

Aboriginal Objects Due Diligence Assessment

Oxford Falls Grammar School Kiosk

Oxford Falls, NSW

Northern Beaches Council

Prepared for EPM Projects Pty Ltd, on behalf of Oxford Falls Grammar School

Prepared by Niche Environment and Heritage | 13 October 2019



A leading independent specialist environmental and heritage consultancy

13 October 2019

EPM Projects
Mr Ryan Aitken
Project Manager
Level 2, 146 Arthur Street
North Sydney NSW 2060
Via email: raitken@epmprojects.com.au

Dear Ryan,

Re: Oxford Falls Grammar School Kiosk – Aboriginal Objects Due Diligence Assessment

On the basis of this assessment, it is unlikely that Aboriginal objects have survived within the Subject Area due to significant ground disturbances associated with de-vegetation, landscaping, maintenance, and decades of heavy pedestrian impact.

No Aboriginal heritage constraints were identified for the proposed activity and no further investigation or impact assessment is required.

The Due Diligence Code states that where a desktop and visual inspection has occurred and concluded that Aboriginal objects are unlikely to occur and an Aboriginal Heritage Impact Permit (AHIP) application will not be necessary. The proposed activity may therefore proceed with caution without a further Aboriginal Cultural Heritage Assessment (ACHA) or AHIP. It is recommended that:

- In the unlikely event that any Aboriginal objects are found and cannot be avoided, all activities with the potential to impact the objects must stop and an appropriately qualified archaeologist engaged to assess the findings, and notification is provided to the Office of Environment and Heritage.
- In the unlikely event that human remains are found, stop work, secure the site and notify the NSW Police and the Office of Environment and Heritage.

Please do not hesitate to contact me should you have any questions, or would like to clarify details of this assessment.

Yours sincerely,



Wade Goldwyer
Cultural Heritage Technical Assistant
Niche Environment and Heritage

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1. Introduction

1.1 The proponent and project background

Niche Environment and Heritage Pty Ltd (Niche) was commissioned by EPM Projects Pty Ltd (EPM), on behalf of the proponent, Oxford Falls Grammar School (OFGS), to undertake an Aboriginal Objects Due Diligence Assessment for a proposed kiosk (hereafter referred to as the Subject Area or “Oval Kiosk” along the south western boundary of Oxford Falls Grammar School (Figure 1, Figure 2).

1.2 The Subject Area

1.2.1 Location

The Subject Area is located in the South Western corner of OFGS along the tree-lined boundary of the playground at 1078 Oxford Falls Road, Oxford Falls, in the Northern Beaches of Sydney, NSW and is presented in Figure 1 and Figure 2. The Subject Area is located in the Shire of Northern Beaches Council, within the boundaries of the Metropolitan Local Aboriginal Land Council. The Subject Area is situated on land comprised of:

- Lot 100/-/DP1240806

1.3 The proposed activity

The proposed development will involve the construction of kiosk in an open, sparsely vegetated area within the grounds of OFGS. The works would include:

- The potential removal of 1 x tree (ID: T11). This is still being considered internally.
- The potential extraction of the tree root ball from T11. This is still being considered internally.
- The use of an off the shelf shipping container which will be placed on a level foundation.

1.4 Statutory controls

The Kiosk will be development as a ‘Development Permitted without Consent’ under the State Environmental Planning Policy - Educational Establishments and Child Care Facilities 2017 (ESEPP).

The *National Parks and Wildlife Act 1974* (NPW Act), administered by the Office of Environment and Heritage (OEH), is the primary legislation for the protection of some aspects of Aboriginal cultural heritage in New South Wales¹. Part 6 of the NPW Act provides specific protection for Aboriginal objects and declared Aboriginal places by establishing offences of harm.

The *National Parks and Wildlife Act 1974* (NPW Act) provides that a person who exercises due diligence in determining that their actions will not harm Aboriginal objects has a defence against prosecution if they later unknowingly harm an object without an Aboriginal Heritage Impact Permit (AHIP).

The *Due Diligence Code of Practice for the Protection of Aboriginal Objects in NSW* sets out a process for individuals and organisations to follow to determine whether an Aboriginal object will be harmed by an activity, whether further investigation is needed, and whether that harm requires an AHIP (Figure 4).

¹ For further information visit: <https://www.environment.nsw.gov.au/licences/achregulation.htm>

1.5 Objectives

The aim of the assessment was to assess whether Aboriginal Objects and/or Places are present or are likely to occur within or in close proximity to the Subject Area and, and if present whether they may be harmed by the proposed works, or if this was not certain whether or not further investigation is required.

1.6 Assessment methodology

This Aboriginal objects due diligence assessment follows the process outlined in Figure 4.

Figure 1: Location of Subject Area within regional context (Source: EPM and Niche)

Figure 2: Subject Area (Source: EPM and Niche)



Drawn by: G.T. File: I:\spatial\projects\as300\as350_Oxford_Falls_GS_Kiosk_DD\Maps\report\as350_Figure_2_SubjectArea.mxd Last updated: 17-Sep-19 2:03:45 PM

Figure 3: AHIMS search results in relation to the proposed works (Source: EPM and Niche)

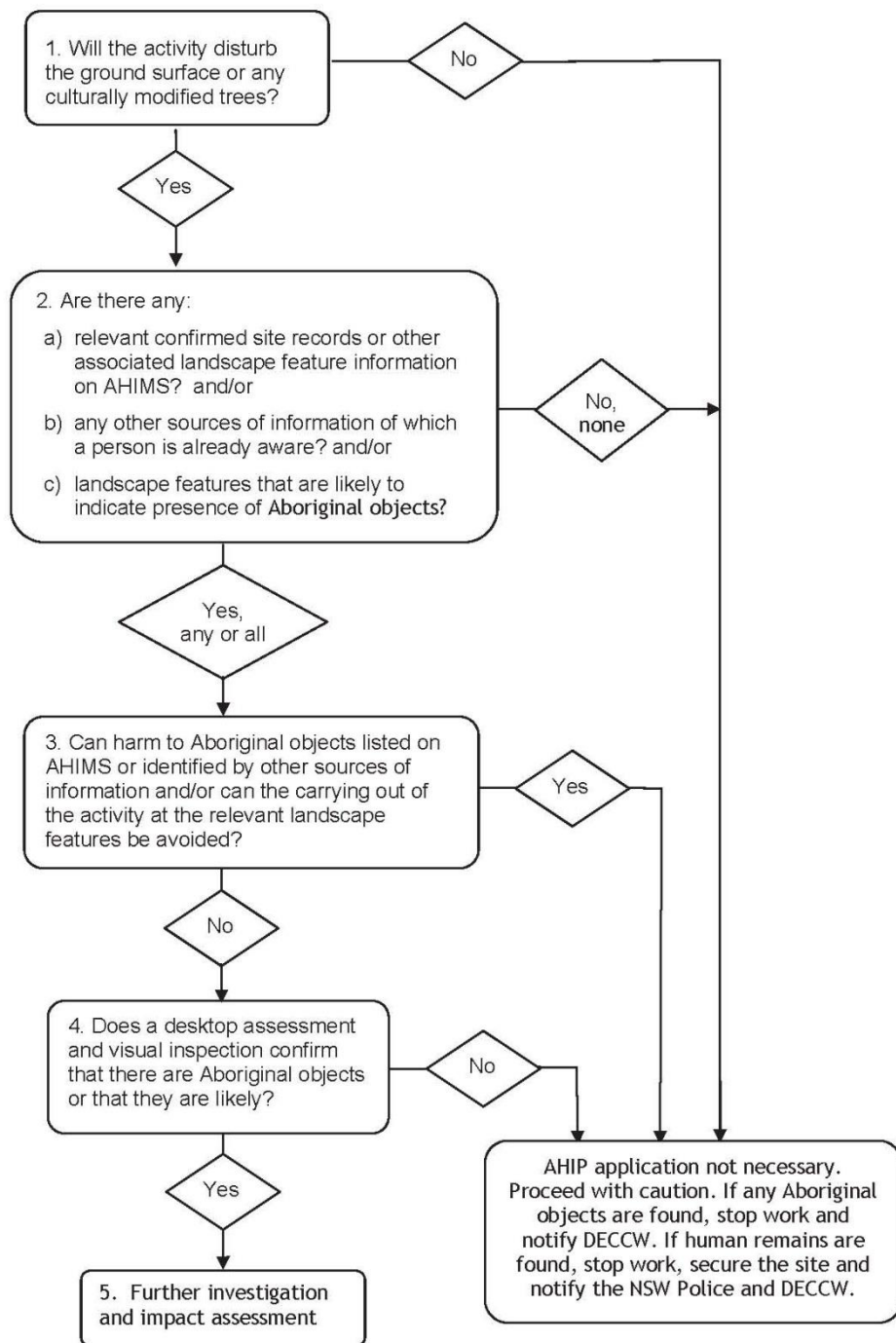


Figure 4: The generic due diligence assessment process

2. Environmental Context

2.1 Topography, Landforms and Hydrology

The Subject Area is located within the Hornsby Plateau. The Hornsby Plateau is characterised by hanging valleys on Hawkesbury Sandstone. A first order non perennial stream runs through the property of OFGS and is located about 110 m to the east of the Subject Area. The Subject Area is situated on the upper end of a gentle slope, with Middle Creek, a permanent creek located around 300 m to the north west of the Subject Area. The Subject Area is approximately 77 m above sea level.

2.2 Geology and soils

Soils within the Oxford Falls soil landscape are typically moderately deep to deep (>50->150 cm) and consists of multiple soil types such as: deep (>200 cm) Leached Sands (Uc2.12), Podzols (Uc2.32, Uc2.36) and Grey Earths (Gn2.881) on valley floors. Landscapes containing Oxford Falls Soils have the potential to preserve subsurface traces of past Aboriginal land use wherever they occurred on the landscape.

In the landscape surrounding the Subject Area most of the original soil has either been removed, buried or greatly disturbed from urban development.

The Subject Area is significantly disturbed from de-vegetation, revegetation, landscaping and maintenance that have proceeded since construction of the OFGS in 1984. As a result of this disturbance the Subject Area has little to no potential of containing archaeological deposits relating to Aboriginal heritage items.

2.3 Vegetation

The original vegetation of Oxford Falls consists of low eucalypt woodland, scrub, heathland and sedgeland. The Subject Area has been cleared and replaced with turf and trees. The disturbance and removal of the original vegetation in the Subject Area has decreased the potential for Aboriginal artefact however, there is still a potential for occasional and low frequencies of Aboriginal Objects within the Subject Area, as it is located within 200 m of a drainage line and 300 m from a second/third order stream.

2.4 Past land use and disturbance

Before European settlement the landscape was occupied and utilised by the Aboriginal people. There is uncertainty in knowing the exact clans and family group names were in the Oxford Falls area because of the devastating impact of smallpox and European settlement.

The locality was originally known as Bloodwood Gully from 1898 but its name was changed to Oxford Falls in 1902. The name of the suburb was changed after it had been settled in 1902. Oxford Falls is also part of the Forest District in the Northern Beaches.

Across Dreadnought Road from the Subject Area there is the building that used to be the former school for Oxford Falls. The first school in the area was originally at the Church of England building in January 1928 and then was then transferred to the former school building in 1930.

In 1986 the former school closed down and OFGS was constructed. In the same year OFGS was established as the new and current school for Oxford Falls.

The Subject Area has undergone significant surface and subsurface impacts associated with the construction of the OFGS and surrounding building.

Table 8: Historical mapping and aerial photos

Year	Title
1930	The majority of the landscape in 1930 consisted of thickly vegetated bushland. There is minor clearing and infrastructural developments along Oxford Falls Road. The Subject Area has been cleared of native vegetation at this time.
1956	The land set for the OFGS has had some of the ground cleared and native vegetation removed (see SK2). The forest to the east of OFGS has remained largely untouched. The Subject Area in particular is cleared and open space with not much else surrounding it.
1965	The most noticeable difference after a decade is that the vegetation surrounding the urbanised suburbs has been cleared to a moderate degree. The Oxford Falls area is still made up primarily of bushland. There is a large and temporary structure/shed in the middle of the playground of the land where OFGS is located.
1970	The land on both sides of the creek have been filled with construction sediment (see SK3). In the northern section of OFGS there is an increase in infrastructural development as well as revegetation occurring. The forest to the east and south east has had some sections further cleared. To the west of OFGS the previously cleared land has been developed with many buildings constructed.
1986	After 16 years there has been a large-scale clearing of buildings in the northern section of OFGS, as well as the surrounding area, particularly to the west and south. The Subject Area and the playground are patchy with turf and fill. Image SK6 shows the land of OFGS when the first demountable school building was erected. The cleared sections of the forest to the East of OFGS has been partially revegetated with turf and a few buildings.

3. Aboriginal objects due diligence assessment

Is the proposed activity a low impact activity as defined by the Regulation?

No.

The activity is not a low impact activity as defined under section 80B of the National Parks and Wildlife Regulation 2009 ('the Regulation') because:

- It involves earthworks associated with new installation/construction.
- It involves potential vegetation clearance. This is still being considered internally.
- It is not listed as a low impact activities as defined under section 80B.

Step 1 - Will the activity disturb the ground surface or any culturally modified trees?

Yes.

The proposed activity involves earthworks and potential vegetation clearance and therefore has the potential to disturb Aboriginal objects.

Step 2a - Are there any relevant confirmed site records or other associated landscape feature information on AHIMS (or other heritage registers)?

Yes.

Heritage Registers

AHIMS

An extensive search of the Aboriginal Heritage Information Management System (AHIMS) was conducted on the 10th September 2019 (AHIMS Client Service ID # 448184) over a 2 km² area centred on the Subject Area. Table 1 below outlines Aboriginal cultural heritages sites that are recorded in AHIMS within 200 m of the Subject Area.

There are no previously recorded Aboriginal cultural heritage sites within the Subject Area. The closest previously recoded Aboriginal cultural heritage site to the Subject Area is located about 160 m South-West. The AHIMS site card for Aboriginal cultural heritage site Belrose (AHIMS ID#45-6-1273) describes an open site with rock art (pigment/engraving)

Table 1: AHIMS sites within 200 m of the Subject Area

AHIMS ID	Site Name	Site Features
45-6-1273	Belrose	Open site with rock art (pigment/engraving)

Within the wider local area, Open sites with rock art (pigment/engraved) (n=12) were the most common Aboriginal site features within the AHIMS register. Open sites with rock art (pigment/engraving) and artefacts (n=1) and Artefacts (n=1) were also present.

The closest Aboriginal cultural heritage sites were predominantly located grouped together and 100 m apart from each other (Figure 3). The three AHIMS sites are listed as AHIMS ID: 45-6-1273, 45-6-2274 and 45-6-1275. The close proximity of each of the three AHIMS sites are distributed where there are outcrops of exposed sandstone such as sandstone platforms.

This group of sites is SW of OFGS and is also roughly in the middle between two streams.

It must be noted that care should be taken when using the AHIMS database to reach conclusions about Aboriginal cultural heritage site prevalence or distribution. The distribution of registered Aboriginal cultural heritage sites does not reflect patterns of occupation, but rather is often indicative of survey coverage and conditions.

Table 2: Summary of AHIMS site features within 1 km² of the Subject Area

Site features	Total
Open sites with rock art (pigment/engraved)	12
Open sites with rock art (pigment/engraving) and artefacts	1
Artefacts	1
Total	14

Other heritage registers

Searches of the Australian World Heritage Database, the Commonwealth Heritage List, National Heritage List, State Heritage Register, State Heritage Inventory, the Warringah Local Environmental Plan (LEP) (2011) and the Warringah Development Control Plan (DCP) (2011) were conducted on the 11 September 2019.

The searches concluded that there were no recorded Aboriginal or historic items within the Subject Area.

Table 3: Listed heritage items in proximity to the Subject Area

Heritage Register	Items in the Subject Area	Items nearby to the Subject Area
Australian World Heritage Database	No items	<ul style="list-style-type: none"> Indigenous Place, Cromer Heights, NSW, Australia (2941)
Commonwealth Heritage List	No items	No items
National Heritage List	No items	No items
State Heritage Register	No items	<ul style="list-style-type: none"> Oxford Falls Public School (2610110) Oxford Falls Conservation Area (2610100) Middle Creek Bridge No 1 (2610318) Middle Creek Bridge No. 1 (4309578) Middle Creek Bridge No 2 (2610319) Middle Creek Bridge No. 2 (4309579)
State Heritage Inventory	No items	No items
Schedule 5 of the LEP	No items	<ul style="list-style-type: none"> Oxford Falls Public School (I116) Middle Creek Bridge No 1 (I150) Middle Creek Bridge No 2 (I151)
Development Control Plan	No items	No items

Previous heritage assessments within or relevant to the Subject Area

The following heritage assessments have occurred in the region of the Subject Area:

Table 4: Previous heritage assessments within the region of the Subject Area

Author	Title	Relevance to Subject Area
Kelleher Nightingale Consulting 2016	INGLESIDE PRECINCT- Aboriginal Heritage Assessment	<p>This assessment was prepared to identify and assess Aboriginal cultural heritage items and values within the Ingleside Precinct to be considered in planning for the future development of the area.</p> <p>The Ingleside Precinct assessment supports the background reading regarding the history of the northern beaches area and the impact Europeans had on local Aboriginal communities (such as smallpox and growth in European settlement).</p> <p>OFGS is located approximately 5 km South West from Ingleside. This assessment also provides a description of the soil landscape of Oxford Falls.</p>

Step 2b - Are there any other sources of information of which a person is already aware?

Yes.

- In 2014 Butcher produced a Complying Development Certificate for OFGS. This certificate was issued under the EPA Act 1979 in order to proceed with developments for a new science classroom. There is a small section which examines the historic changes overtime and contains useful historical aerals of the Subject Area.
- A project brief from EPM Projects 2019 proposes the plans to construct the OFGS kiosk. This project brief regards the plans and reasons for building the proposed kiosk and also demonstrates the location of the Subject Area.

Step 2c - Are there landscape features that are likely to indicate the presence of Aboriginal Objects?

Yes.

The Subject Area is located approximately 107 m from a first order stream that flows from Beacon Hill into Middle Creek which is a tributary of Narrabeen Lagoon. In accordance with the Due Diligence Code of Practice, there is a higher probability of Aboriginal objects occurring within land that is within 200 m of water. First order watercourses are often associated with infrequent and low densities of artefacts from movement through the landscape rather than long term occupation or focused occupation.

The closest landscape feature in proximity to the Subject Area is AHIMS site #45-6-1273 [Open site with rock art (pigment/engraving)], which is located approximately 160 m SW from the Subject Area. The AHIMS site (AHIMS ID#45-6-1273) is described as being a valid rock art site.

Although these landscape features are likely to indicate the presence of Aboriginal Objects, the archaeological model indicates limited potential for subsurface deposit within the Subject Area due to significant ground disturbances associated with de-vegetation, re-vegetation, and the construction of the OFGS buildings and decades of heavy pedestrian impact.

Step 3 - Can the harm or the activity be avoided?

Not applicable.

The desktop assessment indicates that Aboriginal Objects are unlikely to occur within the Subject Area due to the degree of disturbance and as such there is no compelling reason to move or avoid the activity.

Step 4 - Does a desktop assessment and visual inspection confirm that there are Aboriginal Objects or that they are likely?

No

The desktop assessment and visual inspection concluded that there is a potential for occasional and low frequencies of Aboriginal Objects within the Subject Area, as it is located within 200 m of a drainage line and 300 m from a second/third order stream.

Site inspection details

The site inspection was completed on the 9th September 2019 by Wade Goldwyer (Heritage Consultant, Niche), assisted by Marcus Bankowski (EPM Projects). The site inspection targeted the proposed Subject Area as well as the surrounding area spanning a distance of approximately 160 m.

Subject Area

The proposed kiosk was inspected on foot. Significantly disturbed from de-vegetation, revegetation, landscaping and maintenance were all evident within the Subject Area. The surface area in the proximate alignment of the proposed works had a good visibility of 90 %, and an exposure of 5%. The playground area was mostly covered by grass and trees (see Plates 1-6 below). No Aboriginal objects were identified or considered potential.



Plate 1: Subject Area, facing south east



Plate 2: Subject Area, facing north west.



Plate 3: Subject Area, facing north north East.



Plate 4: Subject Area, facing north west.



Plate 5: Parking Bay behind Subject Area, facing east.



Plate 6: Subject Area, facing south.

Step 5 - Further investigations and impact assessment

No

The desktop assessment confirmed that Aboriginal objects are unlikely due to significant ground disturbances.

No further investigation or impact assessment is required.

4. Conclusions and Recommendations

Aboriginal objects are protected under the National Parks and Wildlife Regulation 2009. On the basis of this assessment, it is unlikely that Aboriginal objects have survived within the Subject Area due to ground disturbances associated with de-vegetation, landscaping, maintenance, and decades of heavy pedestrian impact. The location of the Subject Area outside of close proximity to suitable landforms near larger water sources also indicates that the possibility of subsurface archaeological deposits is low.

No Aboriginal heritage constraints were identified for the proposed activity and no further investigation or impact assessment is required.

The proposed activity may therefore proceed with caution without a further Aboriginal Cultural Heritage Assessment (ACHA) or AHIP. It is recommended that:

- All site workers and contractors should be inducted to the area and informed of their obligations under the National Parks and Wildlife Act 1974
- In the unlikely event that any Aboriginal objects are found and cannot be avoided, all activities with the potential to impact the objects must stop and an appropriately qualified archaeologist engaged to assess the findings, and notification is provided to the Office of Environment and Heritage.
- In the unlikely event that human remains are found, stop work, secure the site and notify the NSW Police and the Office of Environment and Heritage.

5. References

Butcher, P. 2014 *Oxford Falls Grammar School: Complying Development Certificate Approval*. Rooney & Bye.

Curson, P. 2008 'Smallpox Redux: An Australian Perspective', *Security Challenges*, vol. 4, no. 3, pp. 99–114.

Department Environment, Climate Change and Water NSW, 2010a. Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales: Part 6 National Parks and Wildlife Act 1974, Department of Environment, Climate Change and Water NSW. Available at:
<http://www.environment.nsw.gov.au/resources/cultureheritage/10783FinalArchCoP.pdf>.

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

Department Environment, Climate Change and Water NSW, 2010c. Aboriginal Cultural Heritage Consultation Requirements for Proponent 2010: Part 6 of the National Parks and Wildlife Act 1974. Department of Environment, Climate Change and Water NSW.

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Kelleher Nightingale Consulting 2016 Ingleside Precinct- Aboriginal Heritage Assessment.

Office of Environment and Heritage 2019 *Oxford Falls Public School*, Available at
<https://www.environment.nsw.gov.au/heritageapp/ViewHeritageItemDetails.aspx?ID=2610110>

Office of Environment and Heritage n.d. *Oxford Falls Soil Profile Report*, pp.96–100. Available at
<https://www.environment.nsw.gov.au/Salis5app/resources/spade/reports/9130of.pdf>

Pollen, F. 1990 *The Book of Sydney Suburbs*, Angus & Robertson Publishers, Australia.

Warringah Local Environmental Plan 2011.

Warringah Development Control Plan 2011.

Attachment 1 – Concept Plans



DRAWING LIST - OVAL KIOSK	
DRAWING NO.	SHEET NAME
REF0000	COVER SHEET
REF1000	SITE PLAN
REF2000	FLOOR PLAN
REF3100	ELEVATION
REF3200	SECTION
REF4000	DRAINAGE & SEDIMENT CONTROL PLAN



FOR REVIEW OF ENVIRONMENTAL FACTORS

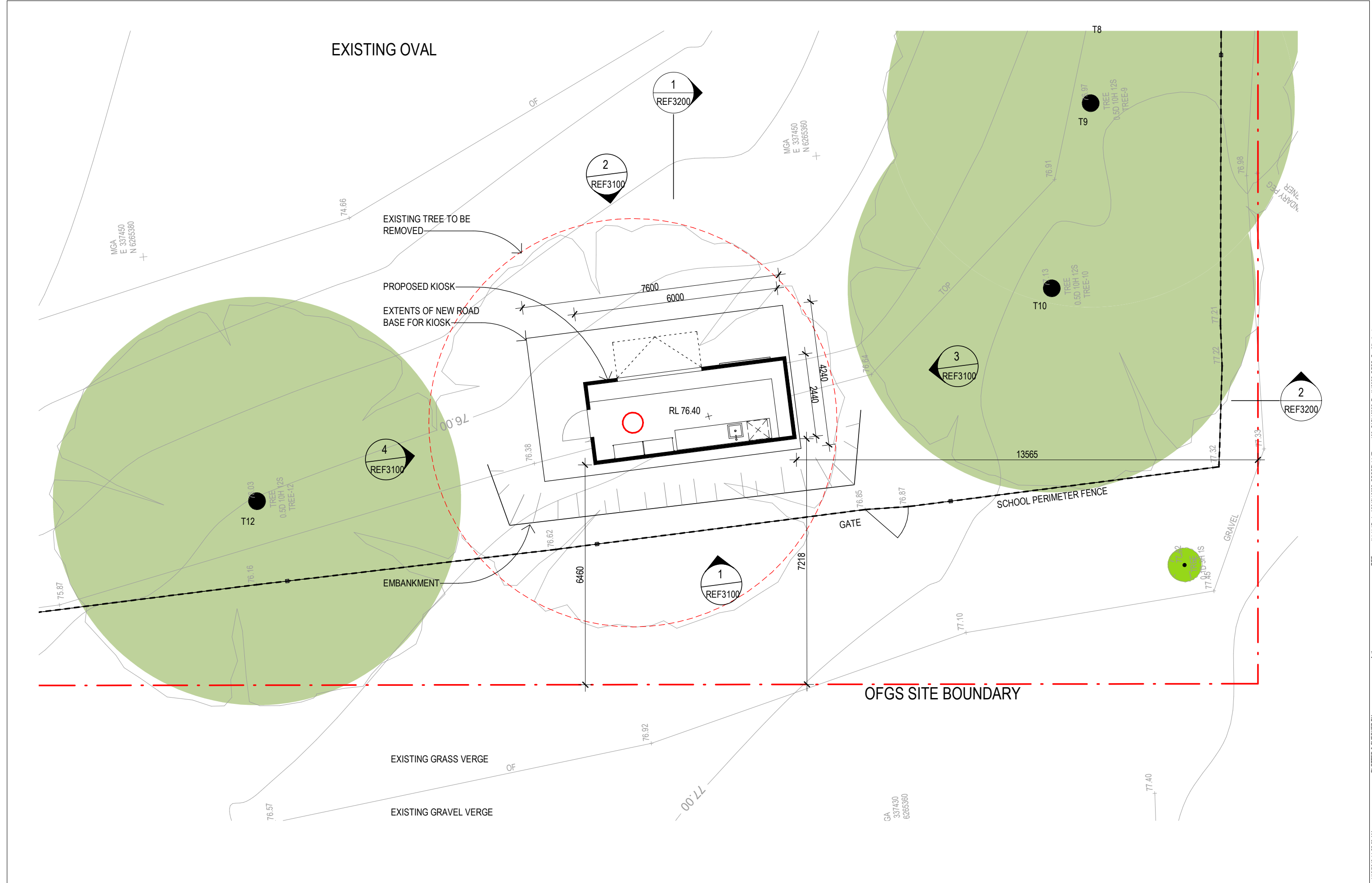
OFGS Oval Kiosk



1078 Oxford Falls Road,
OXFORD FALLS NSW 2100

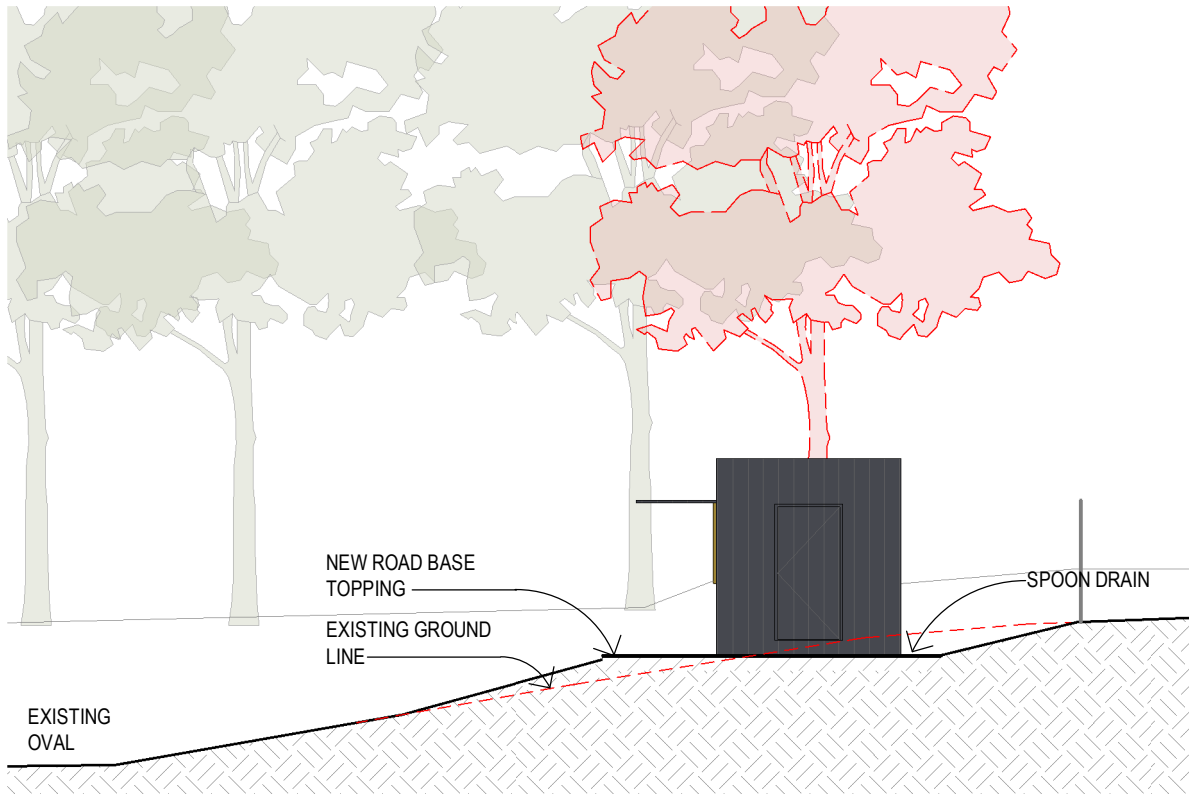
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					Project Status NOT FOR CONSTRUCTION			



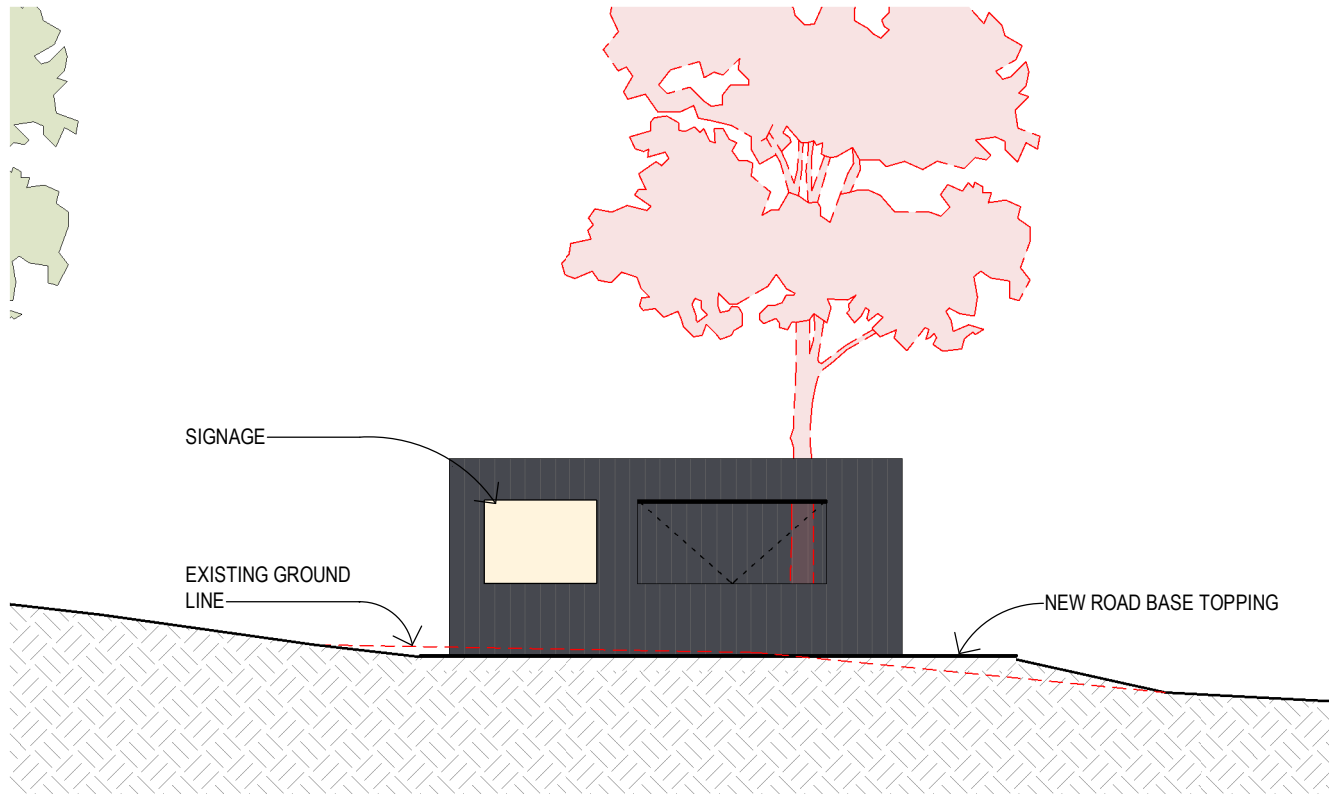
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	2	26/09/19							ISSUE TO CIVIL FOR REVIEW	NZ	JW
3	1/10/19	ISSUE TO REF	NZ	JW							



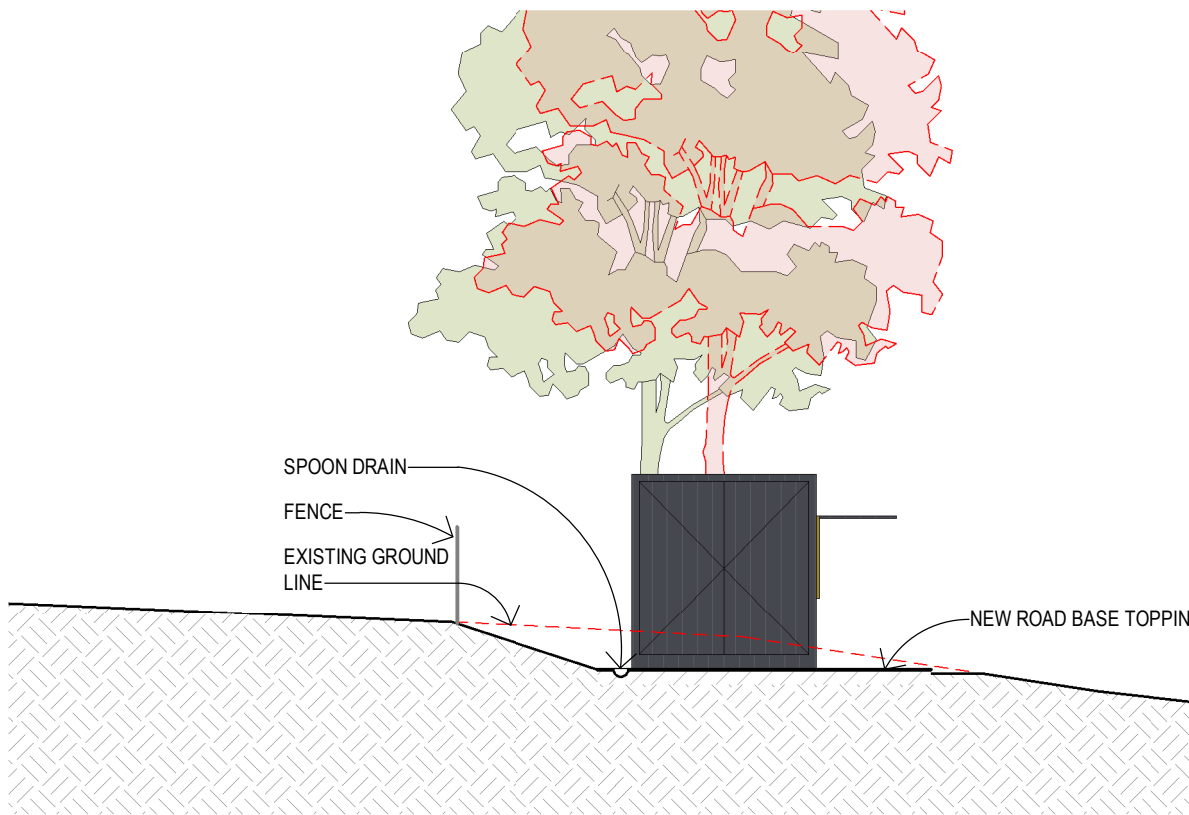
	Revisions		<div>Key</div> <div></div>	<div>Client</div> <div>Oxford Falls Grammar School</div>	<div>Architect</div> <div><div>79 Myrtle Street Chippendale NSW 2008 AUSTRALIA ph +61 2 9311 8222 fx +61 2 9311 8200 ABN 53 003 782 250</div></div>	<div>Project</div> <div>OFGS Oval Kiosk 1078 Oxford Falls Road, OXFORD FALLS NSW 2100</div> <div>Proj. No. 00000</div>	<div>Drawing Title</div> <div>FLOOR PLAN</div> <div>Project Status</div> <div>NOT FOR CONSTRUCTION</div>	<div>Scale</div> <div>1 : 100 @A3</div> <div>Drawing No.</div> <div>REF2000³</div> <div>Issue</div>			
	No.	Date							Description	Chk'd	App'd
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	2	26/09/19							ISSUE TO CIVIL FOR REVIEW	NZ	JW
3	1/10/19	ISSUE TO REF	NZ	JW							



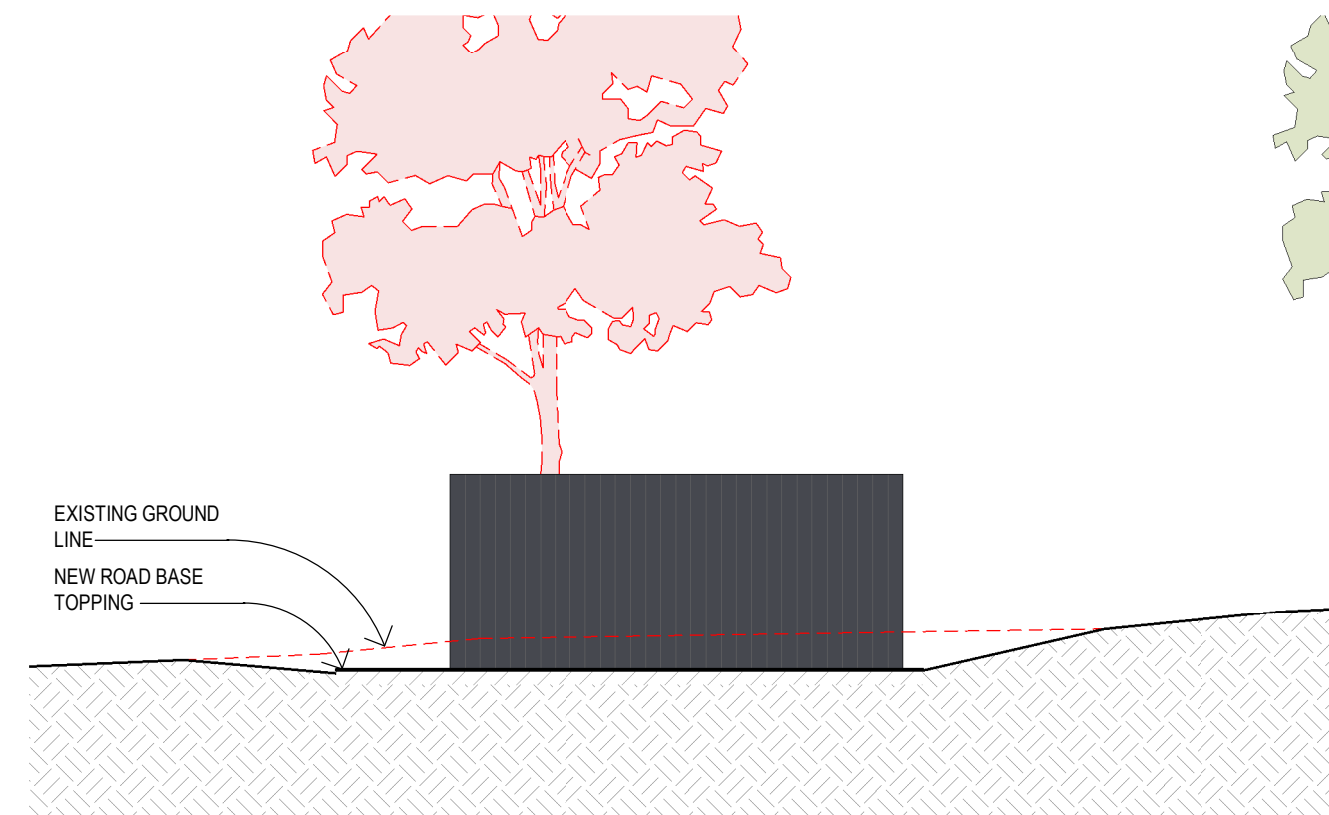
4 KIOSK NORTH ELEVATION 1:100



2 KIOSK EAST ELEVATION 1:100



3 KIOSK SOUTH ELEVATION 1:100



1 KIOSK WEST ELEVATION 1:100

MATERIALS AND COLOURS



SHIPPING CONTAINER STEEL,
CHARCOAL PAINT FINISH

Revisions	No.	Date	Description	Chkd	App'd
1	24/09/19		DRAFT FOR COMMENT	NZ	JW
2	26/09/19		ISSUE TO CIVIL FOR REVIEW	NZ	JW
3	1/10/19		ISSUE TO REF	NZ	JW

Key

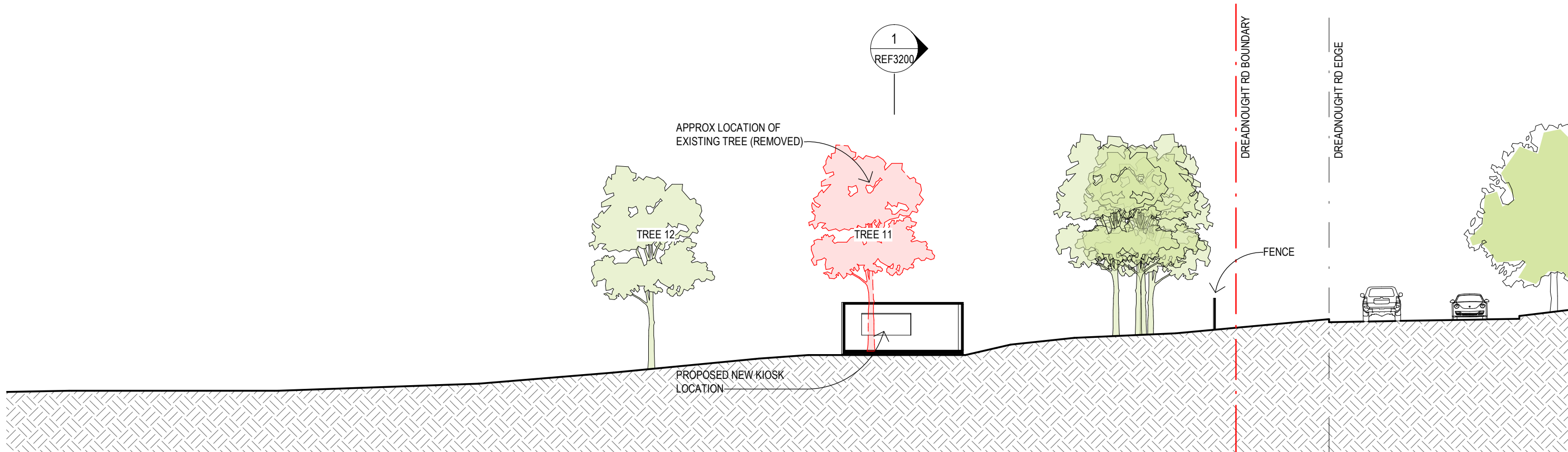
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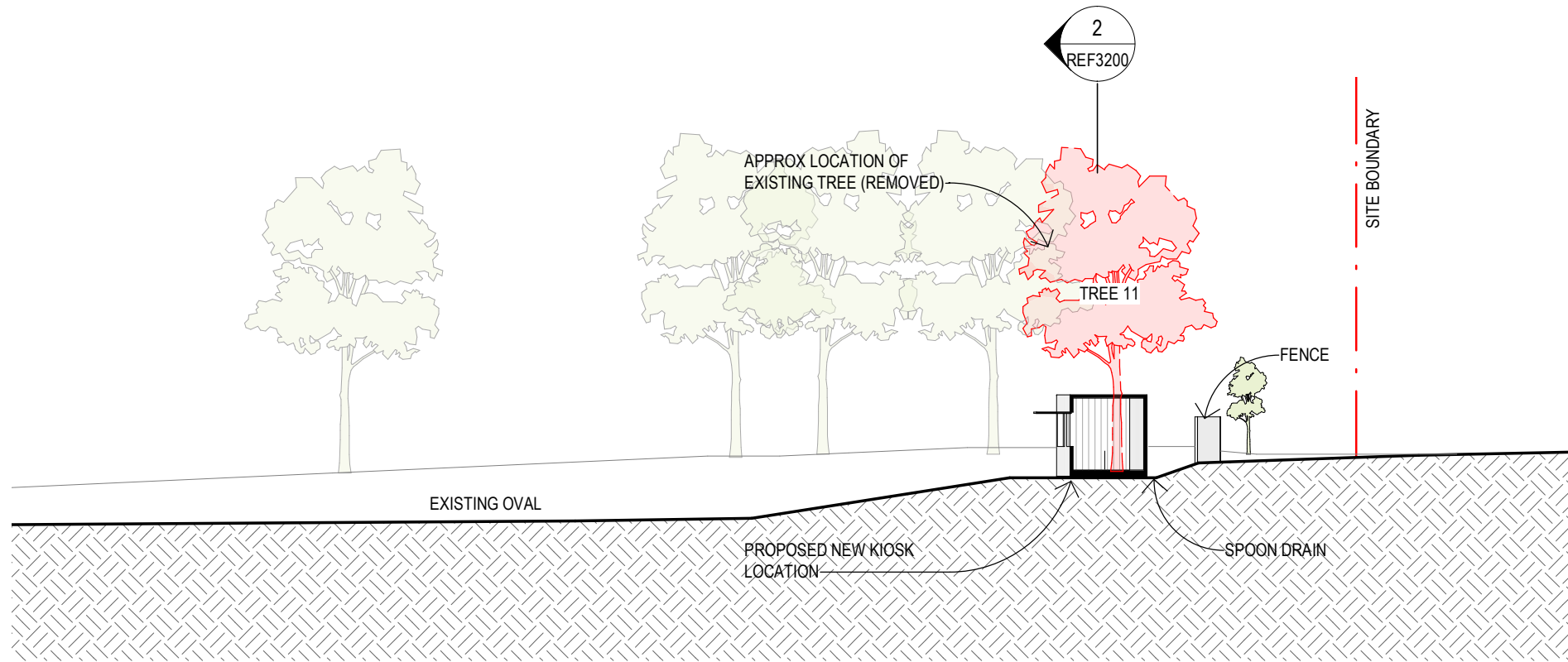
Project
OFGS Oval Kiosk
1078 Oxford Falls Road,
OXFORD FALLS NSW 2100
Proj. No. 00000

Drawing Title
ELEVATION
Project Status
NOT FOR CONSTRUCTION


Scale
1:100
@A3
Drawing No.
REF31003
Issue

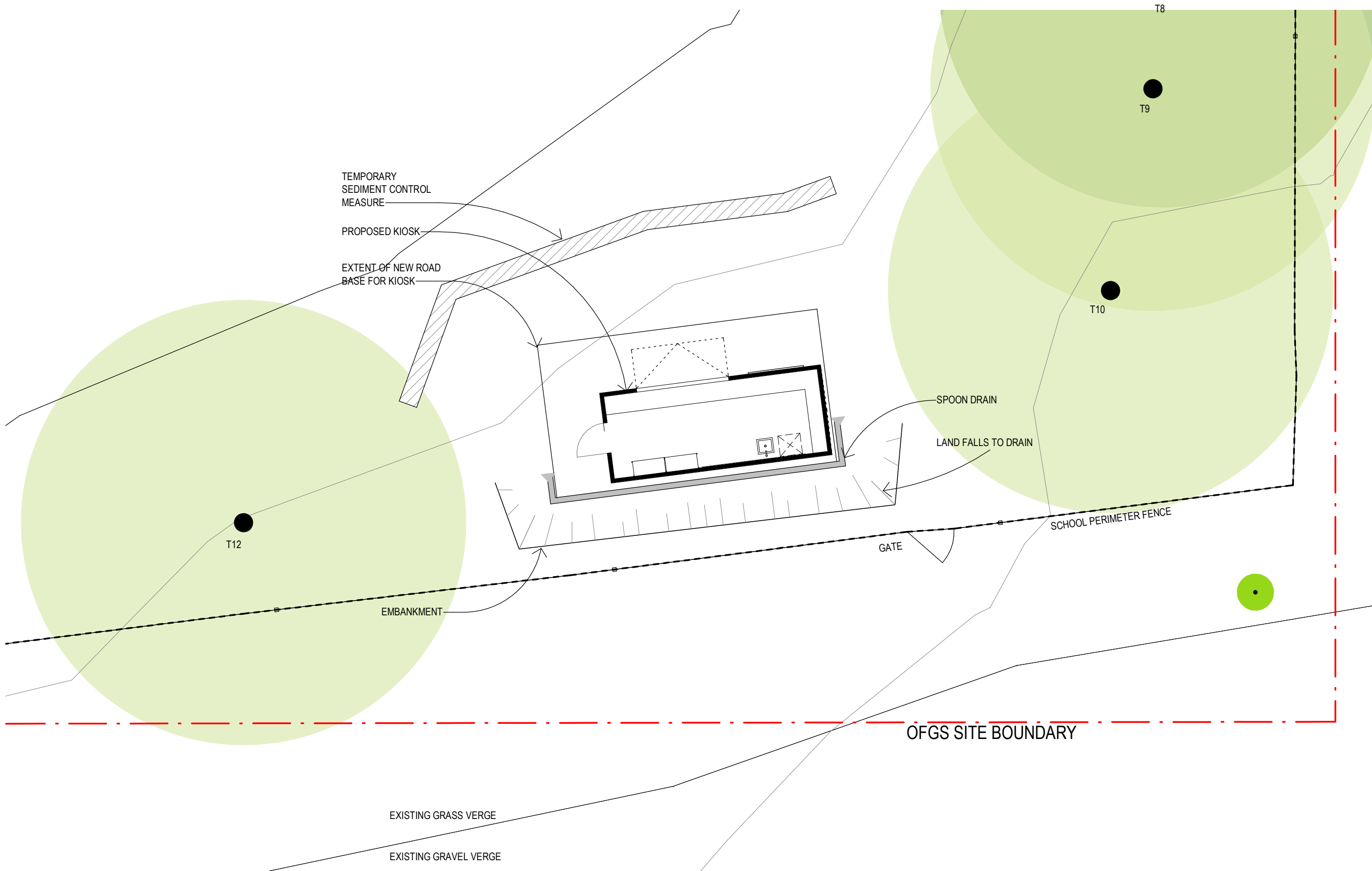


2 OVAL KIOSK SITE SECTION 1 : 200

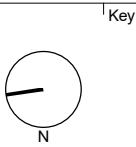


1 OVAL KIOSK SITE SECTION 1 : 200

	Revisions				Key	Client Oxford Falls Grammar School	Architect <div> ALLEN JACK+COTTIER 79 Myrtle Street Chippendale NSW 2008 AUSTRALIA ph +61 2 9311 8222 fx +61 2 9311 8200 ABN 53 003 782 250</div>	Project OFGS Oval Kiosk 1078 Oxford Falls Road, OXFORD FALLS NSW 2100 Proj. No. 00000	Drawing Title SECTION Project Status NOT FOR CONSTRUCTION	Scale 1 : 200 @A3	Drawing No. REF3200 ³	Issue



Revisions		Description	Chk'd	App'd
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ABN 53 003 782 250

Project
OFGS Oval Kiosk
1078 Oxford Falls Road,
OXFORD FALLS NSW 2100
Proj. No. 00000

Drawing Title
**DRAINAGE & SEDIMENT
CONTROL PLAN**
Project Status
NOT FOR CONSTRUCTION

Scale
**1 : 100
@A3**
Drawing No.
REF4000³
Issue

Attachment 2 – AHIMS Extensive Search

AHIMS Web Services (AWS)

Extensive search - Site list report

Your Ref/PO Number : 5350- Basic Search 1

Client Service ID : 448184

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-2589	Brentwood Place;Frenchs Forest;	AGD	56	336929	6264622	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -	Shelter with Art,Shelter with Deposit	
	Contact	Recorders	Michael Guider					Permits		
45-6-2274	Frenchs Forest - (refer to 45-6-1273)	AGD	56	337195	6264955	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Mr.Phil Hunt,Melanie Kennedy					Permits		
45-6-1273	Belrose.	AGD	56	337230	6265050	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	Contact	Recorders	Mr.Phil Hunt,Charles.D Power					Permits		
45-6-1275	Belrose;	AGD	56	337270	6264946	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	ASRSYS					Permits		
45-6-2465	Oxford Falls 1;	AGD	56	335952	6266033	Open site	Valid	Artefact : -	Isolated Find	3462
	Contact	Recorders	Mr.Matthew Barber					Permits		
45-6-0563	Wheeler Creek;Mona Vale;	AGD	56	338152	6265783	Closed site	Valid	Artefact : -	Shelter with Deposit	
	Contact	Recorders	Ms.Bronwyn Conyers,L Hoad,Neil Stone					Permits		
45-6-1160	Oxford Creek	AGD	56	337240	6266170	Open site	Not a Site	Art (Pigment or Engraved) : -	Not an Aboriginal Site	
	Contact	Recorders	Young,M Young					Permits		
45-6-2336	Red Hill, Narraweena 2	AGD	56	338269	6265990	Open site	Valid	Artefact : -	Open Camp Site	
	Contact	Recorders	Michael Guider,Mr.Phil Hunt					Permits		
45-6-2337	Red Hill, Narraweena 1	AGD	56	337964	6265026	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Michael Guider					Permits		
45-6-0053	Dee Why.	AGD	56	338807	6264602	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Ms.Lisa Campbell,Mr.Paul Irish					Permits		
45-6-1493	Belrose	AGD	56	338823	6265895	Closed site	Valid	Artefact : -	Shelter with Deposit	940,2010
	Contact	Recorders	Ms.Laila Haglund					Permits		
45-6-0934	Belrose; Warr-223B	AGD	56	338249	6264513	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1989,4422
	Contact	Recorders	ASRSYS					Permits	175	
45-6-0117	Belrose;Wheeler Creek;	AGD	56	338168	6265754	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	Contact	Recorders	Young,Ms.Lisa Campbell					Permits		

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45-6-0118	Belrose;Wheeler Creek;	AGD	56	338226	6265669	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell							
			<u>Permits</u>							
45-6-0119	Belrose;Wheeler Creek;	AGD	56	338187	6265742	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	371,1891
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell							
			<u>Permits</u>							
45-6-0120	Belrose;Wheeler Creek;	AGD	56	338272	6265940	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell							
			<u>Permits</u>							
45-6-0121	Wheeler Creek; Belrose WARR - 49	AGD	56	338425	6265845	Open site	Valid	Art (Pigment or Engraved) : 3	Rock Engraving	1891
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell,Mr.Phil Hunt							
			<u>Permits</u>							
45-6-0122	Wheeler Creek;Belrose;	AGD	56	338657	6266556	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell							
			<u>Permits</u>							
45-6-0123	Belrose;Wheeler Creek;	AGD	56	338738	6266476	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell							
			<u>Permits</u>							
45-6-0124	Wheeler Creek;Belrose;	AGD	56	338784	6266487	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell							
			<u>Permits</u>							
45-6-0126	Belrose;Wheeler Creek	GDA	56	338989	6266661	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell,Mr.Phil Hunt							
			<u>Permits</u>							
45-6-0127	Wheeler Creek;Belrose;	AGD	56	338640	6266370	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell							
			<u>Permits</u>							
45-6-0128	Belrose;Wheelers Creek;	AGD	56	338505	6266376	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell							
			<u>Permits</u>							
45-6-0129	Wheeler Creek;Belrose	GDA	56	338855	6266590	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1329
	<u>Contact</u>	<u>Recorders</u>	Young,Ms.Lisa Campbell,Mr.Phil Hunt							
			<u>Permits</u>							
45-6-0303	Belrose;	AGD	56	337006	6265814	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1891
	<u>Contact</u>	<u>Recorders</u>	Young,W Walton							
			<u>Permits</u>							
45-6-0089	Belrose;Wheelers Creek;Group 121;	AGD	56	338580	6265747	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	J.C Lough							
			<u>Permits</u>							

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Extensive search - Site list report

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Client Service ID : 448184

SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-0785	Belrose;	AGD	56	338132	6266183	Open site	Valid	Stone Arrangement : -	Stone Arrangement	1891
	<u>Contact</u>	<u>Recorders</u>	Young,I.M Sim							
45-6-1012	Belrose;Superlatives Cave;	AGD	56	336940	6264625	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>	Mr.R Taplin							
45-6-1013	Belrose;High Midpart Cave;	AGD	56	336856	6264590	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>	ASRSYS							
45-6-1014	Belrose;Red Glow Cave;	AGD	56	337972	6264695	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	
	<u>Contact</u>	<u>Recorders</u>	ASRSYS							
45-6-1015	Belrose;	AGD	56	337964	6265026	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	1447,1891
	<u>Contact</u>	<u>Recorders</u>	Ms.Lisa Campbell							
45-6-2790	Brooker Avenue Engraving Site 1	AGD	56	338034	6264770	Closed site	Valid	Art (Pigment or Engraved) : 2		
	<u>Contact</u> T Russell	<u>Recorders</u>	Mr.Phil Hunt,Mr.Paul Irish							
45-6-2787	Wheeler Creek Engraving WARR -59	GDA	56	338660	6265940	Open site	Valid	Aboriginal Resource and Gathering : 1		
	<u>Contact</u> T Russell	<u>Recorders</u>	Mr.Phil Hunt							
45-6-2788	Wheeler Creek , Belrose WARR - 49	AGD	56	338520	6266032	Open site	Deleted	Aboriginal Ceremony and Dreaming : 3		
	<u>Contact</u> T Russell	<u>Recorders</u>	Mr.Phil Hunt							
45-6-0526	Oxford Falls 4;Hornsby;	AGD	56	336790	6266251	Closed site	Valid	Art (Pigment or Engraved) : -	Shelter with Art	1333
	<u>Contact</u>	<u>Recorders</u>	Warren Bluff							
45-6-2380	Red Hill 2 [further info. see report 101514]	AGD	56	338837	6264438	Closed site	Valid	Art (Pigment or Engraved) : -, Artefact : -	Shelter with Art,Shelter with Deposit	
	<u>Contact</u>	<u>Recorders</u>	Michael Guider							
45-6-0019	Dee Why	AGD	56	338860	6264244	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	
	<u>Contact</u>	<u>Recorders</u>	Charles.D Power,Mr.Paul Irish							
45-6-0692	Beacon Hill Frenchs Forest	AGD	56	338856	6264237	Open site	Valid	Art (Pigment or Engraved) : -	Rock Engraving	93
	<u>Contact</u>	<u>Recorders</u>	Unknown Author,Mr.Paul Irish							
45-6-2944	WARR-043 Corymbia Shelter	AGD	56	336430	6265430	Closed site	Valid	Artefact : 1		
	<u>Contact</u>	<u>Recorders</u>	Mr.Phil Hunt							

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SiteID	SiteName	Datum	Zone	Easting	Northing	Context	Site Status	SiteFeatures	SiteTypes	Reports
45-6-3107	CFT1	GDA	56	338354	6266305	Open site	Valid	Potential Archaeological Deposit (PAD) : 1		
	Contact									Permits
		Recorders	Ms.Vanessa Hardy,Cultural Heritage Connections Pty Ltd							
45-6-3128	Cromer Heights Shelter PAD	GDA	56	338310	6266615	Open site	Valid	Potential Archaeological Deposit (PAD) : -		
	Contact									Permits
		Recorders	Mr.Phil Hunt							
45-6-3129	Cromer Heights - IF01	GDA	56	338460	6266580	Open site	Valid	Artefact : -		
	Contact									Permits
		Recorders	Mr.Phil Hunt							
45-6-3141	Cromer Valley Rd 1 WARR060	GDA	56	338773	6266668	Open site	Valid	Art (Pigment or Engraved) : -		
	Contact									Permits
		Recorders	Mr.Phil Hunt							
45-6-3142	Cromer Valley Rd 2 WARR061	GDA	56	338697	6266654	Open site	Valid	Art (Pigment or Engraved) : -		
	Contact									Permits
		Recorders	Mr.Phil Hunt							
45-6-3143	Cromer Valley Rd 3 WARR065	GDA	56	338944	6266613	Open site	Valid	Art (Pigment or Engraved) : -		
	Contact									Permits
		Recorders	Mr.Phil Hunt							
45-6-3164	Trefoil Creek 1	GDA	56	336531	6264357	Open site	Valid	Art (Pigment or Engraved) : -		
	Contact									Permits
		Recorders	Mr.Mark Rawson							

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Attachment 3 – Historic Aerials

MAP 3422 SYDNEY 6-3-1950



6-3-30
F5-6 1-12
SYDNEY SURVEY
F8/65 LENS F=90

COMMONWEALTH
AUSTRALIA
CROWN COPYRIGHT 1950



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