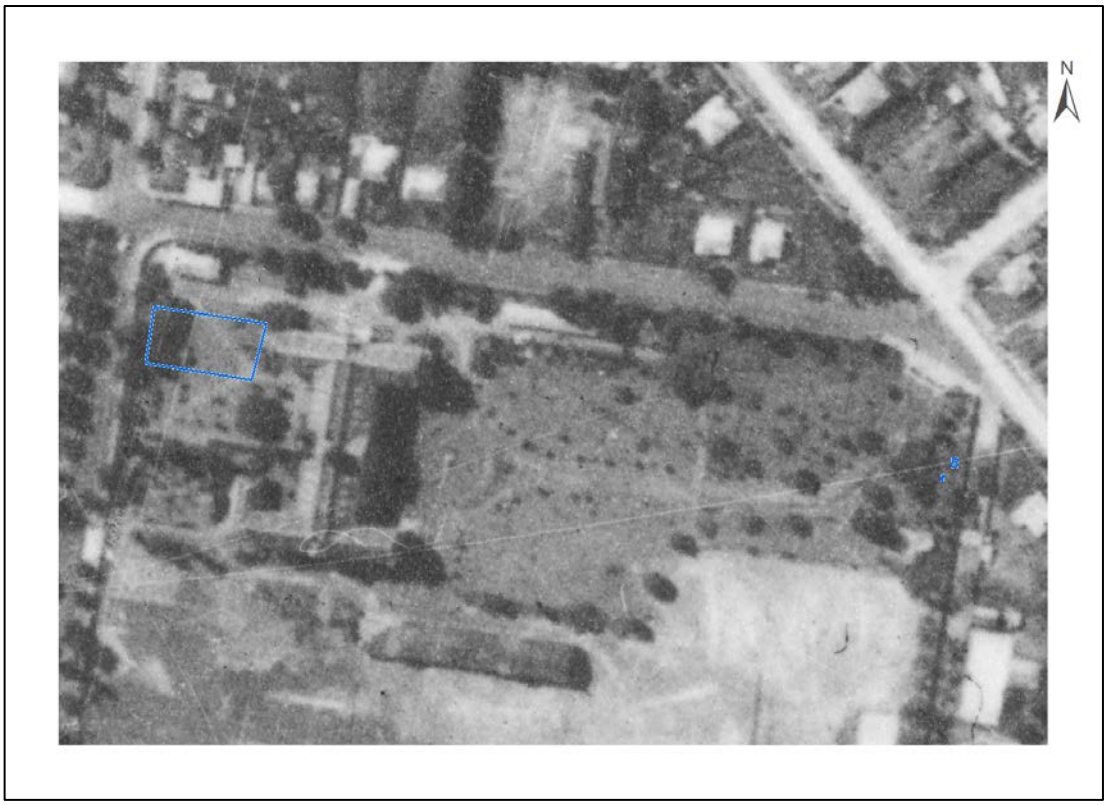


Plate 10 **A 1930 aerial photograph of the northern portion of the study area, showing landscaped garden areas in the north-eastern and north-western corners, with the areas of proposed works outlined in blue (Source: LPI 2018)**

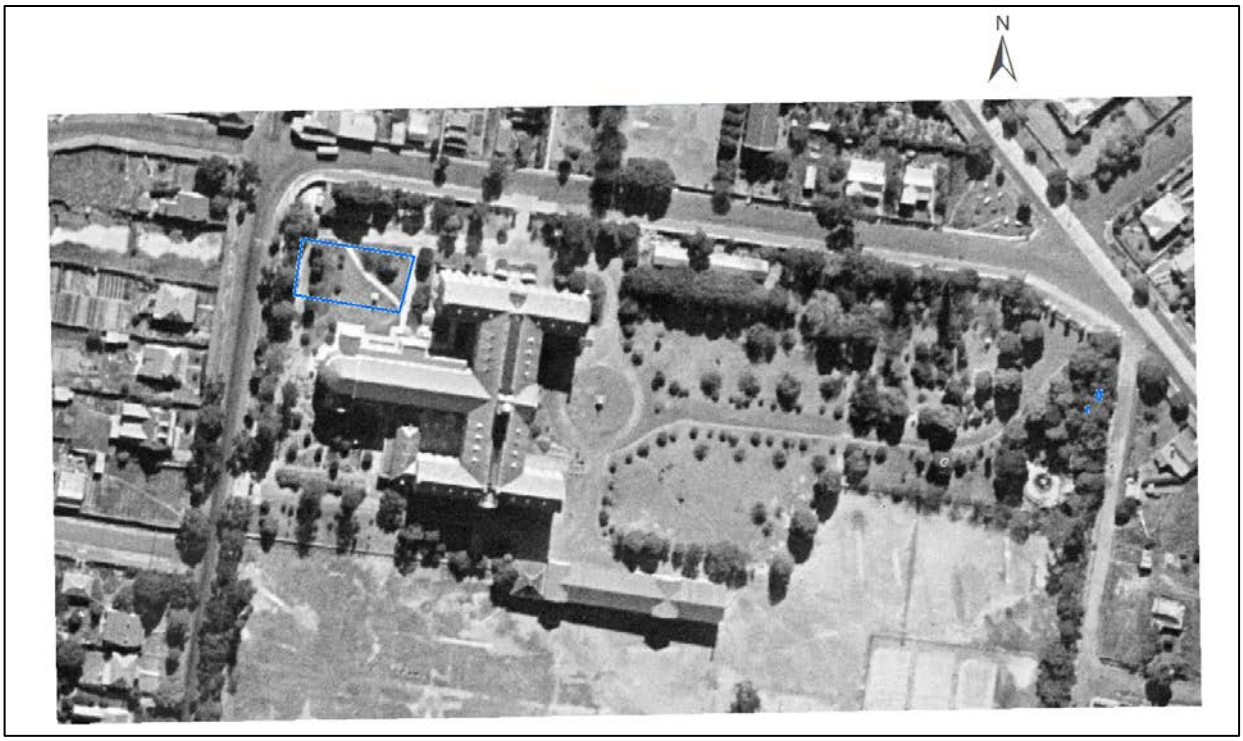


Plate 11 A 1943 aerial image of the northern portion of the study, with areas of proposed works outlined in blue (Source: NSW Department of Lands)

Until the 1980s, the south eastern area saw little development (Plate 12). The Brother Emilian Hall and adjacent gymnasium were constructed in 1981. By 1982, the south-eastern corner had been converted to cricket and basketball training facilities, and the administrative building adjacent to the 19th century two-storey building had also been built (Plate 13).



Plate 12 A c.1970 aerial photograph showing the south-eastern corner of the study remaining relatively undeveloped (Source: State Library of NSW)



Plate 13 A c.1982 photograph shows the south-eastern corner was occupied by cricket and basketball training facilities, as indicated by the red arrow (Source: TKD Architects 2018)

3.2 Previous archaeological work

A large number of cultural heritage investigations have been conducted throughout the Sydney Basin in the past 30 years. There has been an increasing focus on cultural heritage assessments in NSW due to ever increasing development, along with the legislative requirements for this work and greater cultural awareness of Aboriginal cultural heritage.

3.2.1 Regional overview

Negerevich (1978) reported on work undertaken to record Aboriginal rock engravings at South Head, Sydney Harbour National Park, approximately 13.3 kilometres east of the current study area, for the Department of Housing and Construction on behalf of the Department of Defence. Twelve separate groups of rock engravings have been previously identified at South Head by John Lough. Three sites originally recorded by W.D. Campbell in 1899 have been destroyed by development, with a further site also likely destroyed. Several previously recorded sites could also not be relocated. However, seven sites were relocated and recorded, with the majority of motifs consisting of fish or marine species and human figures, and one instance of an animal (most likely a wallaby or kangaroo). One new site was also identified as part of the fieldwork. Most of the visible engravings are located on exposed rock platforms in close proximity to cliff edges and are badly eroded due to being situated on soft sandstone and/or in exposed areas.

Attenbrow (1990) undertook an investigation titled "The Port Jackson Archaeological Project" for the Australian Museum (Plate 14). The purpose of this report was to improve upon the existing literature about Aboriginal life as previous work had focused on historical accounts and did not utilise the archaeological record. The report was broken into two stages; stage 1 involved documentary research, survey and site recording, and stage 2 utilised excavation of selected sites. Fieldwork focused largely on existing recorded Aboriginal sites, and also supplementary surveys in areas which had the potential to hold further Aboriginal sites. Two research areas which the project aimed to investigate were the roles played by marine and land animals in the diet of Aboriginal people within the Port Jackson area, as well as their use of stone, bone and shell in the implements and weapons. The project found that many middens and deposits were still able to be located within the Port Jackson landscape despite the development and expansion of Sydney and its surrounding suburbs. The survey relocated and recorded 112 sites with middens and deposits. The report concludes that there are more unregistered sites that had not been reported. Attenbrow (1990) concluded that the distance from the harbour mouth influenced the range and predominance of particular shellfish species. It was also

noted that the location of middens is dependent upon fresh water, fish and shellfish resources. It also appears that Aboriginal people were occupying areas of the foreshore and exploiting shellfish for at least 4,500 years, and that over time there was a change in the predominance of particular shellfish species.

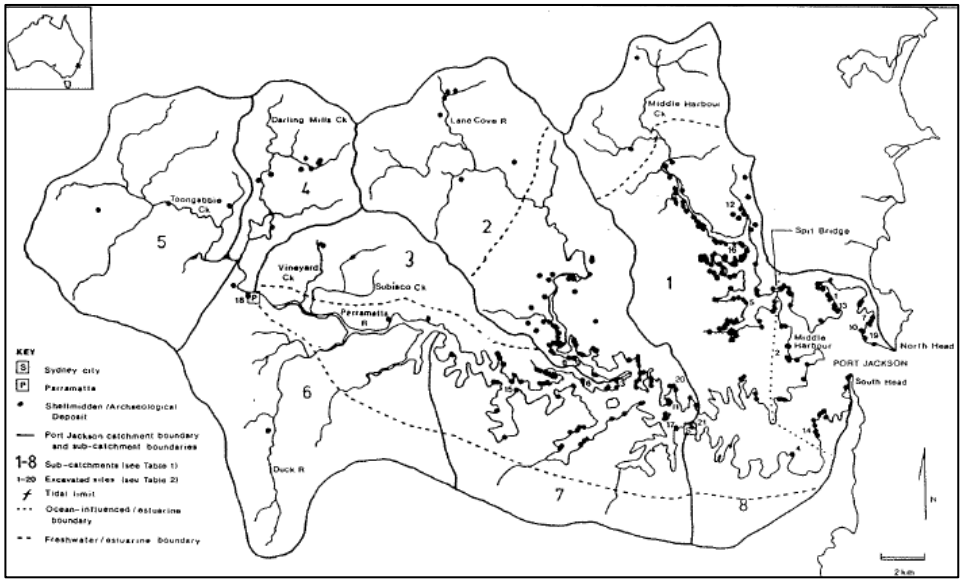


Plate 14 Port Jackson catchment area, subcatchment and aquatic zones, with registered shell midden and archaeological deposit sites as at 28 February 1990 and known excavated sites (Source: Attenbrow 1990)

Attenbrow (1990) reported on three weeks of excavations at two rock shelters with shell middens (AHIMS sites 45-6-560 and 45-6-1045) located in Neilson Park, Vaucluse, south-east of the study area, as part of Stage II of the Port Jackson Archaeological Project. The middens were excavated in spits measuring 5-7 centimetres where stratigraphic units exceeded these thicknesses, and the excavated materials sieved through nested 7 millimetre and 2.5 millimetre sieves. Shell, bone, stone artefacts, charcoal and other cultural materials were extracted and bagged separately on site, and analysed in an off-site laboratory. At AHIMS site 45-6-560, an area measuring 2 by 1 metres was established within and outside of the rock shelter and divided into 50 by 50 centimetre units. Two instances of human bone were identified in two units within the shelter, and following consultation with the La Perouse Local Aboriginal Land Council, the bones were left in-situ, these areas were backfilled and no further work undertaken in these locations. Excavations continued in the units established outside of the shelter; the deposit was excavated to a maximum depth of 70 centimetres, but this varied due to the presence of sloping bedrock and rock slab. Soils in this location consisted of dark humic-rich soils, and were less stratified than the deposit within the shelter; a hearth was recovered and excavated at a depth of 2-5 centimetres. In addition to Aboriginal objects and cultural material, European artefacts were also recovered, with the shelter having been used during the Great Depression in the 1930s. At AHIMS site 45-6-1045, an area measuring 1 by 1 metres was marked out for excavation in units measuring 50 by 50 centimetres; however, only one unit was excavated to test the integrity of the deposit. This pit reached a depth of 80 centimetres, where it reached rock. A hearth was identified and excavated at a depth of 5-15 centimetres, and the soils consisted of a black to very dark brown sandy sediment. The presence of rusted metal pieces throughout the soil profile suggests that the deposit was significantly disturbed; no further excavations took place at AHIMS site 45-6-1045.

3.2.2 Local overview

A number of Aboriginal cultural heritage investigations have been conducted within the local area (within approximately 10 kilometres of the study area). Most of these investigations were undertaken as part of development applications and included surface and sub-surface investigations. These investigations are summarised below.

Attenbrow (1988) undertook a study into the Aboriginal heritage of Hunters Hill which examined environmental, archaeological and documentary evidence in order to build a picture of Aboriginal occupation within the municipality. In addition to the desktop research, existing AHIMS sites were inspected where they could be relocated, noting information not included in the site card records, and recording any new sites encountered during the survey. Archaeological work dating from 1925 is reviewed, with particular attention paid to a study on Port Jackson site location patterns by Hawthorne (1982, cited in Attenbrow 1988), in which a model is proposed whereby there is a horizontal order of site types in relation to their distance from the littoral zone, with engravings the furthest distance, followed by shelters, then middens. In relation to distance to drinking water, engravings were the furthest away, followed by middens, then shelters. The littoral zone is an area of a river lake or the sea that is close to the shoreline, and extends from the high water mark to parts of the shoreline which are always submerged. Attenbrow (1988) also summarises Hawthorne's findings regarding the locations of 77 engravings and grinding groove sites. Of these, 43% were located on ridgetops, and 48% were high up on hillsides with wide views of the ocean and surrounding area. Regarding distance from the littoral zone, 92% were within 2.5 kilometres of this area, while 96% occurred at a height below 120 metres. Hawthorne (1982, p. 104, cited in Attenbrow 1988) concludes that engravings in particular are located in areas not used for occupation or resource extraction (i.e. ridges and hillsides), while middens are as close as possible to food resources, while shelters are close to food resource areas as well as drinkable water.

Attenbrow (1988) provides a summary of the registered Aboriginal sites present within the Hunters Hill municipality specifically at the time of reporting. These include shell middens, archaeological deposits, artwork (drawings, stencils, paintings, engravings and outline figures), grinding grooves and human burials. Regarding engravings, Attenbrow (1988) notes two existing sites on the National Parks and Wildlife Service (NPWS) Register, at Kelly's Bush and Boronia; these are both located on rock platforms with the former being two circles with one featuring a central pecked mark, and the latter a fish, which Attenbrow could not relocate during survey. The fish is noted as a common motif in the Port Jackson area, but the circle is uncommon. Three grinding groove sites were also discussed, with only one relocated during the survey. At each grinding groove site there are only two grooves, and all are located beside rock pools on rock platforms. Each of the above sites were noted for their location on slopes more than 10 metres away from the shoreline, but on a relatively low slope gradient, and also found on both the eastern and western sides of the peninsula (with the study area marking the divide between eastern and western zones), as well as in the northern and southern parts of the municipality. However, the numbers of engravings and grinding grooves within the Hunters Hill area were very low, and Attenbrow (1988) proposes that maintenance or manufacture of ground-edged tools was not an important activity in this location. Equally, the low number of engravings and art make it difficult to determine whether these were part of ceremonial activities taking place in the area. Attenbrow (1988) also suggests that much of the Hunters Hill peninsula was accessed by canoe, considering the presence of most sites adjacent to the shoreline, with only short-term occupation, i.e. stopping for a meal or a maximum of a few days.

Conyers (1990) completed an assessment which consisted of background research and a survey carried out to record the 'Aboriginal carvings and areas' in the Lane Cove River State Recreation Area (Conyers 1990, p.1). The predictive modelling undertaken for this study identified the coastal margins of the area as the likely location of shell midden deposits, occurring in both open contexts and rock shelters. Areas where the underlying geology consists of shales were considered the locations where campsites, Potential Archaeological Deposit (PAD), quarries and scarred trees would occur, with it being noted that due to

extensive vegetation clearance scarred trees are unlikely to be identified. Areas overlying the Hawkesbury Sandstone were the likely locations of rock shelters, art sites, rock engravings, and grinding grooves (Conyers 1990, pp.30–34). The survey relocated three previously recorded sites, identified seven new sites, and noted five potential habitation sites. The three relocated sites were all rock engravings. Two newly recorded sites were rock engravings, and five were middens. The five potential habitation sites were all rock shelters with PADs. It was recommended that all sites be managed appropriately, and in some cases be subject to further investigation. None of these sites are contained within the current study area.

Ross and Attenbrow (1990) completed an Aboriginal site survey of Bradley's Head in Mosman, east of the study area, in advance of proposed works to redevelop the memorial to HMAS Sydney in this location. The southern part of the peninsula of Bradley's Point has been extensively disturbed since 1839; these disturbances include construction of several fortifications over time, quarrying, construction of wharf facilities, landscaping, roadworks and infrastructure associated with the reserve. While no new sites were identified in the area of proposed works, one of several registered AHIMS sites, a shell midden, was relocated at Bradley's Beach (AHIMS site 45-6-2062). One part of the area of proposed works, a flat above the car park, was noted for potential to contain sub-surface evidence of Aboriginal occupation, and it was recommended that sub-surface testing must take place in consultation with the Aboriginal community should disturbances be proposed for this area.

HLA-Envirosciences (2003) undertook archaeological subsurface testing at Eden Gardens, Macquarie Park, NSW, approximately 5.5 kilometres north of the current study area. The testing program consisted of nine test pits excavated along two transects, each pit measuring 50 by 50 centimetres. The purpose of the excavations was to establish the nature of soil profiles across the study area, and to clear sandstone outcropping in a controlled manner to identify potential engravings. Test excavations encountered disturbance across all test pits. In one pit, a quartz artefact was identified along with one potential artefact. There was European material present at a greater depth in this pit however, suggesting that the artefact was in a disturbed context. No other artefacts were identified, and no engravings were identified on the sandstone outcrop. It was recommended that a Consent to Destroy for the area be sought, with no requirement for further investigation.

Aboriginal Heritage Office (2011) completed a broad planning study for Aboriginal heritage in the City of Ryde Local Government Area (LGA). The purpose of the study was to identify, access, and re-record all Aboriginal sites located in the City of Ryde, to provide a planning document for conserving cultural values, and to provide a schedule for conservation works. An initial search undertaken of the AHIMS register identified a total of 118 sites in the LGA. The Aboriginal Heritage Office discounted any sites which had been recorded twice, or site cards which did not provide enough information to be relocated. After this revision of AHIMS sites, it was concluded that 56 sites were recorded in the City of Ryde, most of which were rock shelters and middens. The LGA was divided into three Sections: Area 1 – Lane Cove River (containing the majority of the study area), Area 2 – Central Plateau (containing a small portion of the study area), and Area 3 – Parramatta River. Area 1 was dominated by rock shelters, engravings, and grinding grooves. Area 2 contained a single artefact scatter. Area 3 was dominated by midden sites, followed by shelter and midden sites, with low numbers of engravings, grinding grooves, open sites/isolated finds, and shelters with art or engravings. The report recommended a program for staff education take place to enable workers to identify and avoid Aboriginal sites, and regular monitoring of sites in the LGA was to be undertaken to ensure that Aboriginal sites were appropriately managed.

Biosis (2012) was engaged to undertake an Aboriginal Cultural Heritage Assessment for 445-473 Wattle Street, Ultimo, a site for proposed student accommodation, approximately 7.7 kilometres south-east of the study area. Background research for the site indicated that the Cadigal and possibly Wangal clans were associated with the Ultimo area at the time of European settlement. The presence of Blackwattle Creek nearby would have provided multiple resources for local Aboriginal people, and shell middens and stone artefact sites are

located across the City of Sydney area and in the vicinity of the subject area. The predictive statements developed for the site noted that areas of PAD were likely to be present within the study area, with potential cultural material including stone artefacts, midden deposits, burials and post-contact sites. A full coverage survey was not possible due to the presence of built items and the ground surface being obscured by concrete and asphalt surfaces. As such a discussion of the proposed development and general landform attributes took place with the developer and registered Aboriginal party (RAP) representatives. The site was assessed as holding archaeological potential in the natural alluvial soils beneath historical fill layers and was registered as AHIMS site 45-6-3064. Avoidance of the alluvial soils was recommended, as were test excavations prior to any construction impacts taking place.

Biosis (2012) undertook an Aboriginal archaeological assessment, with full consultation with the Aboriginal community under the consultation requirements, for The Quay Project at the corner of Quay Street and Ultimo Road, Haymarket, located approximately 7.8 kilometres south-east of the current study area. A Due Diligence Assessment had been previously undertaken by Biosis in 2011 of the site, which assessed that, while the site location would have been of considerable value to Aboriginal people due to nearby resources and topographical suitability for camping, impacts to the natural soils through European development since the 18th century would have removed evidence of Aboriginal occupation from the soil. However, remnant natural topsoils were encountered during historical archaeological excavations, which prompted further investigation of any potential cultural deposits through a program of test excavations, focusing on areas of potentially intact topsoils. The test excavations confirmed the findings of the Due Diligence Assessment, and found that the remnant soil deposits were very shallow and contained only European artefacts, with no Aboriginal objects identified. It should be noted though that a stone artefact (AHIMS site 45-6-2987) was recovered from the fill deposit of a post hole near Test Pit 5. As this artefact was recovered from a disturbed context, the significance of the artefact was considered to be low, and did not alter the assessment of the significance of the site as low.

Dominic Steele Consulting Archaeology (2015) undertook test excavations at AHIMS site 45-6-1925 as part of mitigation measures for impacts to Aboriginal heritage for the construction of a new section of boardwalk in Glades Bay Park, Gladesville, approximately 1.5 kilometres south-west of the current study area. These test excavations were carried out under an Aboriginal Heritage Impact Permit (AHIP). Three test pits measuring 50 by 50 centimetres were excavated; no Aboriginal objects or archaeological deposits were identified. The soil profile presented redeveloped alluvial and colluvial soil that were waterlogged and affected by tide movements, overlying sandstone bedrock. Shell material was present on a partly grassed flat sandstone platform approximately 0.5 metres east of the boardwalk, and it was suggested that it was also likely that archaeological deposits may be present in this area due to its location above the high water mark and higher likelihood of survival. This assessment indicated that AHIMS site 45-6-1925 was restricted to the surface of the rock platform with a low likelihood that archaeological shell midden material would occur in sub-surface deposits in the immediate vicinity.

3.2.3 AHIMS site analysis

A search of the AHIMS database (Client Service ID: 402704) identified 108 Aboriginal archaeological sites within a 4 by 4 kilometre search area, centred on the study area. None of these registered sites are located within the study area (Figure 7). AHIMS search results are provided in Appendix 2. Table 3 provides the frequencies of Aboriginal site types in the vicinity of the study area. The mapping coordinates recorded for these sites were checked for consistency with their descriptions and location on maps from Aboriginal heritage reports where available.

It should be noted that the AHIMS database reflects Aboriginal sites that have been officially recorded and included on the list. Large areas of NSW have not been subject to systematic, archaeological survey; hence

AHIMS listings may reflect previous survey patterns and should not be considered a complete list of Aboriginal sites within a given area.

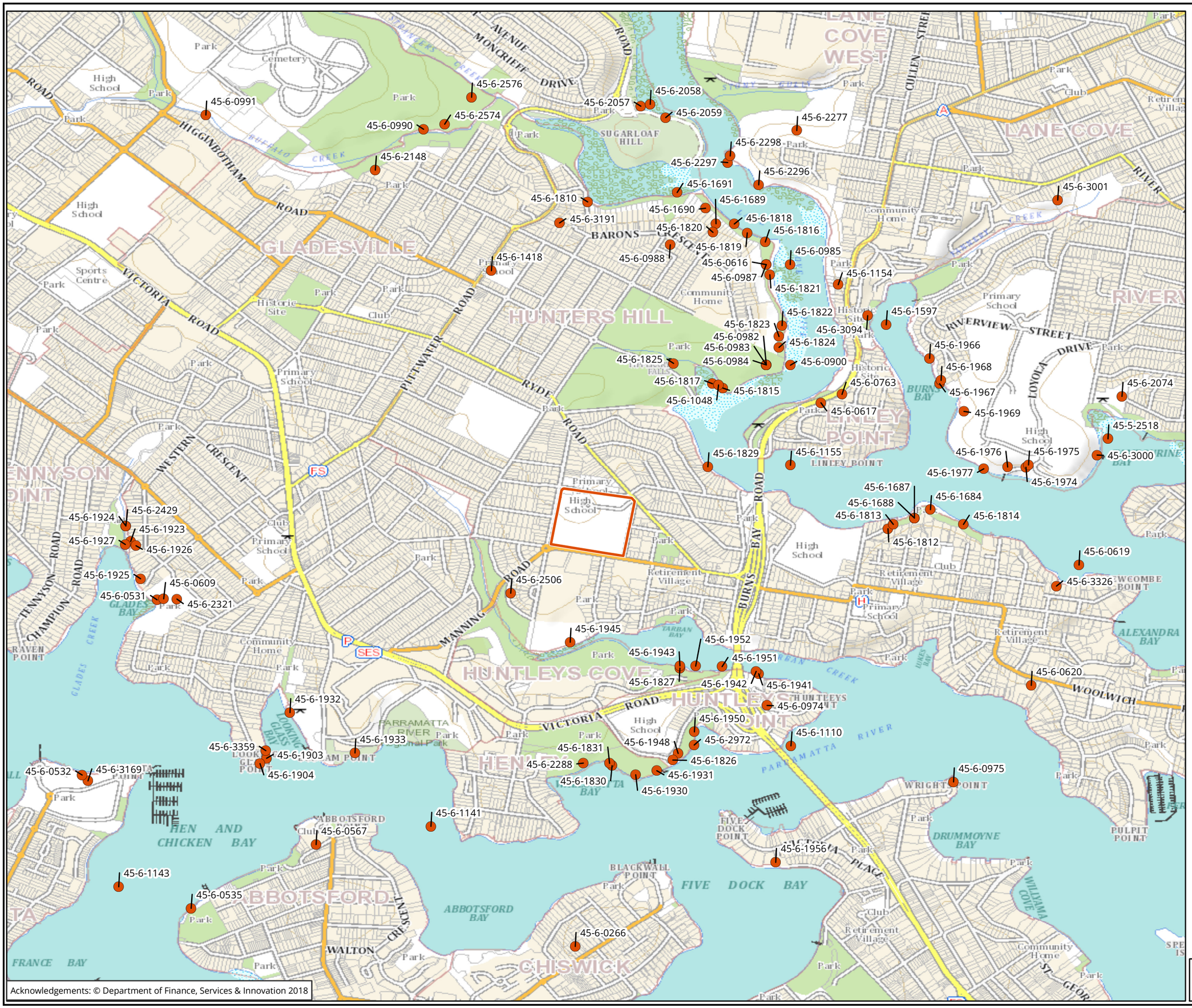
Table 3 AHIMS site type frequency

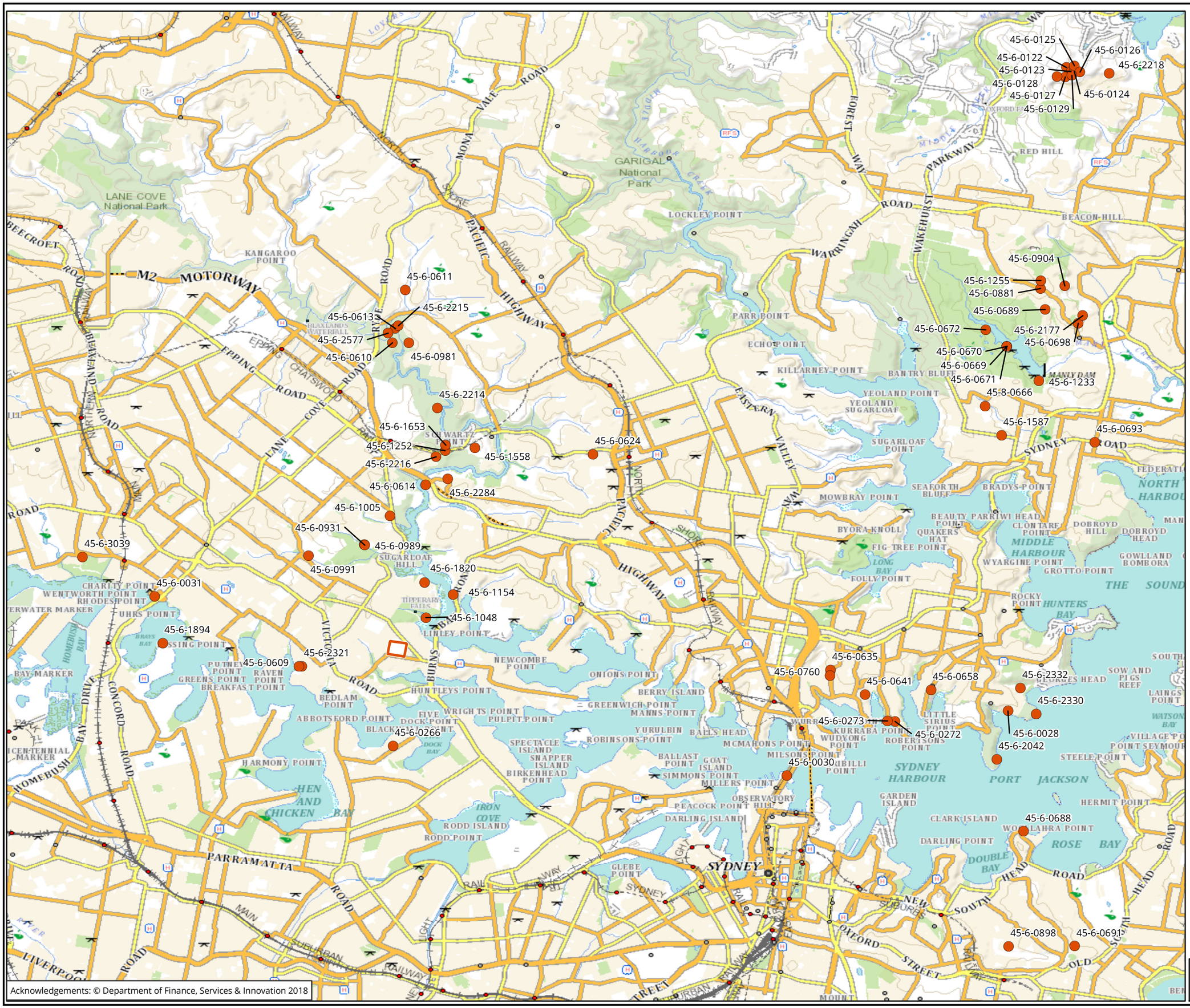
Site type	Number of occurrences	Frequency (%)
Shelter with midden	39	36.1
Midden	18	16.7
Midden, open camp site	9	8.3
Shelter with art	8	7.4
Axe grinding groove – grinding groove	5	4.6
Shelter with art, shelter with midden	5	4.6
Shelter with deposit	5	4.6
Shell	4	3.7
Open camp site	3	2.8
Rock engraving	3	2.8
Shelter with art, shelter with deposit	2	1.9
Burial/s, midden, open camp site	1	0.9
Not an Aboriginal site (earth mound)	1	0.9
Habitation structure	1	0.9
Habitation structure, shell	1	0.9
PAD	1	0.9
PAD, shell	1	0.9
Total	**108**	**100**

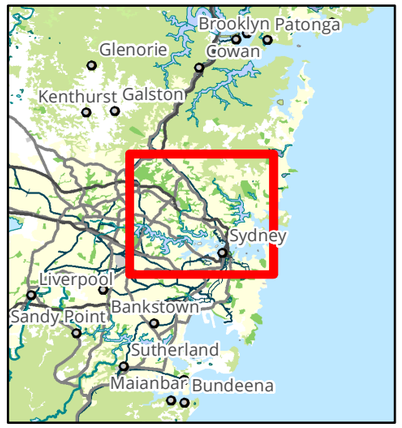
A simple analysis of the Aboriginal cultural heritage sites registered within the 4 x 4 kilometre search area indicates that the most common site types are rock shelters with middens (36.1%, n=39), followed by middens (16.7%, n=18). The majority of sites are located in close proximity to water, with many on the shoreline of the Parramatta River and its bays and tributaries such as the Lane Cove River. This can be partly attributed to the nature of assessments conducted within the area; a number of studies have focused on areas of land adjacent to these waterways, which are often undeveloped parkland and as such subject to less development and disturbance. Furthermore, as Hunters Hill was established as a farming and then residential area from around the 1840s onwards, it is unlikely that many Aboriginal heritage assessments have taken place on the slopes and ridgeline of the peninsula.

Additional analysis was undertaken on the nature and location of 64 rock engraving and grinding groove AHIMS sites in the wider region surrounding the study area. This analysis was undertaken in order to identify the landforms on which these site types occur (Figure 8). A full list of the sites included in this analysis is provided in Appendix 2. Of the sites reviewed, 78.1%, (n=50) were located either immediately adjacent to or in close proximity to water, with the remaining sites (21.9%, n=14) located relatively inland from water sources in comparison. Furthermore, 32.8% (n=21) sites occurred on higher ground on landform units including upper

slopes and crests or ridgelines, or in closed depressions between two crests; the remaining 67.2% (n=43) were located on mid or lower slopes, open depressions, cliffs or cliff foot slopes, and flats.


45-6-0991
45-6-2576
45-6-2574
45-6-0990
45-6-2148
45-6-2058
45-6-2057
45-6-2059
45-6-2277
45-6-2298
45-6-2297
45-6-2296
45-6-1691
45-6-1689
45-6-1690
45-6-1810
45-6-3191
45-6-1820
45-6-1818
45-6-1816
45-6-1819
45-6-0988
45-6-0985
45-6-0616
45-6-0987
45-6-1821
45-6-1154
45-6-1418
45-6-3001
45-6-1822
45-6-1597
45-6-3094
45-6-1823
45-6-0982
45-6-0983
45-6-1824
45-6-1825
45-6-0984
45-6-0900
45-6-1966
45-6-1968
45-6-1967
45-6-1969
45-6-0763
45-6-1817
45-6-1815
45-6-1048
45-6-0617
45-6-2074
45-5-2518
45-6-3000
45-6-1829
45-6-1155
45-6-1976
45-6-1975
45-6-1977
45-6-1974
45-6-1687
45-6-1688
45-6-1684
45-6-1813
45-6-1814
45-6-1812
45-6-0619
45-6-3326
45-6-2429
45-6-1924
45-6-1923
45-6-1927
45-6-1926
45-6-1925
45-6-0609
45-6-0531
45-6-2321
45-6-2506
45-6-1945
45-6-1943
45-6-1952
45-6-1951
45-6-1827
45-6-1942
45-6-1941
45-6-0620
45-6-0974
45-6-1932
45-6-1950
45-6-1933
45-6-3359
45-6-1903
45-6-1904
45-6-1831
45-6-1948
45-6-2972
45-6-1110
45-6-2288
45-6-1826
45-6-1830
45-6-1931
45-6-1930
45-6-0532
45-6-3169
45-6-0975
45-6-1141
45-6-0567
45-6-1956
45-6-1143
45-6-0535
45-6-0266
Kenthurst Galston
Sydney
Bankstown
Hurstville
Sandy Point
Sutherland
Cronulla
Legend
Study area
AHIMS record
Figure 4 AHIMS records near the study area
NOT TO BE MADE PUBLIC
0 160 320 480 640 800
Metres
Scale: 1:16,000 @ A3
Coordinate System: GCS GDA 1994
biosis
Biosis Pty Ltd
Ballarat, Brisbane, Canberra, Melbourne, Sydney,Wangaratta & Wollongong
Matter: 29211
Date: 09 May 2019,
Checked by: CLA, Drawn by: AEDM, Last edited by: amurray
Location:P:\29200s\29211\Mapping\29211_ACHA_F4_AHIMS
Acknowledgements: © Department of Finance, Services & Innovation 2018





Legend

- Study area
- Engraving and grinding groove AHIMS sites

Figure 8 Engraving and grinding groove AHIMS sites

NOT TO BE MADE PUBLIC

0 700 1,400 2,100 2,800 3,500

Metres

Scale: 1:70,000 @ A3

Coordinate System: GCS GDA 1994

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Matter: 29211
Date: 09 May 2019,
Checked by: CLA, Drawn by: AEDM, Last edited by: amurray
Location:P:\29200s\29211\Mapping
29211_AR_F8_EngraveGrinding

3.3 Discussion

3.3.1 Predictive statements

A series of predictive statements have been formulated to broadly predict the type and character of Aboriginal cultural heritage sites likely to have existed throughout the study area and where they are more likely to be located.

These statements are based on:

- Site distribution in relation to landscape descriptions within the study area.
- Consideration of site type, raw material types and site densities likely to be present within the study area.
- Findings of the ethnohistorical research on the potential for material traces to present within the study area.
- Potential Aboriginal use of natural resources present or once present within the study area.
- Consideration of the temporal and spatial relationships of sites within the study area and surrounding region.

Table 4 below indicates the site types most likely to be encountered across the present study area. The definition of each site type is described firstly, followed by the predicted likelihood of this site type occurring within the study area.

Table 4 Aboriginal site prediction statements

Site type	Site description	Potential
Flaked stone artefact scatters and isolated artefacts	Artefact scatter sites can range from high-density concentrations of flaked stone and ground stone artefacts to sparse, low-density 'background' scatters and isolated finds.	Low: Stone artefact sites have been previously recorded in the region on level, well-drained topographies in close proximity to reliable sources of fresh water. Though the study area is located within close proximity to water resources, the potential for artefacts to be present within the study area is assessed as low due to the level of disturbance within the study area.
Potential archaeological deposits (PADs)	Potential sub surface deposits of cultural material.	Low: PADs have been previously recorded in the region within soil deposits with underlying shale. PADs have the potential to be present within areas adjacent to water courses or on high points in undisturbed landforms. However, considerable disturbance of soil profiles within the study area reduce the potential for PADs to low within the study area.
Axe grinding grooves	Grooves created in stone platforms through ground stone tool manufacture.	Low: The study area is located on the Hawkesbury Sandstone geological formation, and rock engraving and grinding groove sites have been recorded in the vicinity of the study area closer to the foreshore. There are also a number of rock engraving and/or grinding groove sites in the surrounding region which are situated on landform types present within the study area. Examination of historical photographs of the

Site type	Site description	Potential
		south-eastern portion of the study area dating back to the 1880s do not show any exposures, and the presence of trees imply that the soils are unlikely to be shallow above the sandstone bedrock.
Shell middens	Deposits of shells accumulated over either singular large resource gathering events or over longer periods of time.	Low: Shell midden sites have been recorded within the vicinity of the study area adjacent to watercourses. There is a low potential for shell middens to be located in the study area as no watercourses are located within or immediately adjacent to the study area.
Quarries	Raw stone material procurement sites.	Low: There is no record of any quarries being within or surrounding the study area.
Modified trees	Trees with cultural modifications	Low: Due to extensive vegetation clearance only a small number of mature native trees have survived. The potential for scarred tress to occur is therefore assessed as low.
Burials	Aboriginal burial sites.	Low: Aboriginal burial sites are generally situated within deep, soft sediments, caves or hollow trees. Areas of deep sandy deposits will have the potential for Aboriginal burials. The Glenorie soil landscape features loam, clayey loam and clay soils, suggesting that the study area would not have been suitable for Aboriginal burial sites. The south-eastern portion of the study area also features considerable fill deposits, overlying natural clays and/or extremely weather sandstone.
Aboriginal ceremony and Dreaming Sites	Such sites are often intangible places and features and are identified through oral histories, ethnohistoric data, or Aboriginal informants.	Low: There are currently no recorded mythological stories for the study area.
Post-contact sites	These are sites relating to the shared history of Aboriginal and non-Aboriginal people of an area and may include places such as missions, massacre sites, post-contact camp sites and buildings associated with post-contact Aboriginal use.	Low: There are no post-contact sites previously recorded in the study area and historical sources do not identify one.

Site type	Site description	Potential
Aboriginal places	Aboriginal places may not contain any 'archaeological' indicators of a site, but are nonetheless important to Aboriginal people. They may be places of cultural, spiritual or historic significance. Often they are places tied to community history and may include natural features (such as swimming and fishing holes), places where Aboriginal political events commenced or particular buildings.	Low: There are currently no recorded Aboriginal historical associations for the study area.
Rock shelters with art and / or deposit	Rock shelter sites include rock overhangs, shelters or caves, and generally occur on, or next to, moderate to steeply sloping ground characterised by cliff lines and escarpments. These naturally formed features may contain rock art, stone artefacts or midden deposits and may also be associated with grinding grooves.	Nil: The sites will only occur where suitable sandstone exposures or overhangs possessing sufficient sheltered space exist.

4 Archaeological survey

In addition to the archaeological survey undertaken in February 2018 for a due diligence assessment, an archaeological and cultural survey of the study area was undertaken on 22 February 2019 by Charlotte Allen (Archaeologist, Biosis), and Kevin Telford (Cultural Heritage Officer, Metropolitan LALC). The field survey sampling strategy, methodology and a discussion of results are provided below.

4.1 Archaeological survey objectives

The objectives of the survey were to:

- Provide representatives of the registered aboriginal parties (RAPs) an opportunity to view the study area and to discuss previously identified Aboriginal object(s) and/or place(s) in or within close proximity to the study area.
- Undertake a systematic survey of the study area targeting areas with the potential for Aboriginal heritage.
- Identify and record any areas of Aboriginal archaeological and cultural sensitivity.

4.2 Archaeological survey methodology

The survey methods were intended to assess and understand the landforms and to determine whether any archaeological material from Aboriginal occupation or land use exists within the study area.

4.2.1 Survey sampling strategy

The survey effort targeted those portions of the study area that will be impacted by the proposed works. The purpose of this strategy was to allow for the Metropolitan LALC to view these locations and provide any additional cultural information which may contribute to the assessment of the study area.

4.2.2 Survey methods

The archaeological survey was conducted on foot with a field team of two members. Recording during the survey followed the archaeological survey requirements of the Code and industry best practice methodology. Information that recorded during the survey included:

- Aboriginal objects or sites present in the study area during the survey.
- Survey coverage.
- Any resources that may have potentially have been exploited by Aboriginal people.
- Landform.
- Photographs of the site indicating landform.
- Evidence of disturbance.
- Aboriginal artefacts, culturally modified trees or any other Aboriginal sites.

Where possible, identification of natural soil deposits within the study area was undertaken. Photographs and recording techniques were incorporated into the survey including representative photographs of survey units, landform, vegetation coverage, GSV and the recording of soil information for each survey unit were possible. Any potential Aboriginal objects observed during the survey were documented and photographed.

The location of Aboriginal cultural heritage and points marking the boundary of the landform elements were recorded using a hand-held Global Positioning System and the Map Grid of Australia (94) coordinate system.

4.3 Archaeological survey results

A series of meandering transects were walked across slope and crest landforms by the two team members (Figure 9). No Aboriginal sites or PADs were identified within the study area during the survey. The results from the field survey have been summarised below.

The study area is located across two landform units; a crest, and an upper slope which falls in a south-easterly direction towards Tarbon Creek, Tarban Bay and the Parramatta River (Plate 15, Plate 16). The areas of proposed works are situated on both landforms: the south-eastern corner is situated on the lowest part of the upper slope within the study area (Plate 17); the north-eastern corner is positioned on the upper slope at a slightly higher elevation (Plate 18); and the north-western corner is on the edge of the crest landform (Plate 19).



Plate 15 **View south from the southern part of the upper slope landform towards Gladesville Road**



Plate 16 **North-eastern view of the crest landform**



Plate 17 View of south-eastern portion of the study area, facing north-west

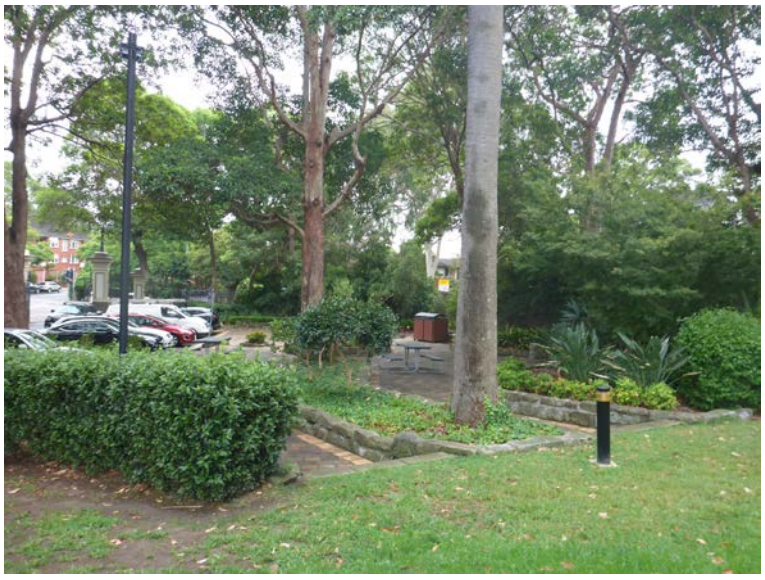


Plate 18 View towards area of proposed works in the north-eastern portion of the study area, facing north-east



Plate 19 View of area of proposed works in north-western corner of the study area, facing west

There has been a significant amount of disturbance throughout the study area. These disturbances include levelling fills, which in parts of the south-eastern corner extend deeper than 1.7 metres in the basketball court area, construction of multi-storey buildings, roads, footpaths, carparks, landscaping sports facilities such as swimming pools and sports courts, and associated sub-surface infrastructure. The area of proposed works in the south-eastern corner consists of terraced sports courts, an access driveway and parking, facilities buildings and storage/stockpiling areas (Plate 17, Plate 20, Plate 21). The north-eastern corner contains landscaped garden beds, road access and parking facilities, with some existing infrastructure present (Plate 18). The north-western corner largely features landscaped lawns and garden beds, a statue and footpaths (Plate 19, Plate 22, Plate 23).



Plate 20 **View of terracing for the sports courts in the south-eastern portion of the study area, facing south**



Plate 21 **View of facilities buildings, paved road and path areas and storage space in the south-eastern portion of the study area, facing west**



Plate 22 **Landscaped lawns and garden areas in the north-western portion of the study area, facing south-west**



Plate 23 **View of lawn and garden area in the north-western portion of the study area, facing north**

A comment was made by Kevin Telford of the Metropolitan LALC regarding the possibility of remnant grinding groove or rock engraving sites present on the sandstone bedrock underlying the levelling fills. While the AHIMS search undertaken for this assessment showed some instances of these site types within the search area, these were all located on lower ground and in closer proximity to water. Additional research was undertaken as a result of this comment to investigate the likelihood of these site features being located on the landforms within the study area (see Section 3.2.3).

4.3.1 Discussion of archaeological survey results

The archaeological survey was conducted in one day with a field team of two members, which consisted of Charlotte Allen (Biosis) and Kevin Telford (Metropolitan LALC). Generally, the survey was hampered by poor ground surface visibility (approximately 10%) throughout the majority of the areas to be impacted by proposed works. This was due to vegetation, grass cover, and disturbance caused by standing structures, and paved areas such as roads, footpaths and carparks. Despite the known presence of introduced fill material within the study area, particularly in the south-eastern portion, locations featuring exposed ground surface were inspected for the presence of any artefacts which may be present within the fill material (Plate 20, Plate 24, Plate 25). Within the north-western portion of the study area, exposures contained shell fragments, but

also European artefactual material such as ceramic, glass and brick fragments, suggesting that the area has also been subject to levelling with introduced fill (Plate 26). No Aboriginal objects were identified during the survey. The study area has been subjected to extensive clearing and no mature trees were identified within the area of proposed works, limiting the potential for scarred trees to be located within the study area. No sandstone rock outcroppings were located within the study area capable of supporting art sites or grinding grooves, and no midden or shell remains consistent with Aboriginal resource exploitation were visible within the study area at the time of survey.

The survey confirmed that Aboriginal heritage sites are unlikely to occur within the study area. This conforms broadly with the predictive statements in Section 3.3.1, where Aboriginal sites are more likely to occur in areas adjacent to permanent fresh water sources and other resource gathering sites. The presence of middens and other sites within 500 metres of the study area suggest that Aboriginal people most likely frequented the area due to its proximity to the resource-rich, estuarine foreshores of the Parramatta River. However, given the likelihood of soil erosion due to the surrounding topography and the extensive disturbance to, and modification of, the original soil profiles, there is limited opportunity for sub-surface archaeological deposits to have survived.



Plate 24 **Area of exposure in the south-eastern portion of the study area, facing west**



Plate 25 **Area of exposure in the north-western portion of the study area, facing north**



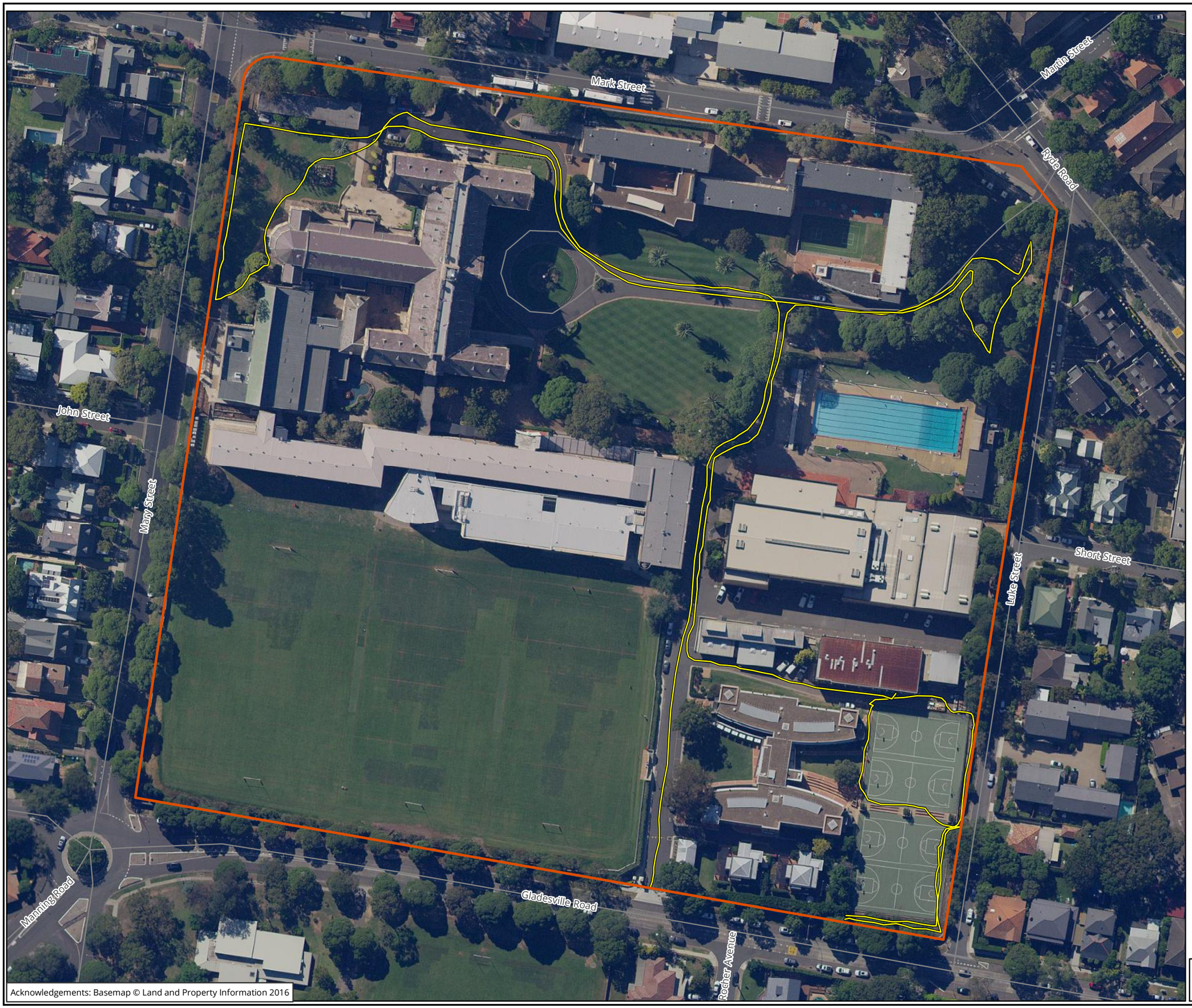
Plate 26 **Detail of shell, brick and other inclusions in an exposure in proximity to area of proposed works in the north-western portion of the study area**

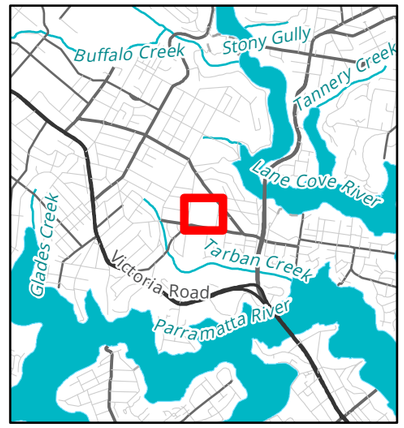
Table 5 Survey coverage

Survey unit	Landform	Survey unit area (m²)	Visibility (%)	Exposure (%)	Effective coverage area (m²)	Effective coverage (%)
Survey unit 1	Crest and upper slope	7,3000	75	10	1,0950	7.5

Table 6 Landform summary

Landform	Landform area (m²)	Area effectively surveyed (m²)	Landform effectively surveyed (%)	No. of Aboriginal sites	No. of artefacts or features
Crest	53830.07	1464.66	3	Nil	Nil
Upper slope	19097.56	3386.46	18	Nil	Nil





Legend

Study

Survey

Figure 9 Survey coverage

0 10 20 30 40 50

Metres

Scale: 1:1,200 @ A3

Coordinate System: GDA 1994 MGA Zone 56

N

Biosis Pty Ltd

Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 29211
Date: 09 May 2019,
Checked by: CLA, Drawn by: AEDM, Last edited by: amurray
Location:P:\29200s\29211\Mapping
29211_AR_F9_SurveyCoverage

Acknowledgements: Basemap © Land and Property Information 2016

5 Analysis and discussion

An AHIMS search encompassing a 4 by 4 kilometre radius centred on the study area returned 108 previously recorded Aboriginal sites. None of these sites were located within the study area. The predominant site type in the search area comprises rock shelters with middens, followed by middens. The majority of sites are located in close proximity to water, with many on the shoreline of the Parramatta River and its bays and tributaries such as the Lane Cove River. The claosest previously recorded sites include a rock shelter with archaeological deposit approximately 278 metres to the south-west and a rock shelter with a midden approximately 312 metres to the north-east. The nearest rock engraving site is approximately 628 metres to the north-east. Each site is in close proximity to or adjacent to water sources (Tarban Creek or the Lane Cove River).

Previous assessments in the local area and wider region indicate that habitation or occupational sites such as middens or shelters with PAD were generally located close to fresh water sources, while rock engravings have occasionally be identified in areas unlikely to have been inhabited by Aboriginal people, such as ridge lines and hill slopes located away from a water source (Attenbrow 1988, V. Attenbrow 1990, Val Attenbrow 1990, Negerevich 1978, Conyers 1990, Ross & Attenbrow 1990, HLA-Envirosciences 2003, Aboriginal Heritage Office 2011, Dominic Steele Consulting Archaeology 2015, Hawthorne (1982, cited in Attenbrow 1988). Additional research undertaken on rock engravings and grinding grooves following the archaeological survey found that of 64 sites, less than a third (32.8%, n=21) were located on higher ground on landform units including crests and upper slopes.

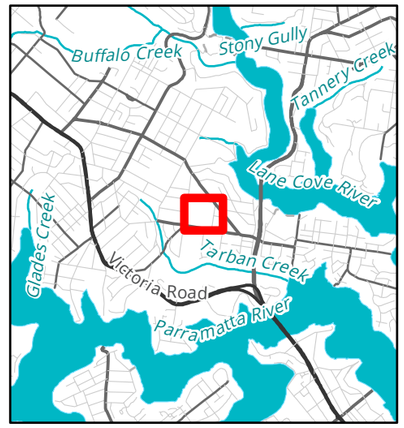
The results of the archaeological investigation remain broadly consistent with the predictive statements made in Section 3.3.1 of this report. Historic, ethnographic and archaeological evidence suggests that the foreshores of the Parramatta River and Lane Cove River were resource-rich at the time of European settlement, and were inhabited by Aboriginal people. However, the long term European development of Hunters Hill and the study area from the 1840s onwards, in particular the modification of ground surface and soil profiles from the mid-20th century and construction of sports facilities, buildings, infrastructure and landscaping, were taken into account when formulating the predictive statements for Aboriginal sites within the study area.

Geotechnical investigations (WSP Australia Pty Ltd 2018) revealed that the underlying soil profiles in the south-eastern portion of the study area consisted of largely disturbed fill, overlying either sandy clays, clays and/or extremely weathered sandstone. While rock engraving and grinding groove site types do occur on the landform units present within the study area, it is unlikely that areas of sandstone bedrock have been exposed for this to occur. The presence of extremely weathered sandstone implies that moisture from overlying soils has been leaching into the sandstone and degrading its structural integrity over time. Furthermore, historical photographs dating back to the 1880s do not show any rock platforms or exposures; trees are also present, implying that the soils needed to be sufficiently deep to support this vegetation. This suggests that rock engravings and grinding grooves are unlikely to occur within the study area.

Regarding likelihood of sub-surface deposits, soil erosion is likely to have occurred due to the slope inclination, washing any artefacts that were present within the study area down the slope. These results and considerations support the archaeological assessment of the study area as possessing a low potential for sub-surface deposits. Additionally, the location of the study area away from the foreshore on crest and upper slope landform units reduces the likelihood of shell middens being present, which typically occur in closer proximity to water and marine resources. The study area did not contain any rock platforms or shelters which could contain archaeological deposits, middens, art or engravings.

Previous archaeological investigations across the Sydney region and Cumberland Plain highlight the role of freshwater sources in predicting areas of higher Aboriginal use and occupation. The study area is located across a high ridgeline sloping towards Tarban Bay and Tarban Creek, the nearest source of fresh water. While Tarban Creek is approximately 273 metres to the south-east, the steep topography may have discouraged Aboriginal people from long-term or regular occupation of the study area, instead preferring areas of accessible lower ground closer to resources, fresh water and shelter. In conclusion, the areas of proposed works within the study area have been assessed as holding low archaeological potential (Figure 10).





Legend

Study

Archaeological potential

Low

Figure 10 Archaeological assessment

0 10 20 30 40 50

Metres

Scale: 1:1,200 @ A3

Coordinate System: GDA 1994 MGA Zone 56

Biosis Pty Ltd

Albury, Ballarat, Melbourne,
Newcastle, Sydney, Wangaratta & Wollongong

Matter: 29211
Date: 09 May 2019,
Checked by: CLA, Drawn by: AEDM, Last edited by: amurray
Location:P:\29200s\29211\Mapping
29211_AR_F10_ArchAssessment

Acknowledgements: Basemap © Land and Property Information 2016

6 Scientific values and significance assessment

The two main values addressed when assessing the significance of Aboriginal sites are cultural values to the Aboriginal community and archaeological (scientific) values. This report will assess scientific values while the ACHA report will detail the cultural values of Aboriginal sites in the study area.

6.1 Introduction to the assessment process

Heritage assessment criteria in NSW fall broadly within the significance values outlined in the Australia International Council on Monuments and Sites (ICOMOS) Burra Charter (Australia ICOMOS 2013). This approach to heritage has been adopted by cultural heritage managers and government agencies as the set of guidelines for best practice heritage management in Australia. These values are provided as background and include:

- **Historical significance** (evolution and association) refers to historic values and encompasses the history of aesthetics, science and society, and therefore to a large extent underlies all of the terms set out in this section. A place may have historic value because it has influenced, or has been influenced by, an historic figure, event, phase or activity. It may also have historic value as the site of an important event. For any given place the significance will be greater where evidence of the association or event survives in situ, or where the settings are substantially intact, than where it has been changed or evidence does not survive. However, some events or associations may be so important that the place retains significance regardless of subsequent treatment.
- **Aesthetic significance** (Scenic/architectural qualities, creative accomplishment) refers to the sensory, scenic, architectural and creative aspects of the place. It is often closely linked with social values and may include consideration of form, scale, colour, texture, and material of the fabric or landscape, and the smell and sounds associated with the place and its use.
- **Social significance** (contemporary community esteem) refers to the spiritual, traditional, historical or contemporary associations and attachment that the place or area has for the present-day community. Places of social significance 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 significance be damaged or destroyed. These aspects of heritage significance can only be determined through consultative processes with local communities.
- **Scientific significance** (Archaeological, industrial, educational, research potential and scientific significance values) refers to the importance of a landscape, area, place or object because of its archaeological and/or other technical aspects. Assessment of scientific value is often based on the likely research potential of the area, place or object and will consider the importance of the data involved, its rarity, quality or representativeness, and the degree to which it may contribute further substantial information.

The cultural and archaeological significance of Aboriginal and historic sites and places are assessed on the basis of the significance values outlined above. As well as the ICOMOS Burra Charter significance values guidelines, various government agencies have developed formal criteria and guidelines that have application when assessing the significance of heritage places within NSW. Of primary interest are guidelines prepared by the Commonwealth Department of the Environment and Energy, OEH, NSW Department of Planning and Environment. The relevant sections of these guidelines are presented below.

These guidelines state that an area may contain evidence and associations which demonstrate one or any combination of the ICOMOS Burra Charter significance values outlined above in reference to Aboriginal heritage. Reference to each of the values should be made when evaluating archaeological and cultural significance for Aboriginal sites and places.

In addition to the previously outlined heritage values, the OEH Guidelines (OEH 2011) also specify the importance of considering cultural landscapes when determining and assessing Aboriginal heritage values. The principle behind a cultural landscape is that 'the significance of individual features is derived from their inter-relatedness within the cultural landscape'. This means that sites or places cannot be 'assessed in isolation' but must be considered as parts of the wider cultural landscape. Hence the site or place will possibly have values derived from its association with other sites and places. By investigating the associations between sites, places, and (for example) natural resources in the cultural landscape the stories behind the features can be told. The context of the cultural landscape can unlock 'better understanding of the cultural meaning and importance' of sites and places.

Although other values may be considered – such as educational or tourism values – the two principal values that are likely to be addressed in a consideration of Aboriginal sites and places are the cultural/social significance to Aboriginal people and their archaeological or scientific significance to archaeologists. The determinations of archaeological and cultural significance for sites and places should then be expressed as statements of significance that preface a concise discussion of the contributing factors to Aboriginal cultural heritage significance.

6.2 Archaeological (scientific significance) values

Archaeological significance (also called scientific significance, as per the ICOMOS Burra Charter) refers to the value of archaeological objects or sites as they relate to research questions that are of importance to the archaeological community, including indigenous communities, heritage managers and academic archaeologists. Generally the value of this type of significance is determined on the basis of the potential for sites and objects to provide information regarding the past life-ways of people (Burke & Smith 2004, p.249, NPWS 1997).

Research potential

Research potential is assessed by examining site content and site condition. Site content refers to all cultural materials and organic remains associated with human activity at a site. Site content also refers to the site structure – the size of the site, the patterning of cultural materials within the site, the presence of any stratified deposits and the rarity of particular artefact types. As the site contents criterion is not applicable to scarred trees, the assessment of scarred trees is outlined separately below. Site condition refers to the degree of disturbance to the contents of a site at the time it was recorded. Table 7 and Table 8 outline the site content and site condition ratings used.

Table 7 Site contents ratings used for archaeological sites.

Rating	Description
0	No cultural material remaining.
1	Site contains a small number (e.g. 0–10 artefacts) or limited range of cultural materials with no evident stratification.
2	Site contains a larger number, but limited range of cultural materials; and/or some intact stratified deposit remains; and/or are or unusual example(s) of a particular artefact type.

Rating	Description
3	Site contains a large number and diverse range of cultural materials; and/or largely intact stratified deposit; and/or surface spatial patterning of cultural materials that still reflect the way in which the cultural materials were deposited.

Table 8 Site condition ratings used for archaeological sites

Rating	Description
0	Site destroyed.
1	Site in a deteriorated condition with a high degree of disturbance; lack of stratified deposits; some cultural materials remaining.
2	Site in a fair to good condition, but with some disturbance.
3	Site in an excellent condition with little or no disturbance. For surface artefact scatters this may mean that the spatial patterning of cultural materials still reflects the way in which the cultural materials were laid down.

Pearson and Sullivan (1995, p.149) note that Aboriginal archaeological sites are generally of high research potential because 'they are the major source of information about Aboriginal prehistory'. Indeed, the often great time depth of Aboriginal archaeological sites gives them research value from a global perspective, as they are an important record of humanity's history. Research potential can also refer to specific local circumstances in space and time – a site may have particular characteristics (well preserved samples for absolute dating, or a series of refitting artefacts, for example) that mean it can provide information about certain aspects of Aboriginal life in the past that other less or alternatively valuable sites may not (Burke & Smith 2004, pp.247–8). When determining research potential value particular emphasis has been placed on the potential for absolute dating of sites.

Representativeness

Representativeness refers to the regional distribution of a particular site type. Representativeness is assessed by whether the site is common, occasional, or rare in a given region. Assessments of representativeness are subjectively biased by current knowledge of the distribution and number of archaeological sites in a region. This varies from place to place depending on the extent of archaeological research. Consequently, a site that is assigned low significance values for contents and condition, but a high significance value for representativeness, can only be regarded as significant in terms of knowledge of the regional archaeology. Any such site should be subject to re-assessment as more archaeological research is undertaken.

Assessment of representativeness also takes into account the contents and condition of a site. For example, in any region there may only be a limited number of sites of any type that have suffered minimal disturbance. Such sites would therefore be given a high significance rating for representativeness, although they may occur commonly within the region. Table 9 outlines the site representativeness ratings used.

Table 9 Site representativeness ratings used for archaeological sites

Rating	Description
1	Common occurrence.
2	Occasional occurrence.

Rating	Description
3	Rare occurrence.

Overall scientific significance ratings for sites, based on a cumulative score for site contents, site integrity and representativeness are provided in Table 10.

Table 10 Scientific significance ratings used for archaeological sites

Rating	Description
1-3	Low scientific significance.
4-6	Moderate scientific significance.
7-9	High scientific significance.

Each site is given a score on the basis of these criteria – the overall scientific significance is determined by the cumulative score.

6.2.1 Statements of archaeological significance

No Aboriginal sites or PADs were identified within the areas of proposed works within St Joseph's College and no previously recorded sites are located within, or in close proximity to the study area. The archaeological potential of the entire study area has been assessed as low. There is a low likelihood of Aboriginal cultural heritage with archaeological (scientific) value occurring within the study area. The scientific significance of the entire study area is therefore assessed as low.

6.2.2 Cultural (Social) Significance

Cultural significance of Aboriginal cultural heritage can only be assessed by the Aboriginal community. During the site survey, Kevin Telford from the Metropolitan LALC noted that, while the surrounding area would have traditionally been an important place for food and resources, any cultural material was more likely to be further down the slope closer to the foreshore. The possibility of rock engravings or grinding grooves occurring on the underlying sandstone beneath the introduced fill materials was also raised. However, following further investigation of similar AHIMS sites, geotechnical results and historical documentation of the study area following the archaeological survey, it was concluded that there was a low likelihood of these site types to be present.

7 Impact assessment

As previously outlined, the project proposes the following works:

- Demolition of the following buildings (which are not heritage significant) near the intersection of Luke Street and Gladesville Road:
  - College Shop
  - Healy Gym and Maintenance Workshop
  - Outdoor Sports Courts
  - Workshop/Storage and Shed
- Construction of the Physical Education and Sports Precinct Project (PESPP) comprising the following facilities:
  - Lower Ground Floor: New car parking, maintenance workshops, storage, offices, amenities etc. A net increase of 54 car parking spaces is proposed (85 new spaces to be provided in the SCP basement less 30 at grade spaces to be removed).
  - Ground floor: Three indoor sports courts, amenities, kitchen and entry lobbies.
  - First Floor: Void over sports courts, bench seating (180 seats), staff facilities, two general learning areas and foyer.
  - Driveway entry to the PESPP (no new vehicular cross overs).
  - Landscaping and tree removal/replacement.
- Construction of a new single storey building to accommodate the relocated Healy Gym in the north-western corner of the site near the intersection of Mary Street and Mark Street.
- New kiosk substation and landscaping in the north-eastern corner of the site
- Use of the completed works as an educational establishment.
- Staging which would facilitate completion of the PESPP in up to two stages (noting that the entire project may be completed in one stage).

The proposed works will be located in the south-eastern, north-eastern and north-western portions of the study area.

7.1 Predicted physical impacts

The proposed works will be located in the south-eastern, north-eastern and north-western portions of the study area. However, no Aboriginal sites or PADs were identified within the study area and no previously recorded sites are located within, or in close proximity to the study area. The archaeological potential of the entire study area has been assessed as low. Accordingly, the proposed works will not impact on Aboriginal archaeological sites or objects

7.2 Management and mitigation measures

Ideally, heritage management involves conservation of sites through the preservation and conservation of fabric and context within a framework of 'doing as much as necessary, as little as possible' (Marquis-Kyle & Walker 1994, p.13). In cases where conservation is not practical, several options for management are available. For sites, management often involves the salvage of features or artefacts, retrieval of information through excavation or collection (especially where impact cannot be avoided) and interpretation.

Avoidance of impact to archaeological and cultural heritage sites through design of the development is the primary mitigation and management strategy, and should be implemented where practicable.

This assessment has determined that the proposed works will not impact on any Aboriginal sites or objects. An unexpected finds protocol has been recommended as part of this assessment.

8 Recommendations

Strategies have been developed based on the archaeological significance of cultural heritage relevant to the study area and influenced by:

- Predicted impacts to Aboriginal cultural heritage.
- The planning approvals framework.
- Current best conservation practise, widely considered to include:
  - ethos of the Australia ICOMOS Burra Charter
  - the Code.

Prior to any impacts occurring within the study area, the following is recommended:

Recommendation 1: Works may proceed with caution in areas of low archaeological potential

No Aboriginal objects, sites, or areas of sensitivity were identified within the study area. The areas of proposed works have been assessed as holding low archaeological potential. No further archaeological works are required. The proposed works may proceed with caution; refer to Recommendation 2 below for unanticipated Aboriginal objects.

Recommendation 2: Discovery of Unanticipated Aboriginal Objects

All Aboriginal objects and Places are protected under the NPW Act. It is an offence to knowingly disturb an Aboriginal site without a consent permit issued by the OEH. Should any Aboriginal objects be encountered during works associated with this proposal, works must cease in the vicinity and the find should not be moved until assessed by a qualified archaeologist. If the find is determined to be an Aboriginal object the archaeologist will provide further recommendations. These may include notifying the OEH and Aboriginal stakeholders.

Recommendation 3: Discovery of Aboriginal Ancestral Remains

Aboriginal ancestral remains may be found in a variety of landscapes in NSW, including middens and sandy or soft sedimentary soils. If any suspected human remains are discovered during any activity you must:

1. Immediately cease all work at that location and not further move or disturb the remains.
2. Notify the NSW Police and OEH's Environmental Line on 131 555 as soon as practicable and provide details of the remains and their location.
3. Not recommence work at that location unless authorised in writing by OEH.

Recommendation 4: Continued consultation with the registered Aboriginal stakeholders

As per the consultation requirements it is recommended that the proponent provides a copy of this draft report to the Aboriginal stakeholders and considers all comments received. The proponent should continue to inform these groups about the management of Aboriginal cultural heritage sites within the study area throughout the life of the project.

Recommendation 5: Lodgment of Final Report

A copy of the final report will be sent to:

- Registered Aboriginal Parties.
- The AHIMS database.

References

Aboriginal Heritage Office 2011, *City of Ryde: Aboriginal Site Management Report. Report to City of Ryde*.

Attenbrow, V 1988, *Research into the Aboriginal occupation of the Hunter's Hill Municipality. Report for the Municipality of Hunter's Hill*.

Attenbrow, V 1990, *The Port Jackson archaeological project : report on stage I*, Australian Museum.

Attenbrow, V 1990, *Port Jackson Archaeological Project - Stage II. Preliminary report on excavations undertaken in august/September 1990 under NPWS permit dated 30/7/1990*.

Attenbrow, V 2002, *Sydney's Aboriginal Past: Investigating the archaeological and historical records*, University of New South Wales Press Ltd, Sydney.

Australia ICOMOS 2013, *The Burra Charter: the Australia ICOMOS Charter for Places of Cultural Significance*, Australia ICOMOS, Burwood, VIC.

Beecroft-Cheltenham History Group 1995, *Beecroft and Cheltenham: the shaping of a Sydney community to 1914*, The Group, Beecroft.

Biosis 2012, *The Quay Project, Haymarket: Archaeological Report. Report prepared for Cultural Resources Management*.

Biosis Pty Ltd 2012, *445-473 Wattle Street, Ultimo: Proposed Student Accommodation Development. Aboriginal Cultural Heritage Assessment Report. Report prepared for Cultural Resources Management*.

Burke, H & Smith, C 2004, *The Archaeologist's Field Handbook*, Allen and Unwin, Crows Nest.

Chapman, G & Murphy, C 1989, *Soil Landscapes of the Sydney 1:100,000 sheet*, Soil Conservation Service of NSW, Sydney.

Conyers, B 1990, *Survey for Aboriginal Archaeological Sites: Lane Cove River State Recreation Area*.

DECCW 2010a, *Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales*, Department of Environment and Climate Change, Sydney NSW.

DECCW 2010b, *Aboriginal Cultural Heritage Consultation Requirements for Proponents*, Department of Environment and Climate Change, Sydney NSW.

Dominic Steele Consulting Archaeology 2015, *Aboriginal Archaeological Test Excavation Report. Glades Bay Park, Gladesville, New South Wales*, Report to Ryde City Council.

Farlow, M & Phippen, A 2008, *Gladesville*, *Dictionary of Sydney*, viewed 22 February 2018, <https://dictionaryofsydney.org/entry/gladesville>.

HLA-Envirosciences 2003, *Archaeological Subsurface Testing Program: Eden Gardens, Macquarie Park, NSW.*, HLA-Envirosciences.

Jo McDonald Cultural Heritage Management 2006, *Archaeological Subsurface Investigations at Sepp59 Wonderland Surplus, Old Wallgrove Road, Eastern Creek. Report to Australand Holdings Pty Ltd*.

Jo McDonald Cultural Heritage Management Pty Ltd 2000, *Archaeological Survey for Aboriginal Sites: Proposed Light Industrial Subdivision, 'Austral Site', Mamre Road, Erskine Park, NSW. Report to Gunninah Environmental Consultants for Austral Brick Company.*

Jo McDonald Cultural Heritage Management Pty Ltd 2005a, *Archaeological Salvage Excavation of Site RTA-G1 109-113 George Street Parramatta, NSW*, Report to Landcom.

Jo McDonald Cultural Heritage Management Pty Ltd 2005b, *Archaeological Salvage Excavation of Site CG1 (NPWS #45-5-2648), at the corner of Charles and George Streets, Parramatta, NSW. Report prepared for Meriton Apartments Pty. Ltd.*

Jo McDonald Cultural Heritage Management Pty Ltd 2008, *Austral Land Mamre Road , Erskine Park Archaeological Salvage Excavations, Report to Macquarie Goodman.*

Marquis-Kyle, P & Walker, M 1994, *The illustrated Burra Charter : making good decisions about the care of important places*, Australia ICOMOS with the assistance of the Australian Heritage Commission, Sydney.

'Mrs Reiby's very pretty Figtree Farm, to be sold by auction' 1838, *The Australian*, p. 3.

National Parks and Wildlife Service 1998, *Lane Cove National Park: Plan of Management*, NSW National Parks and Wildlife Service, Lane Cove, NSW.

Negerevich, T 1978, *Aboriginal Rock Engravings - South Head, Sydney Harbour. A Report to the Australian Department of Housing & Construction*.

NPWS 1997, 'Aboriginal Cultural Heritage: Standards and Guidelines Kit'.

OEH 2011, *Guide to Investigating, Assessing and Reporting on Aboriginal Cultural Heritage in NSW*, Office of Environment and Heritage.

Pearson, M & Sullivan, S 1995, *Looking after heritage places : the basics of heritage planning for managers, landowners and administrators*, Melbourne University Press, Carlton, Vic.

Ritter, DF, Kochel, RC, & Miller, JR 1995, *Process Geomorphology*, Wm. C. Brown.

Ross, A & Attenbrow, V 1990, *Aboriginal site survey: Bradley's Head*.

Sherry, B 2009, 'Hunters Hill', *Sydney Journal*, vol. 2, no. 1, pp. 98–106.

Smith, KV 2017, *Aboriginal History*, *City of Ryde*, viewed 19 February 2018, <http://www.ryde.nsw.gov.au/Library/Local-and-Family-History/Historic-Ryde/Aboriginal-History>.

'St. Joseph's College, Hunter's Hill' 1894, *The Sydney Morning Herald*, p. 6.

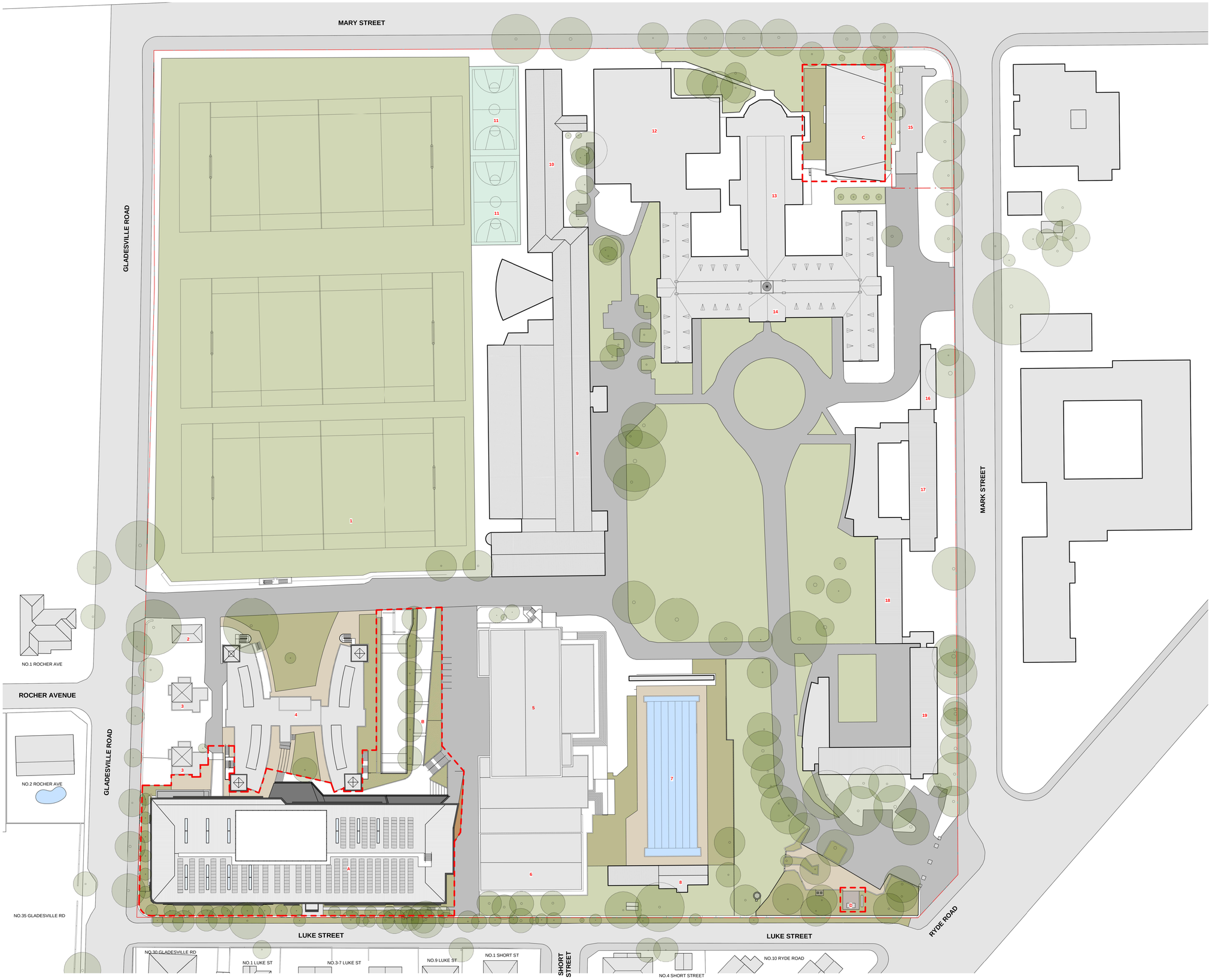
Strahler, A 1964,'Quantitative geomorphology of drainage basins and channel networks', in V Chow (ed.), *Handbook of Applied Hydrology*, McGraw-Hill, New York.

TKD Architects 2018, *Sports Court Project. St Joseph's College, Mark Street, Hunters Hill. Draft Statement of Heritage Impact*.

WSP Australia Pty Ltd 2018, *Targeted contamination investigation - St Joseph's College, Mary Street, Hutners Hill NSW*, Report for Bloompark Consulting Services Pty Ltd.

Appendices

Appendix 1 Proposed development



NOTES

1. GRASS SPORTS FIELDS
2. OLD SANDSTONE SHED
3. TEACHERS RESIDENCES
4. YR 10 DORMITORY
5. BR. EMILIAN HALL
6. SPORTS HALL
7. SWIMMING POOL
8. POOL FACILITIES / PLANT
9. CLASS ROOMS
10. 4 STOREY BRICK BUILDING
11. OUTDOOR SPORTS COURTS
12. 2 STOREY LIBRARY / ADMIN BUILDING
13. STONE CHAPEL
14. MAIN BUILDING
15. BROTHERS RESIDENCE
16. OLD TOILET BLOCK
17. YR 11 RESIDENCE WING
18. YR 12 RESIDENCE WING
19. YR 12 RESIDENCE WING - EAST

A. PROPOSED SPORTS HALL
B. PROPOSED DRIVEWAY ENTRY AND LANDSCAPE UPGRADE
C. PROPOSED HEALY GYM
D. PROPOSED SUBSTATION

SITE BOUNDARY

OUTLINE OF PROPOSED WORKS

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Abbreviations

(E)	EXISTING
(N)	PROPOSED
AW	ALUMINIUM WINDOWS
BK/F	FACE BRICKWORK
EWC	EXTERNAL WALL CLADDING 1
GL	GLASS LOUVRES
VB	VERTICAL BLADES

Rev	Date	Description	Checked	Auth.
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B	06.11.18	Issue for SSD	IB	RD
C	23.04.19	Issue for RtS	IB	RD

Rev	Date	Description	Checked	Auth.

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NSW Nominated Architects:
Robert Denton Reg. No. 5782
Alex Kibble Reg. No. 6015

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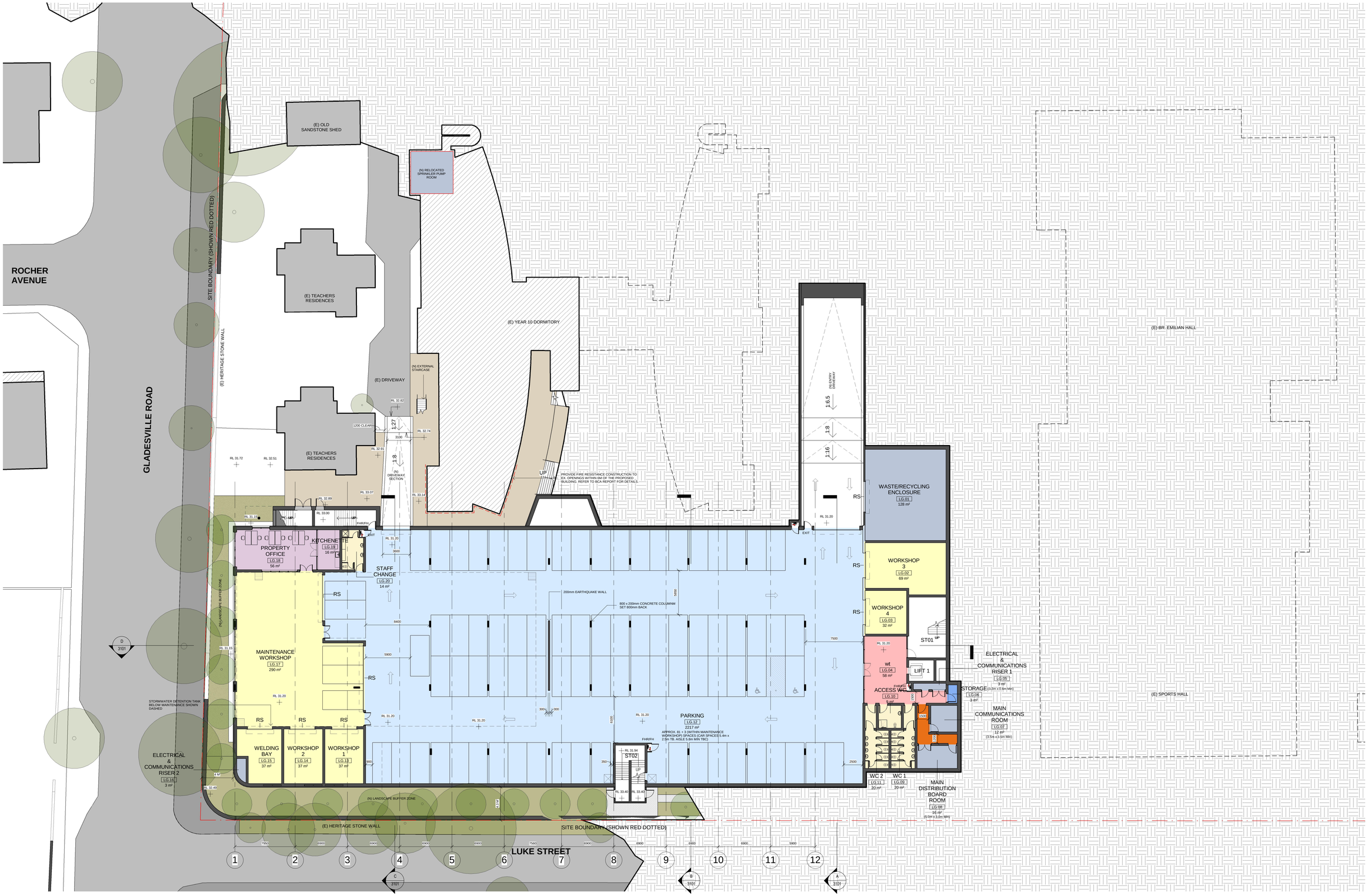
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Drawing Title
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Revision C

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Abbreviations

(E)	EXISTING
(N)	PROPOSED
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BK/F	FACE BRICKWORK
EWC	EXTERNAL WALL CLADDING 1
GL	GLASS LOUVRES
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Rev	Date	Description	Checked	Auth.

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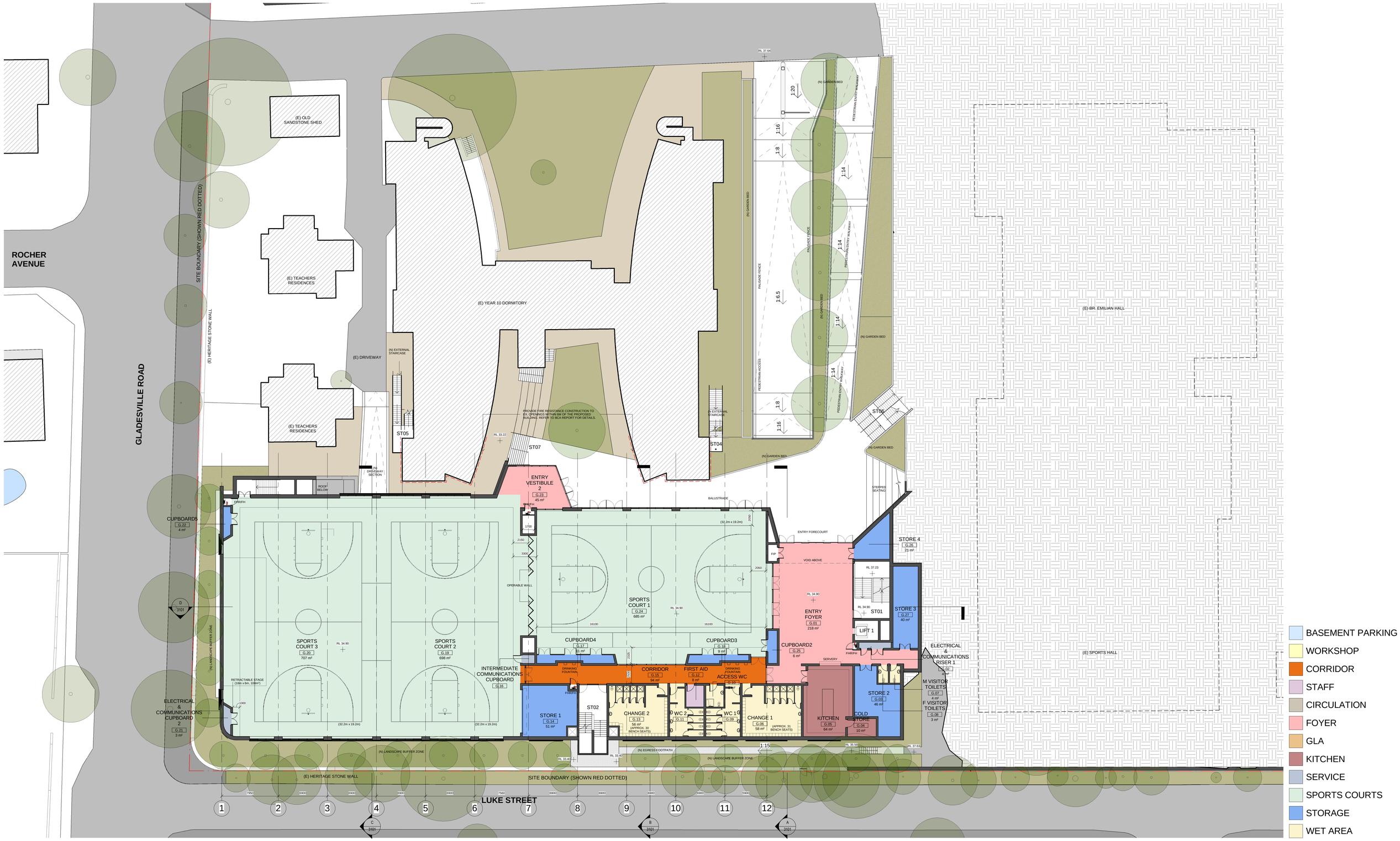
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PHYSICAL EDUCATION AND SPORTS PRECINCT PROJECT

Drawing Title
PROPOSED LOWER GROUND PLAN

Drawing No. AR.DA. 2101
Revision B

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Abbreviations

(E)	EXISTING
(N)	PROPOSED
AW	ALUMINIUM WINDOWS
BK/F	FACE BRICKWORK
EWC	EXTERNAL WALL CLADDING 1
GL	GLASS LOUVRES
VB	VERTICAL BLADES

Rev	Date	Description	Checked	Auth.
A	21.08.18	Issue for SSD	IB	RD
B	23.04.19	Issue for RIS	IB	RD

Rev	Date	Description	Checked	Auth.

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Proj. Dir	Proj. Arch	Drawn
RD	IB	RT
Job No.	Sheet	Scale
161002	B1	1 : 200

NSW Nominated Architects:
Robert Denton Reg. No. 5782
Alex Kibble Reg. No. 6015

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0M 4 8 12 16 20

Project
PHYSICAL EDUCATION AND SPORTS PRECINCT PROJECT

Drawing Title
PROPOSED GROUND FLOOR PLAN

Drawing No. AR.DA. 2102
Revision B

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RD	IB	RT
Job No.	Sheet	Scale
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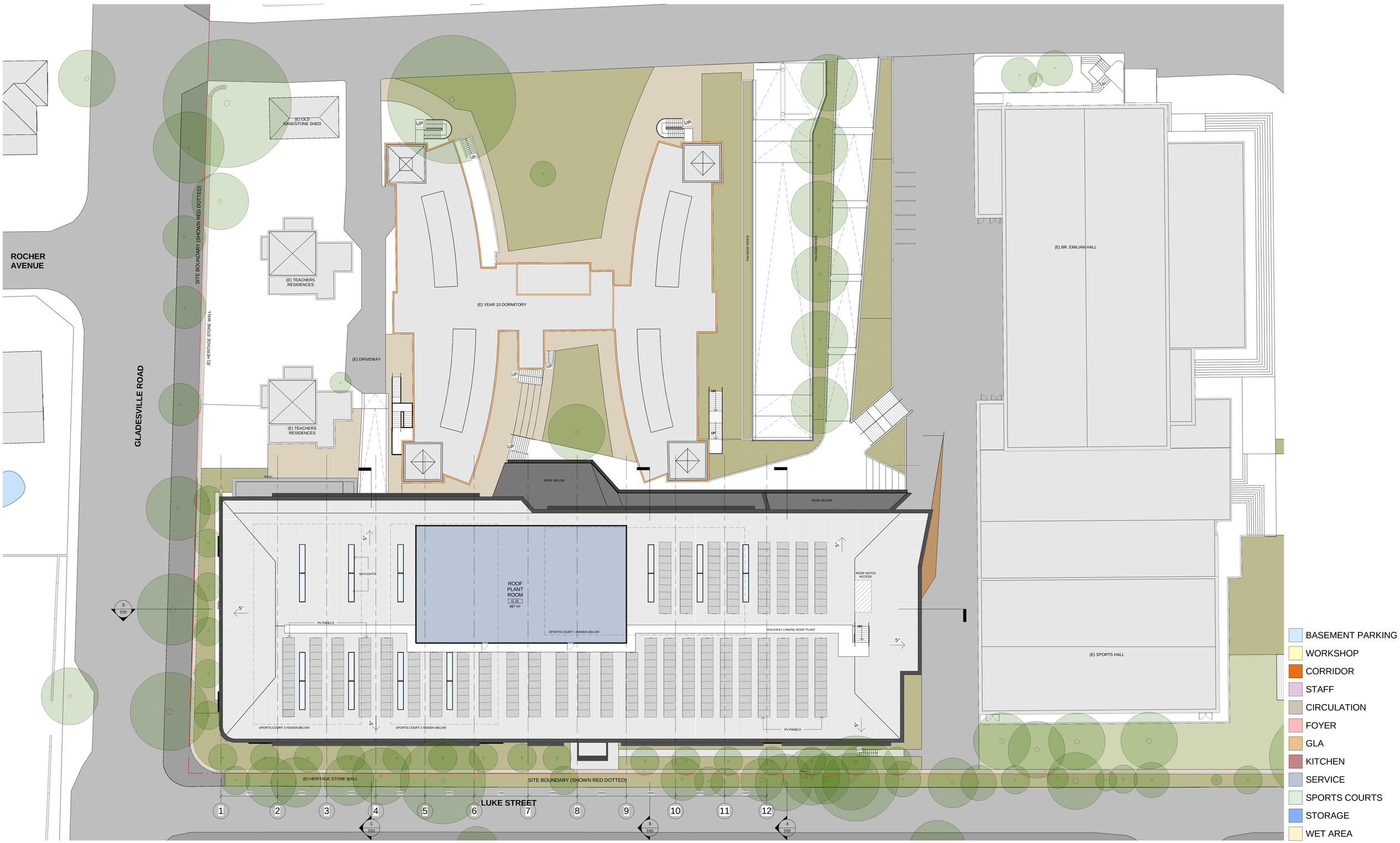
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PHYSICAL EDUCATION AND SPORTS PRECINCT PROJECT

Drawing Title
PROPOSED FIRST FLOOR PLAN

Drawing No. AR.DA. 2103
Revision B

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RD	IB	RT
Job No.	Sheet	Scale
161002	B1	1 : 200

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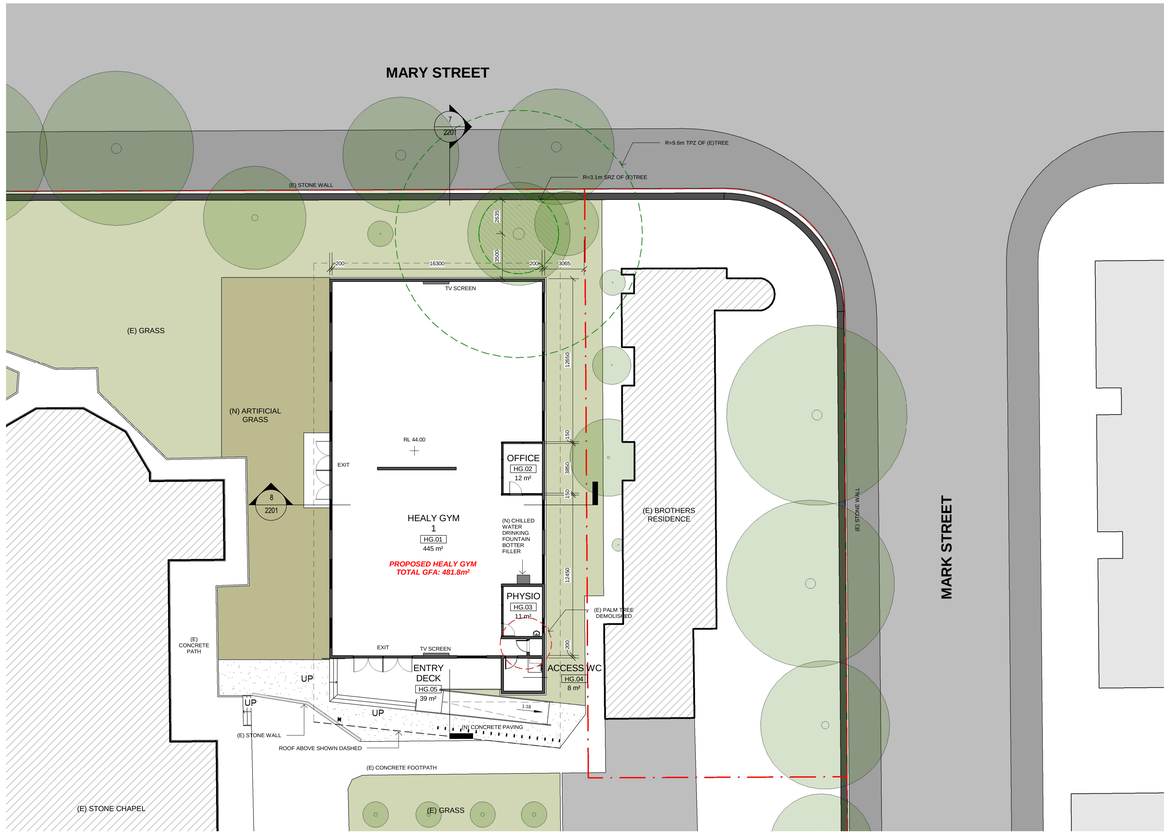
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PHYSICAL EDUCATION AND SPORTS PRECINCT PROJECT

Drawing Title
PROPOSED ROOF PLAN

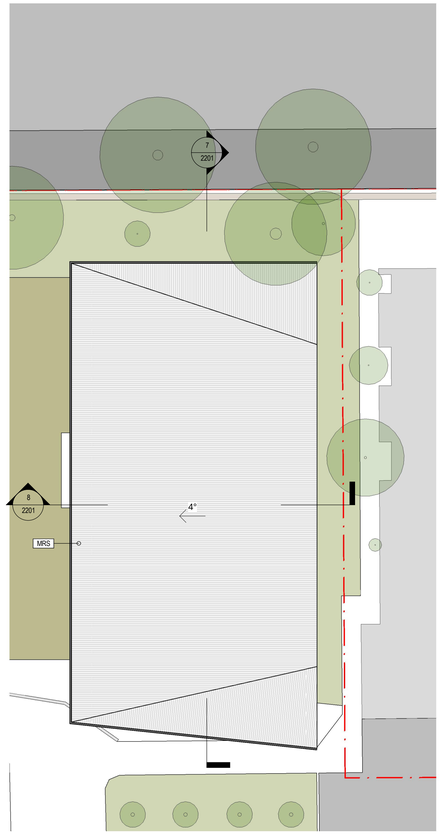
Drawing No. AR.DA. 2104
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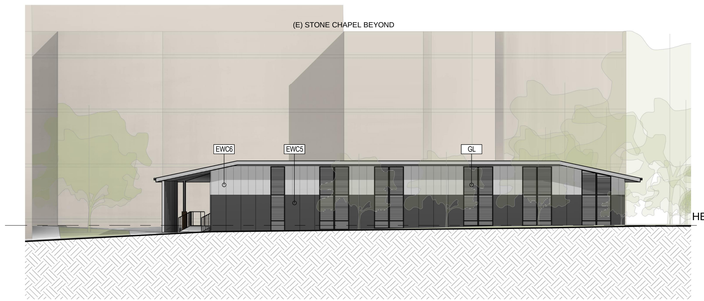
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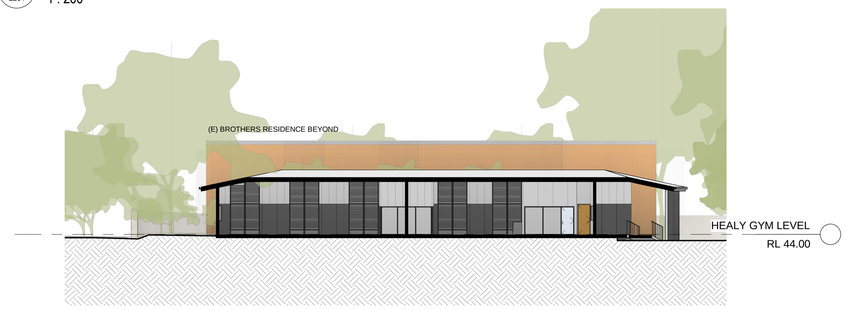
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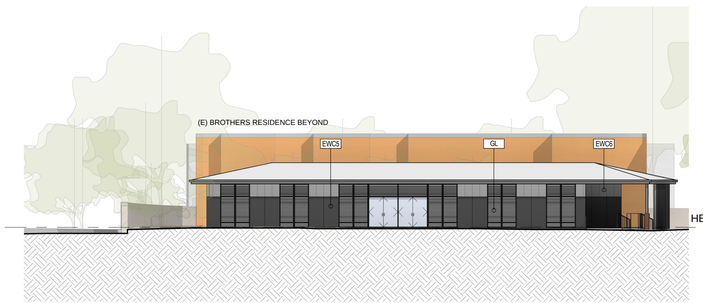
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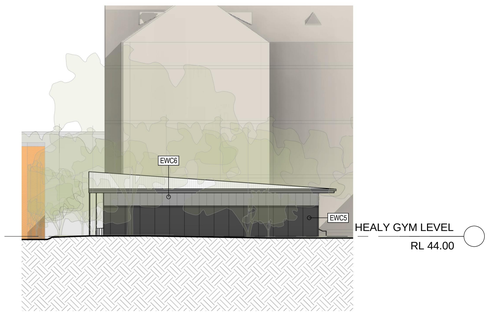
4 1101 EAST ELEVATION
1 : 200



7 2201 LONG SECTION
1 : 200



5 1101 SOUTH ELEVATION
1 : 200



6 1101 WEST ELEVATION
1 : 200



8 2201 SHORT SECTION
1 : 200

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Abbreviations

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(N)	PROPOSED
AW	ALUMINIUM WINDOWS
BK/F	FACE BRICKWORK
EWC	EXTERNAL WALL CLADDING 1
GL	GLASS LOUVRES
VB	VERTICAL BLADES

Rev	Date	Description	Checked	Auth.
A	21.08.18	Issue for SSD	IB	RD
B	23.04.19	Issue for RtS	IB	RD

Rev	Date	Description	Checked	Auth.

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Proj. Dir	Proj. Arch	Drawn
RD	IB	RT
Job No.	Sheet	Scale
161002	B1	1 : 200

NSW Nominated Architects:
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Alex Kibble Reg. No. 6015

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0M 4 8 12 16 20

Project
PHYSICAL EDUCATION AND SPORTS PRECINCT PROJECT

Drawing Title
PROPOSED HEALY GYM

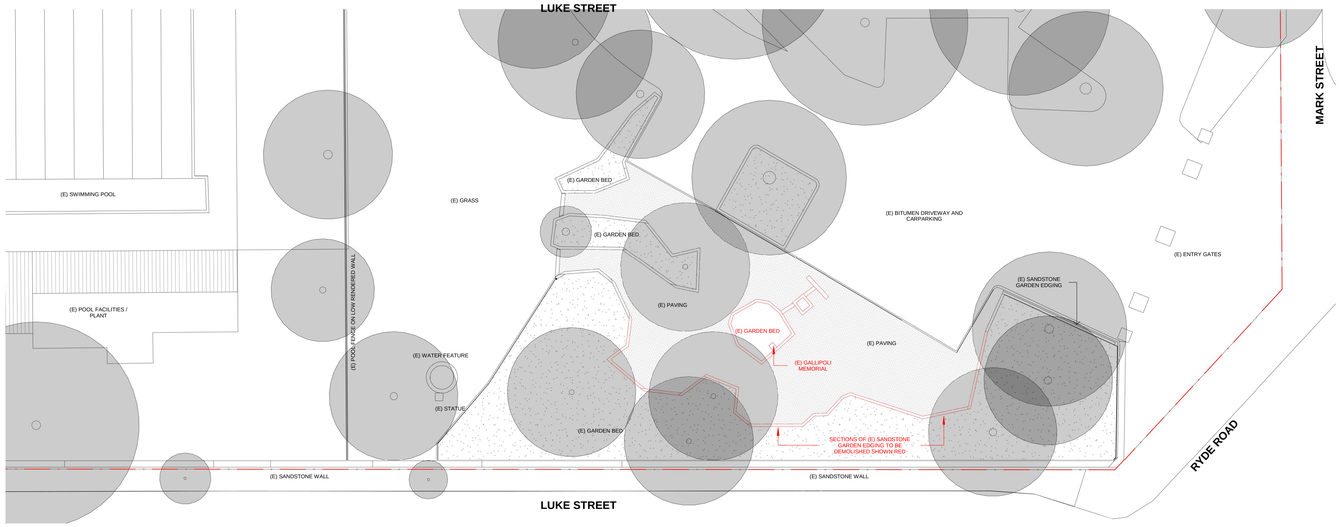
Drawing No. AR.DA. 2201
Revision B

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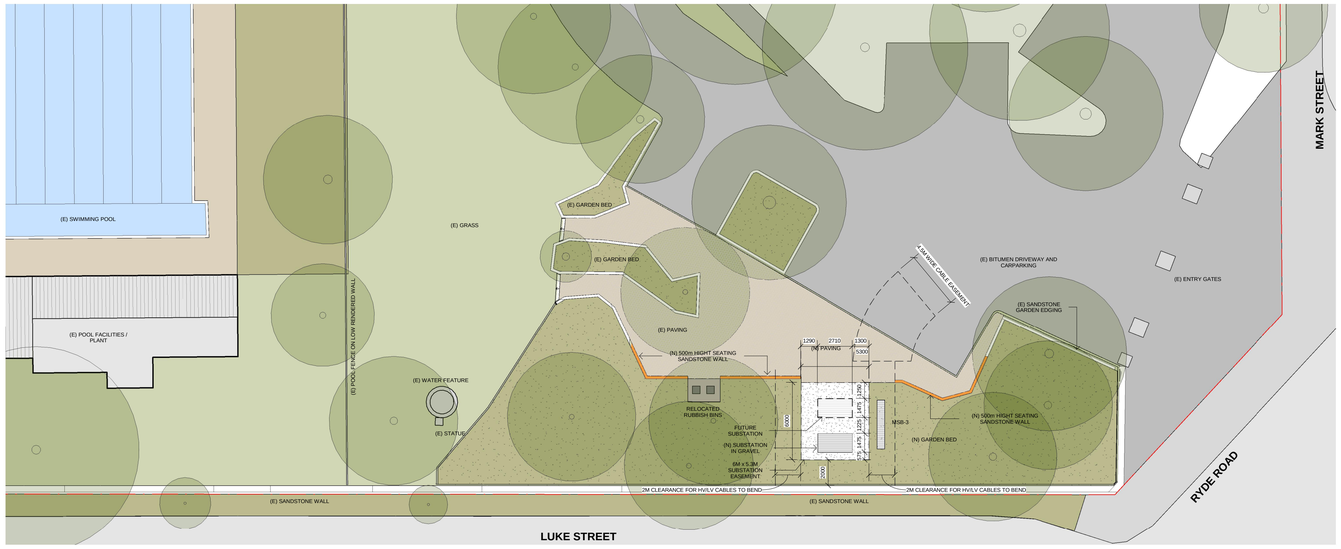
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1 / 3001 EXISTING SITE PLAN FOR PROPOSED SUBSTATION
1 : 200



2 / 3001 SITE DEMOLITION PLAN FOR PROPOSED SUBSTATION
1 : 200



3 / 3001 PROPOSED SUBSTATION SITE PLAN
1 : 200

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Rev	Date	Description	Checked	Auth.
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B	06.11.18	Issue for SSD	IB	RD
C	23.04.19	Issue for RtS	IB	RD

Rev	Date	Description	Checked	Auth.

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Proj. Dir	Proj. Arch	Drawn
RD	IB	RT
Job No.	Sheet	Scale
161002	B1	1 : 200

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Alex Kibble Reg. No. 6015

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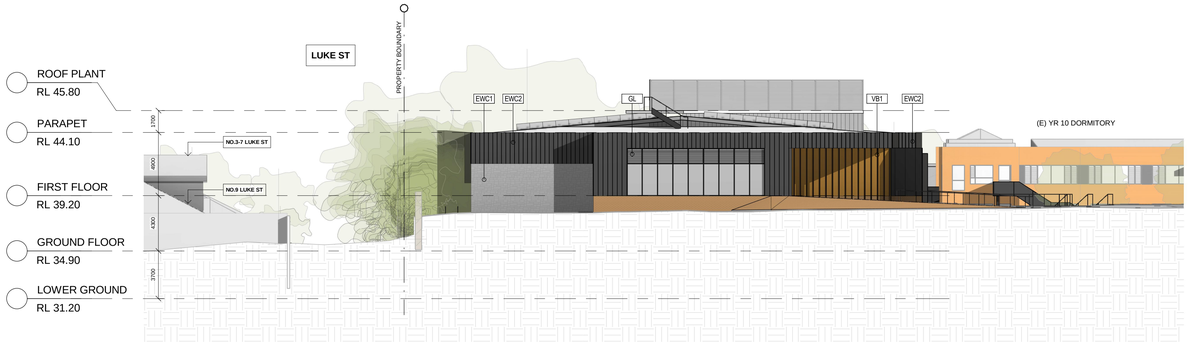
Project
PHYSICAL EDUCATION AND SPORTS PRECINCT PROJECT

Drawing Title
PROPOSED SUBSTATION

Drawing No. AR.DA. 2203
Revision C

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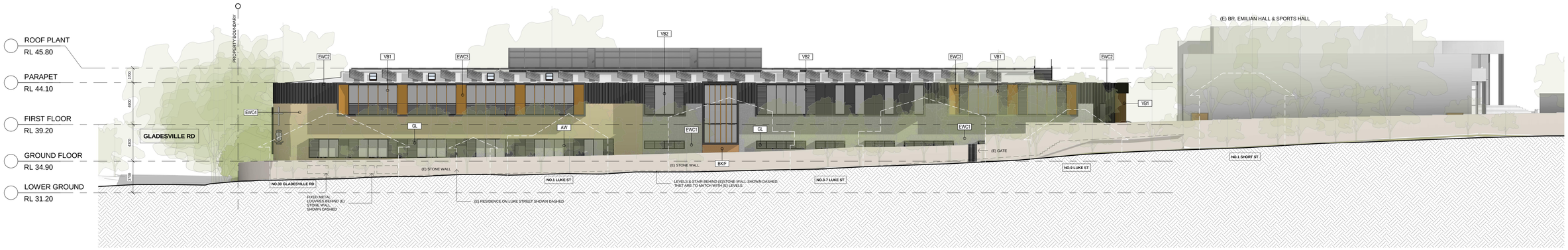
1 PROPOSED NORTH ELEVATON
1 : 200



2 PROPOSED SOUTH ELEVATION (GLADESVILLE ROAD)
1 : 200



3 PROPOSED WEST ELEVATION
1 : 200



4 PROPOSED EAST ELEVATION (LUKE STREET)
1 : 200

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Job No.	Sheet	Scale
161002	B1	1 : 200

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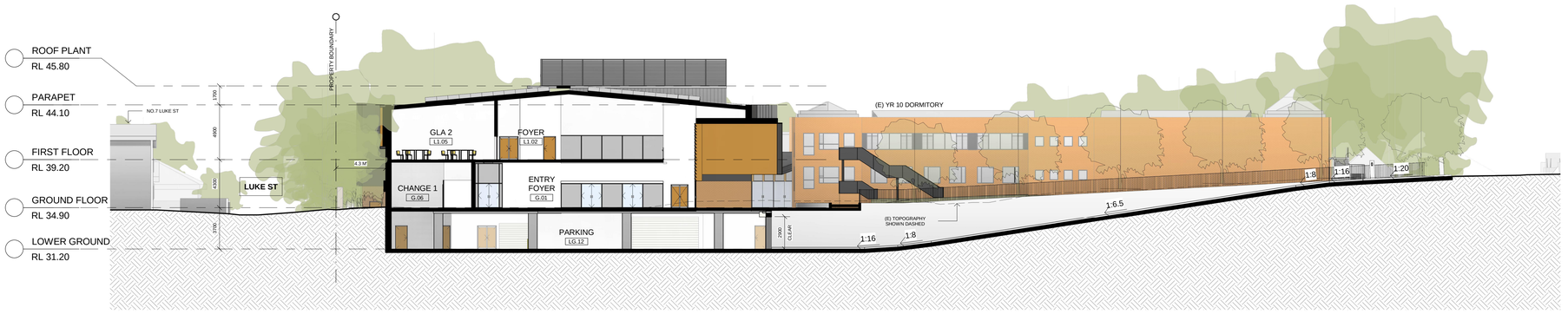
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PHYSICAL EDUCATION AND SPORTS PRECINCT PROJECT

Drawing Title
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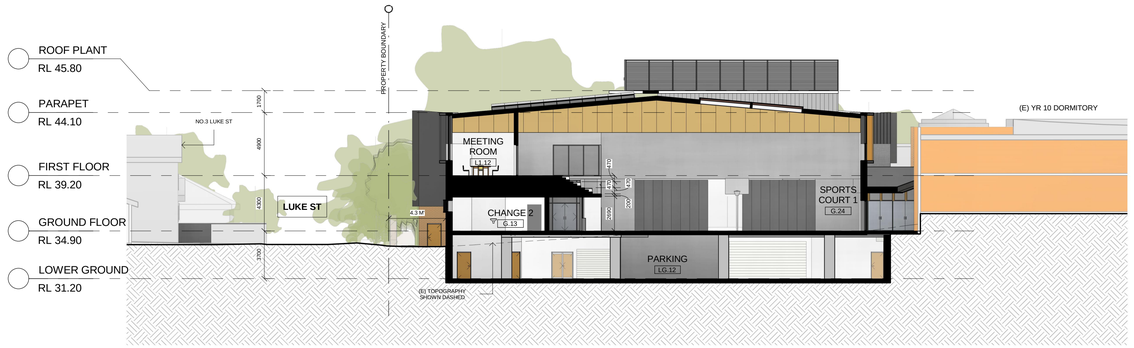
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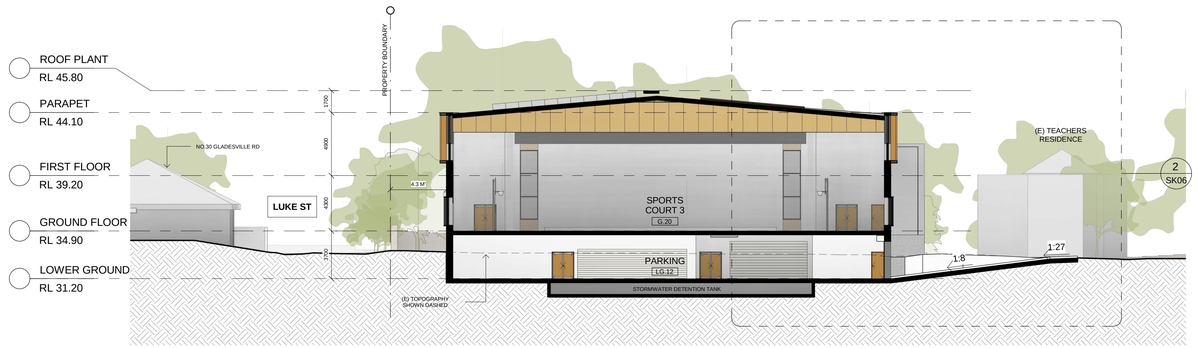
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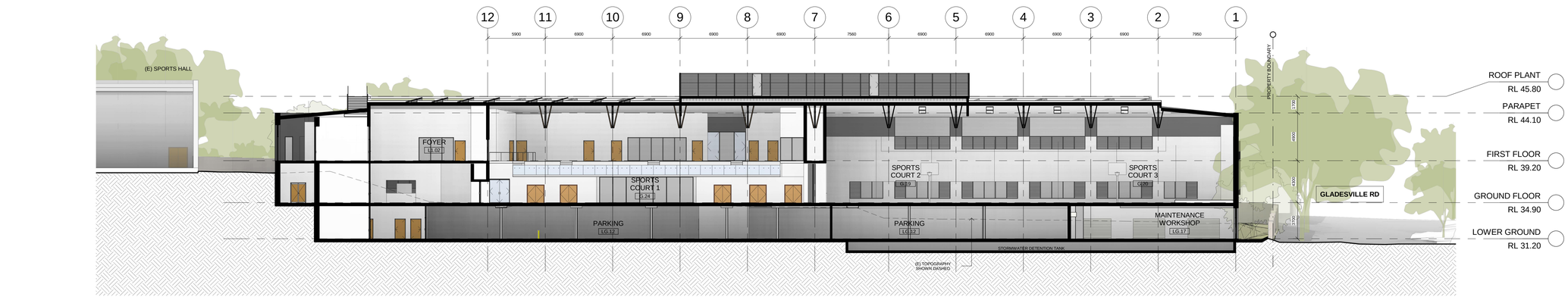
A 2101 SECTION A
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B 2101 SECTION B
1 : 200



C 2101 SECTION C
1 : 200



D 2101 SECTION D
1 : 200

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Rev	Date	Description	Checked	Auth.

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RD	IB	RT
Job No.	Sheet	Scale
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Project
PHYSICAL EDUCATION AND SPORTS PRECINCT PROJECT

Drawing Title
PROPOSED SECTIONS

Drawing No. AR.DA. 3101
Revision B

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Appendix 2 AHIMS results

THE FOLLOWING APPENDIX IS NOT TO BE MADE PUBLIC

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 29211

Client Service ID : 402704

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2277	Blackman Park 3;	AGD	56	328450	6256560	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-2288	Walumetta Bay 2;Henley;	AGD	56	327690	6253660	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-2296	Lovetts Reserve 3;Lane Cove West;	AGD	56	328310	6256310	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-2297	Lovetts Reserve 1;Lane Cove West;	AGD	56	328190	6256410	Open site	Valid	Shell : -, Artefact : -	Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-2298	Lovetts Reserve 2;Lane Cove West;	GDA	56	328304	6256630	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1829	Bonnefin Road 1.;	AGD	56	328140	6255020	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-2321	Glades Bay 3;Gladesville; RYDE 224	GDA	56	326234	6254570	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-1810	Buffalo Creek 3;	AGD	56	327660	6256220	Closed site	Valid	Artefact : -	Shelter with Deposit	
	Contact	**Recorders**	Val Attenbrow,E Turvey					**Permits**		
45-6-1823	BPW Major A.;	AGD	56	328400	6255620	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	**Recorders**	Val Attenbrow,E Turvey					**Permits**		
45-6-2972	Betts Park 2	AGD	56	328110	6253750	Open site	Valid	Shell : -		
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1827	Tarban Creek Minor;Gladesville Hospital;(duplicate copy of 45-6-1944 & 45-6-0974)	AGD	56	328050	6254100	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	**Recorders**	Val Attenbrow,K Perrin					**Permits**		
45-6-3169	CABARITA MIDDEN 1	GDA	56	325911	6253734	Open site	Valid	Shell : 1		
	Contact	**Recorders**	Ms.Deborah Farina,RPS Australia East Pty Ltd - Sydney					**Permits**		
45-6-3191	64A High Street Hunters Hill	GDA	56	327659	6256312	Closed site	Not a Site	Habitation Structure : -		
	Contact	**Recorders**	Doctor.Alan Williams					**Permits**		
45-6-0531	Glades Bay 1, RYDE 222	GDA	56	326159	6254565	Open site	Partially Destroyed	Shell : -, Artefact : -	Midden	1308,1809,102489,103678

Report generated by AHIMS Web Service on 28/02/2019 for Samantha Keats for the following area at Datum :GDA, Zone : 56, Eastings : 325818 - 329818, Northings : 6252950 - 6256950 with a Buffer of 0 meters. Additional Info : Archaeological report and ACHA. Number of Aboriginal sites and Aboriginal objects found is 108

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	**Recorders**	Val Attenbrow,Elizabeth Rich,Laura-Jane Smith,Miss.Lisa Smith,Aboriginal Heritage					**Permits**	3812	
45-6-0532	Cabarita Park 2	GDA	56	325888	6253760	Open site	Valid	Shell : -, Artefact : -	Midden	1308,2047
	Contact	**Recorders**	Val Attenbrow,Elizabeth Rich,Laura-Jane Smith,Miss.Lisa Smith,Kelleher Nightingal					**Permits**	4276,4371	
45-6-0535	Quarantine Park	AGD	56	326210	6252970	Open site	Not a Site	Earth Mound : -	Not an Aboriginal Site	1308,1809
	Contact	**Recorders**	Val Attenbrow,Val Attenbrow,Laura-Jane Smith					**Permits**		
45-6-2506	Tarban Ck;RC 4;	AGD	56	327400	6254430	Closed site	Valid	Artefact : -	Shelter with Deposit	
	Contact	**Recorders**	Mary Dallas Consulting Archaeologists,Paul Gorecki					**Permits**		
45-6-2148	Just Definate Cave Boronia Park RYDE 024	GDA	56	326954	6256540	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,1911,102489
	Contact	**Recorders**	Val Attenbrow,Aboriginal Heritage Office					**Permits**		
45-6-0266	Chiswick;Drummoyne;	AGD	56	327674	6252823	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-2057	Sugarloaf 1 RYDE 017	GDA	56	327959	6256850	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809,102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-2058	Sugarloaf 2	AGD	56	327890	6256670	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	**Recorders**	Michael Guider					**Permits**	624	
45-6-2059	Sugarloaf 3	AGD	56	327950	6256610	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-2074	Tambourine Bay 5;	AGD	56	329710	6255370	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	1809
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-0609	Glade Bay;Gladesville RYDE 223	GDA	56	326184	6254570	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	102489
	Contact	**Recorders**	Elizabeth Rich,Aboriginal Heritage Office					**Permits**		
45-6-0616	Boronia Park;Hunter's Hill;	AGD	56	328345	6255946	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	1390
	Contact	**Recorders**	Val Attenbrow,E Turvey					**Permits**		
45-6-1903	Looking Glass PT; RYDE 227	GDA	56	326589	6253850	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-1904	Looking Glass PT; RYDE 226	GDA	56	326564	6253825	Open site	Valid	Shell : -, Artefact : -	Midden	102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		

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AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 29211

Client Service ID : 402704

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-1923	Bill Mitchell Park 1; RYDE 218	GDA	56	326054	6254830	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-1924	Bill Mitchell Park 3; RYDE 216	GDA	56	326034	6254900	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-1925	Bill Mitchell Park 5; RYDE 220	GDA	56	326094	6254660	Open site	Partially Destroyed	Artefact : -, Shell : -	Midden,Open Camp Site	102489,103678
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**	3812	
45-6-1812	Sea Street;	AGD	56	328830	6254750	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1813	Villa Floridiana;	AGD	56	328850	6254770	Open site	Valid	Artefact : -, Shell : -, Burial : -	Burial/s,Midden,Open Camp Site	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1814	Jule`s Pig Pen;	GDA	56	329221	6254965	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**	4254	
45-6-1815	L-Shaped Shelter;	AGD	56	328190	6255380	Closed site	Valid	Artefact : -	Shelter with Deposit	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1816	ST Patrick`s Day Midden;	AGD	56	328340	6256050	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1817	Mottled Ceiling Shelter;	AGD	56	328150	6255400	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1818	BPW Minor A.;	AGD	56	328220	6256130	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1819	BPW Minor B.;	AGD	56	328270	6256090	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1110	Gladesville;(duplicate copy of 45-6-1949)	AGD	56	328479	6253753	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	**Recorders**	ASRSYS					**Permits**		
45-6-0617	Fig tree bridge 1;Gladesville;	GDA	56	328669	6255510	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1809
	Contact	**Recorders**	Val Attenbrow,Laura-Jane Smith,K Cutmore					**Permits**		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0619	Gladesville;Lane Cove River	AGD	56	329560	6254598	Closed site	Valid	Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Deposit	1390
	Contact	**Recorders**	ASRSYS					**Permits**		
45-6-0620	Hunter's Hill;	AGD	56	329388	6254045	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1418	Boronia Park Public School;	AGD	56	327300	6255900	Open site	Valid	Artefact : -	Open Camp Site	1390
	Contact	**Recorders**	ASRSYS					**Permits**		
45-6-0567	Abbotsford, Five Dock	AGD	56	326680	6253270	Open site	Valid	Shell : -, Artefact : -, Burial : -	Burial/s,Midden	1340
	Contact	**Recorders**	David Bell					**Permits**		
45-6-1141	Fig Tree Bay;Abbotsford;Peppermint Tree Cave;	AGD	56	327115	6253361	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	**Recorders**	ASRSYS					**Permits**		
45-6-1143	Mortdale;Tide Floor Cave;	AGD	56	325932	6253064	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	Contact	**Recorders**	ASRSYS					**Permits**		
45-6-2574	Buffalo Creek; RYDE 022	GDA	56	327214	6256755	Closed site	Valid	Artefact : -	Shelter with Deposit	102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-2576	Field of Mars; RYDE 021	GDA	56	327314	6256880	Open site	Valid	Shell : -, Artefact : -	Midden	102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-1154	Boronia Park;	AGD	56	328621	6255860	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	1390
	Contact	**Recorders**	ASRSYS					**Permits**		
45-6-1155	Fig Tree Bridge;	AGD	56	328454	6255033	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1390
	Contact	**Recorders**	ASRSYS					**Permits**		
45-6-2429	Gladesville Hospital; RYDE 229	GDA	56	326034	6254900	Open site	Valid	Shell : -, Artefact : -	Midden	102489
	Contact	**Recorders**	Margrit Koettig,Aboriginal Heritage Office					**Permits**		
45-6-1926	Bill Mitchell Park 4; RYDE 219	GDA	56	326074	6254810	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-1930	Gladesville Reserve 2;	AGD	56	327890	6253610	Open site	Valid	Shell : -, Artefact : -	Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1931	Gladesville Wharf Cave;	AGD	56	327970	6253630	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-1932	Banjo Patterson Park;Looking Glass Bay; RYDE 228	GDA	56	326674	6254060	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	102489
	Contact	**Recorders**	Val Attenbrow,Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-1933	Bedlam Point Cave;	AGD	56	326820	6253690	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Margrit Koettig,Michael Guider					**Permits**		
45-6-1941	Tarban Creek 1;	AGD	56	328350	6254080	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1942	Tarban Creek 2;	AGD	56	328340	6254090	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1943	Tarban Creek 5;	AGD	56	328050	6254110	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1945	Tarban Creek 7;	AGD	56	327630	6254210	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1948	Betts Park Cave 1;	AGD	56	328050	6253710	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1950	Betts Park 3;	AGD	56	328110	6253810	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1951	Tarban Creek 3;	AGD	56	328210	6254110	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-0763	Fig Tree Bridge;Linley Point;	GDA	56	328749	6255550	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	1809
	Contact	**Recorders**	Val Attenbrow,Laura-Jane Smith					**Permits**		
45-6-1952	Tarban Creek 4;	AGD	56	328110	6254110	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1956	Five Dock Bay Cave	AGD	56	328430	6253220	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-0900	Boronia Park;Hunters Hill;	AGD	56	328445	6255490	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	**Recorders**	ASRSYS					**Permits**		

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-1966	Burns Bay 1;	GDA	56	329079	6255720	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1967	Burns Bay 2;	GDA	56	329119	6255605	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1968	Burns Bay 3;	AGD	56	329020	6255430	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1969	Burns Bay 4;	AGD	56	329110	6255290	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1974	Riverview 3;	AGD	56	329350	6255040	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1975	Riverview 2;	AGD	56	329360	6255050	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1976	Riverview Cave 1;	AGD	56	329280	6255040	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -, Artefact : -	Shelter with Art,Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1977	Shale Mine Cave 4;	AGD	56	329190	6255030	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	Michael Guider					**Permits**		
45-6-1048	Gladesville;	AGD	56	328173	6255394	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1390
	Contact	**Recorders**	ASRSYS					**Permits**		
45-6-0974	Tarban Creek;(duplicate copy of 45-6-1827 & 45-6-1944)	AGD	56	328384	6253935	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	**Recorders**	Mr.R Taplin					**Permits**		
45-6-1688	Ferdinand St Reserve;	AGD	56	328930	6254800	Closed site	Valid	Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Deposit	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1689	Barons Crescent;	AGD	56	328150	6256130	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	
	Contact	**Recorders**	M Hawthorne					**Permits**		
45-6-1690	Barons Crescent;	AGD	56	328110	6256200	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	M Hawthorne					Permits		
45-6-1691	Buffalo Creek;	AGD	56	328000	6256270	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	Recorders	M Hawthorne					Permits		
45-6-0975	Wrights point;Drummoyne;	AGD	56	329100	6253600	Open site	Valid	Shell : -, Artefact : -	Midden	
	Contact	Recorders	Mr.R Taplin					Permits		
45-6-1820	Above Big Red Shield	AGD	56	328140	6256090	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	1390
	Contact	Recorders	Val Attenbrow					Permits		
45-6-1821	The Causeway;	AGD	56	328360	6255900	Open site	Valid	Artefact : -, Shell : -	Midden,Open Camp Site	1390
	Contact	Recorders	Val Attenbrow,E Turvey					Permits		
45-6-1822	Large Red Ants Shelter;	AGD	56	328410	6255670	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	Recorders	Val Attenbrow,E Turvey					Permits		
45-6-1824	BPW Major B.;	AGD	56	328400	6255570	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	Recorders	Val Attenbrow,E Turvey					Permits		
45-6-1825	BPW Minor C.;	AGD	56	328000	6255490	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	Recorders	Val Attenbrow,E Turvey					Permits		
45-6-1826	Swains 1913;Betts Park;(duplicate copy oof 45-6-1949)	AGD	56	328030	6253680	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	Recorders	Val Attenbrow,K Perrin					Permits		
45-6-1830	Wallumetta Bay "A".;	AGD	56	327800	6253650	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	Recorders	Val Attenbrow					Permits		
45-6-1831	Wallumetta Bay "A";Gladesville Reserve 1;Henley;(duplicate copy of 45-6-1929)	AGD	56	327790	6253660	Open site	Valid	Artefact : -	Open Camp Site	1390
	Contact	Recorders	Val Attenbrow,Michael Guider					Permits		
45-6-0982	Gladesville	AGD	56	328354	6255489	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	Recorders	Val Attenbrow					Permits		
45-6-0983	Gladesville	AGD	56	328354	6255489	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	Recorders	Val Attenbrow,E Turvey,Mr.R Taplin					Permits		
45-6-0984	Gladesville;	AGD	56	328354	6255489	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	Recorders	Val Attenbrow,E Turvey,Mr.R Taplin					Permits		
45-6-0985	Gladesville;	AGD	56	328436	6255948	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390
	Contact	Recorders	Mr.R Taplin					Permits		
45-6-0987	Gladesville;	AGD	56	328345	6255946	Closed site	Valid	Shell : -, Artefact : -	Shelter with Midden	1390

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	**Recorders**	Val Attenbrow,E Turvey,Mr.R Taplin					**Permits**		
45-6-0988	Gladesville;	AGD	56	327978	6256030	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	**Recorders**	Val Attenbrow,E Turvey,Mr.R Taplin					**Permits**		
45-6-0990	Gladesville; The Boulders Cave, RYDE 023	GDA	56	327134	6256730	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	102489
	Contact	**Recorders**	Mr.R Taplin,Aboriginal Heritage Office					**Permits**		
45-6-0991	Gladesville;Ryde 025	GDA	56	326304	6256780	Open site	Valid	Grinding Groove : -	Axe Grinding Groove	102489
	Contact	**Recorders**	Mr.R Taplin,Aboriginal Heritage Office					**Permits**		
45-6-1684	Valeries Site;Near Boat Shed;	AGD	56	328990	6254840	Open site	Valid	Shell : -, Artefact : -	Midden	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1687	Ferdinand St Reserve;	AGD	56	328930	6254800	Closed site	Valid	Artefact : -	Shelter with Deposit	1390
	Contact	**Recorders**	Val Attenbrow					**Permits**		
45-6-1597	Lane Cove;	AGD	56	328807	6255680	Closed site	Valid	Shell : -, Artefact : -, Art (Pigment or Engraved) : -	Shelter with Art,Shelter with Midden	
	Contact	**Recorders**	Aboriginal Heritage Office					**Permits**		
45-5-2518	Erskine Park Quarry 1 (EPQ1)	AGD	56	329660	6255175	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	**Recorders**	Unknown Author					**Permits**		
45-6-1927	Bill Mitchell Park 2; RYDE 217	GDA	56	326034	6254815	Closed site	Valid	Art (Pigment or Engraved) : -, Shell : -	Shelter with Art	102489
	Contact	**Recorders**	Michael Guider,Aboriginal Heritage Office					**Permits**		
45-6-3000	Tambourine Bay Boatshed LCC089	GDA	56	329724	6255290	Open site	Valid	Shell : -		
	Contact	**Recorders**	Aboriginal Heritage Office					**Permits**		
45-6-3001	Tennyson Park 1 LCC090	GDA	56	329554	6256450	Closed site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact	**Recorders**	Aboriginal Heritage Office					**Permits**		
45-6-3094	Linley Point Shelter 1 LCC105	GDA	56	328840	6255910	Open site	Valid	Potential Archaeological Deposit (PAD) : 1, Shell : 1		
	Contact	**Recorders**	Aboriginal Heritage Office					**Permits**		
45-6-3359	Wharf Road Shell Midden 01 (WR-SHL01)	GDA	56	326585	6253885	Open site	Valid	Shell : -		
	Contact	**Recorders**	Artefact - Cultural Heritage Management ,Artefact - Cultural Heritage Management					**Permits**	4313	
45-6-3326	Viret St Shelter	GDA	56	329580	6254690	Closed site	Valid	Habitation Structure : -, Shell : -		

Report generated by AHIMS Web Service on 28/02/2019 for Samantha Keats for the following area at Datum :GDA, Zone : 56, Eastings : 325818 - 329818, Northings : 6252950 - 6256950 with a Buffer of 0 meters. Additional Info : Archaeological report and ACHA. Number of Aboriginal sites and Aboriginal objects found is 108

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 : 29211

Client Service ID : 402704

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
	Contact	Recorders	Mary Dallas Consulting Archaeologists,Ms.Tamika Goward				Permits			

Report generated by AHIMS Web Service on 28/02/2019 for Samantha Keats for the following area at Datum :GDA, Zone : 56, Eastings : 325818 - 329818, Northings : 6252950 - 6256950 with a Buffer of 0 meters. Additional Info : Archaeological report and ACHA. Number of Aboriginal sites and Aboriginal objects found is 108

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AHIMS site no.	Site name	Site type
45-6-2330	Two Fish; Clifton Gardens;	Rock engraving
45-6-0614	North Ryde;Delhi Rd;	Axe grinding groove
45-6-2214	Commandment Rock(LC#2)	Rock engraving
45-6-0127	Wheeler Creek;Belrose	Rock engraving
45-6-0693	Balgowiah	Rock engraving
45-6-0881	Allamble Heights	Rock engraving
45-6-1558	Delhi Road;North Ryde;	Rock engraving
45-6-0272	Robertson's Point Cremorne	Rock engraving
45-6-0126	Belrose;Wheeler Creek	Rock engraving
45-6-0266	Chiswick;Drummoyne	Rock engraving
45-6-0128	Belrose;Wheeler Creek	Rock engraving
45-6-2218	Kangaroo engraving	Rock engraving
45-6-1894	Rivendell	Rock engraving
45-6-0669	Seaforth; Wakehurst Golf Club	Rock engraving
45-6-0670	Seaforth; Wakehurst Golf Club	Rock engraving
45-6-0671	Seaforth; Wakehurst Golf Club	Rock engraving
45-6-2042	Ashton Park	Rock engraving
45-6-2332	Clifton Researve 1;Clifton Gardens	Rock engraving
45-6-1233	Manly Dam;Manly Vale	Rock engraving
45-6-0624	Longueville Point;Crows Nest;	Rock engraving
45-6-0030	Dawes Point;Dawes Point Park	Rock engraving
45-6-0672	Seaforth; Wakehurst Golf Club	Rock engraving
45-6-0028	Taylor's Bay;Chowder Head	Rock engraving
45-6-0031	Ryde;Ryde Bridge; RYDE 204	Rock engraving
45-8-0666	Frenchs Forest;Frenchs Forest Road	Rock engraving
45-6-0273	Cremorne Point Shell Cove	Rock engraving
45-6-1653	Ironbarks	Rock engraving
45-6-0613	Lane Cove river Terrace Road Bradfield	Rock engraving
45-6-2284	Athletics Fields;Lane Cove West	Axe grinding groove
45-6-1587	Seaforth	Rock engraving
45-6-1820	Above Big Red Shield	Axe grinding groove
45-6-0125	Wheeler Creek;Belrose	Rock engraving
45-6-0688	Rose Bay	Rock engraving
45-6-3039	Meadowbank Park Tennis Courts RYDE 203	Grinding groove
45-6-0904	Allamble Heights	Rock engraving
45-6-2177	Mallnya Rd	Rock engraving
45-6-0898	Woollahra;	Rock engraving
45-6-0689	Frenchs Forest; Allamble Road	Rock engraving
45-6-0760	Neutral Bay;	Rock engraving
45-6-0610	Lane Cove River De Burgh's Bridge	Rock engraving
45-6-0981	Lane Cove River	Axe Grinding Groove
45-6-2216	Lane_Cove_#1	Rock engraving
45-6-0611	Lane Cove River West Pymble	Rock engraving
45-6-0991	Gladesville;Ryde 025	Axe grinding groove
45-6-2577	River Bend;	Ax grinding groove
45-6-1048	Gladesville;	Rock engraving
45-6-0989	Gladesville;Ryde 018	Axe grinding groove
45-6-0931	Boronia Park, Ryde 019	Rock engraving
45-6-0609	Glade Bay;Gladesville RYDE 223	Rock engraving
45-6-2321	Glades Bay 3;Gladesville; RYDE 224	Axe grinding groove
45-6-1005	Martins Creek;Lane Cove SRA; Ryde 015	Axe grinding groove

45-6-0658	Crows Nest;Avenue Rd;	Rock engraving
45-6-1255	Allamble Heights	Rock engraving
45-6-0698	Frenchs Forest; Flat Rocks	Rock engraving
45-6-0635	Neutral Bay Ben Boyd Rd	Rock engraving
45-6-0641	Crows Nest;Neutral Bay;	Rock engraving
45-6-1252	LC#4 Chatswood	Rock engraving
45-6-0691	Woollarhra;Bellevue Hill;	Rock engraving
45-6-0123	Belrose;Wheeler Creek	Rock engraving
45-6-0124	Wheeler Creek;Belrose	Rock engraving
45-6-0129	Wheeler Creek;Belrose	Rock engraving
45-6-1154	Boronia Park	Axe grinding groove
45-6-0122	Wheeler Creek;Belrose	Rock engraving
45-6-2215	Terrace Road #2	Rock engraving