



ENVIRONMENTAL INVESTIGATION SERVICES

REPORT

TO

THE AUSTRAL BRICK COMPANY PTY LTD

ON

**PRELIMINARY STAGE 1 ENVIRONMENTAL
SITE ASSESSMENT**

FOR

**PROPOSED CONCRETE AGGREGATE
MANUFACTURING FACILITY**

AT

780 WALLGROVE ROAD, HORSLEY PARK, NSW

14 APRIL 2015

REF: E28117KCrpt



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ABBREVIATIONS

Asbestos Containing Material	ACM
Area of Environmental Concern	AEC
Australian Height Datum	AHD
Acid Sulfate Soil	ASS
Above Ground Storage Tank	AST
Below Ground Level	BGL
Bureau of Meteorology	BOM
Benzene, Toluene, Ethylbenzene, Xylene, Naphthalene	BTEXN
Cation Exchange Capacity	CEC
Contaminated Land Management	CLM
Conceptual Site Model	CSM
Environmental Protection Agency	EPA
Environmental Site Assessment	ESA
International Organisation of Standardisation	ISO
Light Non-Aqueous Phase Liquid	LNAPL
Local Government Authority	LGA
Map Grid of Australia	MGA
National Association of Testing Authorities	NATA
National Environmental Protection Measure	NEPM
Organochlorine Pesticides	OCP
Organophosphate Pesticides	OPP
Polycyclic Aromatic Hydrocarbons	PAH
Potential Contaminants of Concern	PCC
Remediation Action Plan	RAP
Sampling, Analysis and Quality Plan	SAQP
Site Audit Statement	SAS
Site Audit Report	SAR
Semi-Volatile Organic Compounds	sVOC
Standard Water Level	SWL
Total Recoverable Hydrocarbons	TRH
United States Environmental Protection Agency	USEPA
Underground Storage Tank	UST
Volatile Organic Compounds	VOC
Volatile Organic Chlorinated Compound	VOCC
Workplace, Health and Safety	WHS

1 INTRODUCTION

The Austral Brick Company Pty Ltd ('the client') commissioned Environmental Investigation Services (EIS)¹ to undertake a Preliminary Stage 1 Environmental Site Assessment (PESA) for the proposed concrete aggregate manufacturing facility at 780 Wallgrove Road, Horsley Park.

The site location is shown on Figure 1 and the assessment was confined to the proposed development area as shown on Figure 2. The proposed development area is referred to as 'the site' or 'subject site' in this report.

This report has been prepared to support the lodgement of a Development Application (DA) for the proposed development.

1.1 Objectives

The assessment objectives were to:

- Identify the areas of environmental concern (AEC);
- Establish whether an intrusive (Stage 2) investigation is required; and
- Comment on the suitability of the site for the proposed development.

1.2 Scope of Work

The assessment was undertaken generally in accordance with an EIS proposal (Ref: EP8673K) of 19 January 2015 and written acceptance from the client of 3 February 2015.

The scope of work included the following:

- Review of site information including background and site history information;
- A site inspection to identify AEC; and
- Preparation of a report presenting the results of the assessment.

The report was prepared with reference to regulations/guidelines outlined in the table below. Individual guidelines are also referenced within the text of the report.

¹ Environmental consulting division of Jeffery & Katauskas Pty Ltd (J&K)

Table 1-1: Guidelines

Guidelines/Regulations/Documents
Contaminated Land Management Amendment Act (2008 ²)
State Environmental Planning Policy No.55 – Remediation of Land (1998 ³)
Guidelines for Consultants Reporting on Contaminated Sites (2011 ⁴)
Guidelines for the NSW Site Auditor Scheme, 2nd Edition (2006 ⁵)
National Environmental Protection (Assessment of Site Contamination) Amendment Measure (2013 ⁶)

1.3 Proposed Development Details

The proposed development includes extension to the existing Plant No. 2 brickworks facility in order to manufacture a new concrete aggregate product. The proposed new manufacturing facility is to use the existing assets associated with Plant No.2 and is to occupy the following areas as shown on the attached plans provided by the client (included the Appendices):

- New Kiln and Clay Preparation System: located to the south of Plant No. 2, includes the installation of a 70m long elevated rotary kiln, clay storage shed, storage bins, extruder, rollers, feeders, solid fuel storage area, office and amenities. The existing earth batter will require excavation to make room for the new kiln and associated facilities. A new earth batter is to be constructed approximately 25m further south of the existing batter.
- New Stockpiles Area: located to the west of Plant No. 2, includes a main stockpile (approximately 70,000m³), off-spec stockpile (approximately 2,500m³), overhead conveyors and an automatic underground reclaim system. The existing north-south oriented vegetation bund and above ground diesel storage tank will require removal.
- Proposed new Crushing/Screening Plant and Graded Stockpile Area: located to the west of Plant No. 2, includes a crushing and screening plant 15m above ground level, linked to the new stockpiles area via a box feeder. The graded material is to be stored in approximately four stockpiles. The existing detention basin will require infilling to accommodate the proposed development in this area. This would also include significant earthworks associated with the removal of the large 30m high stockpile located on the south side of the detention basin. We understand that a new detention basin may be constructed at the location of the 30m high stockpile.
- Roadways, Truck Loading, Staff Office, Carpark and Truck parking area: located to the west of Plant No. 2, includes separate access/egress for trucks and cars, weighbridge, office, amenities, car park, parking areas and open area associated with loading from the graded stockpiles. The existing 9m high stockpile will require removal.

² NSW Government Legislation, (2008), *Contaminated Land Management Amendment Act*. (referred to as CLM Amendment Act 2008)

³ NSW Government, (1998), *State Environmental Planning Policy No. 55 – Remediation of Land*. (referred to as SEPP55)

⁴ NSW Office of Environment and Heritage (OEH), (2011), *Guidelines for Consultants Reporting on Contaminated Sites*. (referred to as Reporting Guidelines 2011)

⁵ NSW DEC, (2006), *Guidelines for the NSW Site Auditor Scheme, 2nd ed.* (referred to as Site Auditor Guidelines 2006)

⁶ National Environment Protection Council (NEPC), (2013), *National Environmental Protection (Assessment of Site Contamination) Amendment Measure 2013 (No.1)*. (referred to as NEPM 2013)

2 **SITE INFORMATION**

2.1 **Site Identification**

Table 2-1: Site Identification

Current Site Owner:	The Austral Brick Company Proprietary Limited
Site Address:	780 Wallgrove Road, Horsley Park NSW
Lot & Deposited Plan:	Lot 7 in DP 1059698
Current Land Use:	Industrial production of bricks/ceramics
Proposed Land Use:	Industrial production of bricks/ceramics
Local Government Authority (LGA):	Fairfield City Council
Current Zoning:	The Fairfield LEP 2013 does not apply to the site
RL (AHD approx.):	60m
Geographical Location (MGA56) (approx.):	N: 6255133.717 E: 302854.855
Site Location Plan:	Figure 1
Site Layout Plan:	Figure 2

2.2 **Site Description**

Regional topography in the vicinity of the site generally consists of a broad undulations and streams/creeks orientated approximately north, north-west. In general the regional and site topography falls gradually to the north. The natural site topography, however, has been significantly altered by the excavation of quarries, cut and fill earthworks, earth embankments and large stockpiles of material for brickmaking purposes.

The site is located within the grounds of the Austral Brick Company facility, directly adjacent to Plant No 2. The site has been defined as the location of the proposed development only and consists of an area to the south and west of Plant No. 2, to the south of the brickworks main private access road (linking Ferrers Road and Wallgrove Road) and to the east of Eastern Creek (and associated riparian zone). The area to the south of the site is used as a stockpile reserve for brickmaking material.

EIS undertook a site inspection on the 12 March 2015. The site is described in the following section in accordance with each area of the proposed new development.

- Proposed new Kiln Area

The area generally consisted of an open vacant area to the south and south-west of Plant No. 2 including an unsealed sloping road with an elevation of approximately 67m to 60m AHD (from east to west respectively). The road was generally vacant with the exception of a number of stored materials/equipment and parked vehicles. A batter was located to the south of the road with a maximum height of approximately 72m AHD. Based on a cutting in the batter the material appeared to consist of crushed shale and clay. The batter surface was covered with grass and trees approximately 10m in height. A number of large steel tanks were stored on the ground at the west end of the area. The tanks were empty and did not appear to have been used in their current location. Inspection of the area did not identify any notable odours or ground surface staining.



Photograph looking east at the south end of Plant No.2 indicating the stored tanks within the proposed new Kiln area.

- Proposed new Stockpiles Area

Located to the west of Plant No. 2, the area generally consisted of a north-south oriented vegetated bund (approximately 6m high), an unsealed internal road and unsealed car park/vehicle turning area occupied by a small demountable building and an above ground diesel storage tank (capacity 26,000L). The vegetated bund material appeared to consist of crushed shale and clay covered by grass and scattered trees approximately 10-15m high.



Photograph indicating the diesel tank within the proposed new stockpiles area.

- Proposed new Crushing/Screening Plant and Graded Stockpile Area
Located to the west of Plant No. 2, the area was generally occupied by the existing detention basin (up to approximately 4m deep), unsealed roads/truck turning areas.



Photograph looking west across the detention basin showing the large stockpile (approx. 30m high) located to the south of the basin.

- Roadways, Truck Loading, Staff Office, carpark and Truck parking Area

Occupied by the existing gravel road (linked to the main private road to the facility) and a stockpile approximately 9m high. The stockpiled material appeared to consist of crushed shale and clay.



Photograph looking north at the road and stockpile in the vicinity of the proposed roadways, truck loading, staff office, carpark and truck parking area.

The immediate surrounds to the subject site included the following land uses:

- North – Easement associated with the Warragamba – Prospect water pipeline.
- South – Brickworks property occupied by large stockpiles.
- East – Brickworks Plant no. 2 and Ferrers Road beyond.
- West – Eastern Creek and riparian corridor.

2.3 Underground Services

The 'Dial Before You Dig' (DBYD) plans were reviewed for the assessment. Major services which could pose a potential migratory pathway were not identified at the site.

2.4 Regional Geology

A review of the regional geological map of Penrith (1991⁷) indicates that the site is underlain by Bringelly Shale of the Wianamatta Group, which typically consists of shale, carbonaceous claystone, claystone, laminite, fine to medium grained lithic sandstone, rare coal and tuff.

⁷ CSIRO Land and Water

2.5 Acid Sulfate Soil (ASS) Risk

The National acid sulfate soil occurrence map displayed from the Australian Soil Information System⁸ indicates that the site is located in an area of no known occurrence of acid sulfate soils.

2.6 Hydrogeology

A review of groundwater bore records available on the NSW Office of Water⁹ (NOW) online database was undertaken on 25 March 2015. The search was limited to registered bores located within a radius of approximately 700m of the site.

The search indicated 3 registered bores within the search area. Copies of the records are attached in the appendices. A brief summary of relevant information is presented below:

Table 2-2: Summary of Groundwater Bores

Reference	Distance from Site (approx.)	Direction & Gradient from Site	Final Depth	Standing Water Level (SWL)	Registered Purpose	Potential Receptor
GW104061	700m	WNW Up-gradient	24.5m	-	Monitoring	No
GW104062	100m	NW Up-gradient	24.4m	17m	Monitoring	No
GW104063	170m	E Up-gradient	27.4m	-	Monitoring	No

A review of the regional geology and groundwater bore information indicates that the subsurface condition at the site is expected to consist of residual soils overlying relatively shallow bedrock. The occurrence of groundwater that could be utilised as a resource for beneficial use is considered to be relatively low under such conditions. A perched aquifer in the subsurface may be present.

2.7 Receiving Water Bodies

The site location and regional topography indicates that excess surface water flow has the potential to enter Eastern Creek located 30m to 60m to the west of the site. This water body can be a potential receptor.

We note that much of the surface water from the site is channelled to a large detention basin via an on-site drainage system. We understand that the retained water is used in the brick manufacturing process.

⁸ Australian Soil Resource Information System: www.asris.gov.au

⁹ <http://www.waterinfo.nsw.gov.au/gw/>

3 **SITE HISTORY INFORMATION**

3.1 **Review of Historical Aerial Photographs**

Historical aerial photographs available at the NSW Department of Lands were reviewed for the assessment. A summary of the relevant information is presented in the following table:

Table 3-1: Summary of Historical Aerial Photos

Year	Details
1947	The site appeared to be located in cleared bushland and occupied by numerous relatively small buildings, structures and stored materials. Approximately 50% of the site was vacant paddock areas. Surrounding areas appeared to be occupied by the easement associated with the Warragamba – Prospect water pipeline to the north, Ferrers Road to the east, bushland and structures to the south and bushland to the west.
1961	The site and surrounding areas generally appeared similar to the 1947 aerial photograph.
1978	The site appeared to be occupied by the existing site buildings and stored materials with the exception of a vacant/grassed area in the vicinity of the existing detention basin. Surrounding areas appeared to be occupied by the easement associated with the Warragamba – Prospect water pipeline to the north, Ferrers Road to the east, vacant/grassed areas and large stockpiles to the south and bushland to the west.
1986	The site appeared similar to the 1978 photograph with the exception of the area in the vicinity of the existing detention basin which appeared to have been excavated and used to store materials. Surrounding areas appeared to be occupied by the easement associated with the Warragamba – Prospect water pipeline to the north, Ferrers Road to the east, vacant/grassed areas and large stockpiles to the south and bushland to the west.
1994	The site and surrounding area generally appeared similar to the 1986 photograph.
2005	The site appeared similar to the 1994 photograph with the exception of the area in the vicinity of the existing detention basin which appeared to have been significantly excavated and partially filled with water. The areas surrounding the basin appeared to have been used to stockpile soil/material. The surrounding area generally appeared similar to the 1994 photograph with the exception of the area to south which had been cleared of bush and used entirely for road infrastructure and stockpiles.
2011 (SIX Maps)	The site and surrounding area generally appeared similar to the 2005 photograph with the exception of the existing detention basin and consolidation of stockpiles into larger/broader areas consistent with the current site layout.

3.2 Review of Land Title Records

Land title records were reviewed for the assessment. The record search was undertaken by Advance Legal Searchers Pty Ltd. Copies of the title records are attached in the appendices.

The title records indicate the following:

- The *Austral Brick Company Proprietary Limited* have owned the site since 1962;
- From 1951 to 1962 the site was owned by Harrie Davis, listed as a grazier;
- Between 1940 to 1951 the site was owned by the *Permanent Trustee Company of New South Wales Limited*;
- From 1909 to 1938 the site was owned by John Henry Smith, grazier; and
- From 1904 to 1909 the site was owned by Herbery Percy Smith, grazier.

3.3 Review of Fairfield City Council Information

3.3.1 Publically Accessible Information

Council records available under the access to public information were reviewed for the assessment. The most significant records included the following:

- November 1960 – Blacktown Council issued approval for the manufacture of bricks and extraction of clay/shale at the brickworks property;
- June 1982 - Fairfield Council issued approval for use of the site for maintenance and storage of engineering equipment associated with a brick manufacturing plant;
- D 577/1997 – Fairfield Council issued approval for continuation of quarrying & rehabilitation;
- 0017/2002 ma – Fairfield council issued approval for additional quarrying and landfill;
- 211/2003 (modification to 577/1997) increase the acceptance of waste to 430,000 tonnes per annum;
- 286.1/2012 – installation of gas pipeline to deliver landfill gas to Plant 3 for brick manufacturing; and
- DA 430/2013 – Fairfield Council issued approval for a solid waste landfill and for the remediation of the extractive industry.

Council records indicate numerous small scale additions and refurbishment including building construction/extension, erection of signage/fences, installation of lighting, installation of a septic tank etc. which are not included in the list above.

We note that a number of records were relevant to the brickworks facility in general (e.g. quarry area, Plant No.1 and No.3) and not associated with the subject site.

3.3.2 Section 149 Planning Certificate

The s149 (2 and 5) planning certificates were reviewed for the assessment. Copies of the certificates are attached in the appendices. The certificate indicates that the site is not deemed to be:

- Within an investigation or remediation area;

- Subject to an investigation or remediation order;
- Subject to a voluntary investigation or remediation order;
- Subject to a Site Audit Statement (SAS);
- The site does not include or comprise of critical habitat; and
- The site does not include a conservation area.

Additional information included on page 17 of the certificate indicated that the site is located in close proximity to an area possibly containing remnant vegetation associated with a Cumberland Plain Endangered Ecological Community.

3.4 WorkCover Records

WorkCover records were reviewed for the assessment. Copies of relevant documents are attached in the appendices.

The search identified licences to store dangerous goods including several underground fuel storage tanks (USTs) at the adjacent Brickworks Plan No 1. The records were not considered to impact the subject site in the vicinity of Brickworks Plan No 2.

3.5 NSW EPA Records

The NSW EPA records available online were reviewed for the assessment. Copies of relevant documents are attached in the appendices. A summary of the relevant information is provided in the following table:

Table 3-2: Summary of NSW EPA Online Records

Source	Details
CLM Act 1997 ¹⁰	There were no notices for the site under Section 58 of the Act.
NSW EPA List of Contaminated Sites ¹¹	The site is not listed on the NSW EPA register.
POEO Register ¹²	Several notices for the site are listed on the POEO register. Licence No. 546 • Scheduled Activities include: Ceramic Works; Crushing; Grinding or Separating; Extractive Activities; and Mining for Minerals. • Fee Based Activities include: Ceramic waste generation, Ceramics production, Crushing, grinding or separating, Land-based extractive activity and Mining for minerals.

¹⁰ <http://www.epa.nsw.gov.au/prclmapp/searchregister.aspx>, visited on 26 March 2015

¹¹ <http://www.epa.nsw.gov.au/clm/publiclist.htm>, visited on 26 March 2015

¹² <http://www.epa.nsw.gov.au/prpoeoapp/>, visited on 26 March 2015

Source	Details
	The remaining records are variations to Licence No. 546. Reference should be made to the attached records for further details.

3.6 Summary of Site History Information

A review of the site history information has indicated the following:

- The aerial photographs indicate that the site has been occupied by large scale industrial buildings since at least 1978;
- The Land Title records indicate that *Austral Brick Company Proprietary Limited* have owned the site since 1962;
- Council records indicate the brickworks property has been used for industrial scale manufacturing bricks and associated extraction of clay/shale since 1960. Approval was also granted for use of the brickworks property as a solid waste landfill and extraction of landfill gas for manufacturing bricks. We note that the records associated with use of the brickworks as a solid waste landfill were not associated with the subject site;
- The s149 (2 and 5) planning certificates did not indicate any records associated with contaminated land records, critical habitat or conservation areas. We note that the additional information section within the certificate stated that an endangered ecological community was located in close proximity to the site;
- WorkCover records did not indicate any licences to store dangerous goods at the subject site; and
- NSW EPA records indicate several scheduled activities associated with the manufacture of bricks and mining.

3.7 Integrity of Site History Information

The majority of the site history information has been obtained from government organisations as outlined above. The veracity of the information from these sources is considered to be relatively high.

A certain degree of information loss can be expected given the age of the development; gap between aerial photographs; and lack of detailed information prior to the 1900's.

4 CONCLUSION

4.1 Areas of Environmental Concern

Based on the scope of work undertaken, EIS have identified the following areas of environmental concern:

- The disused tanks stored on the ground in the vicinity of the proposed new Kiln area. There is the possibility that fuel products may have been spilt in this area;
- The above ground 26,000L diesel storage tank located in the proposed new stockpiles area. There is the possibility that diesel may have impacted the area;
- The proposed large scale earthworks across the site has the potential to generate significant airborne dust and excessive sediment load into nearby water bodies including Eastern Creek; and
- Infilling of the existing detention basin has the potential to introduce large volumes of water into nearby water bodies including Eastern Creek.

We note that the location of the proposed new offices (Kiln office and weighbridge office) were occupied by a large stockpiles at the time of the site inspection.

4.2 Site Suitability for the Proposed Development

EIS consider that the site can be made suitable for the proposed development provided that the following recommendations are implemented:

4.3 Recommendations

EIS recommend the following additional work is undertaken in conjunction with the proposed new development:

1. Undertake targeted soil sampling and analysis in the vicinity of the disused stored tanks and above ground diesel tank;
2. Targeted sampling should be undertaken beneath the footprint of the two proposed offices following site excavation works; and
3. The proposed large scale earthworks should be controlled and managed to minimise dust, water and sediment impacts on the surrounding area.

5 LIMITATIONS

Table 5-1: Report Limitations

-
- EIS accepts no responsibility for any unidentified contamination issues at the site. Any unexpected problems/subsurface features that may be encountered during development works should be inspected by an environmental consultant as soon as possible;
 - Previous use of this site may have involved excavation for the foundations of buildings, services, and similar facilities. In addition, unrecorded excavation and burial of material may have occurred on the site. Backfilling of excavations could have been undertaken with potentially contaminated material that may be discovered in discrete, isolated locations across the site during construction work;
 - This report has been prepared based on site conditions which existed at the time of the investigation; scope of work and limitation outlined in the EIS proposal; and terms of contract between EIS and the client (as applicable);
 - The conclusions presented in this report are based on investigation of conditions at specific locations, chosen to be as representative as possible under the given circumstances, visual observations of the site and immediate surrounds and documents reviewed as described in the report;
 - The preparation of this report have been undertaken in accordance with accepted practice for environmental consultants, with reference to applicable environmental regulatory authority and industry standards, guidelines and the assessment criteria outlined in the report;
 - Where information has been provided by third parties, EIS has not undertaken any verification process, except where specifically stated in the report;
 - EIS has not undertaken any assessment of off-site areas that may be potential contamination sources or may have been impacted by site contamination, except where specifically stated in the report;
 - EIS accept no responsibility for potentially asbestos containing materials that may exist at the site. These materials may be associated with demolition of pre-1990 constructed buildings or fill material at the site;
 - EIS have not and will not make any determination regarding finances associated with the site;
 - Additional investigation work may be required in the event of changes to the proposed development or landuse. EIS should be contacted immediately in such circumstances;
 - Material considered to be suitable from a geotechnical point of view may be unsatisfactory from a soil contamination viewpoint, and vice versa; and
 - This report has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose.
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IMPORTANT INFORMATION ABOUT THIS REPORT

These notes have been prepared by EIS to assist with the assessment and interpretation of this report.

The Report is based on a Unique Set of Project Specific Factors:

This report has been prepared in response to specific project requirements as stated in the EIS proposal document which may have been limited by instructions from the client. This report should be reviewed, and if necessary, revised if any of the following occur:

- The proposed land use is altered;
- The defined subject site is increased or sub-divided;
- The proposed development details including size, configuration, location, orientation of the structures or landscaped areas are modified;
- The proposed development levels are altered, eg addition of basement levels; or
- Ownership of the site changes.

EIS/J&K will not accept any responsibility whatsoever for situations where one or more of the above factors have changed since completion of the assessment. If the subject site is sold, ownership of the assessment report should be transferred by EIS to the new site owners who will be informed of the conditions and limitations under which the assessment was undertaken. No person should apply an assessment for any purpose other than that originally intended without first conferring with the consultant.

Changes in Subsurface Conditions:

Subsurface conditions are influenced by natural geological and hydrogeological process and human activities. Groundwater conditions are likely to vary over time with changes in climatic conditions and human activities within the catchment (e.g. water extraction for irrigation or industrial uses, subsurface waste water disposal, construction related dewatering). Soil and groundwater contaminant concentrations may also vary over time through contaminant migration, natural attenuation of organic contaminants, ongoing contaminating activities and placement or removal of fill material. The conclusions of an assessment report may have been affected by the above factors if a significant period of time has elapsed prior to commencement of the proposed development.

This Report is based on Professional Interpretations of Factual Data:

Site assessments identify actual subsurface conditions at the actual sampling locations at the time of the investigation. Data obtained from the sampling and subsequent laboratory analyses, available site history information and published regional information is interpreted by geologists, engineers or environmental scientists and opinions are drawn about the overall subsurface conditions, the nature and extent of contamination, the likely impact on the proposed development and appropriate remediation measures.

Actual conditions may differ from those inferred, because no professional, no matter how qualified, and no subsurface exploration program, no matter how comprehensive, can reveal what is hidden by earth, rock and time. The actual interface between materials may be far more gradual or abrupt than an assessment indicates. Actual conditions in areas not sampled may differ from predictions. Nothing can be done to prevent the unanticipated, but steps can be taken to help minimise the impact. For this reason, site owners should retain the services of their consultants throughout the development stage of the project, to identify variances, conduct additional tests which may be needed, and to recommend solutions to problems encountered on site.

Assessment Limitations:

Although information provided by a site assessment can reduce exposure to the risk of the presence of contamination, no environmental site assessment can eliminate the risk. Even a rigorous professional assessment may not detect all contamination on a site. Contaminants may be present in areas that were not surveyed or sampled, or may migrate to areas which showed no signs of contamination when sampled. Contaminant analysis cannot possibly cover every type of contaminant which may occur; only the most likely contaminants are screened.

Misinterpretation of Site Assessments by Design Professionals:

Costly problems can occur when other design professionals develop plans based on misinterpretation of an assessment report. To minimise problems associated with misinterpretations, the environmental consultant should be retained to work with appropriate professionals to explain relevant findings and to review the adequacy of plans and specifications relevant to contamination issues.

Logs Should not be Separated from the Assessment Report:

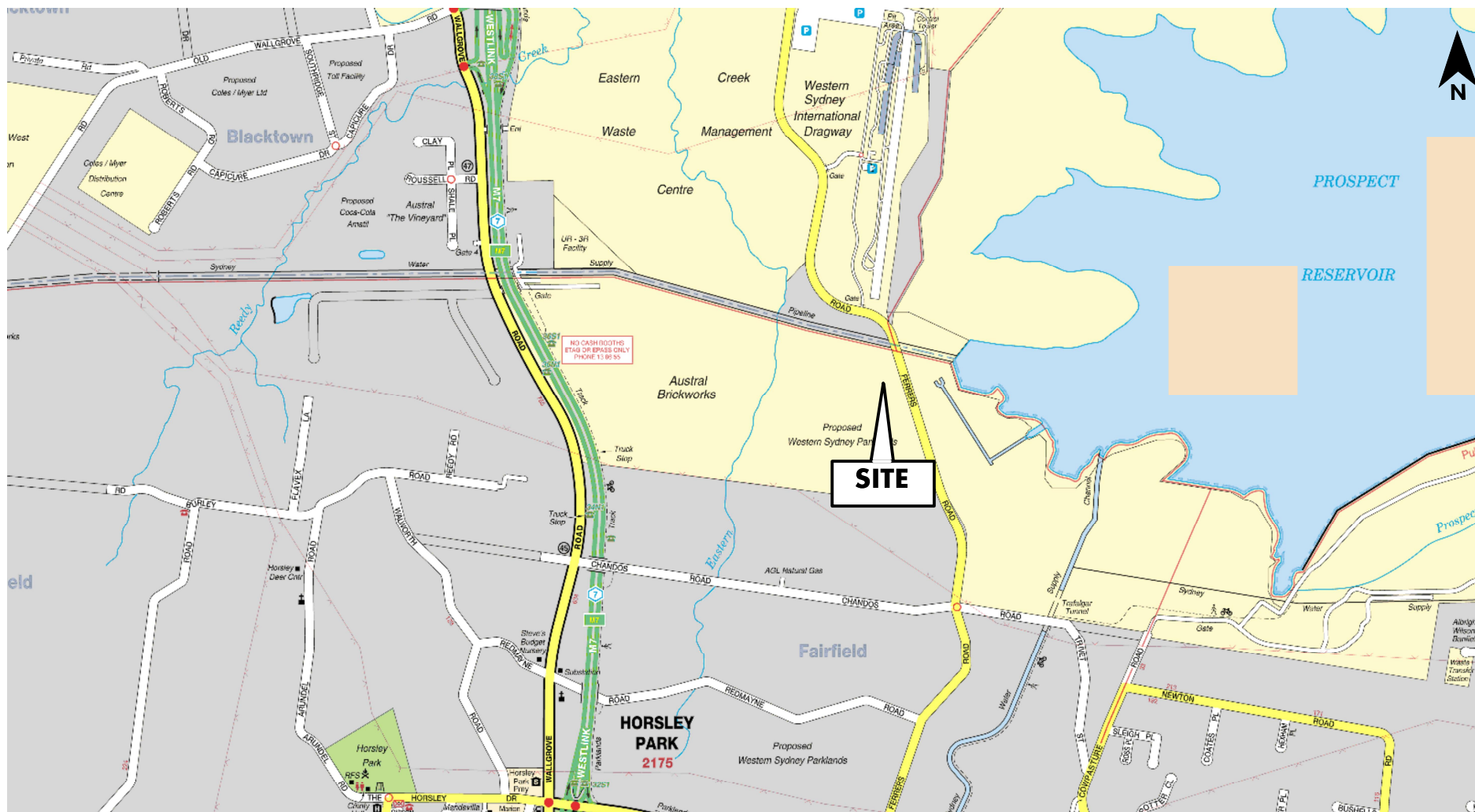
Borehole and test pit logs are prepared by environmental scientists, engineers or geologists based upon interpretation of field conditions and laboratory evaluation of field samples. Logs are normally provided in our reports and these should not be re-drawn for inclusion in site remediation or other design drawings, as subtle but significant drafting errors or omissions may occur in the transfer process. Photographic reproduction can eliminate this problem, however contractors can still misinterpret the logs during bid preparation if separated from the text of the assessment. If this occurs, delays, disputes and unanticipated costs may result. In all cases it is necessary to refer to the rest of the report to obtain a proper understanding of the assessment. Please note that logs with the 'Environmental Log' header are not suitable for geotechnical purposes as they have not been peer reviewed by a Senior Geotechnical Engineer.

To reduce the likelihood of borehole and test pit log misinterpretation, the complete assessment should be available to persons or organisations involved in the project, such as contractors, for their use. Denial of such access and disclaiming responsibility for the accuracy of subsurface information does not insulate an owner from the attendant liability. It is critical that the site owner provides all available site information to persons and organisations such as contractors.

Read Responsibility Clauses Closely:

Because an environmental site assessment is based extensively on judgement and opinion, it is necessarily less exact than other disciplines. This situation has resulted in wholly unwarranted claims being lodged against consultants. To help prevent this problem, model clauses have been developed for use in written transmittals. These are definitive clauses designed to indicate consultant responsibility. Their use helps all parties involved recognise individual responsibilities and formulate appropriate action. Some of these definitive clauses are likely to appear in the environmental site assessment, and you are encouraged to read them closely. Your consultant will be pleased to give full and frank answers to any questions.

REPORT FIGURES



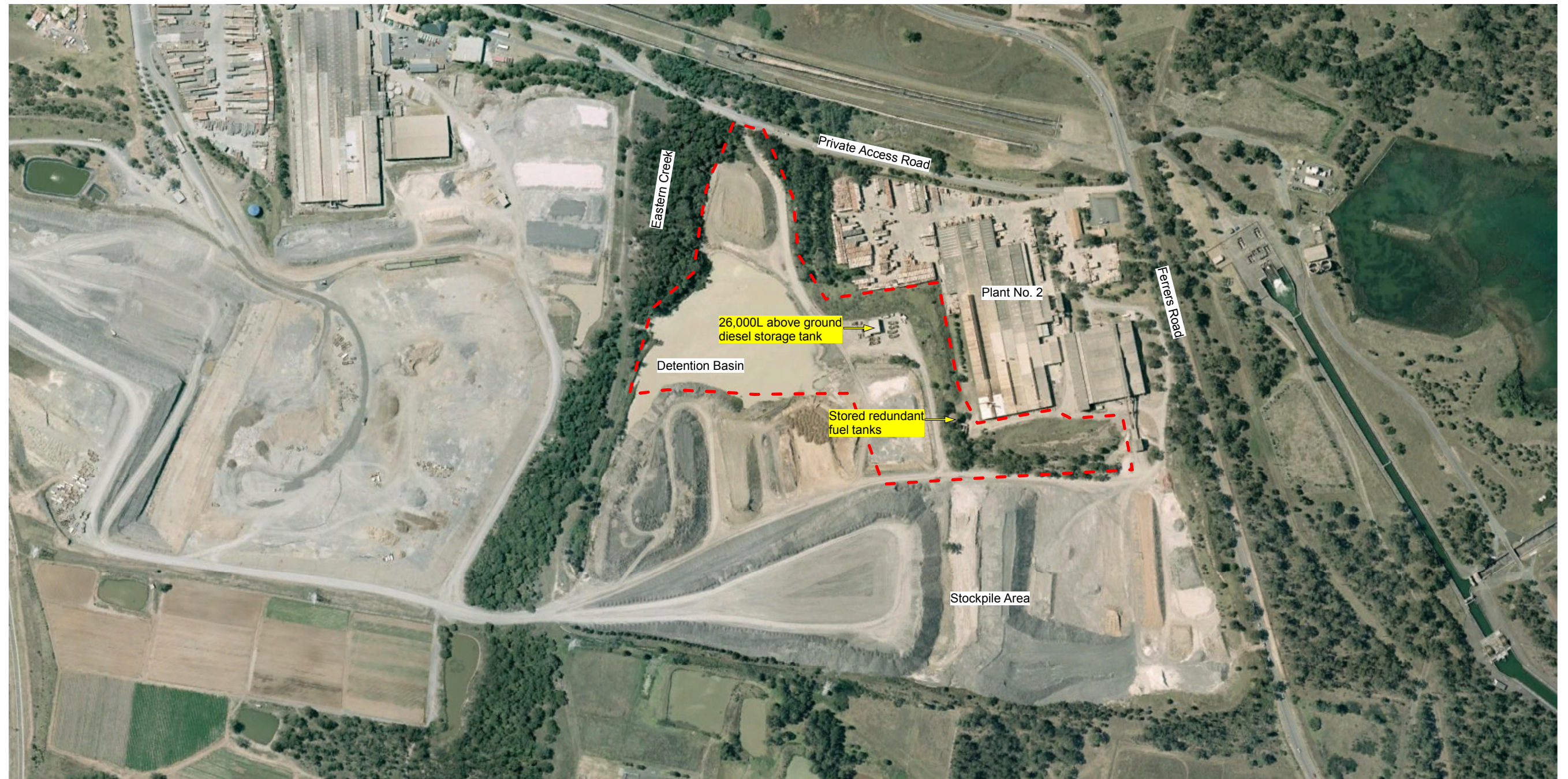
NOTES:

Figure 1 has been recreated from UBD on disc (version 5.0). Figure is not to scale.

UBD Map ref: 207 N9

Reference should be made to the report text for a full understanding of this plan.

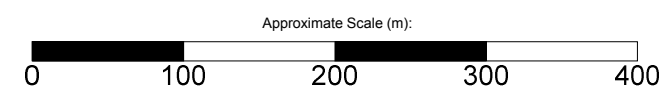
EIS ENVIRONMENTAL INVESTIGATION SERVICES	Project Number: E28117KC	Title: SITE LOCATION PLAN
	Figure: 1	Address: 780 WALLGROVE ROAD, HORSLEY PARK, NSW



NOTES:
Figure has been recreated from Google EarthPro
Reference should be made to the report text for a full understanding of this plan.

LEGEND:

- - - - - Approximate site boundary

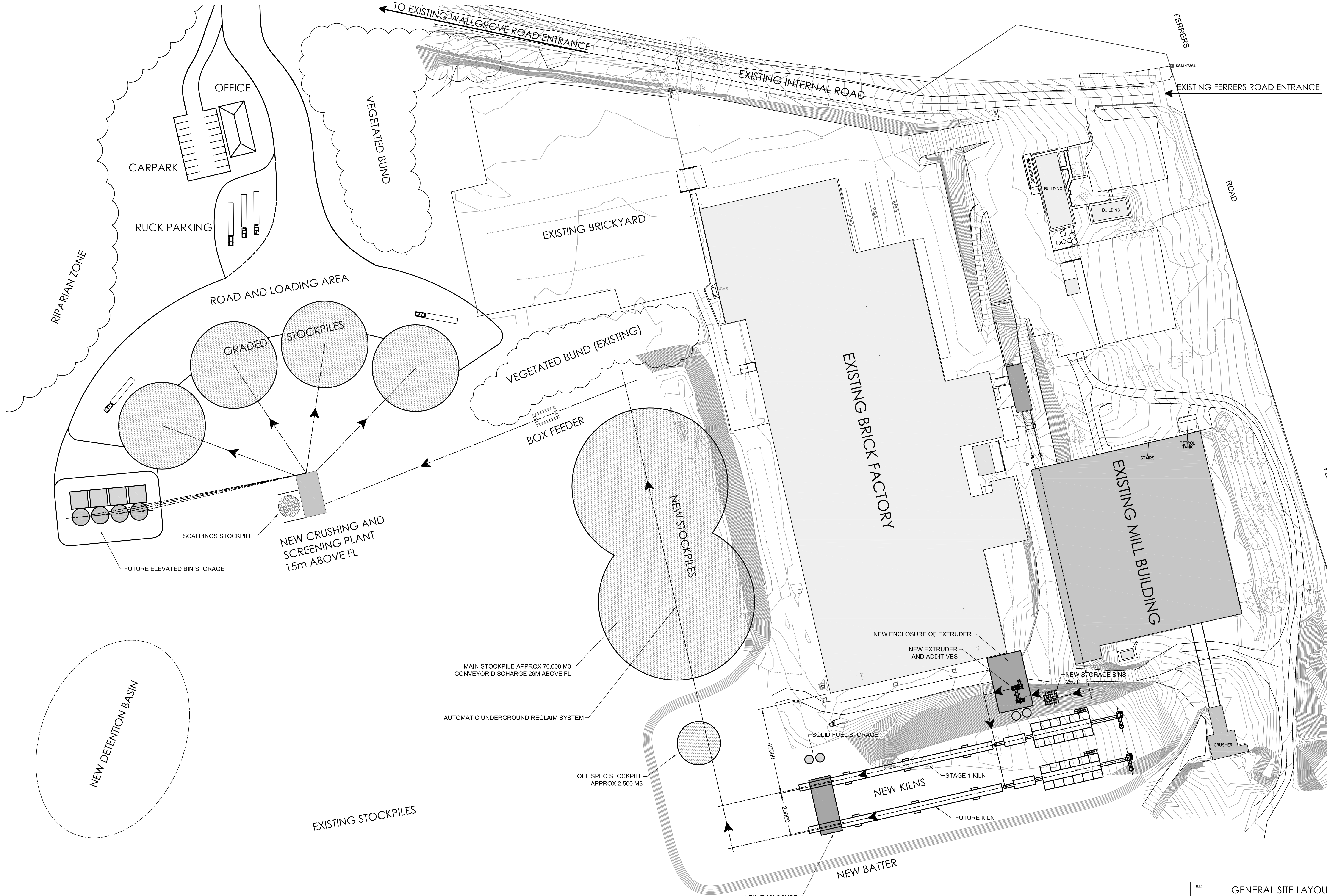


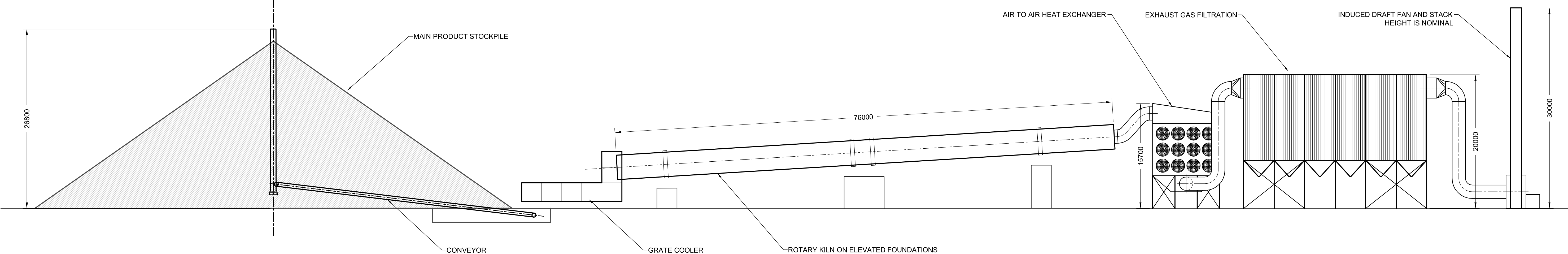
 ENVIRONMENTAL INVESTIGATION SERVICES	Project Number: E28117KC	Title: SAMPLE LAYOUT PLAN
	Figure: 2	Address: 780 WALLGROVE ROAD, HORSLEY PARK, NSW

REPORT APPENDICES

Appendix A: Site Information

Proposed Development Plans





VIEW TO NORTH
Dimensions and details preliminary

TITLE: GENERAL SITE LAYOUT 2 KILN AGGREGATE FACILITY		
DRAWING #: BW-AGG-GL-05		
DRAWN: SAS	DATE: 1.12.14	REV: A
SHEET: 1 of 1	SIZE: A1	SCALE: 1:300

Groundwater Bore Records

[close this window](#)

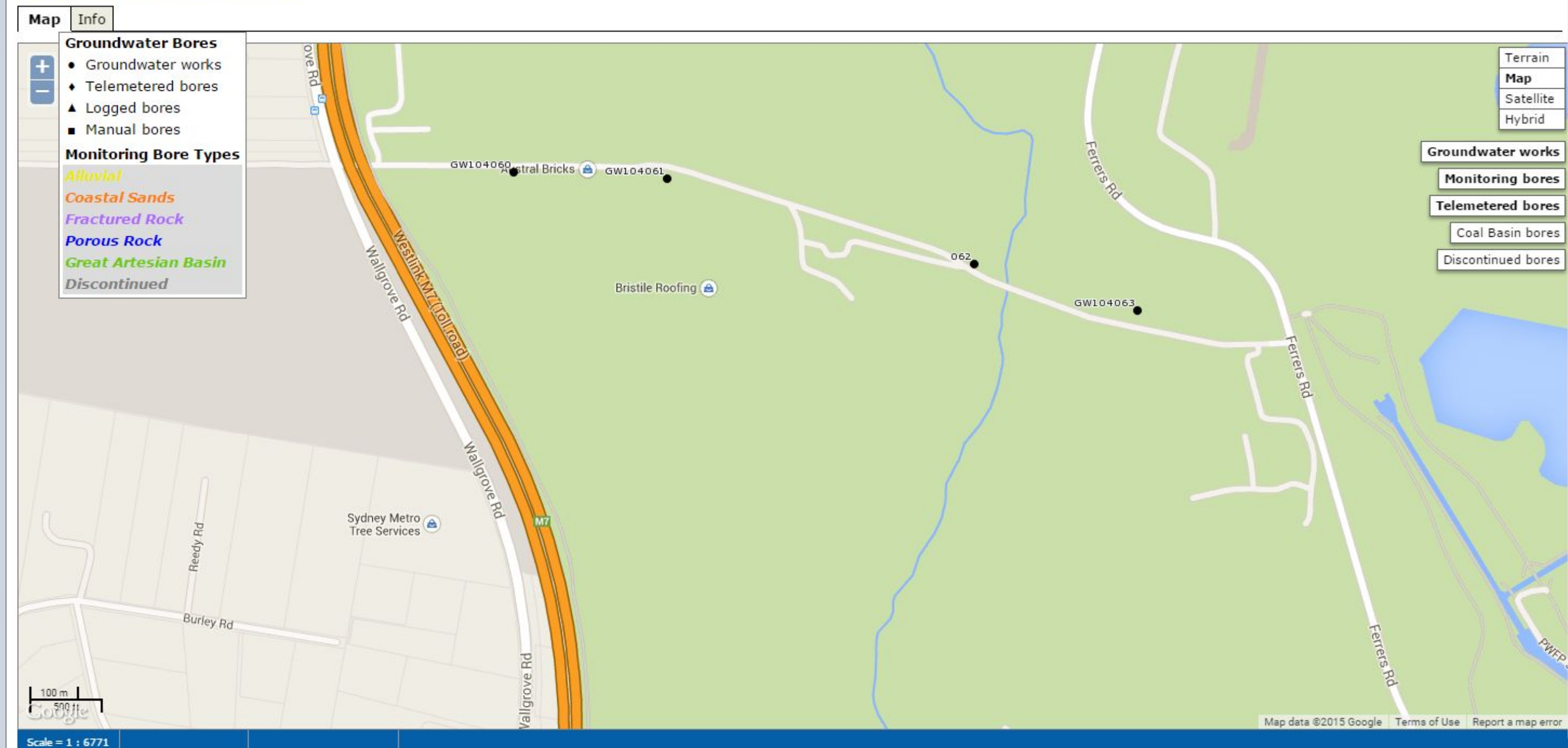
[home](#) · [help](#) · [login](#)
[customise](#)

All Groundwater
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All Groundwater
All Groundwater Map

All data times are Eastern Standard Time

Map Info

+

-

Groundwater Bores

- Groundwater works
- ◆ Telemetered bores
- ▲ Logged bores
- Manual bores

Monitoring Bore Types

- Alluvial
- Coastal Sands
- Fractured Rock
- Porous Rock
- Great Artesian Basin
- Discontinued



NSW Office of Water

Work Summary

GW104061**Licence:** 10BL160233**Licence Status:** ACTIVE**Authorised Purpose(s):** MONITORING BORE**Intended Purpose(s):** MONITORING BORE**Work Type:** Bore**Work Status:****Construct.Method:** Rotary**Owner Type:****Commenced Date:****Completion Date:** 22/08/2001**Final Depth:** 24.50 m**Drilled Depth:** 24.50 m**Contractor Name:** INTERTEC DRILLING
SERVICES**Driller:** William Crump**Assistant Driller:****Property:** THE AUSTRAL BRICKS 780
WALLGROVE RD HORSLEY
PARK 2175 NSW**Standing Water Level:****GWMA:** -
GW Zone: -**Salinity:**
Yield:

Site Details

Site Chosen By:**County**
Form A: CUMBE
Licensed: CUMBERLAND**Parish**
CUMBE.032
MELVILLE**Cadastre**
LT 1 DP 206617
Whole Lot
7//1059698**Region:** 10 - Sydney South Coast**CMA Map:****River Basin:** - Unknown
Area/District:**Grid Zone:****Scale:****Elevation:** 0.00 m (A.H.D.)
Elevation Source: Unknown**Northing:** 6255566.0
Easting: 301820.0**Latitude:** 33°49'17.7"S
Longitude: 150°51'31.1"E**GS Map:** -**MGA Zone:** 0**Coordinate Source:** Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.30	159			Rotary Air
1		Hole	Hole	5.30	24.50	114			Down Hole Hammer
1		Annulus	Waterworn/Rounded	4.50	24.50				Graded
1	1	Casing	Pvc Class 18	-0.10	8.50	60			Screwed
1	1	Casing	P.V.C.	0.00	5.30	140	130		Seated on Bottom
1	1	Opening	Screen	8.50	23.50	60		1	PVC Class 18, Screwed, A: 0.50mm
1	1	Casing	P.V.C.	23.50	24.50	60	50		Seated on Bottom, Screwed

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
----------	--------	---------------	----------	------------	------------	-------------	----------------	---------------	-----------------

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	FILL	Fill	
0.50	1.00	0.50	TOPSOIL	Topsoil	
1.00	6.00	5.00	WEATHERED SILTSTONE	Siltstone	
6.00	24.50	18.50	GREY SHALE	Shale	

Remarks

22/08/2001: Form A Remarks:

GRAVEL PACK: QUANTITY: 160 LITRES

*** End of GW104061 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

NSW Office of Water

Work Summary

GW104062
Licence: 10BL160233

Licence Status: ACTIVE

Authorised Purpose(s): MONITORING BORE

Intended Purpose(s): MONITORING BORE

Work Type: Bore

Work Status:
Construct.Method: Rotary

Owner Type:
Commenced Date:
Completion Date: 23/08/2001

Final Depth: 24.40 m

Drilled Depth: 24.40 m

Contractor Name: INTERTEC DRILLING SERVICES

Driller: William Crump

Assistant Driller:
Property: THE AUSTRAL BRICKS 780 WALLGROVE RD HORSLEY PARK 2175 NSW

Standing Water Level:
GWMA: -
GW Zone: -

Salinity:
Yield:

Site Details

Site Chosen By:
County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
 CUMBE.032
 MELVILLE

Cadastre
 LT 1 DP 206617
 Whole Lot
 7//1059698

Region: 10 - Sydney South Coast

CMA Map:
River Basin: - Unknown
Area/District:
Grid Zone:
Scale:
Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6255420.0
Easting: 302387.0

Latitude: 33°49'22.8"S
Longitude: 150°51'53.1"E

GS Map: -

MGA Zone: 0

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.30	159			Rotary Air
1		Hole	Hole	5.30	24.40	114			Down Hole Hammer
1		Annulus	Waterworn/Rounded	4.40	24.40				Graded
1	1	Casing	P.V.C.	0.00	5.30	140	130		Seated on Bottom
1	1	Casing	Pvc Class 18	1.00	5.40	60			Screwed
1	1	Opening	Screen	5.40	23.40	60		1	PVC Class 18, Screwed, A: 0.50mm
1	1	Casing	P.V.C.	23.40	24.40	60	50		Seated on Bottom, Screwed

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
6.00	11.00	5.00	Unknown	17.00		0.05	24.40		2800.00

Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	0.50	0.50	FILL	Fill	
0.50	4.00	3.50	BROWN CLAY	Clay	
4.00	6.00	2.00	BROWN SHALE	Shale	
6.00	11.00	5.00	GREY SHALE	Shale	
11.00	24.40	13.40	HARD SHALE	Shale	

Remarks

*** End of GW104062 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

NSW Office of Water

Work Summary

GW104063
Licence: 10BL160233

Licence Status: ACTIVE

Authorised Purpose(s): MONITORING BORE

Intended Purpose(s): MONITORING BORE

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Work Status:
Construct.Method: Rotary

Owner Type:
Commenced Date:
Completion Date: 23/08/2001

Final Depth: 27.40 m

Drilled Depth: 27.40 m

Contractor Name: INTERTEC DRILLING SERVICES

Driller: William Crump

Assistant Driller:
Property: THE AUSTRAL BRICKS 780 WALLGROVE RD HORSLEY PARK 2175 NSW

Standing Water Level:
GWMA: -
GW Zone: -

Salinity:
Yield:

Site Details

Site Chosen By:
County
Form A: CUMBE
Licensed: CUMBERLAND

Parish
 CUMBE.032
 MELVILLE

Cadastre
 LT 1 DP 206617
 Whole Lot
 7//1059698

Region: 10 - Sydney South Coast

CMA Map:
River Basin: - Unknown
Area/District:
Grid Zone:
Scale:
Elevation: 0.00 m (A.H.D.)
Elevation Source: Unknown

Northing: 6255343.0
Easting: 302689.0

Latitude: 33°49'25.5"S
Longitude: 150°52'04.7"E

GS Map: -

MGA Zone: 0

Coordinate Source: Unknown

Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

Hole	Pipe	Component	Type	From (m)	To (m)	Outside Diameter (mm)	Inside Diameter (mm)	Interval	Details
1		Hole	Hole	0.00	5.60	159			Rotary Air
1		Hole	Hole	5.60	27.40	114			Down Hole Hammer
1		Annulus	Waterworn/Rounded	8.00	27.40				Graded
1	1	Casing	P.V.C.	0.00	5.60	140	130		Seated on Bottom
1	1	Casing	Pvc Class 18	1.00	8.40	60			
1	1	Opening	Screen	8.40	26.40	60		1	PVC Class 18, Screwed, A: 0.50mm
1	1	Casing	P.V.C.	26.40	27.40	60	50		Seated on Bottom

Water Bearing Zones

From (m)	To (m)	Thickness (m)	WBZ Type	S.W.L. (m)	D.D.L. (m)	Yield (L/s)	Hole Depth (m)	Duration (hr)	Salinity (mg/L)
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Geologists Log

Drillers Log

From (m)	To (m)	Thickness (m)	Drillers Description	Geological Material	Comments
0.00	3.00	3.00	BROWN CLAY	Clay	
3.00	5.00	2.00	GREY CLAY	Clay	
5.00	6.00	1.00	BROWN SHALE	Shale	
6.00	27.40	21.40	GREY SHALE	Shale	

Remarks

*** End of GW104063 ***

Warning To Clients: This raw data has been supplied to the NSW Office of Water by drillers, licensees and other sources. The NOW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.

Appendix B: Site History Information

Land Title Records

24 FEB 2015

ADVANCE LEGAL SEARCHERS PTY LTD

(ACN 147 943 842)
ABN 82 147 943 842

P.O. Box 149
Yagoona NSW 2199

Telephone: +612 9644 1679
Mobile: 0412 169 809
Facsimile: +612 8076 3026
Email: alsearch@optusnet.com.au

22nd February, 2015

ENVIRONMENTAL INVESTIGATION SERVICES
PO BOX 976,
NORTH RYDE BC NSW 1670

Attention: Cameron Hollands,

RE: 780 Wallgrove Road, Horsley Park
Job No. E28117KC

Current Search

Folio Identifier 7/1059698 (title attached)
DP 1059698 (plan attached)
Dated 17th February, 2015
Registered Proprietor:
THE AUSTRAL BRICK COMPANY PROPRIETARY LIMITED

Title Tree
Lot 7 DP 1059698

Folio Identifier 7/1059698

Folio Identifier 2/1042225

See Notes (a), (b) & (c)

(a)

Folio Identifier 1/206617

Cert of Title Volume 9271 Folio 139

Cert of Title Volume 7450 Folio 163

Cert of Title Volume 6884 Folio 140

Cert of Title Volume 6338 Folio 87

Cert of Title Volume 6199 Folio 64

Cert of Title Volume 5385 Folio 119

Cert of Title Volume 5226 Folio 150

Cert of Title Volume 1551 Folio 190

(b)

Folio Identifier 3/235478

Cert of Title Volume 10730 Folio 47

Cert of Title Volume 9271 Folio 140

Cert of Title Volume 7450 Folio 163

Cert of Title Volume 6884 Folio 140

Cert of Title Volume 6338 Folio 87

Cert of Title Volume 6199 Folio 64

Cert of Title Volume 5385 Folio 119

Cert of Title Volume 5226 Folio 150

Cert of Title Volume 1551 Folio 190

(c)

Folio Identifier E/384514

Certificate of Title Volume 6761 Folio 30

Certificate of Title Volume 6338 Folio 87

Certificate of Title Volume 6199 Folio 64

Certificate of Title Volume 5385 Folio 119

Certificate of Title Volume 5226 Folio 150

Certificate of Title Volume 1551 Folio 190

**Summary of proprietor(s)
Lot 7 DP 1059698**

Year	Proprietor
	(Lot 7 DP 1059698)
2004 – todate	The Austral Brick Company Proprietary Limited
	(Lot 2 DP 1042225)
2002 – 2004	The Austral Brick Company Proprietary Limited

See Notes (a), (b) & (c)

Note (a)

	(Lot 1 DP 206617)
1988 – 2002	The Austral Brick Company Proprietary Limited
	(Lot 1 DP 206617 – Area 21 Acres 2 Roods 37 ¼ Perches – CTVol 9271 Fol 139)
1965 – 1988	The Austral Brick Company Proprietary Limited
1962 – 1965	Harrie Davis, grazier
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 350 Acres 0 Roods 26 ½ Perches – CTVol 7450 Fol 163)
1958 – 1962	Harrie Davis, grazier
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 385 Acres 1 Rood – CTVol 6885 Fol 140)
1954 – 1958	Harrie Davis, grazier
	(Lot C DP 371843, part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 243 Acres 1 Rood 33 ¼ Perches – CTVol 6338 Fol 87)
1951 – 1954	Harrie Davis, grazier
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 550 Acres 3 Roods 25 Perches – CTVol 6199 Fol 64)
1951 – 1951	Harrie Davis, grazier
1950 – 1951	Permanent Trustee Company of New South Wales Limited
	(P of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 556 Acres 3 Roods 2 ¾ Perches – CTVol 5385 Fol 119)
1943 – 1950	Permanent Trustee Company of New South Wales Limited
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 573 Acres 1 Rood 5 Perches – CTVol 5226 Fol 150)
1940 – 1943	Permanent Trustee Company of New South Wales Limited
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 596 Acres – CTVol 1551 Fol 190)
1938 – 1940	Permanent Trustee Company of New South Wales Limited
1909 – 1938	John Henry Smith, grazier
1904 – 1909	Herbert Percy Smith, grazier

Note (b)

	(Lot 3 DP 235478)
1988 – 2002	The Austral Brick Company Proprietary Limited
	(Lot 3 DP 235478 – Area 261 Acres 3 Roods 8 ½ Perches – CTVol 10730 Fol 47)
1968 – 1988	The Austral Brick Company Proprietary Limited
	(Lot 2 DP 206617 – Area 261 Acres 3 Roods 10 Perches – CTVol 9271 Fol 140)
1962 – 1968	The Austral Brick Company Proprietary Limited
1962 – 1962	Harrie Davis, grazier
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 350 Acres 0 Roods 26 ½ Perches – CTVol 7450 Fol 163)
1958 – 1962	Harrie Davis, grazier
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 385 Acres 1 Rood – CTVol 6885 Fol 140)
1954 – 1958	Harrie Davis, grazier
	(P of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 243 Acres 1 Rood 33 ¼ Perches – CTVol 6338 Fol 87)
1951 – 1954	Harrie Davis, grazier
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 550 Acres 3 Roods 25 Perches – CTVol 6199 Fol 64)
1951 – 1951	Harrie Davis, grazier
1950 – 1951	Permanent Trustee Company of New South Wales Limited
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 556 Acres 3 Roods 2 ¾ Perches – CTVol 5385 Fol 119)
1943 – 1950	Permanent Trustee Company of New South Wales Limited
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 573 Acres 1 Rood 5 Perches – CTVol 5226 Fol 150)
1940 – 1943	Permanent Trustee Company of New South Wales Limited
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 596 Acres – CTVol 1551 Fol 190)
1938 – 1940	Permanent Trustee Company of New South Wales Limited
1909 – 1938	John Henry Smith, grazier
1904 – 1909	Herbert Percy Smith, grazier

Note (c)

	(Part of Lot E DP 384514)
1987 – 2002	The Austral Brick Company Proprietary Limited
	(Lot E DP 384514 – Area 13 Acres 3 Roods 7 ½ Perches – CTVol 6761 Fol 30)
1965 – 1987	The Austral Brick Company Proprietary Limited
1960 – 1965	Harrie Davis, grazier
1954 – 1960	Domenico Crestani, market gardener
	(Part of Lot C DP 371843, part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 243 Acres 1 Rood 33 ¼ Perches – CTVol 6338 Fol 87)
1953 – 1954	Domenico Crestani, market gardener
1951 – 1953	Harrie Davis, grazier
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 550 Acres 3 Roods 25 Perches – CTVol 6199 Fol 64)
1951 – 1951	Harrie Davis, grazier
1950 – 1951	Permanent Trustee Company of New South Wales Limited
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 556 Acres 3 Roods 2 ¾ Perches – CTVol 5385 Fol 119)
1943 – 1950	Permanent Trustee Company of New South Wales Limited
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 573 Acres 1 Rood 5 Perches – CTVol 5226 Fol 150)
1940 – 1943	Permanent Trustee Company of New South Wales Limited
	(Part of Portions 34, 36, 37, 38 & 39, Parish of Melville, with other lands – Area 596 Acres – CTVol 1551 Fol 190)
1938 – 1940	Permanent Trustee Company of New South Wales Limited
1909 – 1938	John Henry Smith, grazier
1904 – 1909	Herbert Percy Smith, grazier

BOX 48T
(AA886006)

NEW SOUTH WALES

CERTIFICATE OF TITLE

REAL PROPERTY ACT, 1900



TORRENS TITLE

REFERENCE TO FOLIO OF THE REGISTER

IDENTIFIER 7/1059698

EDITION

1

DATE OF ISSUE

2/9/2004

CERTIFICATE AUTHENTICATION CODE

2QYX-44-YGVI

I certify that the person described in the First Schedule is the registered proprietor of an estate in fee simple (or such other estate or interest as is set forth in that Schedule) in the land within described subject to such exceptions, encumbrances, interests and entries as appear in the Second Schedule and to any additional entries in the Folio of the Register.



REGISTRAR GENERAL

LAND

LOT 7 IN DEPOSITED PLAN 1059698
AT HORSLEY PARK
LOCAL GOVERNMENT AREA: FAIRFIELD
PARISH OF MELVILLE COUNTY OF CUMBERLAND
PARISH OF PROSPECT COUNTY OF CUMBERLAND
TITLE DIAGRAM: DP1059698

FIRST SCHEDULE

THE AUSTRAL BRICK COMPANY PROPRIETARY LIMITED

SECOND SCHEDULE

1. RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
2. F773158 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM.
3. F933525 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM.
4. J259850 EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
2412151 EASEMENT VESTED IN THE NEW SOUTH WALES ELECTRICITY TRANSMISSION AUTHORITY
5. M878297 EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
6. P684373 EASEMENT FOR PIPELINE AFFECTING THE PART SHOWN AS PIPELINE EASEMENT ON SHEET 3 DP499004
7. DP235478 RIGHT OF CARRIAGEWAY AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
8. EXCEPTING THEREOUT THE BED OF EASTERN CREEK
9. DP1042225 RIGHT OF CARRIAGEWAY 20 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
DP1072440 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 9 IN DP1059698
10. DP1072440 RESTRICTION(S) ON THE USE OF LAND 30.48 WIDE
11. AA886006 COVENANT

END OF PAGE 1 CONTINUED OVER

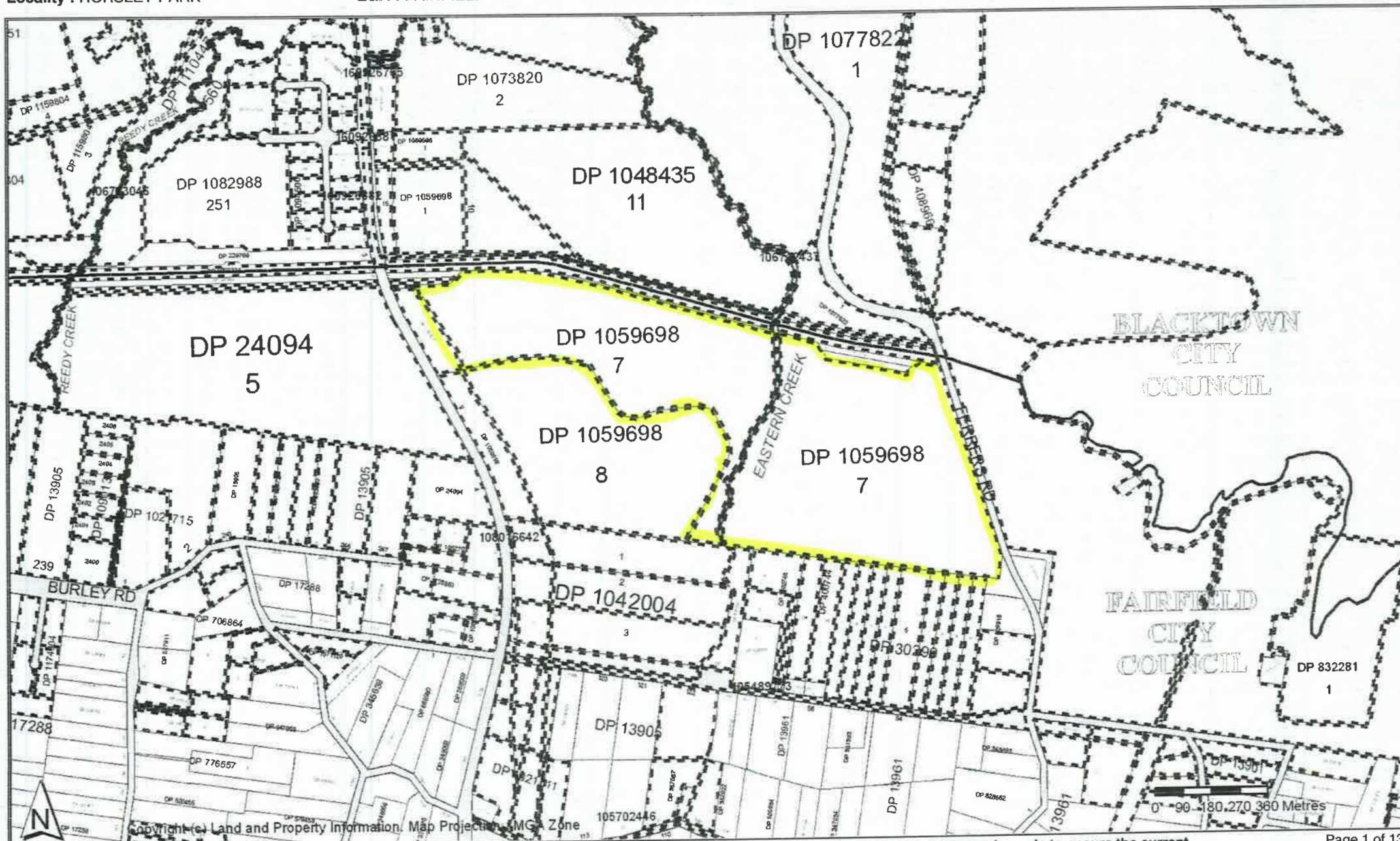
Requested Parcel : Lot 7 DP 1059698

Identified Parcel : Lot 7 DP 1059698

LGA : FAIRFIELD

Parish : PROSPECT

County : CUMBERLAND





Advance Legal Searchers Pty Ltd hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act.

Information provided through Tri-Search an approved LPINSW Information Broker

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 7/1059698

SEARCH DATE	TIME	EDITION NO	DATE
17/2/2015	10:55 PM	1	2/9/2004

LAND

LOT 7 IN DEPOSITED PLAN 1059698

AT HORSLEY PARK

LOCAL GOVERNMENT AREA FAIRFIELD

PARISH OF MELVILLE COUNTY OF CUMBERLAND

PARISH OF PROSPECT COUNTY OF CUMBERLAND

TITLE DIAGRAM DP1059698

FIRST SCHEDULE

THE AUSTRAL BRICK COMPANY PROPRIETARY LIMITED

SECOND SCHEDULE (16 NOTIFICATIONS)

- 1 RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- 2 F773158 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM.
- 3 F933525 COVENANT AFFECTING THE PART SHOWN SO BURDENED IN THE TITLE DIAGRAM.
- 4 J259850 EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
2412151 EASEMENT VESTED IN THE NEW SOUTH WALES ELECTRICITY TRANSMISSION AUTHORITY
- 5 M878297 EASEMENT FOR TRANSMISSION LINE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- 6 P684373 EASEMENT FOR PIPELINE AFFECTING THE PART SHOWN AS PIPELINE EASEMENT ON SHEET 3 DP499004
- * 7 S500577 CAVEAT BY MINISTER ADMINISTERING THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS REGARDS THE PART FORMERLY IN 3/235478
- 8 DP235478 RIGHT OF CARRIAGEWAY AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- * 9 T149761 CAVEAT BY MINISTER ADMINISTERING THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS REGARDS THE PART FORMERLY IN E/384514
- * 10 T913293 CAVEAT BY MINISTER ADMINISTERING THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979 AS REGARDS THE PART FORMERLY IN 3/235478
- * 11 2328003 CAVEAT BY THE MINISTER ADMINISTERING THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979
- * 12 EXCEPTING THEREOUT THE BED OF EASTERN CREEK
- 13 DP1042225 RIGHT OF CARRIAGEWAY 20 METRE(S) WIDE AFFECTING THE

END OF PAGE 1 - CONTINUED OVER

EIS - Horsley Par

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FOLIO: 7/1059698

PAGE 2

SECOND SCHEDULE (16 NOTIFICATIONS) (CONTINUED)

PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
DP1072440 EASEMENT RELEASED IN SO FAR AS IT BENEFITS LOT 9
IN DP1059698

- 14 DP1072440 RESTRICTION(S) ON THE USE OF LAND 30.48 WIDE
- 15 AA886006 COVENANT
- * 16 AI64704 PROPOSED ACQUISITION PURSUANT TO SECTION 11 LAND
ACQUISITION (JUST TERMS COMPENSATION) ACT, 1991
AFFECTING AN EASEMENT.

NOTATIONS

DP641567 NOTE: PLAN OF PROPOSED EASEMENT FOR TRANSMISSION LINE
DP1002746 NOTE: PLAN OF PROPOSED EASEMENT FOR CATHODIC PROTECTION
PURSUANT TO THE PIPELINES ACT 1967
6601551 NOTE: PIPELINE EASEMENT(S) IN DP1002746 NOW VESTED GAZ
4.2.2000 FOL 705
DP1156446 NOTE: PLAN OF PROPOSED EASEMENT FOR TRANSMISSION LINE 110
WIDE & VARIABLE
DP1175229 NOTE: PLAN OF PROPOSED EASEMENT FOR TRANSMISSION LINE 60
WIDE & VARIABLE
AI276151 NOTE: ENERGY TRANSMISSION EASEMENT COMPRISED WITHIN THE SITE
OF THE "PROPOSED EASEMENT TRANSMISSION LINE 60 WIDE AND VARIABLE"
AND DESIGNATED (PE) SHOWN IN DP1175229 ACQUIRED FOR THE PURPOSES
OF TRANSGRID GAZ. 20.12.2013 FOL. 5976
UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 10:56PM

FOLIO: 7/1059698

First Title(s): OLD SYSTEM
Prior Title(s): 2/1042225

Recorded	Number	Type of Instrument	C.T. Issue
15/10/2003	DP1059698	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
2/9/2004	AA886006	TRANSFER	FOLIO CREATED EDITION 1
20/10/2010	DP1156446	DEPOSITED PLAN	
16/5/2012	DP1175229	DEPOSITED PLAN	
8/8/2013	AH934217	DEPARTMENTAL DEALING	
8/1/2014	AI276151	DEPARTMENTAL DEALING	
3/3/2014	AI64704	REQUEST	

*** END OF SEARCH ***

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 10:57PM

FOLIO: 2/1042225

First Title(s): OLD SYSTEM

Prior Title(s): 1/206617

3/235478

E/384514

Recorded	Number	Type of Instrument	C.T. Issue
11/7/2002	DP1042225	DEPOSITED PLAN	FOLIO CREATED EDITION 1
15/10/2003	DP1059698	DEPOSITED PLAN	
3/12/2003	AA160005	REQUEST	
31/8/2004	DP1072440	DEPOSITED PLAN	
2/9/2004	AA886002	WITHDRAWN - REQUEST	
2/9/2004	AA886004	UNNECESSARY - REQUEST	
2/9/2004	AA885998	WITHDRAWAL OF CAVEAT	
2/9/2004	AA885999	WITHDRAWAL OF CAVEAT	
2/9/2004	AA886000	WITHDRAWAL OF CAVEAT	
2/9/2004	AA886001	WITHDRAWAL OF CAVEAT	
2/9/2004	AA886003	REQUEST	
2/9/2004	AA886006	TRANSFER	FOLIO CANCELLED

*** END OF SEARCH ***

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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 10:58PM

FOLIO: 1/206617

First Title(s): SEE PRIOR TITLE(S)

Prior Title(s): VOL 9271 FOL 139

Recorded	Number	Type of Instrument	C.T. Issue
4/6/1987		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
27/5/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
13/4/1994		AMENDMENT: LOCAL GOVT AREA	
7/8/1996	2328003	CAVEAT	
11/2/1999		AMENDMENT: LOCAL GOVT AREA	
25/2/1999		AMENDMENT: LOCALITY NAME	
25/2/1999		AMENDMENT: TITLE DIAGRAM	
11/7/2002	DP1042225	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

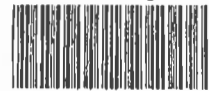
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PRINTED ON 17/2/2015

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M
NEW SOUTH WALES
(For Grant and title reference
prior to first edition see
Deposited Plan.)

CERTIFICATE OF TITLE
PROPERTY ACT, 1900, as amended.



09271139



Vol. **0271** Fol. **139**

1st Edition issued 17-9-1962.

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

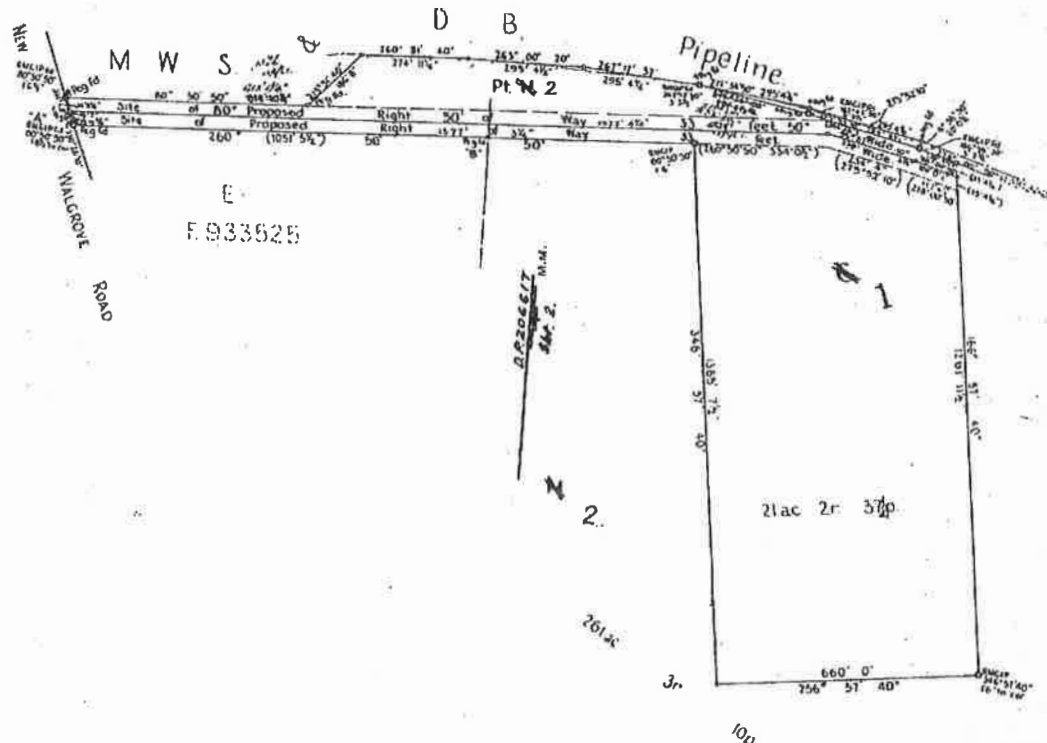
Witness

P. Brown

CANCELLED
Jawatson
Registrar-General.
SEE AUTO FOLIO



PLAN SHOWING LOCATION OF LAND



ESTATE AND LAND REFERRED TO.

Estate in Fee Simple in Lot 1 in Deposited Plan 206617 in the Municipality of Blacktown Parish of Melville and County of Cumberland.

FIRST SCHEDULE (Continued overleaf)

HARRIE DAVIS, of Guildford, Grazier.

Jawatson
Registrar General.

SECOND SCHEDULE (Continued overleaf)

1. Reservations and conditions, if any, contained in the Crown Grant(s) referred to in the said Deposited Plan.

Jawatson
Registrar General.

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR-GENERAL ARE CANCELLED.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE.

0271 Fol 139

vol.

CANCELLED

SEE AUTO FOLIO

RT

NOF



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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 10:59PM

FOLIO: 3/235478

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 10730 FOL 47

Recorded	Number	Type of Instrument	C.T. Issue
5/6/1987		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
6/7/1987		AMENDMENT: PARISH-COUNTY	
23/3/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
5/6/1989	Y411360	DEPARTMENTAL DEALING	
13/4/1994		AMENDMENT: LOCAL GOVT AREA	
7/8/1996	2328003	CAVEAT	
29/8/1996	2412151	REQUEST	
20/12/1999	DP1002746	DEPOSITED PLAN	
25/2/2000	6596479	DEPARTMENTAL DEALING	
28/2/2000	6601551	DEPARTMENTAL DEALING	
14/9/2000	7089785	DEPARTMENTAL DEALING	
10/7/2002	8758041	DEPARTMENTAL DEALING	
11/7/2002	DP1042225	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

EIS - Horsley Par

PRINTED ON 17/2/2015

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NEW SOUTH WALES

CERTIFICATE OF TITLE
REALTY ACT, 1900, as amended.



10730047

Applications Nos. 13074 and 19307
Prior Title Volume 9271 Folio 140

Vol. 10730 Fol. 47



EH

Edition issued 6-2-1968

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

Witness

[Signature]

[Signature]
CANCELLED
Registrar General.

10730 Fol. 47
(Page 1) Vol.

ESTATE AND LAND REFERRED TO

SEE AUTO FOLIO

Estate in Fee Simple in Lot 3 in Deposited Plan 235478 at Wallgrove in the Municipality of Blacktown Parishes of Melville and Prospect and County of Cumberland being the lands granted by the Crown Grants set out in the Schedule hereunder. EXCEPTING THEREOUT the bed of Eastern Creek shown in the plan hereon.

SCHEDULE OF GRANTS.

Number of Portion	Name of Grantee	Date of Grant.
Pt.34	Issac Mason	17 - 8 - 1819
Pt.36	William Bowman	17 - 8 - 1819
Pt.37	George Bowman	17 - 8 - 1819
Pt.38	Andrew Thompson	17 - 8 - 1819
Pt.39	Julia McNally	17 - 8 - 1819
Pt.79	Samuel Terry	17 - 8 - 1819
Pt.222	Thomas Howard	17 - 8 - 1819

FIRST SCHEDULE (continued overleaf)

THE AUSTRAL BRICK COMPANY PROPRIETARY LIMITED.

[Signature]
Registrar General.

SECOND SCHEDULE (continued overleaf)

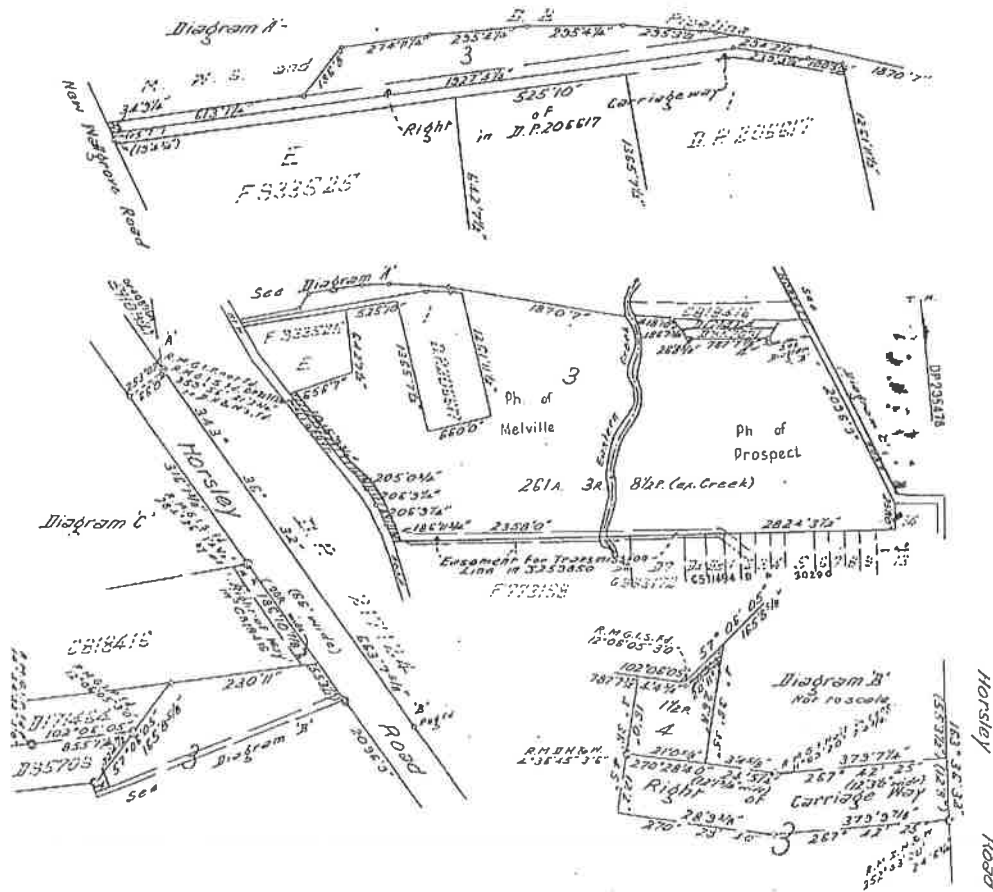
- GRY
RW 1. Reservations and conditions, if any, contained in the Crown Grants above referred to.
2. Right of Way created by Transfer No. C818416 appurtenant to that part of the land above described in the Parish of Prospect affecting the piece of land shown as "Right of Way in C818416" in plan hereon.
CV 3. Covenant created by Transfer No. F773158 affecting part.
ET(58) 4. Easement for Transmission Line created by Notice of Resumption No. J259850 affecting the part of the land above described shown as "Easement for Transmission Line in J259850" in plan hereon.
EC(58) 5. Right of Carriageway affecting the part of the land above described 12 feet 1 1/2 inches wide and 12 feet 3 1/2 inches wide shown in plan hereon created by the registration of Deposited Plan 235478. See K920896.

[Signature]
Registrar General.

PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

WARNING: THIS DOCUMENT MUST NOT BE REMOVED FROM THE LAND TITLES OFFICE.

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED.



FIRST SCHEDULE (continued)					
REGISTERED PROPRIETOR			INSTRUMENT		Signature of Registrar General
			NATURE	NUMBER	
CANCELLED					
SEE AUTO FOLIO					

27E
 4137267
 1873415
 D.P. 234606
 22 8 2 2 5
 1128 2007 2015
 DP 499004514
 Pp. 414, 116
 E (Lot)
 P684373 SL 46
 Pp. 616, 618
 S50057714
 T913293 X

SECOND SCHEDULE (continued)							
	INSTRUMENT			PARTICULARS	ENTERED	Signature of Registrar General	CANCELLATION
	NATURE	NUMBER	DATE				
	Restraint on Power	4137267	8.8.1968	of land shown, hatched blocks in the plan heron/ being lots 7 and 10 D.P. 234606 - Section 27(1)(b) Major Roads Act 1924-1967	17.10.1968	<i>Justation</i>	
ET	Transfer	M878297P	21-8-1972	Easement for transmission line as more fully set out in the said instrument affecting that part of the land within described shown as "Proposed Easement for transmission line 30' wide & variable width" in plan lodged with Transp. M878297	23.10.1972	<i>Justation</i>	
EP	Application	P684373P		Incement for Hypothec affecting part of the land within described shown as "Hypothec Easement 24.385 metres wide" on sheet 3-D.P. 499004	2-6-1976	<i>Justation</i>	
				The vesting is limited to a depth of 20 metres below the surface			
X	S500577P			Caveat by Minister Administering the Environmental Planning and Assessment Act, 1979. Registered 4-6-1981		<i>Justation</i>	
X	T913293P			Caveat by Minister Administering the Environmental Planning and Assessment Act, 1979. Registered 29-12-1983		<i>Justation</i>	

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

(Page 4 of 4 pages)

REGISTERED PROPRIETOR

CANCELLED

PARTICULARS

Restrictions:

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

M

NEW SOUTH WALES

(For Grant and title reference
prior to first edition see
Deposited Plan.)

CERTIFICATE OF TITLE
PROPERTY ACT, 1900, as amended.



Vol. 9271 Fol. 140

CANCELLED

1st Edition issued 17-9-1962.

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions covenances and interests as are shown in the Second Schedule.

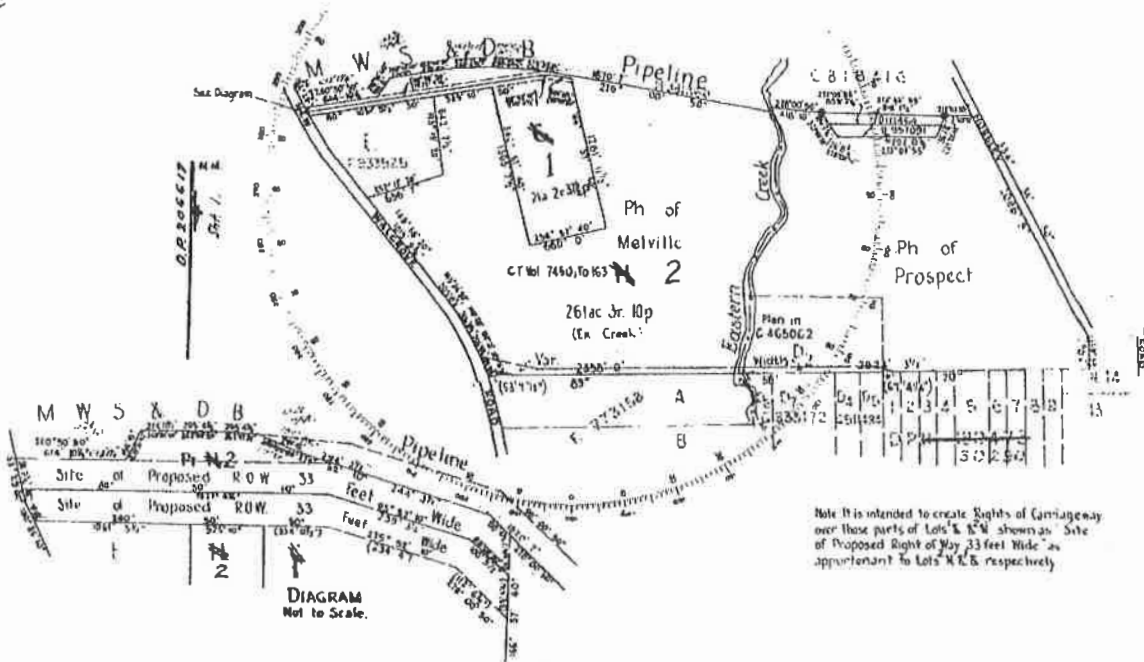
Witness

P. Brown

Jawatson
Registrar-General.



PLAN SHOWING LOCATION OF LAND



ESTATE AND LAND REFERRED TO.

Estate in Fee Simple in Lot 2 in Deposited Plan 206617 in the Municipality of Blacktown Parishes of Melville and Prospect and County of Cumberland excepting thereout that part of the bed of Eastern Creek shown in the plan hereon.

FIRST SCHEDULE (Continued overleaf)

~~HARRIE DAVIS, of Mildford, Gravier~~

Jawatson
Registrar General.

SECOND SCHEDULE (Continued overleaf)

1. Reservations and conditions, if any, contained in the Crown Grant(s) referred to in the said Deposited Plan.
2. Right of way created by Transfer No. C818416 appurtenant to that part of the land above described in the Parish of Prospect affecting the piece of land shown as right of access 20 feet wide in plan lodged with Transfer No. C818416.
3. Covenant created by Transfer No. F773158 affecting part.

Jawatson
Registrar General.

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR-GENERAL ARE CANCELLED.

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FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR	INSTRUMENT			ENTERED	Signature of Registrar-General
	NATURE	NUMBER	DATE		
<i>The Austral Brick Company Proprietary Limited.</i> This deed is cancelled as to <i>the whole</i> New Certificates of Title have been issued for lots in <i>Deposited</i> plan No. <i>235478</i> as follows:- lots <i>3, 2, 4</i> Vol. <i>10730</i> Fol. <i>7248</i> respectively <i>Janatson</i> REGISTRAR GENERAL 	<i>Transfer</i>	<i>FH885308</i>	<i>28-9-1962</i>	<i>29-10-1962</i>	<i>Janatson</i>

SECOND SCHEDULE (continued)

NATURE	INSTRUMENT		PARTICULARS	ENTERED	Signature of Registrar-General	CANCELLATION	
	NUMBER	DATE					
<i>Resumption</i>	<i>5259850</i>		<i>Easement for transmission line affecting the parcel and shown by broken line and variable width in the plan shown</i>	<i>12-3-1964</i>	<i>Janatson</i>		
<i>Mortgage</i>	<i>5264924</i>	<i>29-10-1962</i>	<i>to the Commercial Banking Company of Sydney Limited.</i>	<i>12-3-1964</i>	<i>Janatson</i>	<i>Cancelled</i>	<i>K714566</i>
	<i>K920896</i>		<i>Interests created pursuant to Section 85B Conveyancing Act, 1919, by the registration of Deposited Plan 235478 sub K 920896</i>	<i>11-1-1968</i>			



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LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

17/2/2015 11:00PM

FOLIO: E/384514

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 6761 FOL 30

Recorded	Number	Type of Instrument	C.T. Issue
2/9/1989		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
9/7/1997		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
9/4/2001	7532548	DEPARTMENTAL DEALING	
11/7/2002	DP1042225	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

EIS - Horsley Par

PRINTED ON 17/2/2015

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PLAN FORM 2

SIGNATURES AND SEALS ONLY

FOR
SIGNATURES
AND SEALS SEE
SIGNATURES
FORM

THIS PLAN IS EXEMPT FROM SUBDIVISION
CERTIFICATION PURSUANT TO A DECISION
BETWEEN D.O.P., N.T.A. AND L.P.I.N.S.W.
-SEE ITEM 21 - LAND IN THIS PLAN
COMPRISES ONLY ROAD OR ROAD AND
RESERVE

SEE SIGNATURES FORM

AUTHORISED OFFICER
ROADS AND TRAFFIC AUTHORITY NSW

Crown Lands Office Approval

PLAN APPROVED: ☐ Authorised Officer
Land District: ☐
Paper No: ☐
Field Book: ☐

Subdivision Certificate

I certify that the provisions of s 400 of the Environmental
Planning and Assessment Act 1979 have been satisfied
in relation to the proposed

☐ Create ☐ Subdivision of ☐ Road ☐ Not Not Not

Authorised Person/General Manager/Authorised Officer

Consent Authority

Date of Consent

Authorisation No.

Subdivision Certificate No.

File No.

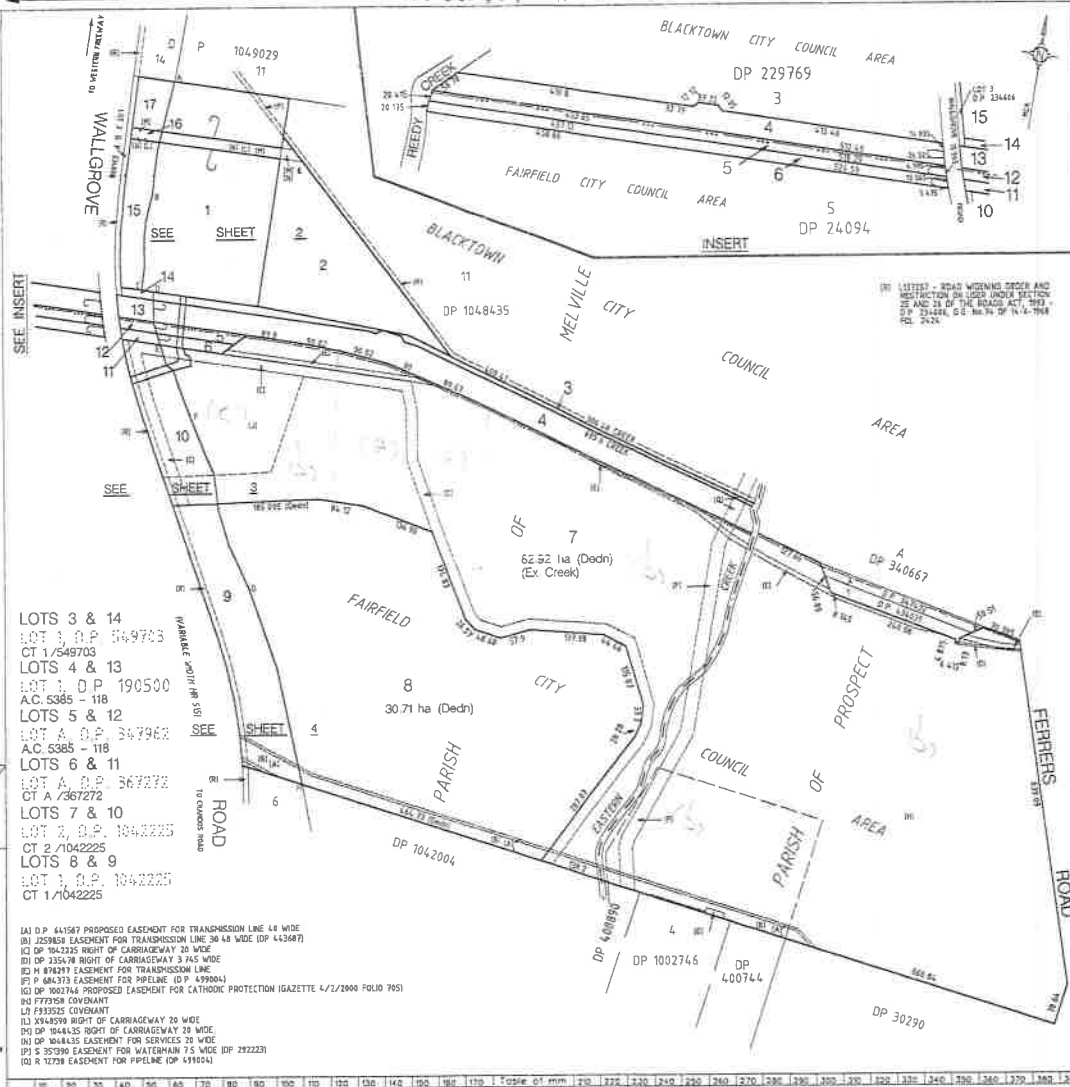
Notes: when the plan is to be lodged electronically in the Land Title
Office, it should include a signature in an electronic or digital
format approved by the Registrar-General.

Scale: whichever is applicable

SURVEYOR'S REFERENCE: 10524, SP 3111 (RTA)

Plan Drawing only to appear in this space

e-plan • OFFICE USE ONLY



DP1059698

Registered: 15-10-2003

Title System: TORRENS

Purpose: ROADS ACT, 1963

Ref. Map: U8252-5

Lost Plan: DP190500, DP347962, DP367272, DP549703, DP778564, DP1042225, DP1048435

PLAN OF LAND TO BE ACQUIRED
FOR THE PURPOSES OF THE
ROADS ACT, 1963.

Latitude & Longitude: 33° 55' 15" S, 151° 15' 15" E

L.G.A.: BLACKTOWN CITY AND FAIRFIELD CITY

Locality: EASTERN CREEK / HORSLEY PARK

Parish: MELVILLE / PROSPECT

County: CUMBERLAND

This is sheet 1 of my plan in 4 sheets.
(Delete if not applicable)

Surveying Regulation 2001

Surveyor: JOHN BROWN
of HANNAH SMITH & CO. IN. HOBART
a surveyor registered under the Surveying Act,
2002, hereby certifies that the survey represented
in this plan is a true and correct copy of the
original survey and has been made in
accordance with the Surveying Regulations 2001
and was completed on 12th JULY 2003.

This survey is subject to the provisions of the
SURVEYING ACT, 2002 and the SURVEYING
REGULATIONS 2001. The survey is not to be
used for any purpose other than the purpose
for which it was made.

(Signature) - SEE SIGNATURES FORM.

Date: 15/10/2003 RTA F.B. 6009 040 PP 0020

Plans used in preparation of Survey/Completion:

D.P. 104794	D.P. 347962
D.P. 778564	D.P. 234606
D.P. 1042225	D.P. 190500
D.P. 1042004	D.P. 1033314
D.P. 549703	D.P. 367272
D.P. 1048435	D.P. 1048435

PANEL FOR USE ONLY of intention to dedicate
public roads, to create public reserves,
drainage reserves, easements, restrictions on
the use of land or positive covenants.

LOT 3, DP 234606 AND
LOTS 9 TO 17 INCLUSIVE ARE REQUIRED FOR
FREEWAY UNDER SECTION 48 OF THE
ROADS ACT 1993

ACCESS WILL BE RESTRICTED ACROSS

THE BOUNDARY MARKED

A-B-C-D-E-F-G-H

ACCESS WILL BE AVAILABLE ACROSS

THE FREEWAY BY A GRADE SEPARATED

ROAD BETWEEN D-E

APPROVED

SEE SIGNATURES FORM

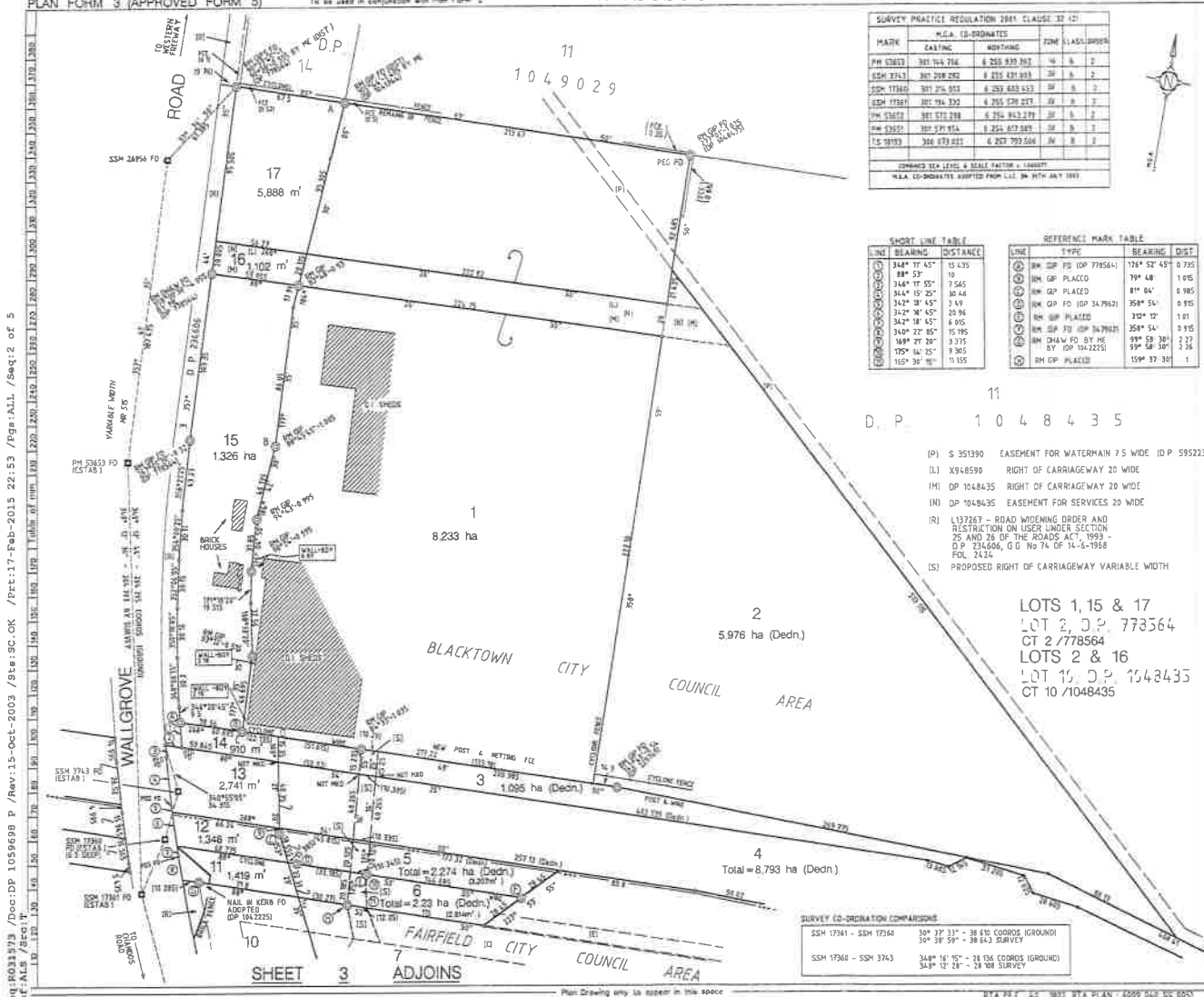
MANAGER, SURVEY SERVICES OPERATIONS

ROADS AND TRAFFIC AUTHORITY NSW

RTA FILE: 15 7852
RTA PLAN: 6009 040 SP 0051

Reg: P031573 / Doc: DP 1059698 P / Rev: 15-Oct-2003 / Sta: SC OK / Pct: 17-Feb-2015 22:53 / Pgs: ALL / Seq: 1 of 5
Ref: AL5 / Arc: T

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION



SURVEY PRACTICE REGULATION 2001, CLAUSE 33 (2)				
MARK	M.L.A. CO-ORDINATES		ZONE	
	EASTING	NORTHING		
PM 1363	301 144 716	6 255 830 763	46	6
SSM 1731	301 200 282	6 255 431 803	46	6
SSM 1736	301 275 915	6 255 430 833	46	6
SSM 1736	301 274 392	6 255 430 827	46	6
PM 1365	301 575 238	6 255 863 279	46	6
PM 1365	301 571 954	6 255 863 285	46	6
TS 1893	346 673 021	6 257 793 586	46	6

SHORT LINE TABLE		
LINE	BEARING	DISTANCE
1	344° 11' 45"	15.435
2	88° 55'	10
3	344° 11' 55"	7.545
4	344° 15' 25"	30.46
5	342° 18' 45"	3.44
6	342° 18' 45"	29.96
7	342° 18' 45"	6.915
8	340° 27' 05"	15.195
9	169° 27' 20"	3.375
10	175° 16' 25"	3.365
11	105° 30' 00"	11.155

REFERENCE MARK TABLE			
LINE	TYPE	BEARING	DIST.
1	RM G.P. (OP 778564)	124° 52' 45"	0.735
2	RM G.P. PLACED	79° 44'	1.075
3	RM G.P. PLACED	81° 44'	1.965
4	RM G.P. (OP 347963)	358° 54'	0.975
5	RM G.P. PLACED	312° 12'	1.01
6	RM G.P. (OP 347963)	358° 54'	0.975
7	RM (D.M.W. FO. BY HE 151 (OP 1042225)	99° 58' 30"	2.27
8	RM G.P. PLACED	159° 37' 31"	1

- 11
D.P. 1048435
- (P) S 351390 EASEMENT FOR WATERMAIN 7.5 WIDE (D.P. 595223)
(L) X948590 RIGHT OF CARRIAGEWAY 20 WIDE
(M) DP 1048435 RIGHT OF CARRIAGEWAY 20 WIDE
(N) DP 1048435 EASEMENT FOR SERVICES 20 WIDE
(R) 137267 - ROAD WIDENING ORDER AND RESTRICTION ON USER UNDER SECTION 25 AND 26 OF THE ROADS ACT, 1993 - D.P. 236406, C. No 74 OF 14-5-1998 FOL 2424
(S) PROPOSED RIGHT OF CARRIAGEWAY VARIABLE WIDTH

LOTS 1, 15 & 17
LOT 2, D.P. 778564
CT 2/778564
LOTS 2 & 16
LOT 15, D.P. 1048435
CT 10/1048435

SURVEY CO-ORDINATION COMPARISONS			
SSM 17361 - SSM 17360	30° 37' 33"	38 610 COORDS (GROUND)	
	30° 38' 59"	38 643 SURVEY	
SSM 17360 - SSM 3743	348° 16' 15"	24 136 COORDS (GROUND)	
	348° 12' 28"	24 108 SURVEY	

DP1059698

Registered 15-10-2003

This is sheet 3 of my plan in 4 sheets dated

SEE SIGNATURES FORM

Surveyor registered under the Surveyors Act, 1993

This is sheet 3 of my plan of covered by subdivision certificate No. 1059698

Authorised Person General Manager / Accredited Officer

L. G. A. BLACKTOWN CITY AND FAIRFIELD CITY

Locality: EASTERN CREEK / HORSLEY PARK

Parish: MELVILLE

County: CUMBERLAND

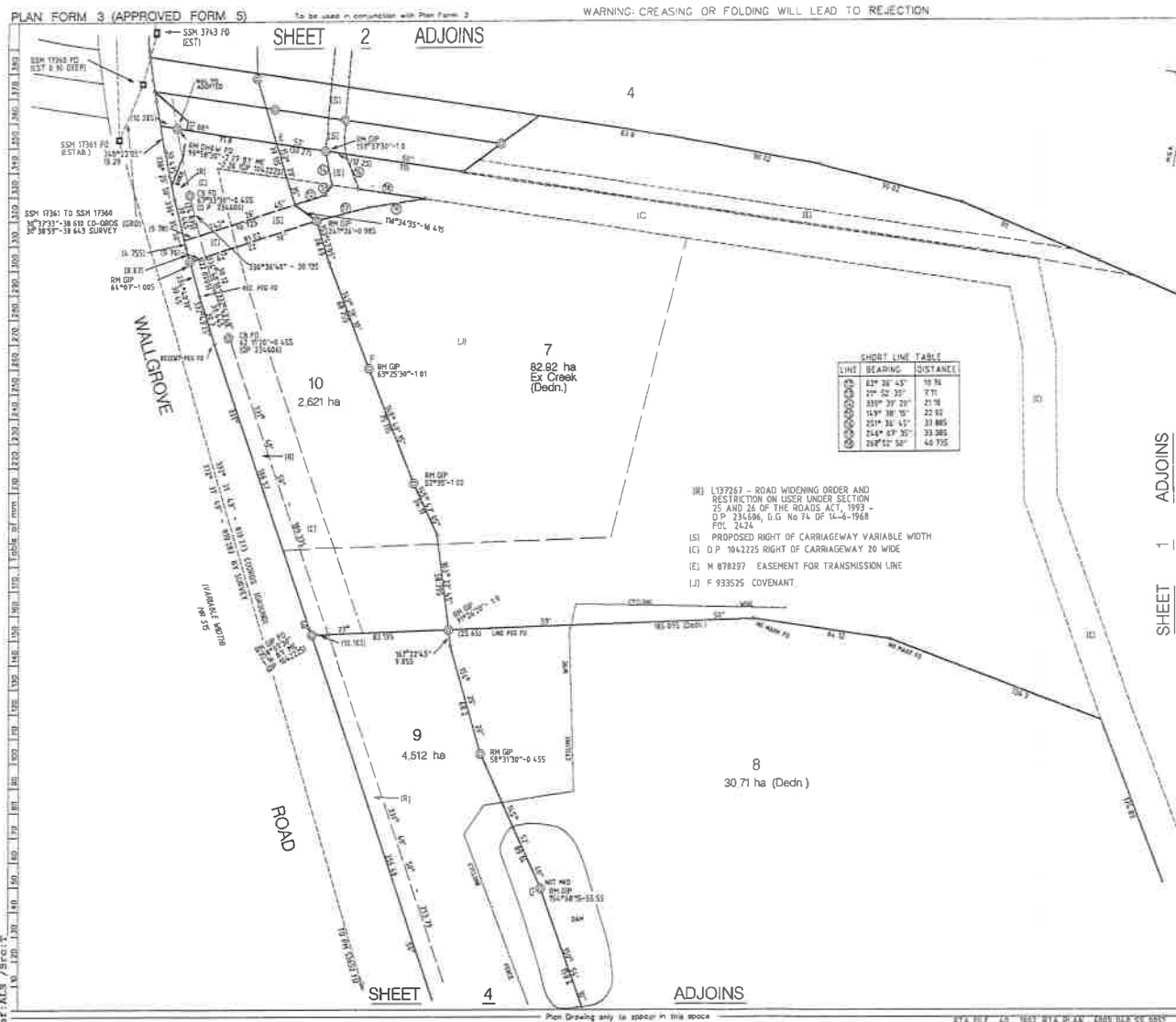
For use where space is insufficient in any panel see Plan Form 2

Reduction Ratio: 1:500

SURVEYORS REFERENCE: 10524, SP 3111 (RTA)

Req: 031373 / Doc: DP 1059698 P / Rev: 15-Oct-2003 / Sta: SC OK / Pct: 17-Feb-2015 22:53 / Pgs: ALL / Seq: 2 of 5

Req: R031573 / Doc: DP 1059698 P / Rev: 15-Oct-2003 / Sta: SC, OK / Pct: 17-Feb-2015 22:53 / Page: ALL / Seq: 3 of 5
 Ref: AL3 / Src: T



e-plan

DP1059698

Registered 15-10-2003

This is sheet 3 of my plan in 4 sheets dated

SEE SIGNATURES FORM

Surveyor registered under the Surveyors Act, 1929

This is sheet of my plan of covered by subdivision certificate No. of

Authorised Person/General Manager/Accounting Officer

L. G. A. FAIRFIELD CITY

Locality: HORSLEY PARK

Parish: MELVILLE

County: CUMBERLAND

For use where space is insufficient in any panel on Plan Form 2.

Reduction Ratio = 1:1500

SURVEYORS REFERENCE: 10524, GP 3111 (RTA)

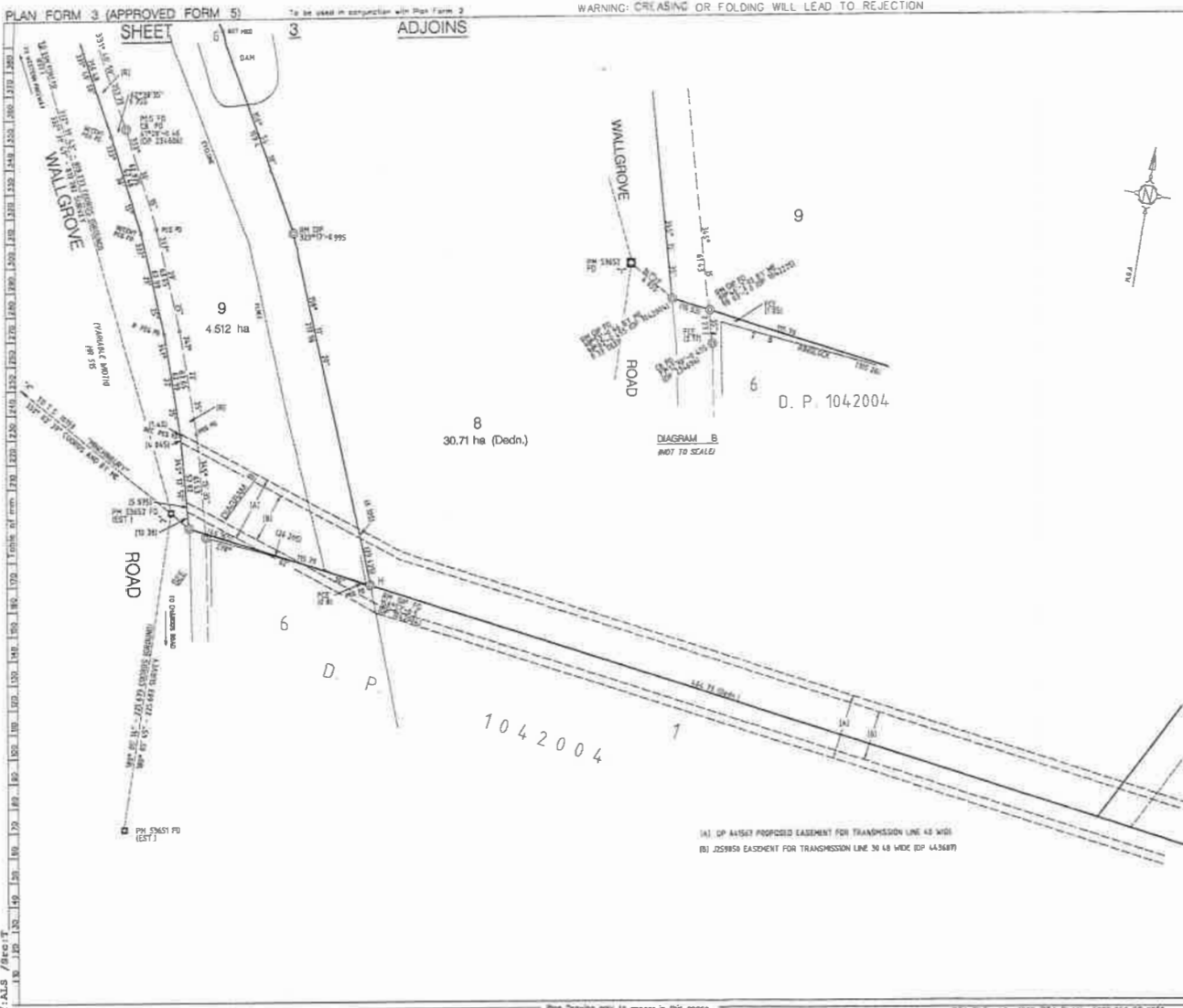
PLAN FORM 3 (APPROVED FORM 5)

To be used in conjunction with Plan Form 2
SHEET 3
ADJOINS

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

e-plan

Reg: B031573 / Doc: DP 1059698 P / Rev: 15-Oct-2003 / 84: SC OK / Pct: 17-Feb-2015 22:53 / Pgs: ALL / Seq: 4 of 5
 Ref: ALS / Rec: T



DP1059698

Registered: 15-10-2003

This is sheet 4 of my plan in 4 sheets
 dated

SEE SIGNATURES FORM

Surveyor registered under the Surveyors Act 1909

This is sheet 1 of my plan of
 covered by subdivision certificate No. 1042004

Authorised Person/General Manager/Assistant Officer

L. G. A. FAIRFIELD CITY

Locality: HORSLEY PARK

Parish: MELVILLE

County: CUMBERLAND

For use where space is insufficient in any panel
 on Plan Form 2.

Reduction Ratio 1: 1500

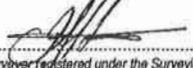
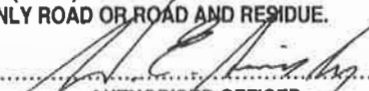
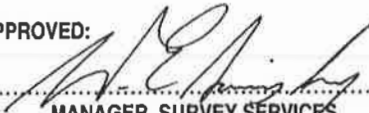
Plan Drawing only to appear in this space

RTA FILE 4.0 1802 RTA PLAN 8007 045 03 0051

SURVEYORS REFERENCE: 10524, SP 3111 (RTA)

CERTIFICATES, SIGNATURES AND SEALS

Sheet 1 of 1 sheet(s)

PLAN OF LAND TO BE ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993.	DP1059698 Registered:  15-10-2003
Surveying Regulation 2001 I, GARY JOHN SKOW..... of HAMMOND SMEALLIE & CO. P/L, HORNSBY... a surveyor registered under the <i>Surveying Act 2002</i>, certify that the survey represented in this plan is accurate, has been made in accordance with the <i>Surveying Regulation 2001</i> and was completed on:..22-07-2003..... The survey relates to LOTS 1 AND 9 TO 17 INCLUSIVE, PROPOSED RIGHT OF CARRIAGEWAY & CONNECTIONS..... (specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey) Signature  Dated: 22 July 2003 Surveyor registered under the <i>Surveying Act 2002</i> Datum Line: "X"-Y"..... Type: Urban/Rural	SIGNATURES, SEALS and STATEMENTS of intention to dedicate public roads or to create public reserves and drainage reserves. THIS PLAN IS EXEMPT FROM SUBDIVISION CERTIFICATION PURSUANT TO A DECISION BETWEEN DUAP, RTA & LPI NSW - SEE 1997 M6 (Item 2). LAND IN THIS PLAN COMPRISES ONLY ROAD OR ROAD AND RESIDUE.  19/9/03 AUTHORISED OFFICER ROADS AND TRAFFIC AUTHORITY, NSW APPROVED:  19/9/03 MANAGER, SURVEY SERVICES OPERATIONS ROADS AND TRAFFIC AUTHORITY, NSW Use PLAN FORM 6A for additional certificates, signatures and seals
Department of Lands Approval I.....in approving this plan certify (Authorised Officer) that all necessary approvals in regard to the allocation of the land shown hereon have been given Signature:..... Date:..... File Number:..... Office:..... Subdivision Certificate I certify that the provisions of s.109J of the Environmental Planning and Assessment Act 1979 have been satisfied in relation to: the proposed..... set out herein (insert 'subdivision' or 'new road') * Authorised Person/General Manager/Accredited Certifier Consent Authority: Date of Endorsement: Accreditation no: Subdivision Certificate no: File no: Note: When the plan is to be lodged electronically in Land and Property Information, it should include a signature in an electronic or digital format approved by the Registrar-General. * Delete whichever is inapplicable.	

* OFFICE USE ONLY

SURVEYOR'S REFERENCE: 10524 CHECKLIST
SP3111 (RTA)

R.T.A. FILE: 40.1802
R.T.A. PLAN: 6009 040 SS 0051

Local Council Information

Document Edit Attachments Help

1 of 1

Parcel 76798 Parcel Flag Registered

H/No. / 780 - Street Side Address Sequence 0

Street Wallgrove RD HORSLEY PARK

Title 1 Lot 7 Sec

DP 1059698 Entitlement

Application Details

 Current Property ☒ Historic Properties ☐ Both Current & Historic ☒ Line 1 of 28

Indicator	Formatted Account	Document Type	External Reference	Precis	Received D
H1	010.2003.00001260.001	Development Applications	1260/2003DA	Boundary Adjustment	18/07/2003
H2	005.1997.00006713.002	Development Apps Pre July 1998		Land Fill - Section 96 Modification Application	18/01/2013
H2	005.1997.00006713.001	Development Apps Pre July 1998	D577/97	Continuation Of Quarrying & Rehabilitation Of The	24/11/1997
H2	005.1996.00005573.001	Development Apps Pre July 1998	D47/96	Sales Office And Selection Centre	05/02/1996
H2	005.1994.00004307.001	Development Apps Pre July 1998	D370/94	Office, Panel Display Area, Landscaping & Carpark	27/05/1994
H2	005.1992.00002977.001	Development Apps Pre July 1998	D920/92	Extension To Plant/Factory Building	01/12/1992
H2	006.1999.00045649.001	Building Apps Pre July 1998	N875/99	Extension To Existing Office Building Which Contai	27/05/1999
H2	006.1999.00040893.001	Building Apps Pre July 1998	D1210/99	Extension To Existing Office Building Which Contai	27/05/1999
H2	006.1996.00047466.001	Building Apps Pre July 1998	S15/96	Septic Tank	11/09/1996
H2	006.1996.00024787.001	Building Apps Pre July 1998	B605/96	Display Centre, Selection & Sales Office	23/04/1996
H2	006.1995.00023643.001	Building Apps Pre July 1998	B1597/95	Gazebo	03/10/1995
H2	006.1992.00016810.001	Building Apps Pre July 1998	B2594/92	Walls - Colourbond Metal Part 59: Exit Sign Part 5	01/12/1992
H2	006.1990.00009399.001	Building Apps Pre July 1998	B1178/90	Walls To Consist Of Colourbond Steel	22/05/1990
H2	006.1989.00005211.001	Building Apps Pre July 1998	B325/89	Part 59: Emergency Lighting Part 59: Exit Signs Pa	03/02/1989
H2	006.1988.00004564.001	Building Apps Pre July 1998	B4557/88	Part 59: Exit Signs Part 59: Hose Reels Part 59: P	23/11/1988
H2	010.2002.00001286.001	Development Applications	1286/2002DA	Retaining wall.	16/07/2002
H2	010.2002.00040007.001	Development Applications	0007/2002ST	Septic Tank	24/04/2002
H2	010.2002.00030017.001	Development Applications	0017/2002MA	Quarrying and Landfill	31/01/2002
H2	010.2001.00030231.001	Development Applications	0231/2001MA	Modification to DA 2354/2000 Condition 4	20/12/2001
H2	010.2000.00002354.001	Development Applications	2354/2000DA	Two (2) Lot Subdivision	07/12/2000
H2	010.2000.00030159.001	Development Applications	0159/2000MA	Extension of existing office, one extra room made	
	010.2013.00000430.001	Development Applications		Use of waste material in brick making process	
	010.2012.00000286.001	Development Applications		Install Gas Pipeline - The Austral Brick Company	
	010.2009.00001373.001	Development Applications		Extension to Austral Bricks Display Panel/Wall	
	010.2008.00001510.001	Development Applications		Extension to Office Building Comprising 8 New Offices and a Kitchen.	
	010.2006.00000880.001	Development Applications	0880/2006DA	Construction of a New Display Office	
	010.2005.00001431.001	Development Applications	1431/2005DA	Erection of a Single Storey Head Office Building	
	010.2005.00000708.001	Development Applications	0708/2005DA	Alterations and Additions to Existing Sales Office	

The most recent files include:

DA 430/2013 Use of waste material in brick making process

DA 286/2012 Install gas pipeline - The Austral Brick Company

DA 1373/2009 Extension to Austral bricks display panel/wall

DA 1510/2008 Extension to office building comprising 8 new office & a kitchen

DA 880/2006 Construction of a new display office

DA 1431/2005 Erection of a single storey head office building

DA 708/2005 Alterations and additions to existing sales office

file list continued

WorkCover Information



WorkCover

11 FEB 2015

WorkCover NSW
92-100 Donnison Street, Gosford, NSW 2250
Locked Bag 2906, Lisarow, NSW 2252
T 02 4321 5000 F 02 4325 4145
WorkCover Assistance Service 13 10 50
DX 731 Sydney workcover.nsw.gov.au

Our Ref: D15/016812
Your Ref: Cameron Hollands

9 February 2015

Attention: Cameron Hollands
Environmental Investigation Services
PO BOX 976
North Ryde BC NSW 1670

Dear Mr Hollands,

RE SITE: 780 Wallgrove Rd Horsley Park NSW

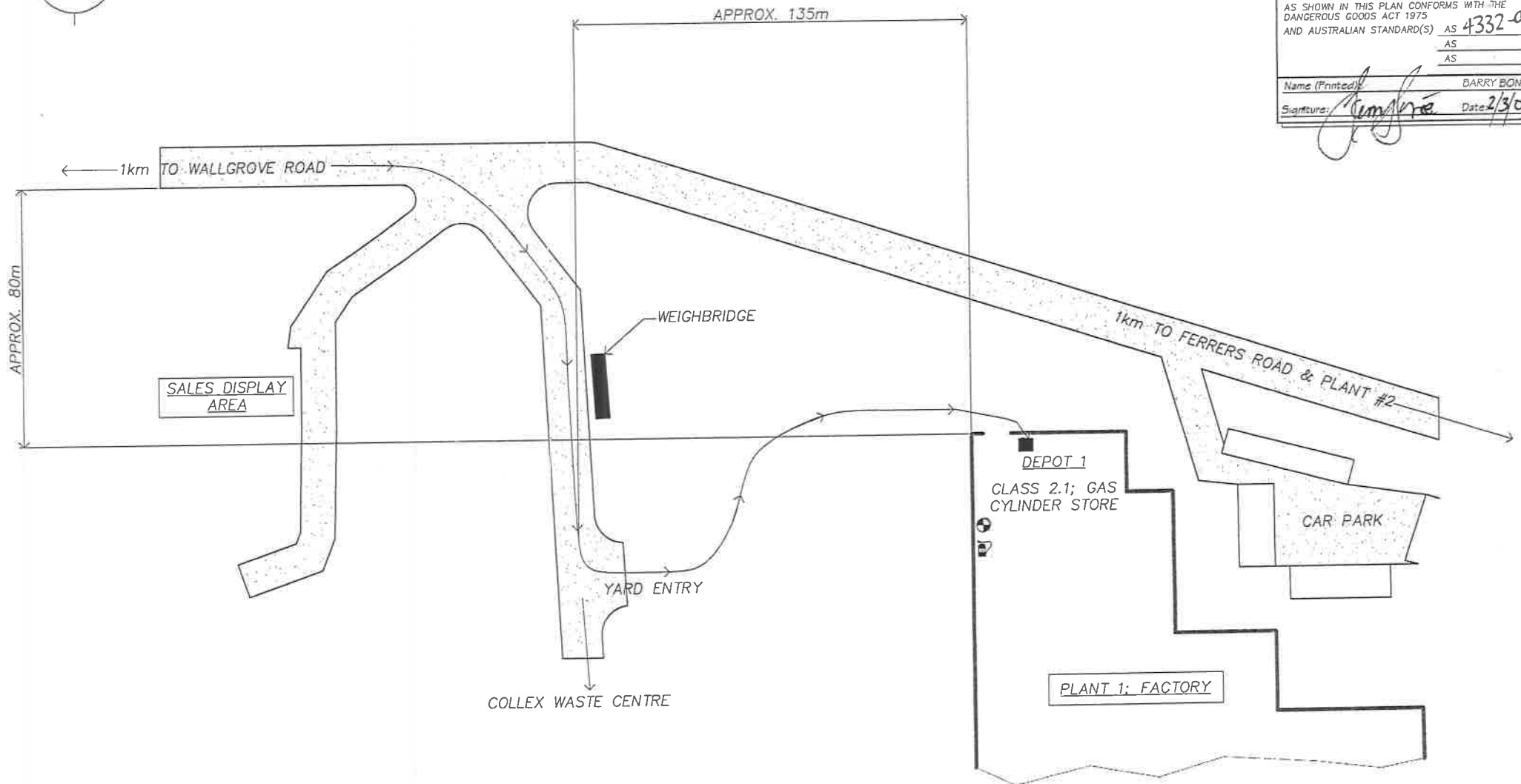
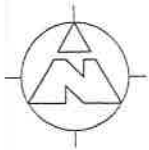
I refer to your site search request received by WorkCover NSW on 5 February 2015 requesting information on licences to keep dangerous goods for the above site.

Enclosed are copies of the documents that WorkCover NSW holds on Dangerous Goods Licence 35/017089 relating to the storage of dangerous goods at the above-mentioned premises, as listed on the Stored Chemical Information Database (SCID).

If you have any further queries please contact the Dangerous Goods Licensing Team on (02) 4321 5500.

Yours Sincerely

Brent Jones
Senior Licensing Officer
Dangerous Goods Notification Team

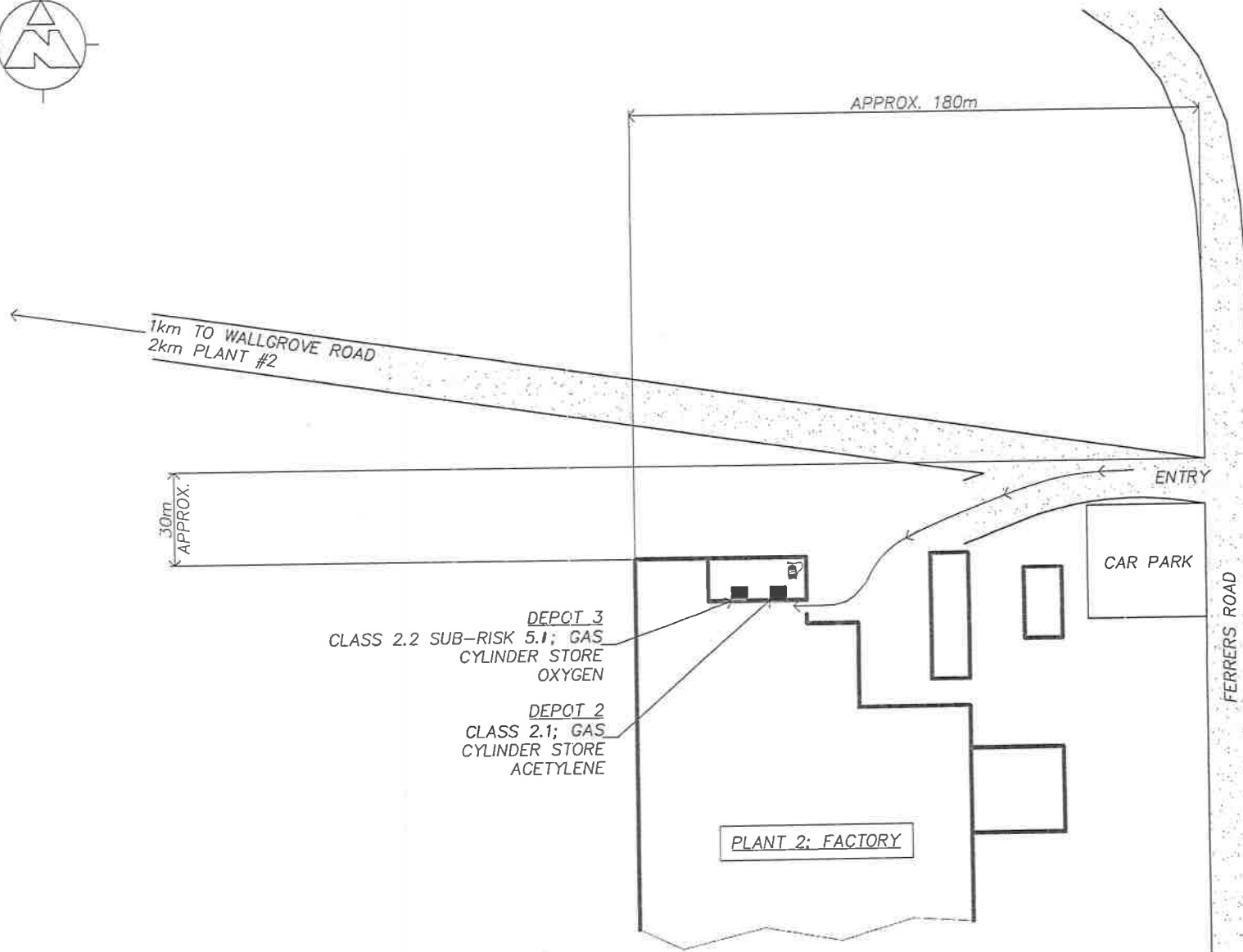
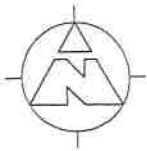


Depot	DG Class	PG	Quantity
1; (one)	2.1	-	70m ³
AS SHOWN IN THIS PLAN CONFORMS WITH THE DANGEROUS GOODS ACT 1975 AND AUSTRALIAN STANDARD(S) AS 4332-95			
AS			
AS			
Name (Printed): BARRY BONE		Date: 2/3/05	
Signature: <i>[Signature]</i>			

THE AUSTRAL BRICK COMPANY; DANGEROUS GOODS SITE PLAN

	Indicates Dangerous Goods Depot		Fire Hydrant	Copyright - THIS DRAWING & DESIGN SHOWN THEREON IS THE PROPERTY OF PETROLINK PTY LTD & MUST NOT BE SOLD, LENT, GIVEN AWAY & MUST NOT BE REPRODUCED OR OTHERWISE DIVULGED TO THIRD PARTIES OR USED FOR ANY OTHER PURPOSE WITHOUT PERMISSION OF PETROLINK PTY LTD	Petrolink Pty Ltd ABN 35 002 854 002 22 Peachtree Road, PENRITH, NSW 2750 Phone 02 4722 9775 Fax 02 4722 9774 E-Mail petrolink@pnc.com.au Website www.petrolink.com.au	DRN PT DATE 28.2.05	DRAWING No. 5758-001	CLIENT AUSTRAL
	Emergency Isolation Point		Fire Hose Reel			ENR. BB DATE 23.05	CONTRACT No. 5758	REV Δ
	Spill Response Station		Fire Extinguisher - Dry Powder			APRV. DATE	TITLE AUSTRAL BRICK COMPANY PTY. LTD. DANGEROUS GOODS & EMERGENCY SERVICES FACTORY #1 SITE PLAN	SIZE A4
	Emergency Eye Wash		Fire Extinguisher - Foam			SCALE 1:1000??		
	First Aid		Fire Extinguisher - Carbon Dioxide			DIMENSIONS IN MILLIMETRES		

017089



Depot	DG Class	PG	Quantity
3; (one)	2.2/5.1	-	42m ³
2; (two)	2.1	-	42m ³
AS SHOWN IN THIS PLAN CONFORMS WITH THE DANGEROUS GOODS ACT 1975 AND AUSTRALIAN STANDARD(S) AS 4332-95			
AS			
AS			
Name (Printed):		BARRY BONE	
Signature:		Date: 2/3/05	

THE AUSTRAL BRICK COMPANY; DANGEROUS GOODS SITE PLAN

	Indicates Dangerous Goods Depot		Fire Hydrant
	Emergency Isolation Point		Fire Hose Reel
	Spill Response Station		Fire Extinguisher - Dry Powder
	Emergency Eye Wash		Fire Extinguisher - Foam
	First Aid		Fire Extinguisher - Carbon Dioxide

COPYRIGHT - THIS DRAWING & DESIGN SHOWN THEREON IS THE PROPERTY OF PETROLINK PTY LTD & MUST NOT BE SOLD, LENT, GIVEN AWAY REPRODUCED OR OTHERWISE DIVULGED TO THIRD PARTIES OR USED FOR ANY OTHER PURPOSE WITHOUT PERMISSION OF PETROLINK PTY LTD

Petrolink Pty Ltd
 ABN 35 002 864 002
 22 Peachtree Road, PENRITH, NSW 2750
 Phone 02 4722 9775
 Fax 02 4722 9774
 E-Mail petrolink@pnc.com.au
 Website www.petrolink.com.au

DATE	28.2.05	CLIENT	AUSTRAL
DATE	2.3.05	CONTRACT No.	5758
DATE		TITLE	AUSTRAL BRICK COMPANY PTY. LTD. DANGEROUS GOODS & EMERGENCY SERVICES FACTORY #2 SITE PLAN
SCALE	1:1000???	REV	Δ
DIMENSIONS IN MILLIMETRES		SIZE	A4

010057

What is a depot? See page 5 of the Guidance Notes

PART C - Dangerous Goods Storage Complete one section per depot

If you have more depots than that space provided, photocopy sufficient sheets first

13

PART C - Dangerous Goods Storage Complete one section per depot

If you have more depots than that space provided, photocopy sufficient sheets first

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
1	Gas Cylinder Store	2.1	80m3			
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	Typical Quantity	Unit eg L, kg, m ³
1001	Acetylene	2.1		Acetylene	30	m3
1072	Oxygen Compressed	2.2/5.1		Oxygen	30	m3
1006	Argon Compressed	2.2		Argoshield	20	m3

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
2	Gas Cylinder Store	2.1	42m3			
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	Typical Quantity	Unit eg L, kg, m ³
1001	Acetylene	2.1		Acetylene	42	m3

Depot Number	Type of Depot (see page 5)	Depot Class	Maximum Storage Capacity			
3	Gas Cylinder Store	2.2	42m3			
UN Number	Proper Shipping Name	Class	PG (I, II, III)	Product or Common Name	Typical Quantity	Unit eg L, kg, m ³
1072	Oxygen compressed	2.2/5.1		Oxygen	42	m3



Dangerous Goods Licensing

ph (02) 4321 5500 fax (02) 9287 5500

Attn: ROB CAMPBELL
Licensee: THE AUSTRAL BRICK CO PTY LTD ACN 000 005 550
P O BOX 6550
WETHERILL PARK DC NSW 1851

LICENCE FOR THE KEEPING OF DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATIONS THEREUNDER

Licence Number 35/017089 **Expiry Date** 15/01/2005 **No. of Depots** 9

Licensee Contact ROB CAMPBELL Ph. 9830 7768 Fax. 9830 7807

Premises Licensed to Keep Dangerous Goods PLANT NO 1
THE AUSTRAL BRICK CO PTY LTD
WALLGROVE RD WALLGROVE 2164

Nature of Site CLAY BRICK MANUFACTURING

Major Supplier of Dangerous Goods BP

Emergency Contact for this Site SHIFT SUPERVISOR ON DUTY Ph. 9830 7710

Site staffing 24HRS 7DAYS

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	UNDERGROUND TANK	Class 3	30000 L
	UN 1203 PETROL		30000 L
2	UNDERGROUND TANK	Class 3	10000 L
	UN 1203 PETROL		10000 L
3	EXEMPT - U/G TANK	Class C1	30000 L
	UN 00C1 DIESEL		30000 L
4	EXEMPT - U/G TANK	Class C1	10000 L
	UN 00C1 DIESEL		10000 L
5	EXEMPT - U/G TANK	Class C1	10000 L
	UN 00C1 DIESEL		10000 L
6	DECANTING CYLINDER(S)	Class 2.1	190 KG
	UN 1075 PETROLEUM GASES, LIQUEFIED		190 KG
7	CYLINDER STORE	Class 2.1	42 M3
	UN 1001 ACETYLENE, DISSOLVED		42 M3
8	CYLINDER STORE	Class 2.1	77 M3
	UN 1001 ACETYLENE, DISSOLVED		77 M3
DEL-3	ROOFED STORE	Class 6.1	20000 KG

PLEASE RETAIN AS PROOF OF LICENCE

Issued by Workcover Authority of New South
Wales on 22 December 2004

WorkCover. **Watching out for you.**



Dangerous Goods Licensing

ph (02) 4321 5500 fax (02) 9287 5500

UN 1564 BARIUM COMPOUND, N.O.S.

10000 KG

PLEASE RETAIN AS PROOF OF LICENCE
Issued by Workcover Authority of New South
Wales on 22 December 2004

WorkCover. **Watching out for you.**

WorkCover NSW ABN 77 682 742 966 92-100 Donnison Street Gosford NSW 2250 Locked Bag 2906 Lisarow NSW 2252
Telephone 02 4321 5000 Facsimile 02 4325 4145 WorkCover Assistance Service **13 10 50**
DX 731 Website www.workcover.nsw.gov.au

Application for Licence to Keep Dangerous Goods



Application for ☐ new licence ☒ amendment ☐ transfer ☐ renewal of expired licence

PART A - Applicant and site information

 See page 2 of Guidance Notes.

1 Name of applicant	ACN	
AUSTRAL BRICK CO. P/L		000 005 550
2 Postal address of applicant	Suburb/Town	Postcode
PO Box 6550	WETHERILL PARK	1851
3 Trading name or site occupier's name	AUSTRAL BRICKS	
4 Contact for licence inquiries	Phone	Fax
	9830 7740	9830 7740
	Name: MARK TRUDGETT	
5 Previous licence number (if known)	35/017089	
6 Previous occupier (if known)		
7 Site to be licensed	No	Street
		WALLGROVE ROAD
	Suburb / Town	Postcode
	WALLGROVE	2164
8 Main business of site	CERAMICS MANUFACTURER	
9 Site staffing: Hours per day	24 M - F	Days per week
	12 Sat - Sun	7
10 Site emergency contact	Phone	Name
	(02) 9830 7710	SHIFT SUPERVISOR ON DUTY
11 Major supplier of dangerous goods	BOC GASES AUSTRALIA / BP	
12 If a new site or for amendments to depots - see page 4 of Guidance Notes.		
Plan stamped by:	Name of Accredited Consultant	Date stamped
	DONALD J ALLEN	22/11/01

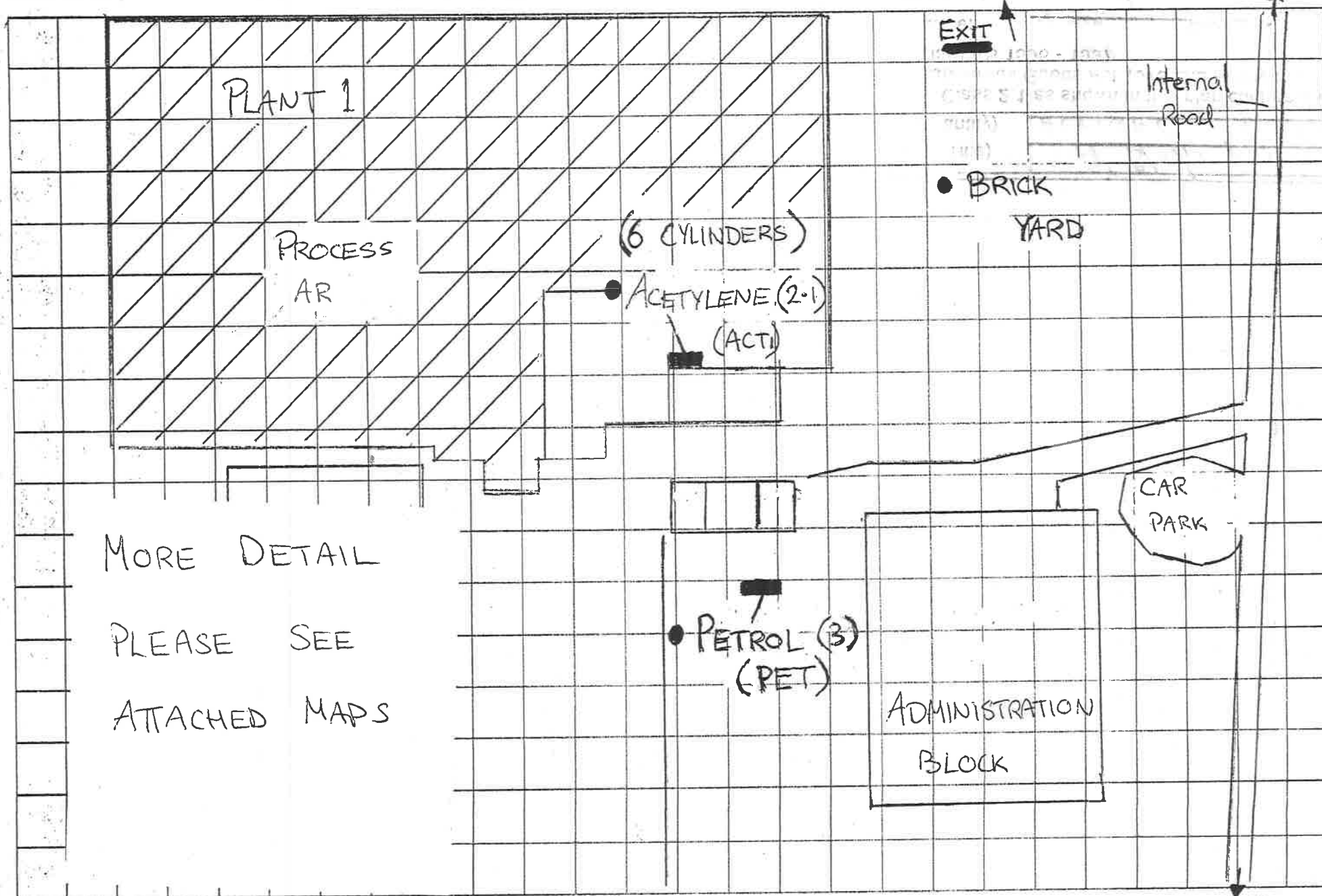
I certify that the details in this application (including any accompanying computer disk) are correct and cover all licensable quantities of dangerous goods kept on the premises.

13 Signature of applicant	Printed name	Date
Mark Trudgett	MARK TRUDGETT	26/11/01

Please send your application, marked **CONFIDENTIAL**, to: **Dangerous Goods Licensing, WorkCover NSW, Level 2, GPO Box 5364, SYDNEY NSW 2001**

Site Sketch Please carefully read the instructions on page 3 of the Guidance Notes before sketching the site.

✿ To Wallgrove Rd



MORE DETAIL

PLEASE SEE

ATTACHED MAPS

✿ To Plant 2

PART B See page 3 of the Guidance Notes

PLANT 1

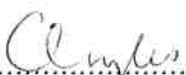


WorkCover, New South Wales, 400 Kent Street, Sydney 2000. Telephone 9370 5000 ALL MAIL TO LOCKED BAG 10, CLARENCE STREET SYDNEY 2000
Licence No. 35/017089

APPLICATION FOR RENEWAL OF LICENCE TO KEEP DANGEROUS GOODS

ISSUED UNDER AND SUBJECT TO THE PROVISIONS OF THE DANGEROUS GOODS ACT, 1975 AND REGULATION THEREUNDER

DECLARATION: Please renew licence number 35/017089 to 17/10/1999. I confirm that all the licence details shown below are correct (amend if necessary).


(Signature)
for: AUSTRAL BRICK CO P/L

CATHY INGLIS
(Please print name)

12/10/98
(Date signed)

THIS SIGNED DECLARATION SHOULD BE RETURNED TO:

WorkCover New South Wales
Dangerous Goods Licensing Section (Level 3)
Locked Bag 10
CLARENCE STREET SYDNEY 2000

Enquiries: ph (02) 9370 5187
fax (02) 9370 6105

Details of licence on 18 September 1998

Licence Number 35/017089 Expiry Date 17/10/1998

Licensee AUSTRAL BRICK CO P/L ACN 000 005 550

Postal Address: BOX 550 P O PENRITH PRIVATE BOXES NSW 2751

Licensee Contact CATHY INGLIS Ph. 9830 7700 Fax. 9831 2383

Premises Licensed to Keep Dangerous Goods PLANT NO 1

AUSTRAL BRICK CO P/L

WALLGROVE RD WALLGROVE 2164

HORSLEY PARK

Nature of Site CLAY BRICK MANUFACTURING

Major Supplier of Dangerous Goods UNKNOWN OR OTHER

Emergency Contact for this Site ROBBIE CAMPBELL (9830 7710) Ph. 9830 7700

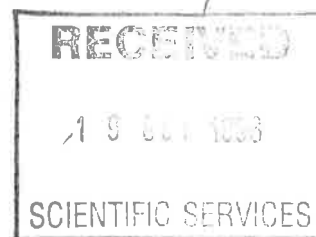
Site staffing 24HRS 7DAYS

Details of Depots

Depot No.	Depot Type	Goods Stored in Depot	Qty
1	UNDERGROUND TANK	Class 3	30000 L
	UN 1203 PETROL		30000 L
2	UNDERGROUND TANK	Class 3	10000 L
	UN 1203 PETROL		10000 L
3	ROOFED STORE	Class 6.1	20000 KG
	UN 1564 BARIUM COMPOUND, N.O.S.		10000 KG
D1	EXEMPT - U/G TANK	Class C1	30000 L
	UN 00C1 DIESEL		30000 L
D2	EXEMPT - U/G TANK	Class C1	10000 L
	UN 00C1 DIESEL		10000 L
D3	EXEMPT - U/G TANK	Class C1	10000 L
	UN 00C1 DIESEL		10000 L

licence already issued
on 29/1/99
Exp date 17/10/99

12/2/99





14 October 1994
Project No. 3383

Chemical Safety Unit
WorkCover Authority of New South Wales
Locked Bag 10
Clarence Street Post Office
SYDNEY NSW 2000



Attention: Mr Phil Butt
Chief Inspector - Dangerous Goods

Dear Sir

Re: Austral Bricks Pty Limited
Plant No. 1
Wallgrove Road
Horsley Park NSW 2164
Dangerous Goods Licence No. 35/017089

Please find the application for licence to keep dangerous goods at the abovementioned site. This application is a renewal of Licence No. 35/017089.

Please note the following changes from the previous licence:-

- Previous Depots 2, 4 and 5 are diesel tanks containing < 50 000 L and no longer require licencing.
- The remaining underground petrol tanks have been renumbered Depots 1 and 2.
- Depot 3 (bulk solid store) has been added.

Thank you for your assistance in this matter.

Yours sincerely

Victoria Sedwick
Principal Environmental Scientist

3383L010.WP5\14 OCT 1994\JLW:maz

35/017089

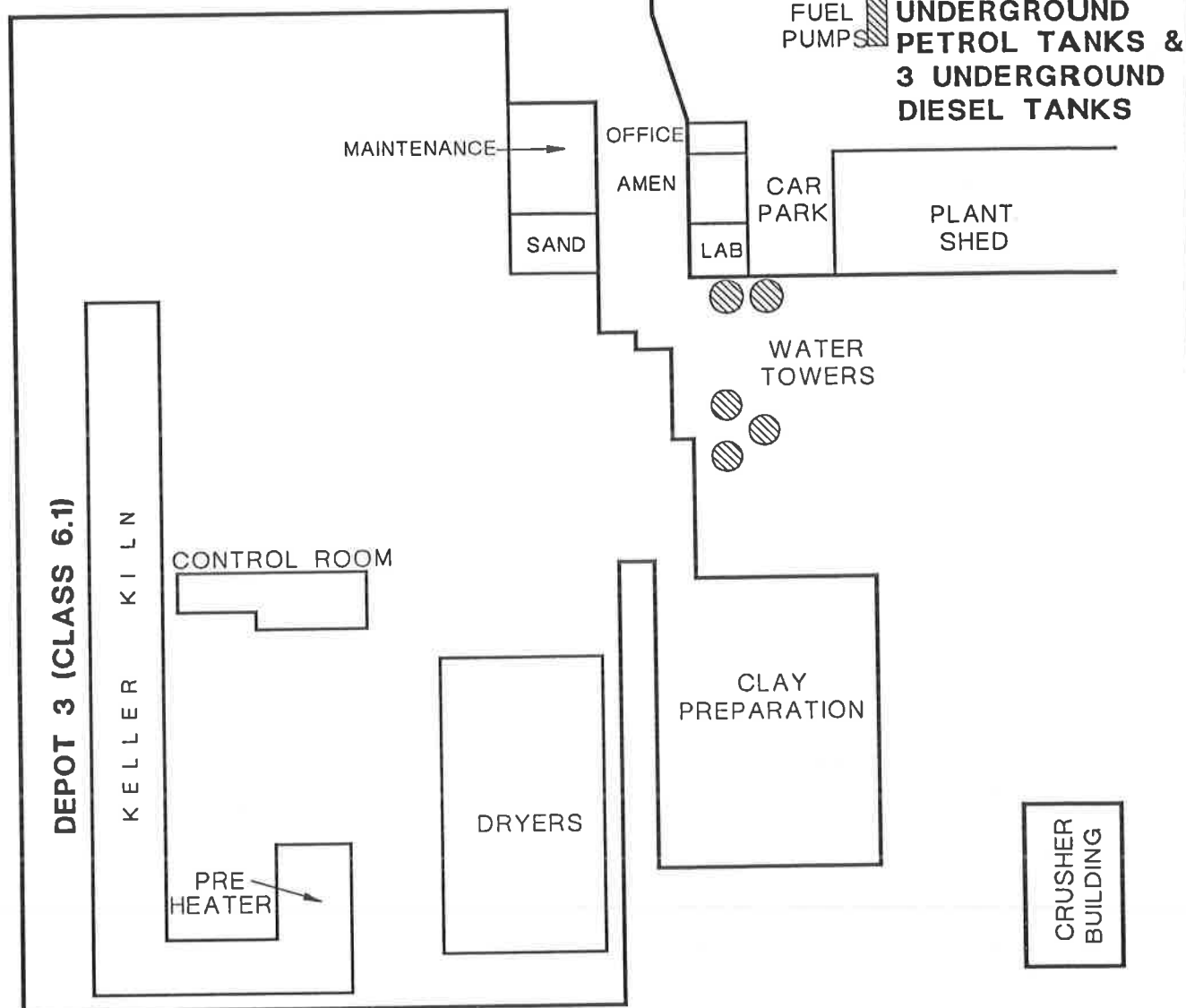
DEPOT 3



This plan conforms with the
Dangerous Goods Act NSW 1975
and Australian Standard AS*N/A*.....

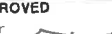
signed for AGC WOODWARD-CLYDE
PTY. LTD. A.C.N. 000-691-690

(V. SE D. J. C. W.) Date 14/10/94.....



A4

W-2/LE/2-94

DESIGNED VS	Woodward-Clyde  Engineering & sciences applied to the earth & its environment AGC Woodward-Clyde Pty Ltd Level 6, 486-494 Pacific Highway St Leonards, NSW, Australia 2065 Tel (02) 436 4666 Fax (02) 436 4110	REVISION 	AUSTRAL BRICKS PLANT 1 SITE LAYOUT
DRAWN HC		SCALE NOT TO SCALE	
APPROVED 		DRAWING 3383G.002	
DATE OCT '94		FIGURE 1	



Reference

Licensee

AUSTRAL BRICK CO P/L
BOX 550 P O
PENRITH 2750

17 APR 1991

Dear Sir/Madam,

RE APPLICATION FOR RENEWAL OF LICENCE FOR THE KEEPING OF DANGEROUS GOODS

Our records indicate you hold licence number 35/017089 for keeping dangerous goods at

WALLGROVE RD (PLANT NO1)
WALLGROVE

2164.

Details of depots at site.

Data Entered
09 Dec 91

Depot No.	Depot type	Goods stored in depot	Quantity kg/litres/no.
1	UNDERGROUND TANK	FLAMMABLE LIQUIDS	30 000
2	UNDERGROUND TANK	FLAMMABLE LIQUIDS	30 000
3	UNDERGROUND TANK	FLAMMABLE LIQUIDS	10 000
4	UNDERGROUND TANK	FLAMMABLE LIQUIDS	10 000
5	UNDERGROUND TANK	FLAMMABLE LIQUIDS	10 000
6	MAGAZINE	EXPLOSIVES	2 000

This licence is now due for renewal. **TO RENEW YOUR LICENCE.** Please carefully check the details shown in this letter and make any required corrections. Then, SIGN and DATE the declaration below and return this letter to the WorkCover Authority, Dangerous Goods Section. **Fees for these licences have been abolished. DO NOT SEND ANY MONIES.**

Declaration: I wish to renew this licence to 15/05/92. I certify that the licence details shown in this letter are correct.

.....
(Signature)

....21.5.91....
(Date)

If you do not wish to renew the licence. Please provide the Dangerous Goods Section with a signed statement giving the reason why it is not to be renewed. If you have sold/vacated the site please provide the name and address of the new owner/occupier so we may contact them.

Yours faithfully

Chief Inspector of Dangerous Goods.

1. Applications must be forwarded to the Chief Inspector of Inflammable Liquid, Explosives Department, Box R.216, Royal Exchange Sydney, N.S.W. 2000 and must be accompanied by the prescribed fee, as set out hereunder:

Registration of Premises (Fee \$4.50 p.a.) - For quantities not exceeding 300 gallons of mineral oil and 100 gallons of mineral spirit, if kept together; or 800 gallons of mineral oil and 100 gallons of mineral spirit, if kept in separate depots; or 500 gallons of mineral spirit, if kept in an underground tank depot; or 800 gallons of mineral oil and 500 gallons of mineral spirit, if mineral spirit is kept in an underground tank depot.

In addition to, or in lieu of the above, similar quantities of Dangerous Goods of Classes 1 and 2 may be kept under the like conditions; reading Dangerous Goods of Class 1 for the words Mineral Spirit and Dangerous Goods of Class 2 for the words Mineral Oil

Store Licence, Div. A (Fee, \$9.00 p.a.) - For quantities in excess of those stated above, but not exceeding 4,000 gallons mineral oil and/or mineral spirit, and/or Dangerous Goods of Classes 1, 2 and 9.

Store Licence, Div. B (Fee, See Regulation 7) - For quantities exceeding 4,000 gallons of mineral spirit, and/or dangerous goods of Classes 1 and 2, and/or dangerous goods of Class 3.

For the keeping of Dangerous Goods of Classes 3 and/or 4. (\$18.00 p.a.).

Fees for the keeping of inflammable liquid and dangerous goods in excess of the above stated quantities and also for Liquid Petroleum Gas storage are set out in Regulation 7.

1. Name of occupier including full christian names.

Austral Brick Co. Pty. Ltd.

2. Trading Name (if any)

(Plant No. 1)

3. Locality of the premises in which the depot or depots are situated

No. or Name

Street

Town

4. Postal address

5. Occupation

6. Nature of premises (dwelling, garage etc.)

Wallarove Road

Wallarove

P.O. Box 136 Liverpool

Postcode

Brick Mfr.

Brick Works.

7. Particulars of construction of depots and maximum quantities of inflammable liquid and/or Dangerous Goods to be kept at any one time.

PLEASE ATTACH PLAN OF PREMISES

Depot No.	Construction of depots*			Inflammable liquid		Dangerous goods					
	Walls	Roof	Floor	Mineral spirit gallons	Mineral oil gallons	Class 1 gallons	Class 2 gallons	Class 3 lb	Class 4 cu ft	Class 5A water gal	Class 9 gallons
1	Underground Tank			6000							
2				6000							
3	✓		✓	2000							
4	✓		✓	2000							
5	✓		✓	2000							
6											
7											
8											
9											
10											

PUBLIC REVENUE A/c

189.00 (A)

(Date)

Receipt No.

6/2/74

1856

* If product is kept in tanks describe depots as underground or aboveground tanks.

Date of application

Jan. 31, 1974

Signature of applicant

THE AUSTRAL BRICK CO. PTY. LTD.
SECRETARY

CERTIFICATE OF INSPECTION

C. J. Williams, A. McMahon being an Inspector under the Inflammable Liquid Act, 1915 (as amended), do hereby certify that the premises or store herein referred to and described is suitable with regard to its situation and construction for the safe keeping of inflammable liquid and/or dangerous goods in quantity and nature specified.

Place

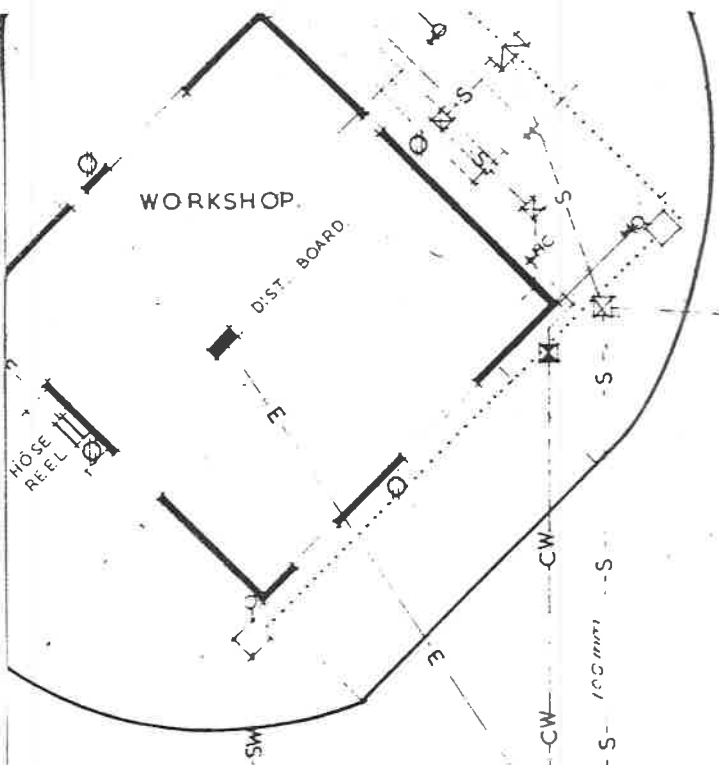
Date

Signature of Inspector

Sydney

6-2-74

C. J. Williams

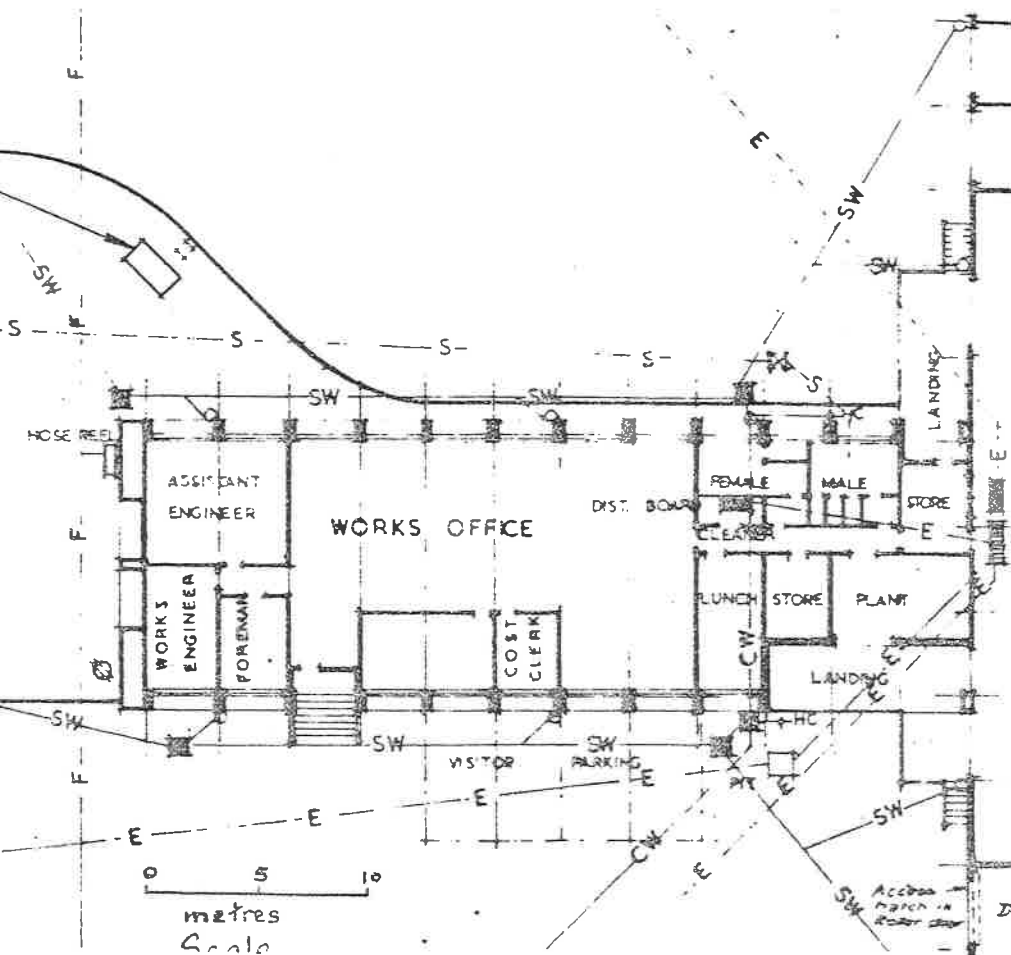
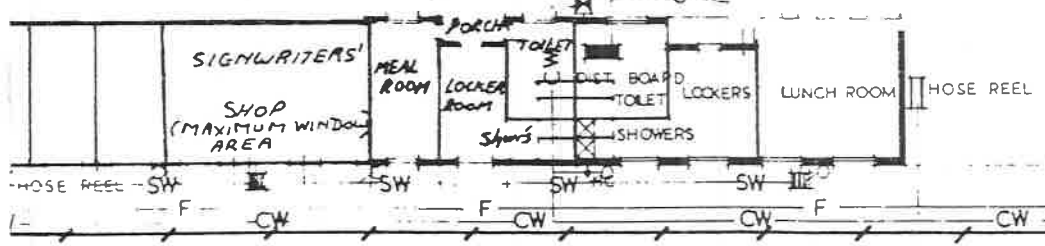


Approx. location
of existing
tanks.

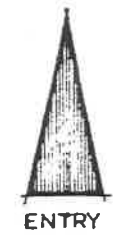
Distillate
Dispensing
facility

Proposed
location of 20,000 Litre
distillate tank

TRAFFIC FACILITIES
AMENITIES
S Refer Dwg No 126/84



TRAFFIC FACILITIES



PLAN OF PROPOSED WORK FOR CALTEX

(Measurements as per Page 2)

Buildings, Fences, other Structures, Fall of Ground etc.
Switchboard - Vent Location)

ACCURATE MEASUREMENTS

CLIENT'S NAME & ADDRESS Austral Brick Wallgrove Road Wallgrove NSW
No. 1 PLANT

Existing 2000
Std. Gas.

48'

27'

27'

Existing 2000's
Super Gas. To be
replaced with
2x6000 u/g tanks
in the same position

2/6000's
MS

3xSE Calco Meter pumps

Existing pump island

THE ABOVE LAYOUT MEETS WITH MY APPROVAL

Austral Brick
Customer Signature
Essential

EXPLOSIVES: Requirements do not permit fill points inside a building or within 5' of any door. No pump inside a building or on a wharf without special approval. U/ground Gasoline Tanks must be separated from protected works, as under:

RE S/I BR	CALTEX DRAWING C18835E	500 gallon	- 10' = 7'6" x 4' dia)	Protected Works, Dwellings, Amenities, Property, Boundaries, etc. To be shown on plan.
		1000 "	- 10' = 8'7" x 5' dia)	
		2000 "	- 10' = 9'10" x 7' dia)	
		3000 "	- 13' = 13'10" x 7' dia)	
		4000 "	- 15' = 18' x 7' dia)	
		5000 "	- 18' = 22'2" x 7' dia)	
		6000 "	- 18' = 26'3" x 7' dia)	

ELECTRICAL: Each pump to have its own circuit. Fuse 42 amps D/E pmp.
9 amps D/E pmp.

Client to provide switchboard at own expense.
Multiple tanks to be separated by 2'0".



accordance with the provisions of the Inflammable Liquid Act, 1915 (as amended), for the ensuing year.

EXPLANATORY

Inflammable Liquid-

Mineral Oil - includes kerosene, mineral turpentine and white spirit (for cleaning), and compositions containing same.
Mineral Spirit - includes petrol, benzene, benzolene, benzol and naphtha, and compositions containing same.

Dangerous Goods -

Class 1 - acetal, acetaldehyde, acetone, acrolein, amyl mercaptan, butyl acetate, butyl mercaptan, butyl propionate, crotonaldehyde, dichloro-ethylene, diethylketone, dioxane, diethylamine, dimethyl hydrozine, dipropylamine, divinyl ether, dipropyl ether, ethyl acetate, ethyl acrylate, ethyl chloride, ethyl ether, dichloroethane (ethylene dichloride), ethyl mercaptan, ethyl methacrylate, ethyl methyl ether, ethyl propyl ether, ethyl propionate, methyl propyl ketone, methyl acetate, methyl acrylate, methylal, methyl ethyl ether, methyl ethyl ketone, methyl methacrylate, methyl-vinyl ketone, methyl vinyl acetate, piperidine, propanal, propyl acetate, propylamine, propylene oxide, pyridine, tetrahydrofuran, thiophene, triethylamine, valeraldehyde, vinyl acetate, vinyl allyl ether, vinyl butyl ether, vinyl butyrate, vinyl cyanide (acrylonitrile), vinylidene chloride, vinyl ethyl ether, vinyl propyl ether, vinyl propionate, any combination of substances of an inflammable character suitable for use as an industrial solvent and having a true flashing point of less than 73 degrees Fahrenheit, manufactured products, containing organic solvents, having a true flashing point of less than 73 degrees Fahrenheit.

Class 2 - acetic acid, acetyl acetone, acetic anhydride, allyl alcohol, amyl acetate, amyl alcohol, butyl alcohol, butyl methacrylate, chlorobenzene, cyclohexanone, dibutyl ether, dibutyl ketone, dipentene, epichlorohydrin, ethanol (ethyl alcohol), ethyl benzene, ethylene diamine, furfural, mesityl oxide, methyl alcohol, methyl amyl ketone, methyl butyl ketone, pine oil (having a flashing point below 150° F), propyl benzene, propanol, vegetable turpentine, vinyl benzene (styrene monomer), any liquid containing more than 50 per centum ethyl alcohol, manufactured products, containing organic solvents, having a true flashing point of 73 degrees Fahrenheit and above but not exceeding 150 degrees Fahrenheit.

Class 3 - nitro-cellulose moistened with an alcohol, nitro-cellulose product.

Class 4 - compressed or dissolved acetylene contained in a porous substance.

Class 5 (A) - liquefied inflammable gases (liquefied petroleum gas, vinyl chloride, ethylene chloride, ethylene oxide, butadiene, methylamine, dimethylamine and trimethylamine).

Class 9 - Carbon disulphide, ethyl nitrite.

DIRECTIONS

Applications must be forwarded to the Chief Inspector of Inflammable Liquid, Explosives Department, Department of Mines, Sydney, and must be accompanied by the prescribed fee, as set out in Regulation 7.

1. Name in full of occupier

Post cheque \$18.50
Receipt No 2143.

2. Occupation
3. Locality of the premises in which the depot or depots are situated

4. Nature of premises (Dwelling, Garage, Store, etc.)

AUSTRAL BRICK CO PTY LTD

Brick Mfr.

No. or Name

Street HORSLEY RD.

Town WALLS ROVE

Factory

Postcode 2014

5. Particulars of construction of depots and maximum quantities of inflammable liquid and/or Dangerous Goods to be kept at any one time

PLEASE ATTACH PLAN OF PREMISES.

Depot No.	Construction of depots*			Inflammable liquid		Dangerous goods					
	Walls	Roof	Floor	Mineral Spirit gallons	Mineral Oil gallons	Class 1 gallons	Class 2 gallons	Class 3 lb	Class 4 cu ft	Class 5 A water gallons	Class 9 gallons
1	Underground Tank			2000						PUBLIC REVENUE A/C	
2										16.50	
3										25/9/69	
4										(Date)	
5										Receipt No. 5915	
6											
7											
8											
9											
10											

* If product is kept in tanks describe depots as underground or aboveground tanks.

Signature of Applicant

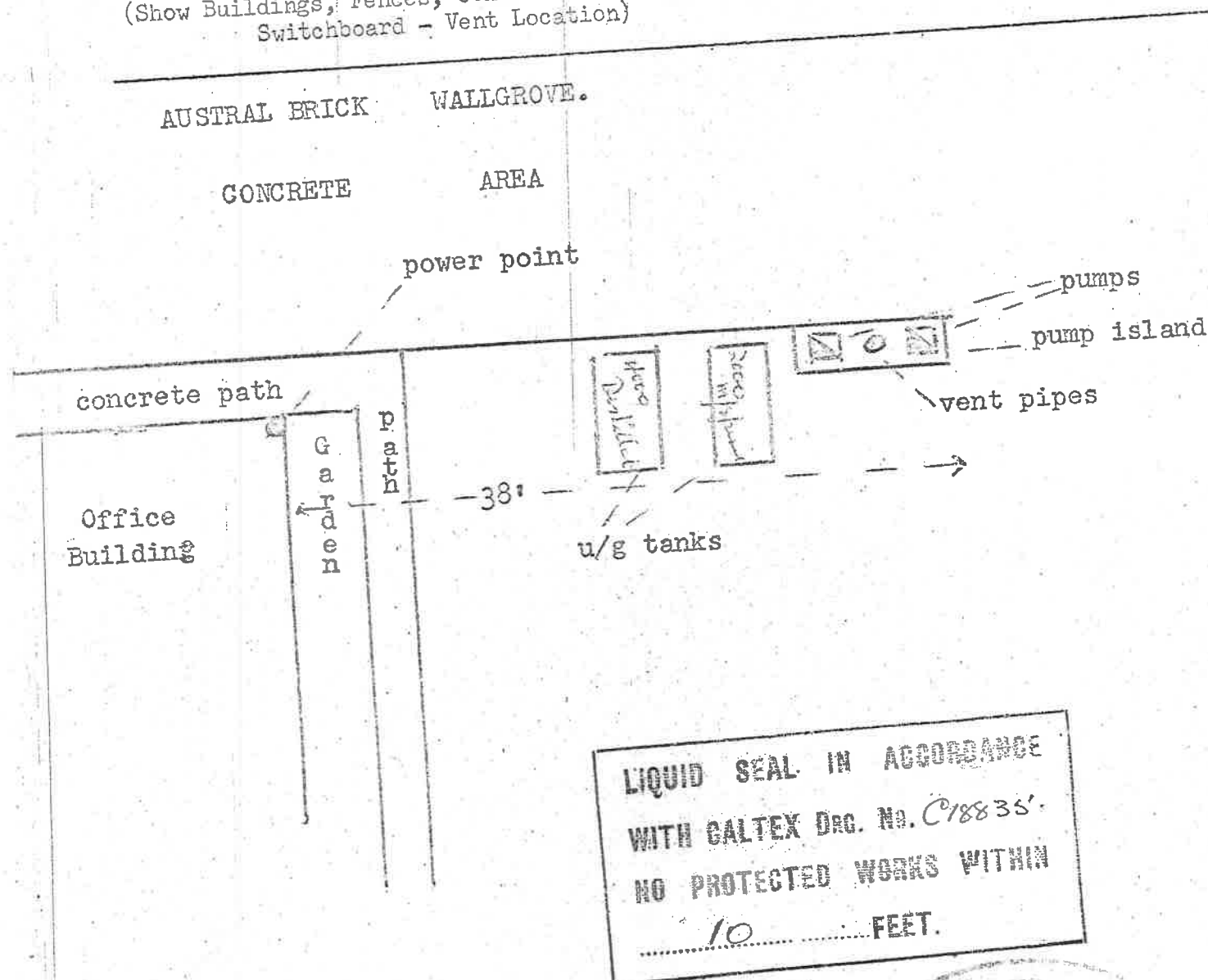
Postal Address KING ST
ST PETERS

SECRETARY

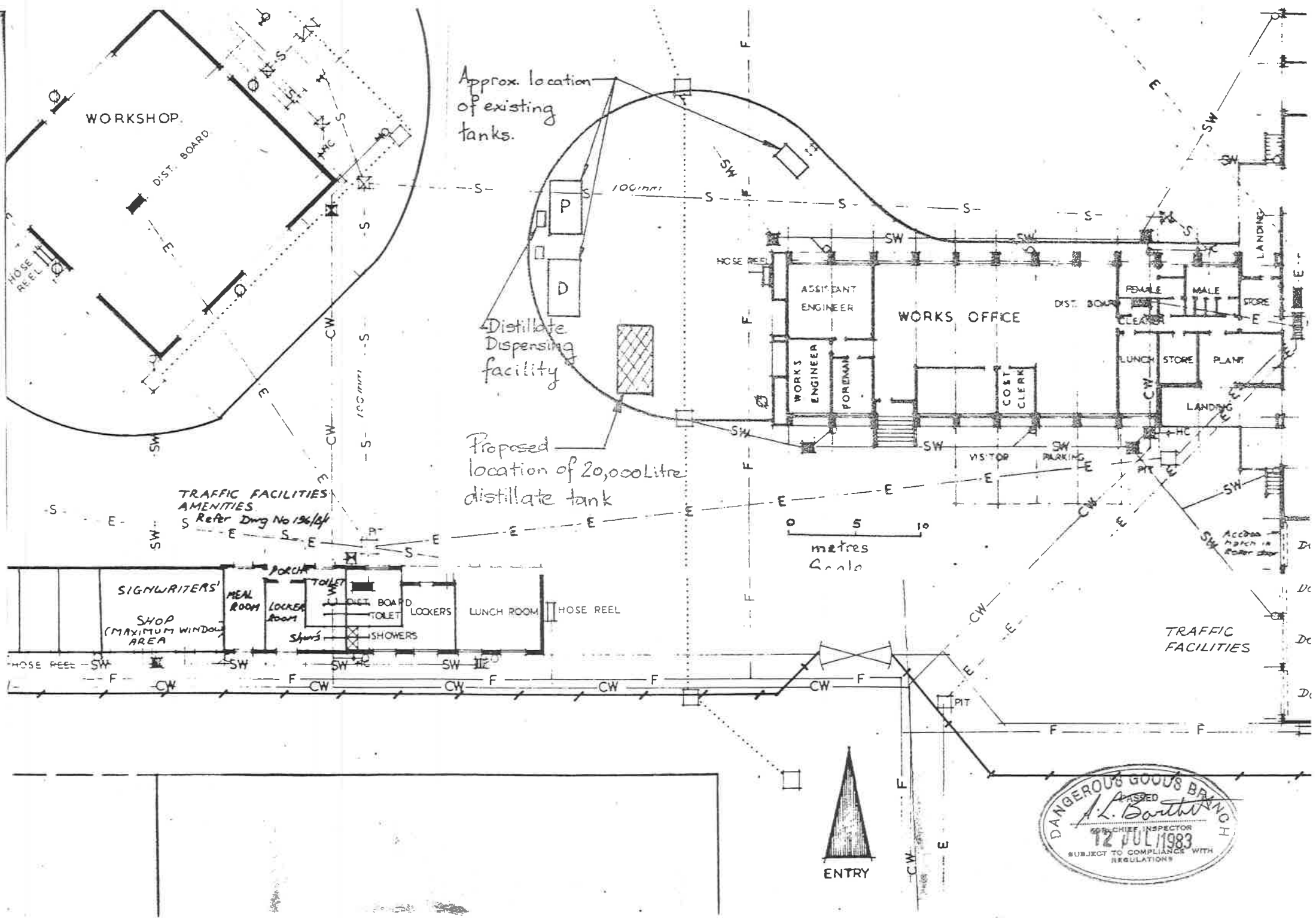
PLAN OF PROPOSED WORK

(Measurements as per Page 2)

(Show Buildings, Fences, other Structures, Fall of Ground etc.
Switchboard - Vent Location)



LIQUID SEAL IN ACCORDANCE
WITH CALTEX DRC. No. C18835.
NO PROTECTED WORKS WITHIN
10 FEET.



PLAN OF PROPOSED WORK FOR CALTEX

(Measurements as per Page 2)

Buildings, Fences, other Structures, Fall of Ground etc.
Switchboard - Vent Location)

ACCURATE MEASUREMENTS

CLIENT'S NAME & ADDRESS Austral Brick Wallgrove Road Wallgrove NSW
NPL PLANT

Existing 2000
Std. Gas.

LIQUID SEAL IN ACCORDANCE
WITH CALTEX REG. NO. C18835E
NO PROTECTED WORKS WITHIN
15-18 FEET.

48'

27'

27'

Existing 2000's
Super Gas. To be
replaced with
2x6000 u/g tanks
in the same position

2/6000's
MS

3xSE Calco Meter pumps

Existing pump island

THE ABOVE LAYOUT MEETS WITH MY APPROVAL

Customer Signature
Essential

EXPLOSIVES: Requirements do not permit fill points inside a building or within 5' of any door. No pump inside a building or on a wharf without special approval. U/ground Gasoline Tanks must be separated from protected works, as under:

CALTEX
DRAWING
C18835E

500 gallon	- 10' = 7'6" x 4' dia)	Protected Works, Dwellings, Amenities, Property, Boundaries, etc. To be shown on plan.
1000 "	- 10' = 8'7" x 5' dia)	
2000 "	- 10' = 9'10" x 7' dia)	
3000 "	- 13' = 13'10" x 7' dia)	
4000 "	- 15' = 18' x 7' dia)	
5000 "	- 18' = 22'2" x 7' dia)	
6000 "	- 18' = 26'3" x 7' dia)	

ELECTRICAL: Each pump to have its own circuit. Fuse 42 amps D/E pmp.

Client to provide switchboard at own expense.
Multiple tanks to be separated by 2'0".



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Search results

Your search for:LGA: Fairfield City Council

Matched 11 notices relating to 4 sites.

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Suburb	Address	Site Name	Notices related to this site
Fairfield	35 Lisbon Street	Fairfield Galvanising	3 former
Lansvale	161 Hume Highway	Former Mobil Service Station	3 former
Smithfield	25 Victoria Street	Drum Reconditioner	3 former
Yennora	44 Larra Street	Metal Plating Works	2 former

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26 March 2015

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	118 Pacific Highway		
Hexham	QR National - Hexham Precinct 179 & 3/67 Maitland Road	Other Industry	Regulation under the CLM Act not required
Hexham	Cummins Newcastle 21 Galleghan Street	Unclassified	Under assessment
Hexham	Cummins Newcastle 21 Galleghan Street	Other Industry	Under assessment
Hexham	Caltex-Bogas Warehouse 239 Old Maitland Road	Service Station	Under assessment
Hexham	Industrial Galvanizers 312 Pacific Highway	Metal Industry	Contamination currently regulated under the POEO Act
Hexham	Caltex Service Station 360 Old Maitland Rd	Service Station	Under assessment
Hexham	BP Service Station Corner Pacific Highway and Old Maitland Road	Service Station	Under assessment
Hexham	Forgacs Site Sparke Street	Chemical Industry	Contamination currently regulated under the CLM Act
Hillston	BP Hillston Depot OPT 141-143 Cowper Street	Other Petroleum	Under assessment
Holbrook	Caltex Truckstop Hume Hwy	Service Station	Under assessment
Homebush	Ausgrid Mason Park Substation 1 Underwood Road	Other Industry	Regulation under the CLM Act not required
Homebush	Caltex Service Station 334-336 Parramatta Rd	Service Station	Under assessment
Homebush Bay	WSN Auburn Waste and Recycling Centre Corner Pondage Link and Hill Road	Landfill	Under assessment
Homebush West	Ford Landfill Mandemar Avenue	Landfill	Regulation under the CLM Act not required
Hornsby	Shell Coles Express Hornsby 194- 206 Pacific Highway	Service Station	Contamination currently regulated under the CLM Act
Hornsby	Coles Express Hornsby 196-200 Pacific Highway	Service Station	Under assessment
Hoxton Park	Endeavour Energy Hoxton Park 490 Hoxton Park Road	Other Industry	Under assessment
Hunter Region	Chinchester Trunk Gravity Main water pipeline	Other Industry	Contamination currently regulated under the POEO Act
Hunters Hill	Coles Express Hunters Hill 4 Ryde Road	Service Station	Under assessment
Hunters Hill	Former Radium Factory 7-9 Nelson Parade	Other Industry	Under assessment

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+ Licensing under the POEO Act

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[Licence forms](#)
[Licence fees](#)

+ Risk-based licensing

+ Load-based licensing

+ Emissions trading

- POEO Public Register

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Search results

Your search for: **General Search** with the following criteria

Suburb - HORSLEY PARK

returned 54 results

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2 of 3 Pages

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Number	Name	Location	Type	Status	Issued date
1046392	MICHAEL ANGELO MIZZI	66-104 BURLEY ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	18 Apr 2005
1048301	MICHAEL ANGELO MIZZI	66-104 BURLEY ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	30 May 2005
1055576	MICHAEL ANGELO MIZZI	66-104 BURLEY ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	27 Jan 2006
1509753	MICHAEL ANGELO MIZZI	66-104 BURLEY ROAD, HORSLEY PARK, NSW 2175	s.96 Prevention Notice	Issued	30 Oct 2012
1510164	MICHAEL ANGELO MIZZI	66-104 BURLEY ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	19 Nov 2012
1518534	MICHAEL ANGELO MIZZI	66-104 BURLEY ROAD, HORSLEY PARK, NSW 2175	s.91 Clean Up Notice	Issued	07 Feb 2014
546	THE AUSTRAL BRICK CO PTY LTD	738-780 WALLGROVE ROAD, HORSLEY PARK, NSW 2175	POEO licence	Issued	10 Mar 2000
1007259	THE AUSTRAL BRICK CO PTY LTD	738-780 WALLGROVE ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	05 Jul 2002
1035393	THE AUSTRAL BRICK CO PTY LTD	738-780 WALLGROVE ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	07 Apr 2004
1036813	THE AUSTRAL BRICK CO PTY LTD	738-780 WALLGROVE ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	31 May 2004
1050547	THE AUSTRAL BRICK CO PTY LTD	738-780 WALLGROVE ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	02 Sep 2005
1057502	THE AUSTRAL BRICK CO PTY LTD	738-780 WALLGROVE ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	17 Aug 2006
1073917	THE AUSTRAL BRICK CO PTY LTD	738-780 WALLGROVE ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	19 Jul 2007
1079903	THE AUSTRAL BRICK CO PTY LTD	738-780 WALLGROVE ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	19 Nov 2007
1103926	THE AUSTRAL BRICK CO PTY LTD	738-780 WALLGROVE ROAD, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	12 Oct 2009
11584	VEOLIA ENVIRONMENTAL SERVICES (AUSTRALIA) PTY LTD	Wallgrove Road, HORSLEY PARK, NSW 2175	POEO licence	Issued	15 Mar 2002
1016941	VEOLIA ENVIRONMENTAL SERVICES (AUSTRALIA) PTY LTD	Wallgrove Road, HORSLEY PARK, NSW 2175	s.58 Licence Variation	Issued	14 May 2002