



## NSW Site Auditor Scheme

# Site Audit Statement

A site audit statement summarises the findings of a site audit. For full details of the site auditor's findings, evaluations and conclusions, refer to the associated site audit report.

This form was approved under the *Contaminated Land Management Act 1997* on 12 October 2017.

For information about completing this form, go to Part IV.

## Part I: Site audit identification

Site audit statement no. 0301-2019

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This site audit is a:

- statutory audit**  
 non-statutory audit

within the meaning of the *Contaminated Land Management Act 1997*.

### Site auditor details

(As accredited under the *Contaminated Land Management Act 1997*)

Name	James Davis		
Company	Enviroview Pty Ltd		
Address	PO Box 327		
	GLADESVILLE NSW	Postcode	2110
Phone	0467 375 481		
Email	james.davis@enviroview.com.au		

### Site details

Address	Ivanhoe Estate comprising Ivanhoe Place, Wilcannia Way, Nyngan Way, Narromine Way and Cobar Way, part of 2-4 Lyonpark Road and portions of Shrimptons Creek adjacent to Lot 1 DP859537 to the centre line of the creek.		
	MACQUARIE PARK NSW	Postcode	2113

### Property description

(Attach a separate list if several properties are included in the site audit.)

Lots 6 to 20 in DP 861433, Lot 100 in DP 1223787, Lot 5 in DP 740753,  
Part Lot 1 in DP 859537 (see attached Plan of Consolidation and Subdivision Plan for  
proposed Lot 100)

Local government area	City of Ryde Council
Area of site (include units, e.g. hectares)	8.44 Ha
Current zoning	R4 High Density Residential

### Regulation and notification

To the best of my knowledge:

- the **site is** the subject of a declaration, order, agreement, proposal or notice under the *Contaminated Land Management Act 1997* or the *Environmentally Hazardous Chemicals Act 1985*, as follows: (provide the no. if applicable)
  - Declaration no. \_\_\_\_\_
  - Order no. \_\_\_\_\_
  - Proposal no. \_\_\_\_\_
  - Notice no. \_\_\_\_\_
- the site is not** the subject of a declaration, order, proposal or notice under the *Contaminated Land Management Act 1997* or the *Environmentally Hazardous Chemicals Act 1985*.

To the best of my knowledge:

- the site **has** been notified to the EPA under section 60 of the *Contaminated Land Management Act 1997*
- the site **has not** been notified to the EPA under section 60 of the *Contaminated Land Management Act 1997*.

### Site audit commissioned by

Name	Chris Koukoutaris
Company	Frasers Property Ivanhoe Pty Ltd
Address	Level 2, 1C Homebush Bay Drive
	RHODES NSW Postcode 2138
Phone	02 9767 2223
Email	Chris.Koukoutaris@frasersproperty.com.au

**Contact details for contact person** (if different from above)

Name

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Phone

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Email

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**Nature of statutory requirements** (not applicable for non-statutory audits)

- Requirements under the *Contaminated Land Management Act 1997* (e.g. management order; please specify, including date of issue)

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- Requirements imposed by an environmental planning instrument (please specify, including date of issue)

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- Development consent requirements under the *Environmental Planning and Assessment Act 1979* (please specify consent authority and date of issue)**

Condition of consent for modification to development consent SSD 8903 granted by the  

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Minister for Planning and Public Spaces on 30 April 2020.

- Requirements under other legislation (please specify, including date of issue)

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**Purpose of site audit**

- A1** To determine land use suitability

Intended uses of the land: Residential with minimal access to soil

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OR

- A2** To determine land use suitability subject to compliance with either an active or passive environmental management plan
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OR

(Tick all that apply)

- B1** To determine the nature and extent of contamination
  - B2** To determine the appropriateness of:
    - an investigation plan
    - a remediation plan
    - a management plan
  - B3** To determine the appropriateness of a **site testing plan** to determine if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*
  - B4** To determine the compliance with an approved:
    - voluntary management proposal** or
    - management order** under the *Contaminated Land Management Act 1997*
  - B5** To determine if the land can be made suitable for a particular use (or uses) if the site is remediated or managed in accordance with a specified plan.
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**Information sources for site audit**

Consultancies which conducted the site investigations and/or remediation:

JBS&G, DLA Environmental, Environmental and Earth Sciences

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Titles of reports reviewed:

JBS&G (2016). Detailed Site Investigation, Ivanhoe Estate, Herring Road, Macquarie Park, NSW. Document Ref.: 52047/104956 (Rev 0). 24 October 2016. (JBS&G, 2016)

DLA Environmental Services (2016). Letter dated 11 October 2016 Re: Summary of In-Ground Contamination – Ivanhoe Estate, Cnr Herring and Epping Roads, Macquarie Park NSW 2113. Document Ref.: DL3531\_S005491. (DLA, 2016)

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DLA Environmental Services (June 2017). Supplementary Site Investigation, Ivanhoe Estate, Corner Herring Road and Epping Road, Macquarie Road (STET) NSW 2113. Document Ref.: DL3953\_S006887. June 2017. (DLA, 2017a)

DLA Environmental Services (July 2017). Supplementary Site Investigation - New Property Acquisition - Ivanhoe Estate, 2 Lyon Park Road, Macquarie Park (STET) NSW 2113. Document Ref.: DL3953\_S007076. 28 July 2017. (DLA, 2017b)

DLA Environmental Services (2018). Remediation Action Plan, Ivanhoe Estate, Corner Herring Road and Epping Road, Macquarie Park NSW 2113. Document ref.: S008208 Version 1.2. 12 March 2018. (DLA, 2018)

Environmental Earth Sciences (January 2021) Technical Memorandum: Additional Investigation at Ivanhoe Estate, Corner of Herring Road and Epping Road, Macquarie Park, NSW. Dated 29 January 2021. (EES, 2021a)

Environmental Earth Sciences (2021). Technical Memorandum: Addendum to Remediation Action Plan at Ivanhoe Estate, Corner Herring Road and Epping Road, Macquarie Park, NSW. Document Ref.: 120077\_RAP Addendum\_V1. 29 January 2021. (EES, 2021b)

Environmental Earth Sciences (2021). Validation Report for Ivanhoe Estate (Location BH8), Corner Herring Road and Epping Road, Macquarie Park, NSW. Document Ref.: 120077\_VAL\_BH8\_V1. 12 March 2021. (EES, 2021b)

Other information reviewed, including previous site audit reports and statements relating to the site:

N/A

### Site audit report details

Title Site Audit Report Ivanhoe Estate, Macquarie Park, NSW

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Report no. 600184\_0301-2019

Date 6 April 2021

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## Part II: Auditor's findings

Please complete either Section A1, Section A2 or Section B, not more than one section.  
(Strike out the irrelevant sections.)

- Use **Section A1** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **without the implementation** of an environmental management plan.
- Use **Section A2** where site investigation and/or remediation has been completed and a conclusion can be drawn on the suitability of land uses **with the implementation** of an active or passive environmental management plan.
- Use **Section B** where the audit is to determine:
  - (B1) the nature and extent of contamination, and/or
  - (B2) the appropriateness of an investigation, remediation or management plan<sup>1</sup>, and/or
  - (B3) the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or
  - (B4) whether the terms of the approved voluntary management proposal or management order have been complied with, and/or
  - (B5) whether the site can be made suitable for a specified land use (or uses) if the site is remediated or managed in accordance with the implementation of a specified plan.

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<sup>1</sup> For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

## Section A1

**I certify that, in my opinion:**

The **site is suitable** for the following uses:

(Tick all appropriate uses and strike out those not applicable.)

- ~~Residential, including substantial vegetable garden and poultry~~
  - ~~Residential, including substantial vegetable garden, excluding poultry~~
  - ~~Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~
  - ~~Day care centre, preschool, primary school~~
  - Residential with minimal opportunity for soil access, including units**
  - ~~Secondary school~~
  - ~~Park, recreational open space, playing field~~
  - Commercial/industrial**
- ~~Other (please specify):~~
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**OR**

~~I certify that, in my opinion, the site is not suitable for any use due to the risk of harm from contamination.~~

~~Overall comments:~~

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## ~~Section A2~~

### ~~I certify that, in my opinion:~~

~~Subject to compliance with the **attached** environmental management plan<sup>2</sup> (EMP), the site is suitable for the following uses:~~

~~(Tick all appropriate uses and strike out those not applicable.)~~

- ~~Residential, including substantial vegetable garden and poultry~~
  - ~~Residential, including substantial vegetable garden, excluding poultry~~
  - ~~Residential with accessible soil, including garden (minimal home grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~
  - ~~Day care centre, preschool, primary school~~
  - ~~Residential with minimal opportunity for soil access, including units~~
  - ~~Secondary school~~
  - ~~Park, recreational open space, playing field~~
  - ~~Commercial/industrial~~
  - ~~Other (please specify):~~
- 

### ~~EMP details~~

~~Title~~

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~~Author~~

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~~Date~~

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### ~~EMP summary~~

~~This EMP (attached) is required to be implemented to address residual contamination on the site.~~

~~The EMP: (Tick appropriate box and strike out the other option.)~~

- ~~requires operation and/or maintenance of **active** control systems<sup>3</sup>~~
- ~~requires maintenance of **passive** control systems only<sup>3</sup>.~~

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<sup>2</sup> Refer to Part IV for an explanation of an environmental management plan.

<sup>3</sup> Refer to Part IV for definitions of active and passive control systems.

**Section B**

Purpose of the plan<sup>4</sup> which is the subject of this audit:

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~~I certify that, in my opinion:~~

~~(B1)~~

- ~~The nature and extent of the contamination has been appropriately determined~~
- ~~The nature and extent of the contamination has not been appropriately determined~~

~~AND/OR (B2)~~

- ~~The investigation, remediation or management plan is appropriate for the purpose stated above~~
- ~~The investigation, remediation or management plan is not appropriate for the purpose stated above~~

~~AND/OR (B3)~~

- ~~The site testing plan:
  - ~~is appropriate to determine~~
  - ~~is not appropriate to determine~~if groundwater is safe and suitable for its intended use as required by the *Temporary Water Restrictions Order for the Botany Sands Groundwater Resource 2017*~~

~~AND/OR (B4)~~

- ~~The terms of the approved voluntary management proposal\* or management order\*\* (strike out as appropriate):
  - ~~have been complied with~~
  - ~~have not been complied with.~~~~

~~\*voluntary management proposal no.~~

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~~\*\*management order no.~~

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~~AND/OR (B5)~~

- ~~The site can be made suitable for the following uses:  
(Tick all appropriate uses and strike out those not applicable.)
  - ~~Residential, including substantial vegetable garden and poultry~~
  - ~~Residential, including substantial vegetable garden, excluding poultry~~~~

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<sup>4</sup> For simplicity, this statement uses the term 'plan' to refer to both plans and reports.

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- ~~Residential with accessible soil, including garden (minimal home-grown produce contributing less than 10% fruit and vegetable intake), excluding poultry~~
- ~~Day care centre, preschool, primary school~~
- ~~Residential with minimal opportunity for soil access, including units~~
- ~~Secondary school~~
- ~~Park, recreational open space, playing field~~
- ~~Commercial/industrial~~
- ~~Other (please specify):~~

~~IF the site is remediated/managed\* in accordance with the following plan (attached):~~

~~\*Strike out as appropriate~~

~~Plan title~~ \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
~~Plan author~~ \_\_\_\_\_  
~~Plan date~~ \_\_\_\_\_ ~~No. of pages~~ \_\_\_\_\_

~~Plan title~~ \_\_\_\_\_  
\_\_\_\_\_  
~~Plan author~~ \_\_\_\_\_  
~~Plan date~~ \_\_\_\_\_ ~~No. of pages~~ \_\_\_\_\_

~~SUBJECT to compliance with the following condition(s):~~

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

~~Overall comments:~~

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Part III: Auditor's declaration

I am accredited as a site auditor by the NSW Environment Protection Authority (EPA) under the *Contaminated Land Management Act 1997*.

Accreditation no. 0301

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#### I certify that:

- I have completed the site audit free of any conflicts of interest as defined in the *Contaminated Land Management Act 1997*, and
- with due regard to relevant laws and guidelines, I have examined and am familiar with the reports and information referred to in Part I of this site audit, and
- on the basis of inquiries I have made of those individuals immediately responsible for making those reports and obtaining the information referred to in this statement, those reports and that information are, to the best of my knowledge, true, accurate and complete, and
- this statement is, to the best of my knowledge, true, accurate and complete.

I am aware that there are penalties under the *Contaminated Land Management Act 1997* for wilfully making false or misleading statements.



Signed

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Date 6 April 2021

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## Part IV: Explanatory notes

To be complete, a site audit statement form must be issued with all four parts.

### How to complete this form

#### Part I

Part I identifies the auditor, the site, the purpose of the audit and the information used by the auditor in making the site audit findings.

#### Part II

Part II contains the auditor's opinion of the suitability of the site for specified uses or of the appropriateness of an investigation, or remediation plan or management plan which may enable a particular use. It sets out succinct and definitive information to assist decision-making about the use or uses of the site or a plan or proposal to manage or remediate the site.

The auditor is to complete either Section A1 or Section A2 or Section B of Part II, **not** more than one section.

#### Section A1

In Section A1 the auditor may conclude that the land is *suitable* for a specified use or uses OR *not suitable* for any beneficial use due to the risk of harm from contamination.

By certifying that the site is *suitable*, an auditor declares that, at the time of completion of the site audit, no further investigation or remediation or management of the site was needed to render the site fit for the specified use(s). **Conditions must not be** imposed on a Section A1 site audit statement. Auditors may include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

#### Section A2

In Section A2 the auditor may conclude that the land is *suitable* for a specified use(s) subject to a condition for implementation of an environmental management plan (EMP).

##### *Environmental management plan*

Within the context of contaminated sites management, an EMP (sometimes also called a 'site management plan') means a plan which addresses the integration of environmental mitigation and monitoring measures for soil, groundwater and/or hazardous ground gases throughout an existing or proposed land use. An EMP succinctly describes the nature and location of contamination remaining on site and states what the objectives of the plan are, how contaminants will be managed, who will be responsible for the plan's implementation and over what time frame actions specified in the plan will take place.

By certifying that the site is suitable subject to implementation of an EMP, an auditor declares that, at the time of completion of the site audit, there was sufficient information

satisfying guidelines made or approved under the *Contaminated Land Management Act 1997* (CLM Act) to determine that implementation of the EMP was feasible and would enable the specified use(s) of the site and no further investigation or remediation of the site was needed to render the site fit for the specified use(s).

Implementation of an EMP is required to ensure the site remains suitable for the specified use(s). The plan should be legally enforceable: for example, a requirement of a notice under the CLM Act or a development consent condition issued by a planning authority. There should also be appropriate public notification of the plan, e.g. on a certificate issued under s.149 of the *Environmental Planning and Assessment Act 1979*.

#### *Active or passive control systems*

Auditors must specify whether the EMP requires operation and/or maintenance of active control systems or requires maintenance of passive control systems only. Active management systems usually incorporate mechanical components and/or require monitoring and, because of this, regular maintenance and inspection are necessary. Most active management systems are applied at sites where if the systems are not implemented an unacceptable risk may occur. Passive management systems usually require minimal management and maintenance and do not usually incorporate mechanical components.

#### *Auditor's comments*

Auditors may also include **comments** which are key observations in light of the audit which are not directly related to the suitability of the site for the use(s). These observations may cover aspects relating to the broader environmental context to aid decision-making in relation to the site.

## **Section B**

In Section B the auditor draws conclusions on the nature and extent of contamination, and/or suitability of plans relating to the investigation, remediation or management of the land, and/or the appropriateness of a site testing plan in accordance with the *Temporary Water Restrictions Order for the Botany Sands Groundwater Source 2017*, and/or whether the terms of an approved voluntary management proposal or management order made under the CLM Act have been complied with, and/or whether the site can be made suitable for a specified land use or uses if the site is remediated or managed in accordance with the implementation of a specified plan.

By certifying that a site *can be made suitable* for a use or uses if remediated or managed in accordance with a specified plan, the auditor declares that, at the time the audit was completed, there was sufficient information satisfying guidelines made or approved under the CLM Act to determine that implementation of the plan was feasible and would enable the specified use(s) of the site in the future.

For a site that *can be made suitable*, any **conditions** specified by the auditor in Section B should be limited to minor modifications or additions to the specified plan. However, if the auditor considers that further audits of the site (e.g. to validate remediation) are required, the auditor must note this as a condition in the site audit statement. The condition must not specify an individual auditor, only that further audits are required.

Auditors may also include **comments** which are observations in light of the audit which provide a more complete understanding of the environmental context to aid decision-making in relation to the site.

### **Part III**

In **Part III** the auditor certifies their standing as an accredited auditor under the CLM Act and makes other relevant declarations.

### **Where to send completed forms**

In addition to furnishing a copy of the audit statement to the person(s) who commissioned the site audit, statutory site audit statements must be sent to

- the **NSW Environment Protection Authority**:  
[nswauditors@epa.nsw.gov.au](mailto:nswauditors@epa.nsw.gov.au) or as specified by the EPA

AND

- the **local council** for the land which is the subject of the audit.

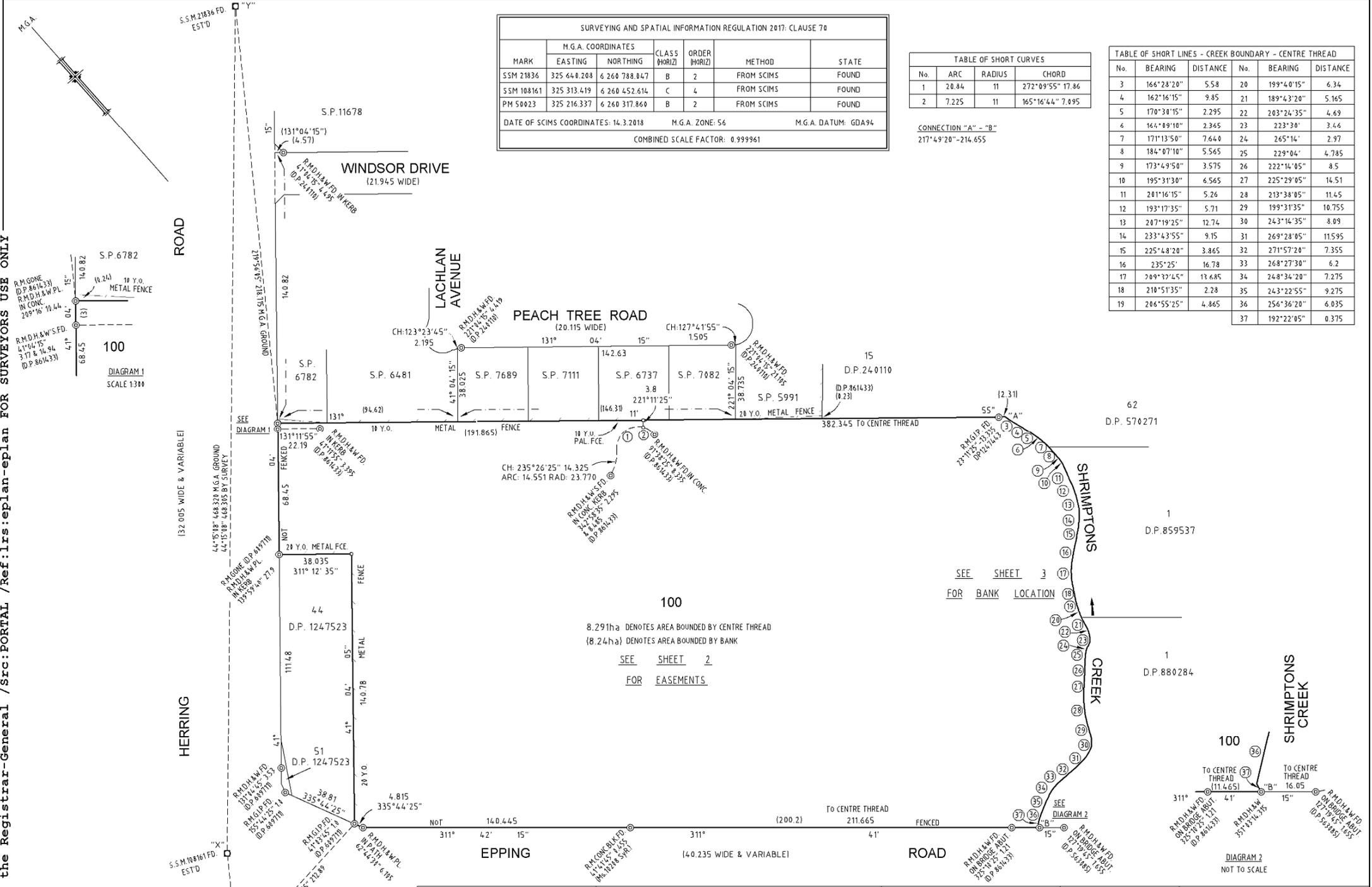
SURVEYING AND SPATIAL INFORMATION REGULATION 2017: CLAUSE 70						
MARK	M.G.A. COORDINATES		CLASS (HORIZ)	ORDER (HORIZ)	METHOD	STATE
	EASTING	NORTHING				
SSM 21836	325 648.208	6 260 788.847	B	2	FROM SCIMS	FOUND
SSM 108161	325 313.419	6 260 452.614	C	4	FROM SCIMS	FOUND
PM 50023	325 216.337	6 260 317.860	B	2	FROM SCIMS	FOUND

DATE OF SCIMS COORDINATES: 14.3.2018 M.G.A. ZONE: 56 M.G.A. DATUM: GDA94  
 COMBINED SCALE FACTOR: 0.999961

TABLE OF SHORT CURVES			
No.	ARC	RADIUS	CHORD
1	20.84	11	272°09'55" 17.86
2	7.225	11	165°16'44" 7.095

CONNECTION "A" - "B"  
 217°49'20" - 214.655

TABLE OF SHORT LINES - CREEK BOUNDARY - CENTRE THREAD					
No.	BEARING	DISTANCE	No.	BEARING	DISTANCE
3	166°28'20"	5.58	20	199°40'15"	6.34
4	162°16'15"	9.85	21	189°43'20"	5.165
5	170°30'15"	2.295	22	203°24'35"	4.69
6	164°49'10"	2.365	23	223°30'	3.44
7	171°13'50"	7.640	24	265°14'	2.97
8	184°07'10"	5.565	25	229°04'	4.785
9	173°49'50"	3.575	26	222°14'05"	8.5
10	195°31'30"	6.565	27	225°29'05"	14.51
11	201°16'15"	5.26	28	213°38'05"	11.45
12	193°17'35"	5.71	29	199°31'35"	10.755
13	207°19'25"	12.74	30	243°16'35"	8.09
14	233°43'55"	9.15	31	269°28'05"	11.595
15	225°48'20"	3.865	32	271°57'20"	7.355
16	235°25'	16.78	33	268°27'30"	6.2
17	209°37'45"	13.685	34	248°34'20"	7.275
18	210°51'35"	2.28	35	243°22'55"	9.275
19	206°55'25"	4.865	36	256°36'20"	6.035
			37	192°22'05"	0.375



Surveyor: PHILLIP J McQUILLAN  
 Date of Survey: 4-4-2018  
 Surveyor's Ref: 1601644 CONSOL

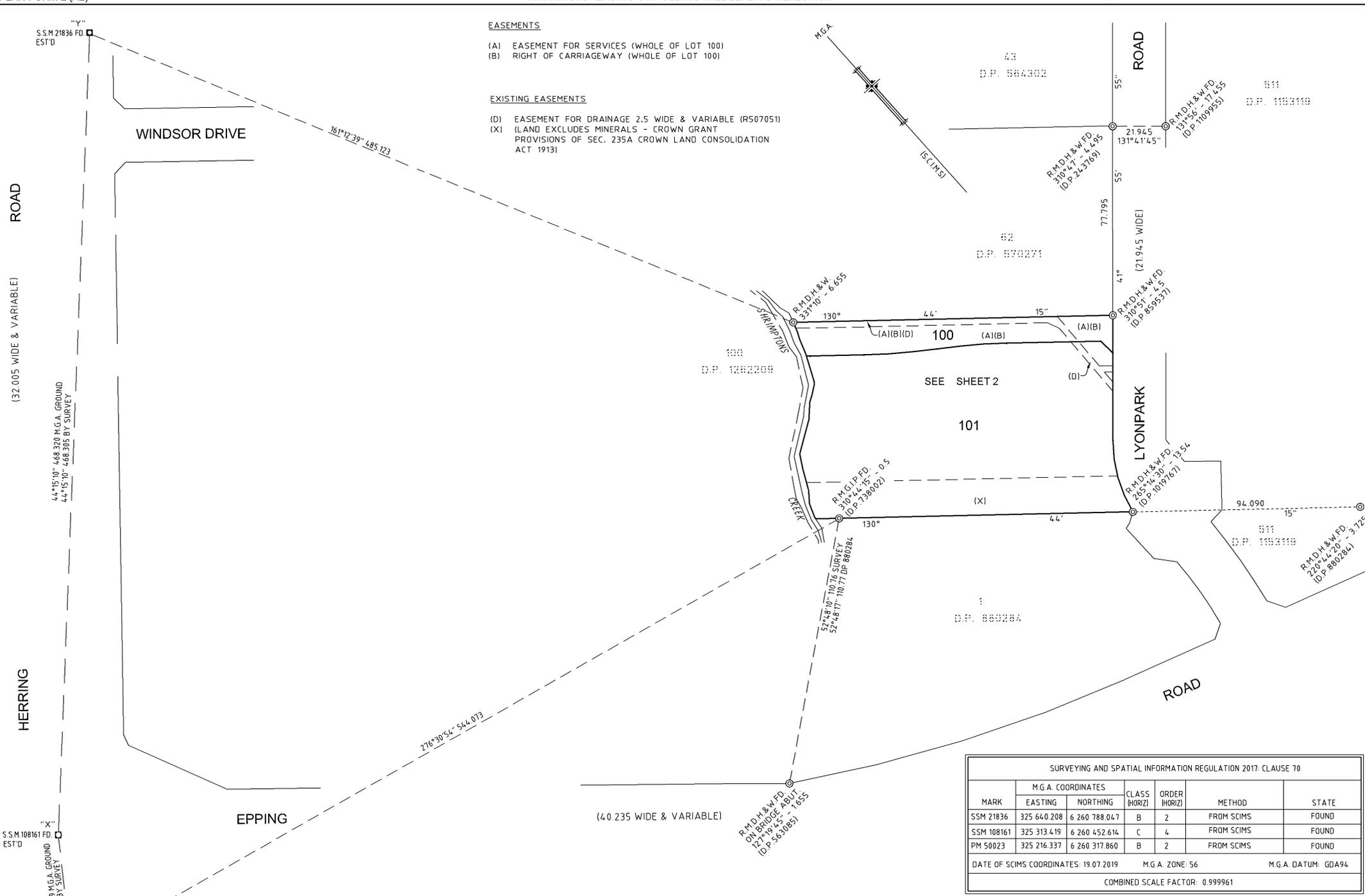
PLAN OF CONSOLIDATION OF LOT 100 D.P.1223787,  
 LOT 5 D.P.740753 & LOTS 6,7,8,10,11,12,13,14,15,16,17,  
 18,19, 20 D.P. 861433 & LOT 101 D.P.1247443

LGA: RYDE  
 Locality: MACQUARIE PARK  
 Subdivision No:  
 Lengths are in metres Reduction Ratio 1:1250

Registered  
 06.04.2020

DP1262209

Req: R889933 / Doc: DP 1263727 P / Rev: 30-Oct-2020 / NSW LRS / Pgs: ALL / Prt: 02-Nov-2020 03:31 / Seq: 1 of 4  
Office of the Registrar-General / Src: PORTAL / Ref: lrs:eplan-eplan FOR SURVEYORS USE ONLY



- EASEMENTS**
- (A) EASEMENT FOR SERVICES (WHOLE OF LOT 100)
  - (B) RIGHT OF CARRIAGEWAY (WHOLE OF LOT 100)
- EXISTING EASEMENTS**
- (D) EASEMENT FOR DRAINAGE 2.5 WIDE & VARIABLE (R507051)
  - (X) (LAND EXCLUDES MINERALS - CROWN GRANT PROVISIONS OF SEC. 235A CROWN LAND CONSOLIDATION ACT 1913)

SURVEYING AND SPATIAL INFORMATION REGULATION 2017: CLAUSE 70						
MARK	M.G.A. COORDINATES		CLASS (HORIZI)	ORDER (HORIZI)	METHOD	STATE
	EASTING	NORTHING				
SSM 21836	325 640.208	6 260 788.047	B	2	FROM SCIMS	FOUND
SSM 108161	325 313.419	6 260 452.614	C	4	FROM SCIMS	FOUND
PM 50023	325 216.337	6 260 317.860	B	2	FROM SCIMS	FOUND
DATE OF SCIMS COORDINATES: 19.07.2019		M.G.A. ZONE: 56		M.G.A. DATUM: GDA94		
COMBINED SCALE FACTOR: 0.999961						

Surveyor: PHILLIP J McQUILLAN Date of Survey: 22-07-2019 Surveyor's Ref: 1601644 Sur06a	<b>PLAN OF SUBDIVISION OF LOT 1 DP859537</b>	LGA: RYDE Locality: MACQUARIE PARK Subdivision No: 16139 Lengths are in metres. Reduction Ratio 1:1000	Registered  <b>30.10.2020</b>	<b>DP1263727</b>
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