



Additional crossing of the Clarence River, Grafton: Additional archival recording of heritage items

Prepared for Roads and Maritime Services
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Glossary and abbreviations

Term	Definition
AR	Archival report
CBD	Central Business District
EMM	Environmental Management Measures
Historical context	Physical description, historical outline and statement of significance for the heritage item.
LGA	Local Government Authority
MCoA	Ministers Conditions of Approval
NSW	New South Wales
Photographic index	Method of photography and index of photographs comprising archival recording detailing the aspect, description, date.
Photographic plan	Details of location and aspect of photographs taken overlying a modern aerial image of the heritage item. Photographic numbers depicted in the plan are cross-referenced with the Photographic index.
Photographic catalogue	Proofs of each digital image taken for the heritage item with corresponding number depicted on the photographic plan and detailed in the photographic index

1 Introduction

1.1 Study background

Biosis Pty Ltd has been commissioned by Roads and Maritime Services to undertake pre-construction photographic archival recording of heritage items: CZB13, CZB16, CZB17, CZB24, CZB29, CZB30, CZB34, CZB36 and C3 as per the Environmental Management Measure (EMM) NH6. This report presents these archival recordings in addition to the previous archival recording's of heritage items CZB10, CZB11, CZB18, CZB19, CZB20 & CZB21, CZB25, CZB26, CZB27, CZB28, CZB31, CZB32, CZB33, CZB35, and CZB37 undertaken by Biosis in the report '*Archival recording of heritage items, Grafton, NSW*', completed in May 2016.

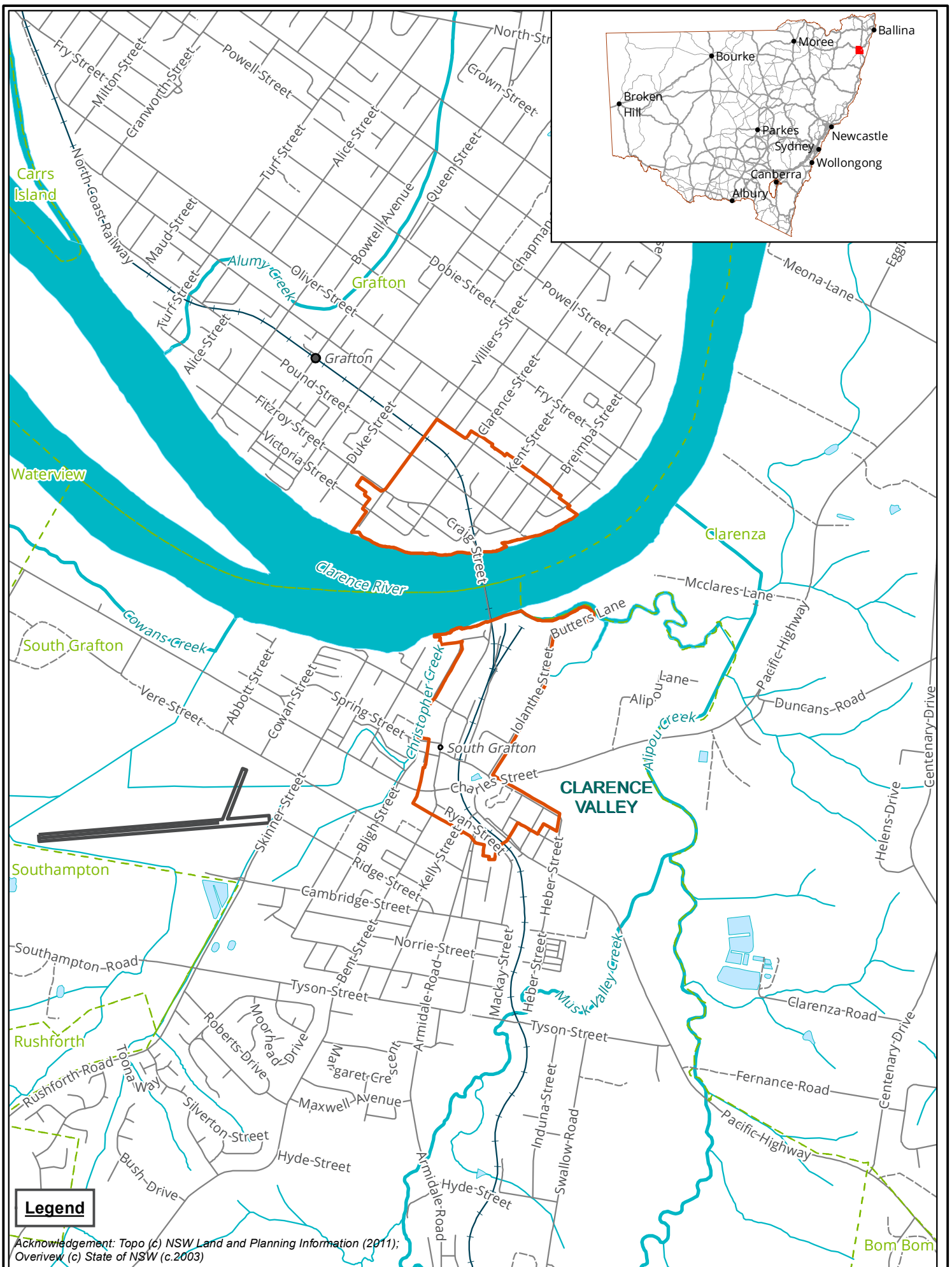
The EMM NH6 requires that preparation of an archival record be made before impact occurs and at the completion of the project. Archival recording will be prepared for the following heritage items: CZB10, CZB11, CZB13, CZB16, CZB17, CZB18, CZB19, CZB20 & CZB21, CZB24, CZB25, CZB26, CZB27, CZB28, CZB29, CZB30, CZB31, CZB32, CZB33, CZB34, CZB35, CZB36 and CZB37. Archival recording will also be carried out for portions of Pound Street within the Grafton Conservation Area (C3). The archival records will record the process of development and alterations to heritage values. A program of archival recording will be completed before impacts occur and at the completion of the project. All archival recording will be completed in accordance with the Heritage Branch guidelines *How to Prepare Archival Records for Heritage Items* and *Photographic Recording of Heritage Items Using Film or Digital Capture* (Heritage Office 2001, revised 2004, 2006). Post-construction archival recording will be undertaken by others.

This report presents archival recordings collected on 27 and 28 July 2016 within the study area. The archival record has been prepared in accordance with the MCoA and the Heritage Division guidelines *How to Prepare Archival Records of Heritage Items* (Heritage Office 1998) and *Photographic Recording of Heritage Items Using Film or Digital Capture* (Heritage Office 2001, revised 2004, 2006). Condition B16 states that the archival recordings be undertaken by an experienced heritage professional. The work was undertaken by Lian Flannery, an archaeologist with over seven years experience in the heritage industry. A curriculum vita has been provided in Appendix 2. Samantha Keats completed various written parts of this report.

1.2 Study area

The study area is located in Grafton and South Grafton in the Clarence Valley Council, local government area (LGA), on the NSW Mid North Coast; about 610 kilometres north of Sydney (see Figure 1 and Figure 2). The study area consisted of eight locations within the overarching project area as required by EMM NH6:

- Street trees.
- 12 Clarence Street, Grafton, lot 1 DP 710917.
- 10 Clarence Street, Grafton, lot 20 DP 8220.
- 22 Kent Street, Grafton, lot 2 DP 564774.
- 14 Pound Street, Grafton, lot 4 DP 781258.
- 1 Pound Street, Grafton, lot 1 DP 12717.
- Portions of Pound Street, Grafton.
- Grafton Rail and Road Bridge.



Acknowledgement: Topo (c) NSW Land and Planning Information (2011);
 Overview (c) State of NSW (c.2003)

Figure 1: Study area in a regional context



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Matter: 22849
 Date: 02 August 2016,
 Checked by: LCF, Drawn by: JMS, Last edited by: jshepherd
 Location: P:\22800s\22849\Mapping\

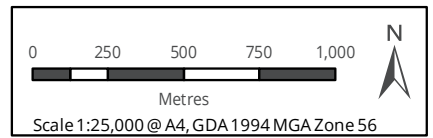




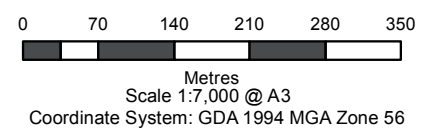
Figure 2: Study area in a local context



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Acknowledgements: Imagery (c) Nearmap 2014
Topo (c) NSW Land and Planning Information (2012)

Matter: 22849
Date: 02 August 2016.
Checked by: LCF, Drawn by: JMS, Last edited by: jshepherd
Location: P:\22800s\22849\Mapping\22849_AR_F2_Overview



2 Method

2.1 Archival recording method

This archival report has been prepared in accordance with the following NSW Heritage Branch guidelines as a best practice approach to archival photographic recordings:

- *How to prepare archival recordings of heritage items* (Heritage Office 1998).
- *Photographic recording of heritage items using film or digital capture* (Heritage Office 2001, revised 2004, 2006).

Archival recordings were collected on 27 and 28 July 2016 by Lian Flannery. The archival recording consists of a photographic recording which encompasses views to and from the item from several angles, in detail and showing its relationship to its surrounding landscape. Views of each are recorded along with other significant details. Where structures will be removed or destroyed, photographs of each internal elevation was recorded. Where applicable, photographs include a scale.

The tables following are the requirements for digital recording and reporting as per the guidelines which have been followed by this report.

Table 1 Minimum requirements for digital photographic report

Guideline requirements	Where addressed
A very brief report or introduction which explains the purposes of the report and gives a brief description of the subject, as well as details of the sequence in which images were taken. The report may also address the limitations of the photographic record and may make recommendations for future work.	Addressed in the historical context sections of this report.
The report should include all technical details including camera and lenses, image file size and format, technical metadata associated with the images, and colour information.	Addressed in the photographic index sections of this report.
The report should also contain the catalogue sheets, photographic plan, and supplementary maps or plans.	Addressed in the photographic plan and index sections of this report.

Table 2 Minimum requirements for printing of digital materials

Guideline requirements	Where addressed
Three hard (paper) copies of the photographic report including catalogue sheets, photographic plan and supplementary maps.	The printing and dissemination of the report will follow these guidelines once acceptance of the final version of the report has been received by the client.
Three sets of thumbnail image sheets (e.g. A4 photographic paper with six images by six images) showing images and file numbers. Thumbnail image sheets should be processed with archivally stable inks using approved archival photographic papers and cross	The printing and dissemination of the report will follow these guidelines once acceptance of the final version of the report has been received by the client.

Guideline requirements	Where addressed
referenced to catalogue sheets.	
Three copies of archival quality CD-R discs containing electronic images files and associated metadata, cross-referenced to catalogue sheets. If there are a large number of images, then DVD media can be used.	The printing and dissemination of the report will follow these guidelines once acceptance of the final version of the report has been received by the client.
One set of 10.5 x 14.8cm (A6), prints using archival quality paper and archivally stable inks. If the study is very large and includes a considerable number of digital images, key or representative images may be selected for reproduction at 10.5 x 14.8cm.	The printing and dissemination of the report will follow these guidelines once acceptance of the final version of the report has been received by the client.

Table 3 Checklist for archival recording

Digital studies	Yes	No
Is there a hardcopy report?	X	
Does the hardcopy report contain:		
a) thumbnail proof sheet processed in an archivally acceptable method?	X	
b) proof sheet properly sleeved in archival protective pages?	X	
c) appropriate electronic storage media with report and images?	X	
d) cameras, lenses, and accessories details?	X	
e) map showing image location and details?	X	
f) list of all images, correctly numbered and described?	X	
Is there an electronic report?	X	
How is the information stored?		
a) CD Rom – what type		
b) DVD – what type	X - DVD-R	
c) Other		
Can the storage media be opened?	X	
Is the information the same as that contained in the hardcopy report?	X	
Are the images saved as TIFF files, contain metadata and follow guidelines?	X	
If not, what is the file format & where have they diverted from guidelines? Is the storage media filed in an acceptable container?		
Is there a back-up copy stored with the hardcopy report?	X	
Is there a full set of 10.5 x 14.8 (A6) images processed with archivally stable inks and paper?	X	
Comments for either film and/or digital reports:		

Source: *Photographic recording of heritage items using film or digital capture* (Heritage Office 2001, revised 2004, 2006 [Appendix B]).

2.2 Report structure

This archival report has been prepared in accordance with NSW Heritage Office guidelines and includes:

- A title page.
- A brief introduction that outlines the reasons and purposes of the archival record.
- A brief section on the location of the subject site, a brief history and any other information available on existing significance assessments.
- A methodology that describes the process of photography and the limitations of the study.
- The methodology will include the technical details associated with the photography, including a description of the cross referencing system employed.
- A photographic catalogue that references the photographic plan.
- A photographic plan that references the photographic catalogue.

The catalogue includes information relating to the photographer, subject, direction and lens. The number of each photograph has a corresponding number on the base plan showing the location and direction of the photograph. The information on the plans shows the sequence in which the photographs were taken.

2.3 Limitations

Photographic recording of sections of the Grafton Rail and Road Bridge was limited due to inaccessibility of the roadway sections of the bridge. All historical information and statements of significance have been sourced from the New South Wales Heritage Register. Some items have incomplete information. The research of the recorded items is beyond the scope of the report therefore incomplete information may be present for some recorded items.

3 CZB13: Street trees

3.1 Historical context

Table 4 Historical summary, site description and statement of significance for CZB13: Street trees, Grafton

Historical summary

Breimba Street:

The Daily Examiner 16/5/1939 reported in the section Council News "that Mr G. A. Jago had applied to council to plant trees in the section of Breimba street between Pound and Dovedale street". Mr Jago offered to provide the trees himself. He had chosen *Ficus hillii*, a species planted elsewhere in Grafton. The seventeen fig trees grew successfully in this part of town but were not always loved by the residents in Breimba Street, as they cast shade and dropped leaves. Some wanted them removed.

Subsequently they were classified as historically significant by the National Trust and are now protected on Clarence Valleys Local Environmental Plan.

Palm trees:

The history of this particular planting is unknown. They were possibly planted in 1918 when Prince Street was remodelled and a garden bed created in the centre of the street. Palms of this species can be seen in a 1930 photograph of Prince Street held by the Clarence River Historical Society.

Trees:

No historical research undertaken on the planting of these trees.

Site description

Breimba Street:

An avenue of seventeen giant fig trees known as *Ficus macrocarpa* (var. *hillii*) also known as Hill's Fig. Nine are on the north side of Breimba Street and eight on the south. The trees now meet in the middle some 20 - 30 metres above the road, thus forming an avenue of impressive proportions.

Palm trees:

Located outside Clarence Valley Council Chambers at the end of Prince street are four mature palm trees growing in a grassy centre street reserve. They are part of an earlier centre street planting possibly undertaken in 1918. A line of similar mature palms are located in the adjacent Memorial Park.

Trees:

A mature avenue of trees extends from the roundabout at Ryan Street to Spring Street. Trees represent several species and include camphor laurels. Curving over the roadway they make a significant entry into the main CBD of South Grafton and provide a setting for the historic St Patrick's Church.

Statement of significance

The following statement of significance is from the NSW heritage register for the following:

Breimba Street:

This magnificent avenue of giant fig trees, which extend along either side of Breimba Street between Pound and Bacon Streets, has historical significance demonstrating the long-standing concern of Grafton's citizens with the idea of civic beauty. Grafton is known for its famous stands of street trees and this street is representative of the many street plantings in Grafton.

Palm trees:

These four palm trees are historically significant illustrating the continuing desire by Council to beautify the City. They are thought to represent the last remains of a c1918 remodeling of Prince Street.

Trees:

This avenue of mature trees from Ryan Street to Spring Street is aesthetically significant and provides a leafy green entry to the historic South Grafton CBD. Trees include camphor laurels (now classified as weeds) and Bunya Pines.

3.2 Photographic index

Table 5 CZB13: Street trees, Grafton, photographic details

Archival photography digital image catalogue sheet			
Study name	Grafton– Archival Recording		
Camera	Canon EOS 350D	Lenses	18–55 mm
Sensor size	1.5	35 mm Lens Equivalent	1:3.5–5.6
Proof #	1	Photographer	Lian Flannery

Table 6 External photographic index for CZB13: Street trees, Grafton

Image file no.	Date	Description	Orientation
9844	28/07/2016	Tree on north-east bank	NE
9973	28/07/2016	Trees in park area	NW
9974	28/07/2016	Wooden bridge section	NW
9975	28/07/2016	Grafton's Timber Heritage sign	NE
9976	28/07/2016	Trees in park area	S
9977	28/07/2016	Trees in park area	W
9936	28/07/2016	Trees on Bent Street	S
9968	28/07/2016	Trees on Bent Street	NE

Image file no.	Date	Description	Orientation
9969	28/07/2016	Trees on Bent Street	NE
9970	28/07/2016	Trees on Bent Street	NE
9971	28/07/2016	Trees on Bent Street	E
9972	28/07/2016	Trees on Bent Street	NW
9739	28/07/2016	Trees on Breimba Street	NE
9740	28/07/2016	Trees on Breimba Street	SW
9741	28/07/2016	Trees on Breimba Street	NW
9742	28/07/2016	Trees on Breimba Street	SW
9743	28/07/2016	Trees on Breimba Street	NW
9744	28/07/2016	Trees on Breimba Street	SW
9745	28/07/2016	Trees on Breimba Street	NW
9746	28/07/2016	Trees on Breimba Street	SW
9747	28/07/2016	Trees on Breimba Street from across the Bacon Street intersection	SW
9748	28/07/2016	Trees on Breimba Street from across the Bacon Street intersection	SW
9749	28/07/2016	Trees on Breimba Street from across the Bacon Street intersection	SW
9750	28/07/2016	Trees on Breimba Street from across the Bacon Street intersection	S
9751	28/07/2016	Trees on Breimba Street from across the Bacon Street intersection	W
9752	28/07/2016	Trees on Breimba Street from the corner of Breimba Street and Bacon Street	SW
9753	28/07/2016	Trees on Breimba Street from the corner of Breimba Street and Bacon Street	S
9754	28/07/2016	View of the trees on Breimba Street from Pound Street	NE
9687	28/07/2016	Street trees on Clarence Street	S
9688	28/07/2016	Street trees on Clarence Street	NE
9689	28/07/2016	Street trees on Clarence Street	NE
9690	28/07/2016	Street trees on Clarence Street	NW
9925	28/07/2016	Street trees on Clarence Street	NW
9926	28/07/2016	Street trees on Clarence Street	NW
9927	28/07/2016	Street trees on Clarence Street	NW
9928	28/07/2016	Street trees on Clarence Street	W
9929	28/07/2016	Street trees on Clarence Street	NW

Image file no.	Date	Description	Orientation
9930	28/07/2016	Street trees on Clarence Street	NW
9931	28/07/2016	Street trees on Clarence Street	NW
9937	28/07/2016	Street trees on Clarence Street	W
9938	28/07/2016	Street trees on Clarence Street	W
9845	28/07/2016	Street trees on Clarence Street	NW
9932	28/07/2016	Trees on TAFE campus	NW
9933	28/07/2016	Trees on TAFE campus	NW
9934	28/07/2016	Trees on TAFE campus	NW
9935	28/07/2016	Trees on TAFE campus	NE
9978	28/07/2016	Trees on the corner of Bligh Street and Bent Street	E
9979	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NE
9980	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NE
9981	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NW
9982	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NW
9983	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NW
9984	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NW
9985	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NE
9986	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NE
9987	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NW
9988	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NW
9989	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NW
9990	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NW
9991	28/07/2016	Trees on the corner of Bligh Street and Bent Street	NW
9992	28/07/2016	Trees on the corner of Bligh Street and Bent Street	W
9993	28/07/2016	Trees on the corner of Bligh Street and Bent Street	SE
9994	28/07/2016	Trees on the corner of Bligh Street and Bent Street	SW
9839	28/07/2016	Trees on the north-east bank of the Clarence River	W
9840	28/07/2016	Trees on the north-east bank of the Clarence River	NW
9841	28/07/2016	Trees on the north-east bank of the Clarence River	NW

Image file no.	Date	Description	Orientation
9939	28/07/2016	Trees on the north-east bank of the Clarence River, just off Victoria Street	NW
9940	28/07/2016	Trees on the north-east bank of the Clarence River, just off Victoria Street	NW
9941	28/07/2016	Trees on the north-east bank of the Clarence River, just off Victoria Street	NW
9942	28/07/2016	Trees on the north-east bank of the Clarence River, just off Victoria Street	NE
9943	28/07/2016	Trees on the north-east bank of the Clarence River, just off Victoria Street	NE
9944	28/07/2016	Trees on the north-east bank of the Clarence River, just off Victoria Street	E
9945	28/07/2016	Trees on the north-east bank of the Clarence River, just off Victoria Street	NE
9849	28/07/2016	Trees on the north-west bank of the Clarence River	W
9850	28/07/2016	Trees on the north-west bank of the Clarence River	NE
9851	28/07/2016	Trees on the north-west bank of the Clarence River	SW
9852	28/07/2016	Trees on the north-west bank of the Clarence River	W
9853	28/07/2016	Trees on the north-west bank of the Clarence River	SE
9854	28/07/2016	Trees on the north-west bank of the Clarence River	NW
9855	28/07/2016	Trees on the north-west bank of the Clarence River	NW
9856	28/07/2016	Trees on the north-west bank of the Clarence River	NW
9857	28/07/2016	Trees on the north-west bank of the Clarence River	NW
9946	28/07/2016	Street trees on Victoria Street	NW
9947	28/07/2016	Street trees on Victoria Street	NW
9948	28/07/2016	Street trees on Victoria Street	NW
9949	28/07/2016	Street trees on Victoria Street	NW
9950	28/07/2016	Street trees on Victoria Street	NW
9951	28/07/2016	Street trees on Victoria Street	NW
9952	28/07/2016	Street trees on Victoria Street	NW
9953	28/07/2016	Street trees on Victoria Street	NW
9954	28/07/2016	Street trees on Victoria Street	E
9955	28/07/2016	Street trees on Victoria Street	NW
9956	28/07/2016	Street trees on Victoria Street	NW
9957	28/07/2016	Street trees on Victoria Street	SE
9958	28/07/2016	Street trees on Victoria Street	W

Image file no.	Date	Description	Orientation
9959	28/07/2016	Street trees on Victoria Street	W
9960	28/07/2016	Street trees on Victoria Street	SE
9961	28/07/2016	Street trees on Victoria Street	S
9962	28/07/2016	Street trees on Victoria Street	NE
9963	28/07/2016	Street trees on Victoria Street	E
9964	28/07/2016	Street trees on Victoria Street	E
9965	28/07/2016	Street trees on Victoria Street	NE
9966	28/07/2016	Street trees on Victoria Street	E
9967	28/07/2016	Street trees on Victoria Street	NW

3.3 Photographic plan & catalogue

The following section contains maps showing the locations of the exterior photographs (Figure 3). This section is followed by a photographic catalogue of all images taken of the property referenced against the photographic index and maps.



Legend



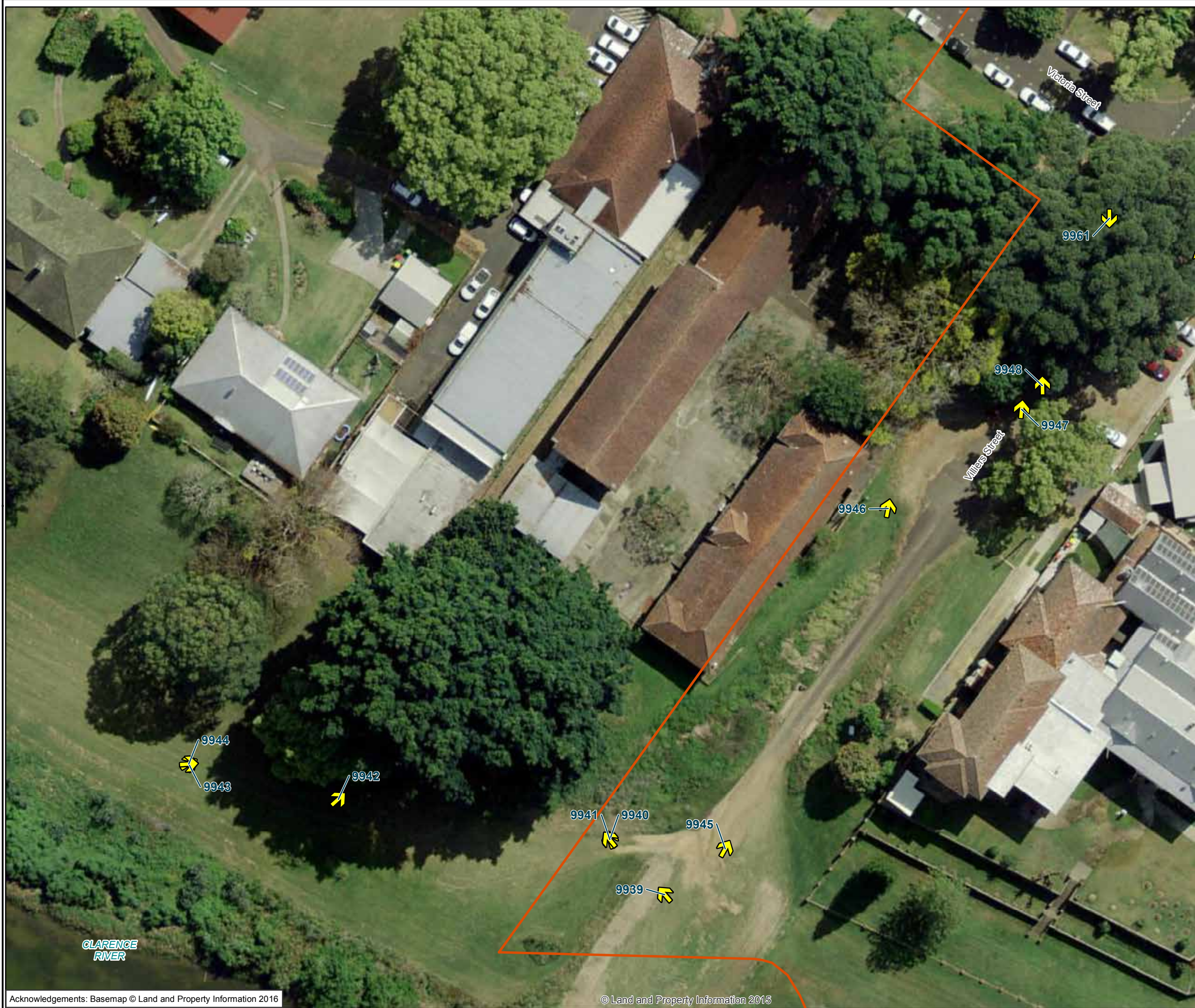
-  Study area
-  Location of photo & direction

Figure 3.1: CZB13 photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



Matter: 22849
 Date: 24 August 2016
 Checked by: LCF, Drawn by: JMS/ANP, Last edited by: aprichard
 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook



Legend

- Study area
- ↗ Location of photo & direction

Figure 3.2: CZB13 photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook

CLARENCE RIVER






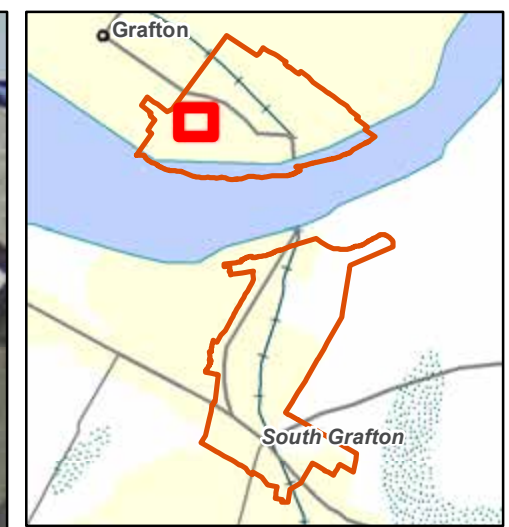
Legend
 Study area
 Location of photo & direction

Figure 3.3: CZB13 photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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 Location: P:\22800s\22849\Mapping\22849_AR_F3-17_PhotoLocations_Mapbook



Legend

- Study area
- ↗ Location of photo & direction

Figure 3.4: CZB13 photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook

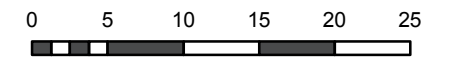
Clarence Street



Legend

- Study area
- ↗ Location of photo & direction

Figure 3.5: CZB13 photo locations



Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook



Legend

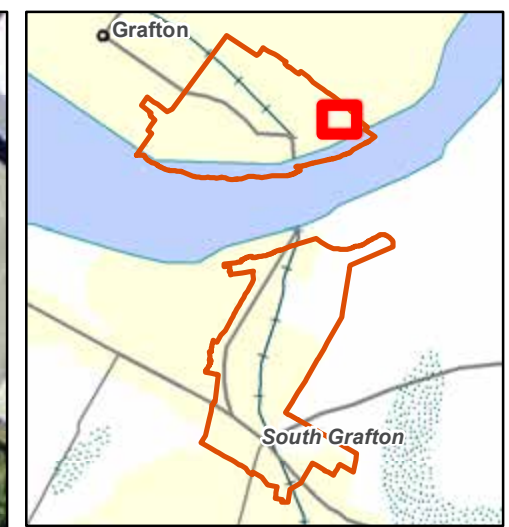
- Study area
- ↖ Location of photo & direction

Figure 3.6: CZB13 photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



Matter: 22849
 Date: 24 August 2016
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 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook




Legend

- Study area
- ↗ Location of photo & direction

Figure 3.7: CZB13 photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



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Legend

- Study area
- ↗ Location of photo & direction

Figure 3.8: CZB13 photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook



Legend



-  Study area
-  Location of photo & direction

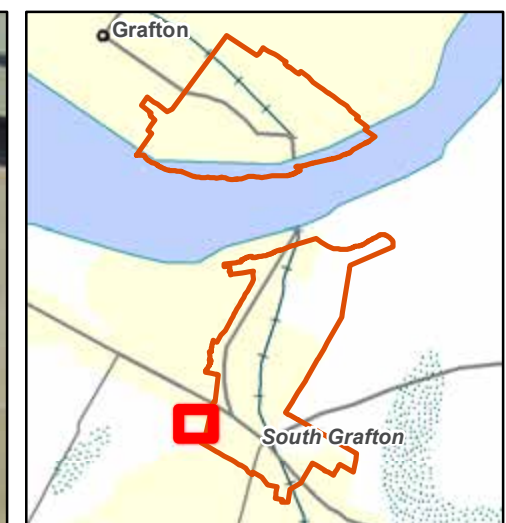
Figure 3.9: CZB13 photo locations



Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook



Legend

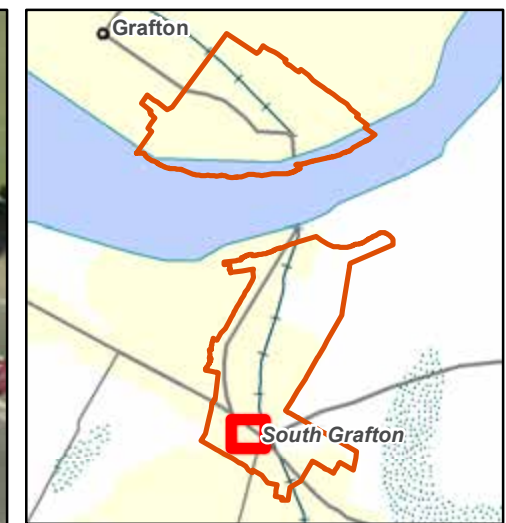
- Study area
- ↗ Location of photo & direction

Figure 3.10: CZB13 photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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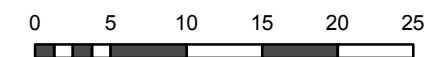
Matter: 22849
 Date: 24 August 2016,
 Checked by: LCF, Drawn by: JMS/ANP, Last edited by: aprichard
 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook



Legend

- Study area
- ↑ Location of photo & direction

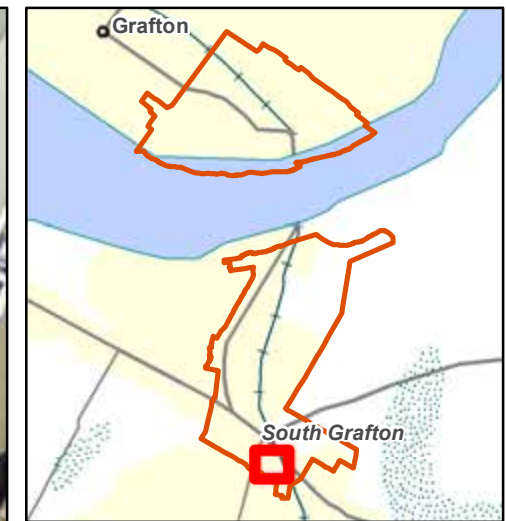
Figure 3.11: CZB13 photo locations



Metres
Scale: 1:500 @ A3
Coordinate System: GDA 1994 MGA Zone 56



Matter: 22849
Date: 24 August 2016,
Checked by: LCF, Drawn by: JMS/ANP, Last edited by: aprichard
Location: P:\22800s\22849\Mapping\22849_AR_F3-17_PhotoLocations_Mapbook




Legend

- Study area
- ↖ Location of photo & direction

Figure 3.12: CZB13 photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



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Legend



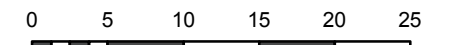
-  Study area
-  Location of photo & direction

Figure 3.13: CZB13 photo locations



Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



Matter: 22849
 Date: 24 August 2016,
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 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook

Plate 1 External photographic catalogue for CZB13: Street trees, Grafton



IMG_9689.JPG



IMG_9690.JPG



IMG_9739.JPG



IMG_9740.JPG



IMG_9741.JPG



IMG_9742.JPG



IMG_9743.JPG



IMG_9744.JPG



IMG_9745.JPG



IMG_9746.JPG



IMG_9747.JPG



IMG_9748.JPG



IMG_9749.JPG



IMG_9750.JPG



IMG_9751.JPG



IMG_9752.JPG



IMG_9753.JPG



IMG_9754.JPG



IMG_9839.JPG



IMG_9840.JPG



IMG_9841.JPG



IMG_9844.JPG



IMG_9845.JPG



IMG_9849.JPG



IMG_9850.JPG



IMG_9851.JPG



IMG_9852.JPG



IMG_9853.JPG



IMG_9854.JPG



IMG_9855.JPG



IMG_9856.JPG



IMG_9857.JPG



IMG_9925.JPG



IMG_9926.JPG



IMG_9927.JPG



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IMG_9944.JPG



IMG_9945.JPG



IMG_9946.JPG



IMG_9947.JPG



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IMG_9975.JPG



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IMG_9980.JPG



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IMG_9993.JPG



IMG_9994.JPG



IMG_9687.JPG



IMG_9688.JPG

4 CZB16: 12 Clarence Street, Grafton

4.1 Historical context

Table 7 Historical summary, site description and statement of significance for CZB16: 12 Clarence Street, Grafton

Historical summary
No historical research undertaken.
Site description
A single storey weatherboard clad residence with central front door and French doors to either side. Steeply pitched hipped iron roof with a skillion roof over verandahs, which extend around three sides. The verandah on the northern end has been enclosed with aluminium windows and timber-like cladding. The verandah is supported by timber posts and below the verandah rail is infilled with lattice. Joinery appears original to the main house with fan lights above the front door. No front fence or historically significant garden.
Statement of significance
The following statement of significance is from the NSW heritage register: <i>This c1900 or earlier weatherboard clad dwelling with original joinery contributes to Clarence streetscape. Set back on the block on the same alignment as 10 Clarence Street it tells of the growth of Grafton. Both dwellings have a pleasing backdrop of mature trees.</i>

4.2 Photographic index

Table 8 CZB16: 12 Clarence Street, Grafton

Archival photography digital image catalogue sheet			
Study name	Grafton– Archival Recording		
Camera	Canon EOS 350D	Lenses	18–55 mm
Sensor size	1.5	35 mm lens equivalent	1:3.5–5.6
Proof #	1	Photographer	Lian Flannery

Table 9 External photographic index for CZB16: 12 Clarence Street, Grafton

Image file no.	Date	Description	Orientation
9691	27/07/2016	12 Clarence Street	E
9692	27/07/2016	12 Clarence Street	E
9693	27/07/2016	12 Clarence Street	NE
9694	27/07/2016	12 Clarence Street	E
9695	27/07/2016	View from 12 Clarence Street	W
9696	27/07/2016	View from 12 Clarence Street	NW
9697	27/07/2016	View from 12 Clarence Street	NW
9698	27/07/2016	12 Clarence Street	SE
9699	27/07/2016	View from 12 Clarence Street	NE
9700	27/07/2016	12 Clarence Street	SE
9701	27/07/2016	12 Clarence Street	SE
9702	27/07/2016	12 Clarence Street	S

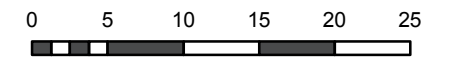
4.3 Photographic plan & catalogue

The following section contains maps showing the locations of the exterior photographs (Figure 4). This section is followed by a Photographic catalogue of all images taken of the property referenced against the photographic index and maps.



- Legend**
- Study area
 - ↗ Location of photo & direction
 - Property boundary

Figure 4: CZB16 12 Clarence Street photo locations



Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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Plate 2 External photographic catalogue for CZB16: 12 Clarence Street, Grafton



IMG_9691.JPG



IMG_9692.JPG



IMG_9693.JPG



IMG_9694.JPG



IMG_9695.JPG



IMG_9696.JPG



IMG_9697.JPG



IMG_9698.JPG



IMG_9699.JPG



IMG_9700.JPG



IMG_9701.JPG



IMG_9702.JPG

5 CZB17: 10 Clarence Street, Grafton

5.1 Historical context

Table 10 Historical summary, site description and statement of Significance for CZB17: 10 Clarence Street, Grafton

Historical summary			
The early history of this dwelling is unknown. Sewer plans dated 1941 state the owner was a Mr MA Sherlock of 47 Lancaster Ave, Ryde			
Site description			
Set well back on a large block this single storey weatherboard clad bungalow with verandah on three sides is typical of its type. The hipped iron roof extends across the deep verandahs and is supported by plain timber posts. Below the verandah rails is infilled with pickets. Some fibro-cement sheeting has been used for privacy on the northern side verandah. It sits on brick stumps and has a backdrop of mature trees. No fence to the front. It makes an important contribution to the historic streetscape with a similar dwelling at 12 Clarence Street.			
Statement of significance			
The following statement of significance is from the NSW heritage register:			
<i>This single storey weatherboard clad bungalow c1900, is set back on a large block with a back drop of mature trees. It may be a pair with 12 Clarence Street. It is historically significant demonstrating growth in Grafton and contributes to the city's social history.</i>			

5.2 Photographic index

Table 11 CZB17: 10 Clarence Street, Grafton, photographic details

Archival photography digital image catalogue sheet			
Study name	Grafton– Archival Recording		
Camera	Canon EOS 350D	Lenses	18–55 mm
Sensor size	1.5	35 mm lens equivalent	1:3.5–5.6
Proof #	1	Photographer	Lian Flannery



- Legend**
- Study area
 - ↗ Location of photo & direction
 - Property boundary

Figure 5: CZB17 10 Clarence Street photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook

Plate 3 External photographic catalogue for CZB17: 10 Clarence Street, Grafton



IMG_9673.JPG



IMG_9674.JPG



IMG_9675.JPG



IMG_9676.JPG



IMG_9677.JPG



IMG_9678.JPG



IMG_9679.JPG



IMG_9680.JPG



IMG_9681.JPG



IMG_9682.JPG



IMG_9683.JPG



IMG_9684.JPG



IMG_9685.JPG



IMG_9686.JPG

6 CZB24: 22 Kent Street, Grafton

6.1 Historical context

Table 13 Historical summary, site description and statement of significance for CZB24: 22 Kent Street, Grafton

Historical summary			
<p>The early history of this dwelling is unknown but drainage diagrams dated 29/9/1939 show the owner as Mr B. C. Eggins who was Mayor of Grafton from 1932 -1935. B.C Eggins is likely to be Bertie Clarence the son of Albert and Susannah Eggins, settlers on the Clarence.</p>			
Site description			
<p>Weather board inter-war bungalow with wide gable to the front which extends over the verandah. Original joinery with casement windows. Timber verandah posts with lattice for privacy and feather work on weatherboards below the verandah rail. Decorative timber work under the verandah board. Timber sunshade over front window. Wing to the rear with original flat topped brick chimney. Underneath the verandah and staircase has been infilled with red brick. Separated from the street by a low post and rail fence.</p>			
Statement of Significance			
<p>The following statement of significance is from the NSW heritage register:</p> <p><i>While raised above flood levels, this is a representative example of an inter-war bungalow with much decorative timberwork. It is one of group of three similar residences in Kent street and compliments the streetscape. It is also significant for its association with Mr B. C. Eggins who was Mayor of Grafton from 1932 -1935.</i></p>			

6.2 Photographic index

Table 14 CZB24: 22 Kent Street, Grafton, photographic details

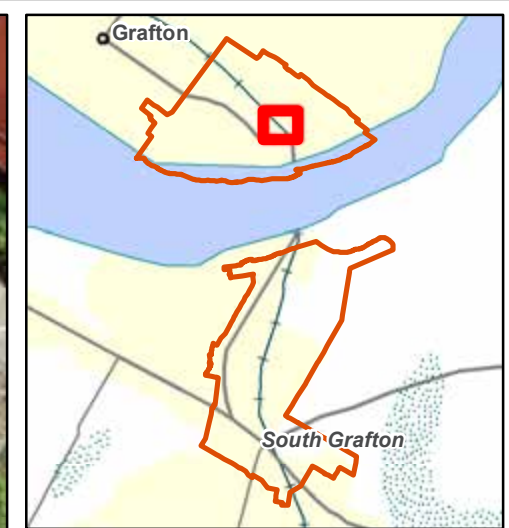
Archival photography digital image catalogue sheet			
Study name	Grafton– Archival Recording		
Camera	Canon EOS 350D	Lenses	18–55 mm
Sensor size	1.5	35 mm lens equivalent	1:3.5–5.6
Proof #	1	Photographer	Lian Flannery

Table 15 External photographic index for CZB24: 22 Kent Street, Grafton

Image file no.	Date	Description	Orientation
9703	27/07/2016	22 Kent Street	E
9704	27/07/2016	22 Kent Street	SE
9705	27/07/2016	22 Kent Street	E
9706	27/07/2016	22 Kent Street	E
9707	27/07/2016	22 Kent Street	SE
9708	27/07/2016	22 Kent Street	NE
9709	27/07/2016	View from 22 Kent Street	SW
9710	27/07/2016	View from 22 Kent Street	NW
9711	27/07/2016	View from 22 Kent Street	NW
9712	27/07/2016	View from 22 Kent Street	NW
9713	27/07/2016	22 Kent Street	SE
9714	27/07/2016	22 Kent Street	S
9715	27/07/2016	22 Kent Street	NE
9716	27/07/2016	22 Kent Street	NE

6.3 Photographic plan & catalogue

The following section contains maps showing the locations of the exterior photographs (Figure 6). This section is followed by a Photographic catalogue of all images taken of the property referenced against the photographic index and maps.



- Legend**
- Study area
 - ↗ Location of photo & direction
 - Property boundary

Figure 6: CZB24 22 Kent Street photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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Plate 4 External photographic catalogue for CZB24: 22 Kent Street, Grafton



IMG_9703.JPG



IMG_9704.JPG



IMG_9705.JPG



IMG_9706.JPG



IMG_9707.JPG



IMG_9708.JPG



IMG_9709.JPG



IMG_9710.JPG



IMG_9711.JPG



IMG_9712.JPG



IMG_9713.JPG



IMG_9714.JPG



IMG_9715.JPG



IMG_9716.JPG

7 CZB29: 14 Pound Street, Grafton

7.1 Historical context

Table 16 Historical summary, site description and statement of significance for CZB29 14 Pound Street, Grafton

Historical summary
No historical research undertaken.
Site description
Located on a large block (1200 square metres) in the Dovedale precinct, this red (liver-coloured) brick home takes advantage of its corner location. The roof is hipped and clad with terra cotta tiles. Walls are brick with attractive porch to Bromley street with triple brick arches supporting the roof. A single arch covers a smaller porch to Pound Street. Brick chimney intact. Timber windows with multi-paned glass. Garage faces Bromley street. Mature park-like garden with matching low brick fence. Brick edging to fence unusual.
Statement of significance
The following statement of significance is taken from the state Heritage register: <i>This residence is aesthetically pleasing and makes use of its corner location. Built c1950 in liver coloured brick it is an unusual addition to the architecture of Grafton which at that time saw the construction of mainly weatherboard or fibro-cement clad buildings. It features elements of the Spanish Mission style with its use of triple arches over the porches and terra cotta tiled roof. It is set on a large block with a mature garden.</i>

7.2 Photographic index

Table 17 CZB29 14 Pound Street, Grafton, photographic details

Archival photography digital image catalogue sheet			
Study name	Grafton– Archival Recording		
Camera	Canon EOS 350D	Lenses	18–55 mm
Sensor size	1.5	35 mm lens equivalent	1:3.5–5.6
Proof #	1	Photographer	Lian Flannery

Table 18 External photographic index for CZB29 14 Pound Street

Image file no.	Date	Description	Orientation
9755	27/07/2016	14 Pound Street	NE
9756	27/07/2016	15 Pound Street	NW
9757	27/07/2016	16 Pound Street	E
9758	27/07/2016	16 Pound Street	NE
9759	27/07/2016	View from 14 Pound Street	E
9760	27/07/2016	View from 14 Pound Street	NW
9761	27/07/2016	16 Pound Street	NE
9762	27/07/2016	View from 14 Pound Street	E
9763	27/07/2016	16 Pound Street	NE
9764	27/07/2016	16 Pound Street	NW
9765	27/07/2016	16 Pound Street	NW
9766	27/07/2016	View from 14 Pound Street	NE
9767	27/07/2016	View from 14 Pound Street	E
9768	27/07/2016	View from 14 Pound Street	NW

7.3 Photographic plan & catalogue

The following section contains maps showing the locations of the exterior photographs (Figure 7). This section is followed by a Photographic catalogue of all images taken of the property referenced against the photographic index and maps.



Legend

- Study area
- ↗ Location of photo & direction
- Property boundary

Figure 7: CZB29 14 Pound Street photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



Matter: 22849
 Date: 24 August 2016,
 Checked by: LCF, Drawn by: JMS/ANP, Last edited by: aprichard
 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook

Plate 5 External photographic catalogue for CZB29 14 Pound Street, Grafton



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IMG_9756.JPG



IMG_9757.JPG



IMG_9758.JPG



IMG_9759.JPG



IMG_9760.JPG



IMG_9761.JPG



IMG_9762.JPG



IMG_9763.JPG



IMG_9764.JPG



IMG_9765.JPG



IMG_9766.JPG



IMG_9767.JPG



IMG_9768.JPG

8 CZB34: 1 Pound Street, Grafton

8.1 Historical context

Table 19 Historical summary, site description and statement of significance for CZB34: 1 Pound Street, Grafton

Historical summary

The early history of this property is unknown but Drainage Diagrams dated 10/1/1940 state the owner as Mr G. F. Loxton. It appears Mr Loxton also had property at 2 Greaves Street. Later (c1984) it was owned Mr & Mrs J. I Moorhead who appeared to have lived here until c2002. The current owners are Mr and Mrs RS Skinner.

Site description

Located on the riverbank this is a well maintained large weatherboard clad Californian bungalow. It has a hipped red metal tile roof with projecting gable to Pound Street. Gable ventilation. A deep verandah extends partially along the Pound street side and across the river frontage. It still has its unpainted brick chimney with flat top. Joinery appears original. A boxed window is centred in the front gable. The 4 windows are multi-paned casement type, protected by a flat roof.

Statement of significance

The Following statement of significance is from the NSW heritage register:

Located on the riverbank this substantial Californian bungalow styled inter-war residence characterises properties in the Dovedale precinct. Its gardens and lawns extend to the road verge and the property boundary is defined only by a low fence. With its red tiled roof, intact chimney, wide verandah and casement windows it appears to be in all most original condition and is representative of its type. It is likely to be associated with a professional or business man.

8.2 Photographic index

Table 20 CZB34: 1 Pound Street, Grafton, photographic details

Archival photography digital image catalogue sheet

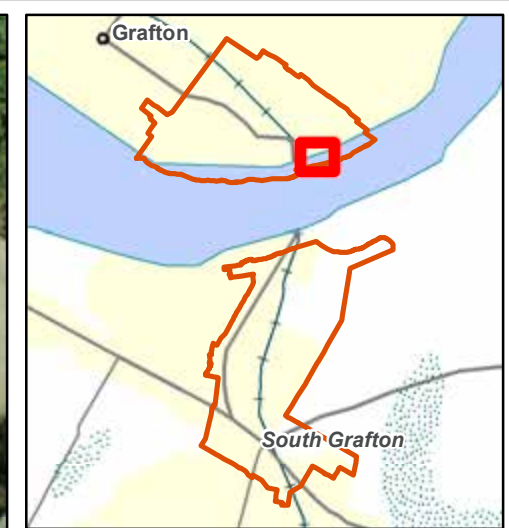
Study name	Grafton– Archival Recording		
Camera	Canon EOS 350D	Lenses	18–55 mm
Sensor size	1.5	35 mm lens equivalent	1:3.5–5.6
Proof #	1	Photographer	Lian Flannery

Table 21 Internal photographic index for CZB34: 1 Pound Street, Grafton

Image file no.	Date	Description	Orientation
9717	27/07/2016	1 Pound Street	SW
9718	27/07/2016	1 Pound Street	S
9719	27/07/2016	1 Pound Street	W
9720	27/07/2016	1 Pound Street	S
9721	27/07/2016	1 Pound Street	SE
9722	27/07/2016	View from 1 Pound Street	NE
9723	27/07/2016	View from 1 Pound Street	NE
9724	27/07/2016	View from 1 Pound Street	NW
9725	27/07/2016	View of the garden at 1 Pound Street and bridge	SE
9726	27/07/2016	1 Pound Street	S
9727	27/07/2016	1 Pound Street	W
9728	27/07/2016	View from 1 Pound Street	NE
9729	27/07/2016	1 Pound Street	NW
9730	27/07/2016	View of the street verge from 1 Pound Street	NW
9731	27/07/2016	View of the garden at 1 Pound Street and bridge	SW
9732	27/07/2016	View of the garden at 1 Pound Street and bridge	S
9733	27/07/2016	View of the garden at 1 Pound Street and bridge	W
9734	27/07/2016	View of the garden at 1 Pound Street and bridge	W
9735	27/07/2016	View of the garden at 1 Pound Street and bridge	SW
9736	27/07/2016	View of the street around 1 Pound Street	W
9737	27/07/2016	View of the street and bridge around 1 Pound Street	SW
9738	27/07/2016	View of the street trees towards 1 Pound Street	SW
8280	9/05/2016	Door handle detail	

8.3 Photographic plan & catalogue


The following section contains maps showing the locations of the exterior photographs (Figure 8). This section is followed by a Photographic catalogue of all images taken of the property referenced against the photographic index and maps.



- Legend**
- Study area
 - ↗ Location of photo & direction
 - Property boundary

Figure 8: CZB34 1 Pound Street photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



Biosis Pty Ltd
 Ballarat, Brisbane, Canberra, Melbourne,
 Newcastle, Sydney, Wangaratta & Wollongong

Matter: 22849
 Date: 24 August 2016,
 Checked by: LCF, Drawn by: JMS/ANP, Last edited by: aprichard
 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook

Plate 6 External photographic catalogue for CZB34: 1 Pound Street, Grafton



IMG_9727.JPG



IMG_9728.JPG



IMG_9729.JPG



IMG_9730.JPG



IMG_9731.JPG



IMG_9732.JPG



IMG_9733.JPG



IMG_9734.JPG



IMG_9735.JPG



IMG_9736.JPG



IMG_9737.JPG



IMG_9738.JPG



IMG_9717.JPG



IMG_9718.JPG



IMG_9719.JPG



IMG_9720.JPG



IMG_9721.JPG



IMG_9722.JPG



IMG_9723.JPG



IMG_9724.JPG



IMG_9725.JPG



IMG_9726.JPG

9 CZB36: Grafton Rail and Road Bridge

9.1 Historical context

Table 22 Historical summary, site description and statement of significance for CZB36: Grafton Rail and Road Bridge

Historical summary

The Grafton Rail and Road Bridge spans the largest of the northern NSW rivers, the Clarence River. Until the opening of the bridge in 1932, the river had been the main obstacle in completing the rail link between Sydney and Grafton. The necessity for a bridge over the river was pointed out as early as 1910 by the Chief Commissioner of the New South Wales Railways and, although plans were prepared by the Public Works Department, they were suspended due to the outbreak of the First World War. By 1921, amended designs for the bridge were approved and working drawings commenced. However towards the end of 1922, the Minister for Works asked the Railways Commissioners to prepare new designs that incorporated vehicular traffic as well. The final design was completed by bridge engineer J.W. Roberts.

Tenders were called for in June 1927 with a stipulation that only Australian steel be used. This resulted in only two tenders being received and because both were well over the original budget estimate of £400,000, the department decided to undertake the works themselves. Preliminary work began in August and the Clyde Engineering Company Ltd was successful in the tender to supply steelwork for the caissons and the superstructure at a cost of £166,500.

By June 1928, the first pontoon for use in the works was launched at Grafton and by July the first rivet was driven in by the Minister for Works and Railways. The bridge members were manufactured in Granville, sent up by train, and then assembled on site. The first span was floated into position in May 1930 and the last span in early 1932. The completed length of the bridge was 457 metres and spanned 396 metres of water. The first train crossed the new bridge on 7 May, 1932, weighing 500 tonnes and consisted of 15 carriages that carried 1,700 passengers.

The bascule span is a unique feature of the bridge. It was operated by two 26kW motors, is of the Rall (combined rotating and travelling) type, and weighed 800 tonnes. The opening of 21.3 metres wide allowed vessels up to 2,500 tonnes to pass through. The entire lifting operating took two minutes and was operated four to five times a week.

Site description

The city of Grafton is situated on the Clarence River within the northern coastal plain of New South Wales. The northern region is not strictly a coastal plain, but rather a series of river valleys separated by ranges. Extensive alluvial flats and flood-prone lands stretch across many of the valleys in the region including the Clarence River area. The Clarence River catchment is characterised by upper tableland areas which fall away to a relatively large, flat coastal floodplain. Grafton and South Grafton are located within the upper reaches of the floodplain.

The heritage item is located in lot 3 DP 1138536 and lot 4 DP 839860, Grafton. The bridge has double deck trusses with a road on top and an American patented double deck bascule span that allows ships to pass through. The bascule span is currently non-operative. The original bridge design did not include the road.

Statement of significance

The following statement is from the NSW heritage register:

This bridge is a double-deck road/rail structure, the only one of its type in NSW. There is a lift span to allow passing of river traffic (no longer used). It presents a commanding visual reminder of rail and road to residents of Grafton. Opening of the bridge in 1932 completed the North coast standard gauge line between Sydney and Brisbane, avoiding the winding route via Tenterfield.

The viaduct along with the wharf remains are important relics of the development of the north coast railway. The viaduct is representative of similar structures constructed at a range of locations, many of which have been replaced.

9.2 Photographic index

Table 23 CZB36: Grafton Rail and Road Bridge

Archival photography digital image catalogue sheet

Study name	Grafton– Archival Recording		
Camera	Canon EOS 350D	Lenses	18–55 mm
Sensor size	1.5	35 mm lens equivalent	1:3.5–5.6
Proof #	1	Photographer	Lian Flannery

Table 24 External photographic index for CZB36: Grafton Rail and Road Bridge

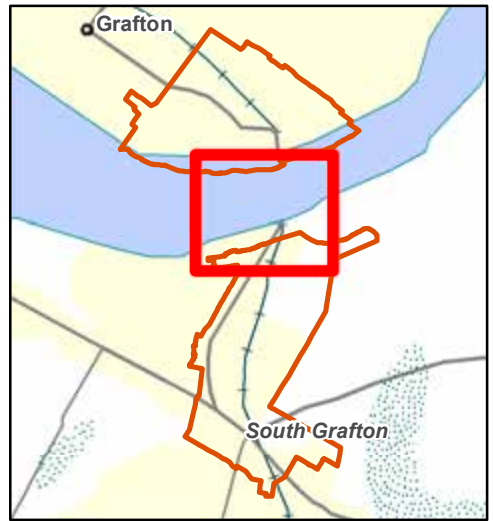
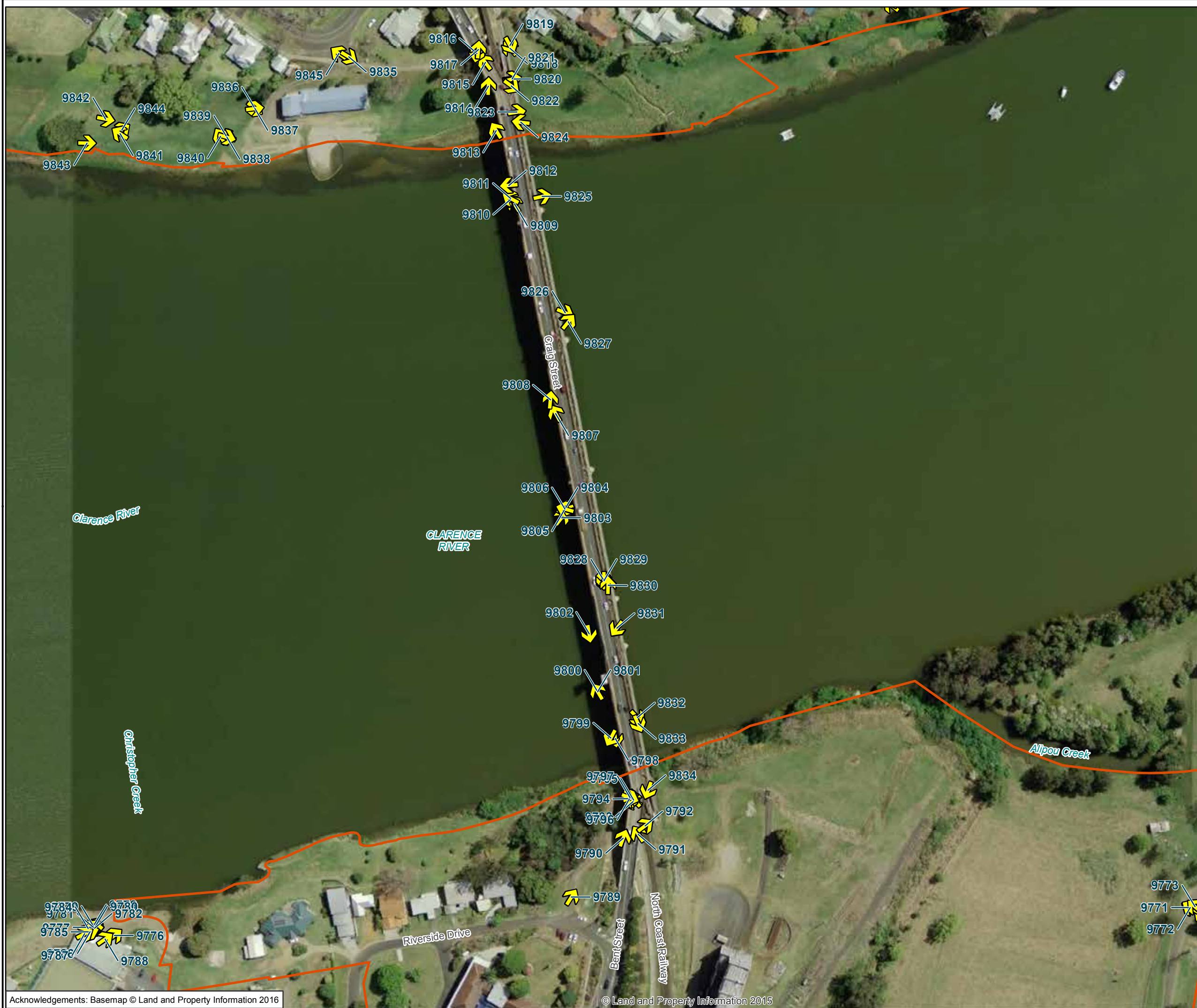
Image file no.	Date	Description	Orientation
9769	28/07/2016	View of the Grafton Road and Rail Bridge from the corner of Butters Lane and Lolan Street	NW
9770	28/07/2016	View of the Grafton Road and Rail Bridge from the corner of Butters Lane and Lolan Street	NW
9771	28/07/2016	View of the Grafton Road and Rail Bridge from the corner of Butters Lane and Lolan Street	NW
9772	28/07/2016	View of the Grafton Road and Rail Bridge from the corner of Butters Lane and Lolan Street	NW
9773	28/07/2016	View of the Grafton Road and Rail Bridge from the corner of Butters Lane and Lolan Street	NW
9775	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	NE
9776	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	NE
9777	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	NE
9778	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	NE
9779	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	NE
9780	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	NE
9781	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	E
9782	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	E
9783	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	E
9784	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	E
9785	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	E
9786	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	E
9787	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	NE
9788	28/07/2016	View of the Grafton Road and Rail Bridge from the Grafton Bowling Club	NE
9789	28/07/2016	View of the Grafton Road and Rail Bridge structures at the south bank	NE
9790	28/07/2016	View of the Grafton Road and Rail Bridge structures at the south bank	NW
9791	28/07/2016	View of the Grafton Road and Rail Bridge walkway from the south bank	NW
9792	28/07/2016	View from the Grafton Road and Rail Bridge from the walkway at the south bank from the western walkway	NE
9793	28/07/2016	View from the Grafton Road and Rail Bridge from the walkway at the south bank from the western walkway	NW

Image file no.	Date	Description	Orientation
9794	28/07/2016	View from the Grafton Road and Rail Bridge from the walkway at the south bank from the western walkway	NW
9795	28/07/2016	View of the Grafton Road and Rail Bridge train tracks from the south bank	NW
9796	28/07/2016	View of the Grafton Road and Rail Bridge road platform from the walkway at the south bank	NW
9797	28/07/2016	View of the Grafton Road and Rail Bridge road platform from the walkway at the south bank	E
9798	28/07/2016	View of the south-west bank from the Grafton Road and Rail Bridge	S
9799	28/07/2016	View of the south-west bank from the Grafton Road and Rail Bridge	SW
9800	28/07/2016	View of the Controllers box from the walkway	NW
9801	28/07/2016	View of the walkway from beneath the Controllers box	NW
9802	28/07/2016	View of the Controllers box and walkway	S
9803	28/07/2016	View of the bridge structures and river from mid-way along the bridge	NE
9804	28/07/2016	View of the river from the Grafton Road and Rail Bridge	W
9805	28/07/2016	View of the river from the Grafton Road and Rail Bridge	S
9806	28/07/2016	View of the river from the Grafton Road and Rail Bridge	W
9807	28/07/2016	Detail of the light as part of the bridge walkway	NW
9808	28/07/2016	View of the underside of the road platform from the walkway	NW
9809	28/07/2016	View of the bridge walkway towards the north bank	NW
9810	28/07/2016	View of the north bank	NW
9811	28/07/2016	View of the north bank	NW
9812	28/07/2016	View of the north bank	W
9813	28/07/2016	View of the bridge walkway towards the north bank	NW
9814	28/07/2016	View of the bridge walkway and connecting footpath on north bank	NW
9815	28/07/2016	View of the footpath and houses at the north bank	NW
9816	28/07/2016	View of the heritage signage, bridge and south bank	S
9817	28/07/2016	View of graffitied bridge structures	NW
9818	28/07/2016	View of graffitied bridge structures and footpath	NW
9819	28/07/2016	View of the eastern walkway from the north bank	SE
9820	28/07/2016	View of the north bank from the eastern walkway	E

Image file no.	Date	Description	Orientation
9821	28/07/2016	View of the north bank from the eastern walkway	E
9822	28/07/2016	View of the eastern walkway from the north end of the bridge	SE
9823	28/07/2016	View of the north bank from the eastern walkway	E
9824	28/07/2016	Bridge structures from the eastern walkway	W
9825	28/07/2016	View of the river from the eastern walkway	E
9826	28/07/2016	View of the river from the eastern walkway	E
9827	28/07/2016	View of the river from the eastern walkway	NE
9828	28/07/2016	View of the river from the eastern walkway	SE
9829	28/07/2016	View of the eastern walkway	S
9830	28/07/2016	View of the eastern walkway	NW
9831	28/07/2016	View of the underside of the road platform from the eastern walkway	SW
9832	28/07/2016	View of the south bank from the eastern walkway	SE
9833	28/07/2016	View of the south bank from the eastern walkway	SE
9834	28/07/2016	View of the bridge structures at the south bank from the eastern walkway	S
9835	28/07/2016	View of the Grafton Road and Rail Bridge from the north-east river bank	SE
9836	28/07/2016	View of the Grafton Road and Rail Bridge from the north-east river bank	SE
9837	28/07/2016	View of the Grafton Road and Rail Bridge from the north-east river bank	E
9838	28/07/2016	View of the Grafton Road and Rail Bridge from the north-east river bank	E
9842	28/07/2016	View of the Grafton Road and Rail Bridge from the north-east river bank	E
9843	28/07/2016	View of the Grafton Road and Rail Bridge from the north-east river bank	E
9846	28/07/2016	View of the Grafton Road and Rail Bridge from the north-west river bank	W
9847	28/07/2016	View of the Grafton Road and Rail Bridge from the north-west river bank	SW
9848	28/07/2016	View of the Grafton Road and Rail Bridge from the north-west river bank	SW

9.3 Photographic plan & catalogue

The following section contains maps showing the locations of the exterior photographs (Figure 9). This section is followed by a photographic catalogue of all images taken of the property referenced against the photographic index and maps.



Legend



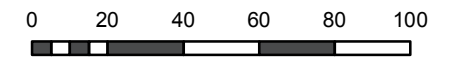
-  Study area
-  Location of photo & direction

Figure 9: CZB36 Grafton Rail and Road Bridge photo locations



Scale: 1:2,000 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



Matter: 22849
 Date: 24 August 2016
 Checked by: LCF, Drawn by: JMS/ANP, Last edited by: aprichard
 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook

Plate 7 External photographic catalogue for CZB36: Grafton Rail and Road Bridge



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IMG_9770.JPG



IMG_9771.JPG



IMG_9772.JPG



IMG_9773.JPG



IMG_9775.JPG



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IMG_9831.JPG



IMG_9832.JPG



IMG_9833.JPG



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IMG_9836.JPG



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IMG_9838.JPG



IMG_9842.JPG



IMG_9843.JPG



IMG_9846.JPG



IMG_9847.JPG



IMG_9848.JPG

10 C3: Portions of Pound Street, Grafton

10.1 Historical context

Table 25 Historical summary, site description and statement of significance for C3: Portions of Pound Street, Grafton

Historical summary

The Clarence River was not ideal for grazing of stock simply because of the difficulty of overlanding stock there and the need to clear areas. Squatting runs were taken up including several small runs in the vicinity of the project area on what was to become Grafton. The government added the Clarence district land to that which could be settled in May 1839.

Surveyors W.C.B. Wilson and C.M. Wilson arrived in the Clarence District in September 1840 to survey land for subdivision. With approval to settle granted in 1839, licences to occupy Crown Land became available which encouraged squatters to take up runs but also small businesses to establish themselves. By the early 1840s two informal settlements had begun to form on the banks of the Clarence River at the future site of Grafton. Few vessels passed further upstream than Susan Island and so South Grafton became the preferred centre for settlement. In December 1848 Surveyor William Darke laid out two towns one at South Grafton and one on the northern bank called Grafton.

Growth was initially focused around the established shipyard and stores in South Grafton during the 1840s. In Grafton small residences, farms and businesses sprang up and during the 1850s land became available for purchase as freehold, encouraging the further development of agriculture along the river and attendant commercial and residential purchases within Grafton and South Grafton.

In Grafton dwellings erected during the early years of settlement were generally of the basic 'vernacular' type and did not survive the subdivision boom during the late nineteenth century, during which they were replaced by more substantial dwellings; predominantly four-roomed weatherboard cottages, many of which survive throughout Grafton. There are a number of dwellings present within the Grafton portion of the project area dating to the boom era (1860-1890).

Grafton bridge was constructed in the mid 19th century and many dwellings were erected in Grafton during this period, including a number of examples within and adjacent to the project area that characterise the development of housing in Grafton during these decades. In Grafton housing continued to develop and diversify, with distinguished two-storey timber residences built at the turn of the century. Other dwellings which were constructed in Grafton during this period include a variety of Inter-war period homes reflecting architectural influences of the era. Buildings constructed during this period consist of predominantly weatherboard dwellings, whilst this is typical of Grafton, it is unusual for this period when fibro cement sheeting became readily available and may reflect the popularity of weatherboard throughout Grafton's history. The Council in the 1870s organised a program of street plantings which today provides the distinctive feature of the city; magnificent tree-lined boulevards of Ficus, Jacaranda and Camphor Laurel.

Site description

The city of Grafton is situated on the Clarence River within the northern coastal plain of New South Wales. The northern region is not strictly a coastal plain, but rather a series of river valleys separated by ranges. Extensive alluvial flats and flood-prone lands stretch across many of the valleys in the region including the Clarence River area. The Clarence River catchment is characterised by upper tableland areas which fall away to a relatively large, flat coastal floodplain. Grafton and South Grafton are located within the upper reaches of the floodplain.

The Pound Street streetscape encompasses the start of Pound Street at Grafton River to 50 metres north of the

intersection of Pound and Villiers Street and is within the Grafton-south Grafton Conservation Area. The streetscape includes heritage items such as 'Dunvegan', a two-storey Late Victorian timber residence constructed in 1905 by the Powell family. It has retained original joinery with moulded windows, French doors to the verandah and filigree iron work. With two projecting gables to Pound street joined by verandahs this is an imposing house. It is set amongst large mature street trees and is now a prestige building in the TAFE grounds. Also in Pound Street is a representative example of the Spanish Mission style of inter-war housing, a style not commonly built in Grafton. The dwelling is in almost original condition and features a hipped terra cotta tiled roof with central projecting porch, characteristic three arched entry with two columns showing the barley curl twist, casement windows with multiple panes, rough cast rendered walls, and painted brick chimney intact.

Another example of the dwellings that make up the streetscape of Pound Street is 'Clarendon'. It is residential single storey substantial weatherboard clad residence with two corbel topped brick chimneys intact. It also features hipped corrugated iron roof which extends over the front and side verandahs, timber posts with brackets support the roof, timber casement windows, woven wire fence, and pretty cottage garden.

The streetscape of Pound Street is surrounded by an urban landscape and the Clarence River Bridge and Viaduct in the immediate vicinity with the Clarence River and rolling river valleys forming the surrounding landscape.

Statement of significance

The following is from the NSW heritage register:

Grafton-south Grafton Urban Conservation Area

Grafton and South Grafton are fine examples of subtropical mid-nineteenth century river ports and are of significance to the state. The North Coast REP 1988 states that " Grafton (including South Grafton) is historically significant for its pivotal role as an administrative centre associated with the development of the North Coast during the late 19th Century and for its exceptional collection of intact and noteworthy domestic, commercial, civic and ecclesiastical buildings and settings. Grafton also contains the magnificent canopies of Ficus, Jacarandas and Camphor Laurels which provide shade and colour while serving to link the natural and man made features of the city. South Grafton contains a fine commercial precinct in Skinner Street while Spring Street shows this town's prominence as an administrative centre for local government.

10.2 Photographic index

Table 26 C3: Portions of Pound Street, Grafton, photographic details

Archival photography digital image catalogue sheet			
Study name	Grafton- Archival Recording		
Camera	Canon EOS 350D	Lenses	18-55 mm
Sensor size	1.5	35 mm lens equivalent	1:3.5-5.6
Proof #	1	Photographer	Lian Flannery

Table 27 External photographic index for C3: Portions of Pound Street, Grafton

Image file no.	Date	Description	Orientation
9858	28/07/2016	View of the corner of Pound Street and Greaves Street	W
9859	28/07/2016	View of the street trees on Pound Street	NW
9860	28/07/2016	View of Pound Street from the intersection of Bromley Street	E
9861	28/07/2016	View of Bromley Street from Pound Street	NW
9862	28/07/2016	View of Pound Street from the intersection of Bromley Street and Pound Street	NW
9863	28/07/2016	View of Pound Street from the intersection of Kent Street and Pound Street	NW
9864	28/07/2016	View of Pound Street from the intersection of Kent Street and Pound Street	E
9865	28/07/2016	View of Kent Street from the intersection of Pound Street and Kent Street	NW
9866	28/07/2016	View of Kent Street from the intersection of Pound Street and Kent Street	SW
9867	28/07/2016	View of Pound Street	E
9868	28/07/2016	View of Bridge Street from Pound Street	NW
9869	28/07/2016	View of the North Coast Rail Bridge over Pound Street	NW
9870	28/07/2016	View of Bridge Street from Pound Street	NW
9871	28/07/2016	View of the North Coast Rail Bridge over Pound Street	E
9872	28/07/2016	View of the Pound Street and Clarence Street intersection	NW
9873	28/07/2016	View of the North Coast Rail Bridge over Pound Street	E
9874	28/07/2016	View of Clarence Street from the Pound Street and Clarence Street intersection	W
9875	28/07/2016	View of Clarence Street from the Pound Street and Clarence Street intersection	NW
9876	28/07/2016	View of Clarence Street from the Pound Street and Clarence Street intersection	NW
9877	28/07/2016	View of the street trees on Clarence Street	NW
9878	28/07/2016	View of the street trees on Clarence Street	NW
9879	28/07/2016	View of Pound Street and street trees	E
9880	28/07/2016	View of Pound Street and street trees	NW
9881	28/07/2016	View of Pound Street and street trees	NW
9882	28/07/2016	View of Pound Street and street trees	NW

Image file no.	Date	Description	Orientation
9883	28/07/2016	View of Pound Street and street trees	S
9884	28/07/2016	View of Pound Street and street trees	NW
9885	28/07/2016	View of street trees on Pound Street	W
9886	28/07/2016	View of street trees on Pound Street	NW
9887	28/07/2016	View of street trees on Pound Street	SE
9888	28/07/2016	View of street trees on Pound Street	NW
9889	28/07/2016	View of street trees on Pound Street	NW
9890	28/07/2016	View of street trees on Pound Street	SW
9891	28/07/2016	View of street trees on Pound Street	E
9892	28/07/2016	View of street trees on Pound Street	E
9893	28/07/2016	View of the Pound Street and Villiers Street roundabout	NW
9894	28/07/2016	View of street trees on Pound Street	E
9895	28/07/2016	View of street trees on Pound Street	E
9896	28/07/2016	View of the Pound Street and Villiers Street roundabout	W
9897	28/07/2016	View of Villiers Street from the Pound Street and Villiers Street roundabout	NW
9898	28/07/2016	View of Pound Street from the Pound Street and Villiers Street roundabout	SE
9899	28/07/2016	View of the Pound Street and Villiers Street roundabout	SW
9900	28/07/2016	View of the Pound Street and Villiers Street roundabout	SE
9901	28/07/2016	View of Pound Street from the Pound Street and Villiers Street roundabout	NW
9902	28/07/2016	View of Pound Street	SE
9903	28/07/2016	View of Pound Street	NW
9904	28/07/2016	View of Pound Street	E
9905	28/07/2016	View of the Pound Street and Villiers Street roundabout	E
9906	28/07/2016	View of Villiers Street from the Pound Street and Villiers Street roundabout	S
9907	28/07/2016	View of the Pound Street and Villiers Street roundabout	NE
9908	28/07/2016	View of Villiers Street from the Pound Street and Villiers Street roundabout	SW
9909	28/07/2016	View of Pound Street from the Pound Street and Villiers Street	E

Image file no.	Date	Description	Orientation
		roundabout	
9910	28/07/2016	View of the Pound Street and Villiers Street roundabout	NW
9911	28/07/2016	View of the Pound Street and Villiers Street roundabout	NW
9912	28/07/2016	View of Villiers Street from the Pound Street and Villiers Street roundabout	W
9913	28/07/2016	View of the Pound Street footpath and street trees	E
9914	28/07/2016	View of street trees on Pound Street	NE
9915	28/07/2016	View of street trees on Pound Street	NE
9916	28/07/2016	View of street trees on Pound Street	NE
9917	28/07/2016	View of street trees on Pound Street	NE
9918	28/07/2016	View of street trees on Pound Street	NE
9919	28/07/2016	View of the Clarence Street and Pound Street intersection	E
9920	28/07/2016	View of the Pound Street footpath and street trees from the Clarence Street and Pound Street intersection	NW
9921	28/07/2016	View of the North Coast Rail Bridge over Pound Street	E
9922	28/07/2016	View of the Pound Street footpath and street trees	E
9923	28/07/2016	View of the Pound Street footpath and street trees	E
9924	28/07/2016	View of the Pound Street footpath and street trees	NW

10.3 Photographic plan & catalogue


The following section contains maps showing the locations of the exterior photographs (Figure 10). This section is followed by a Photographic catalogue of all images taken of the property referenced against the photographic index and maps.



- Legend**
- Study area
 - ➔ Location of photo & direction

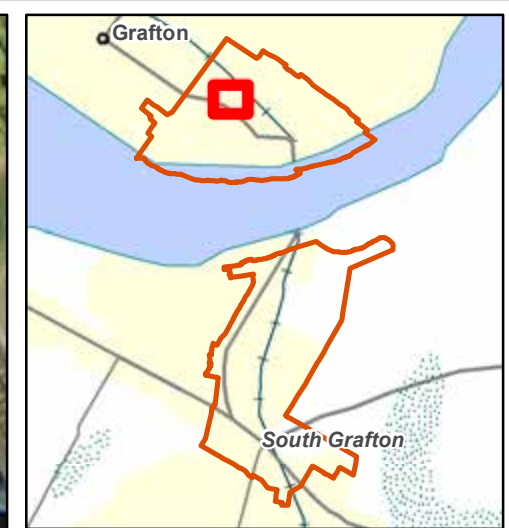
Figure 10.1: C3 Portions of Pound Street photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



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 Newcastle, Sydney, Wangaratta & Wollongong

Matter: 22849
 Date: 24 August 2016,
 Checked by: LCF, Drawn by: JMS/ANP, Last edited by: aprichard
 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook



Legend

- Study area
- ↗ Location of photo & direction

Figure 10.2: C3 Portions of Pound Street photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56

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 Newcastle, Sydney, Wangaratta & Wollongong

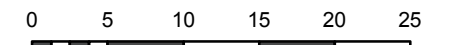
Matter: 22849
 Date: 24 August 2016,
 Checked by: LCF, Drawn by: JMS/ANP, Last edited by: aprichard
 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook



Legend

- Study area
- ↑ Location of photo & direction

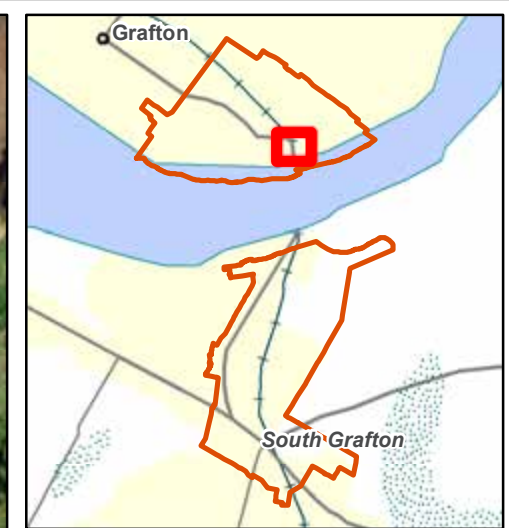
Figure 10.3: C3 Portions of Pound Street photo locations



Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



Matter: 22849
 Date: 24 August 2016
 Checked by: LCF, Drawn by: JMS/ANP, Last edited by: aprichard
 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook




Legend

- Study area
- ↗ Location of photo & direction

Figure 10.4: C3 Portions of Pound Street photo locations

0 5 10 15 20 25
 Metres
 Scale: 1:500 @ A3
 Coordinate System: GDA 1994 MGA Zone 56



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 Location: P:\22800s\22849\mapping\22849_AR_F3-17_PhotoLocations_Mapbook

Plate 8 Exterior photograph locations for C3: Portions of Pound Street, Grafton



IMG_9910.JPG



IMG_9911.JPG



IMG_9912.JPG



IMG_9913.JPG



IMG_9914.JPG



IMG_9915.JPG



IMG_9916.JPG



IMG_9917.JPG



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IMG_9905.JPG



IMG_9906.JPG



IMG_9907.JPG



IMG_9908.JPG



IMG_9909.JPG

References

Biosis 2016. Archival recording of heritage items Grafton, NSW. Report for Roads and Maritime Services. Authors: Flannery L & Keats S. Biosis Pty Ltd, Wollongong. Project no. 22018.

Cottee, JM. 2004. *Stations on the track: selected New South Wales country railway stations: an historical overview*. Ginninderra Press.

Heritage Office 1998. *How to prepare archival recordings of heritage items*. Published by the Heritage Office and Department of Urban Affairs and Planning.

Heritage Office 2001, revised 2004, 2006. *Photographic recording of heritage items using film or digital capture*. Published by the Heritage Office and Department of Urban Affairs and Planning.

Appendices

Appendix 1 CDs containing metadata relating to each archival recording

Appendix 2 Curricula vitae

Position

Archaeologist

Qualifications

BSc (Hons), PG Dip, MSc



Professional experience

Lian has over seven years' archaeological experience and has been with Biosis for two years. She has participated in heritage projects across Australia and internationally in the UK and Italy. She has experience in the successful completion of Aboriginal and Historical assessments, archaeological surveys, excavations, and post analysis of Aboriginal and Historical artefactual material. She has authored over 30 reports including Archival recordings, Historical Assessments, Statements of Heritage Impact and Archaeological excavation reports and written the artefactual analysis components for Historical Assessment reports.

Her specialist skills include the excavation and analysis of human osteological material and analysis of Australian historical artefactual material. She has extensive experience in archaeological surveys and has developed excellent field skills in identifying and recording rock shelter and artefact scatter sites as well as historical excavations on sites dating from early colonisation to later European settlements.

Her area of specialist interest is in the role of indigenous animals in the early settlement of Australia. She also has research interests in the evolution and movement of Homo sapiens across the old world and the peopling of Australia.

Key project experience

Project Manager/Archaeologist	Historical Archaeological Excavation 31 Crown and 16 Burelli St. Archaeological excavations required for large scale developments in Wollongong. The aim of the works was to determine the extent of archaeological remains, excavate and record the features for development approvals and also undertake full artefactual analysis and specialist recording.
Project Manager/Analyst	Artefactual Analysis 47-51 Crown St. Artefactual analysis and specialist analysis services for historical archaeological works for a large city centre development in Wollongong.
Project Manager/Archaeologist	Historical Heritage Assessment and statement of significance for 5 Harbour St. An assessment of archaeological potential and statement of significance for a development application.

Field Supervisor/Archaeologist	Rouse Road Upgrade Aboriginal Cultural Heritage Assessment and Test Excavations
Archaeologist/Osteologist	Darcoola West Water Efficiency Scheme: Aboriginal Cultural Heritage Assessment and Test Excavations.
Project Manager/Archaeologist	Statement of Heritage Impact 230-236 Crown St.
Project Manager/Archaeologist	Berkeley House Historical Archaeological Assessment.
Project Manager/Archaeologist	Mittagong Rail Overbridge Statement of Heritage Impact.
Project Manager/Archaeologist	Headlands Hotel Austinmer Archaeological Monitoring.
Archaeologist	Archival Recording and Statement of Heritage Impact Corrimal Coke Works.
Archaeologist	Additional Aboriginal and Historical Due Diligence Assessments Grafton.
Archaeologist	Statement of Heritage Impact for Burrnets Overseers Cottage.
Archaeologist	Archival Recording of 9 Crown Lane.
Archaeologist	Archival Recording of Headlands Hotel.
Archaeologist	Archival Recording of Defence Assets.
Archaeologist	Archival Recording Bulli Stone Retaining Wall.
Archaeologist	Archival Recording Penrith Station.
Archaeologist	Archival Recording Upper Canal Gledswood.

Other project experience:

Project Manager	Aboriginal Due Diligence 260 Kanahooka Rd.
Archaeologist	Mamre West Precinct Planning Assessment Erskine Park: Aboriginal Cultural Heritage Assessment and Test Excavations.
Archaeologist	Carnes Hill Sports Precinct Aboriginal Cultural Heritage Assessment and Test Excavations
Archaeologist	Gledswood Hills Residential Development: Aboriginal Cultural Heritage Assessment, Historic Heritage Assessment and Statement of Heritage Impact
Archaeologist	Aboriginal Due Diligence Coledale.

Other qualifications and training

- Historical Artefact Master Class –ASHA 2015
- Senior first aid – Australia Wide First Aid
- Advanced 4WD driving and vehicle recovery
- Occupational Health and Safety General Induction for Construction Work in NSW, Work Cover

Professional affiliations and memberships

- Australian Archaeological Association (AAA)
- Australasian Society for Historical Archaeology (ASHA)
- American Association for the Advancement of Science (AAAS)
- Archaeological and Anthropological Society of Victoria (AASV)