

HERITAGE ADVISORS
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# 'Rudders Bond Store' - Former Ralph Symonds Factory

## 53-57 Campbell Road, St Peters

## **Archival Recording**

FINAL

Prepared for CPB Dragados Samsung Joint Venture

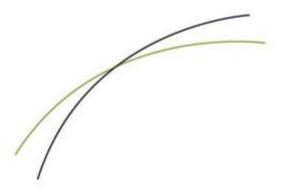
## September 2016



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### **Document Control Page**

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PROJECT: 'Rudders Bond Store' Archival Recording

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	02.09.2016	FINAL 1.0		02.09.2016

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#### **CONTENTS**

1	INT	RODUCTION	4
	1.1	Project Description	4
	1.2	Approach and Methodology	4
	1.3	Limitations	4
	1.4	Authorship	4
	1.5	Ownership	4
	1.6	Image Copyright	5
2	SIT	E DESCRIPTION	6
	2.1	Location	6
	2.2	Statement of Significance	10
3	HIS	TORIC CONTEXT	11
	3.1	Local History	11
	3.2	Site & Building Development	11
	3.3	Ralph Symonds and his Company	19
4	PH	OTO LOCATION PLAN	25
5	PH	OTOGRAPHIC RECORDING SHEETS	27
6	PH	OTOGRAPHIC PROOF SHEETS	46
7	PH	OTOGRAPH DIRECTION PLANS	53
	7.1	External 1	53
	7.2	External 2	54
	7.3	Locus 1	55
	7.4	Locus 2	56
	7.5	Locus 3	57
	7.6	Locus 4	58
8	BIB	BLIOGRAPHY	62

#### 1 INTRODUCTION

#### 1.1 Project Description

EXTENT Heritage Pty Ltd has been commissioned by CPB Dragados Samsung Joint Venture to prepare a Photographical Archival Recording for Rudders Bond Store, also referred to as the Former Symonds Factory, located at 53-57 Campbell Road, St Peters. The purpose of the report is to record the current state of the site prior to the demolition of the building. This report serves as a permanent record of the place prior to that work being undertaken.

#### 1.2 Approach and Methodology

The methodology used in the preparation of this Photographic Archival Recording is in accordance with the principles and definitions as set out in the guidelines to the Australia ICOMOS Charter for the Conservation of Places of Cultural Significance - The Burra Charter and the latest version of the NSW Heritage Branch's Photographic Archival Recording guidelines, accessed January 2016.

#### 1.3 Limitations

The surrounding area, the building and the interior of the subject property were inspected and photographed by Kylie Christian on the 9<sup>th</sup> and 29<sup>th</sup> of March 2016. The inspections were undertaken as visual studies only.

The historical overview provides sufficient historical background to provide an understanding of the place in order to assess the significance and provide relevant recommendations, however, it is not intended as an exhaustive history of the site.

#### 1.4 Authorship

The following staff members at EXTENT Heritage Pty Ltd have prepared this Archival Recording:

Senior Associate

Heritage Advisor

Research Assistant

#### 1.5 Ownership

The site is owned by TNT Rudders.

## 1.6 Image Copyright

The client and City of Sydney Council is granted a perpetual non-exclusive license to make use of the copyright in all images supplied, including the right to make copies available to third parties as though they were Council images. Acknowledgement of should remain intact where possible.
Photographer on behalf of
Signed By:
Date:
On behalf of:

#### **2 SITE DESCRIPTION**

#### 2.1 Location

The 'Rudders Bond Store' site is located at 53-57 Campbell Road and is legally defined as both Lot 101 DP 845651 and Lot 102 DP 871150. The building is bounded by Campbell Road to the north-east and Burrows Road to the south-east. The area to the immediate north of the site comprises Sydney Park, while the streetscape to the south of the area is characterised by warehouses.

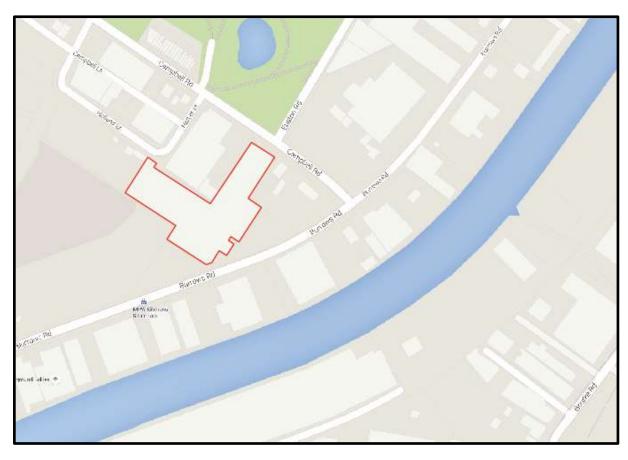


Figure 1. Map indicating location of the Rudders Bond Store (outlined in red) at 53-57 Campbell Road (Source: Google Maps, accessed 29.2.16).

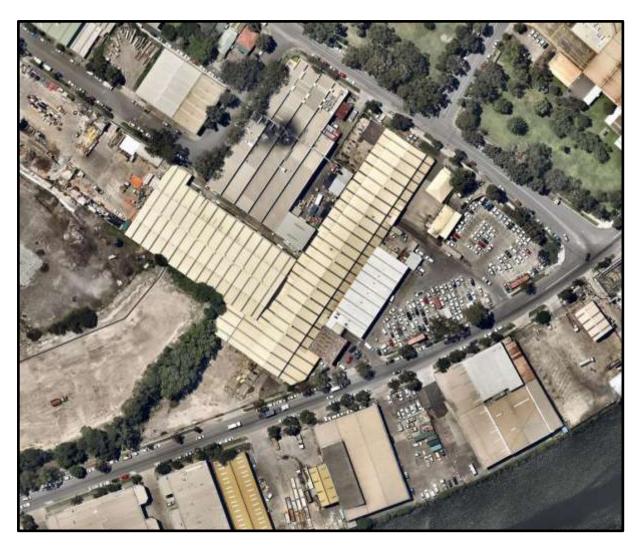


Figure 2. Aerial view of subject property (Source: Nearmap, accessed 17.11.15).

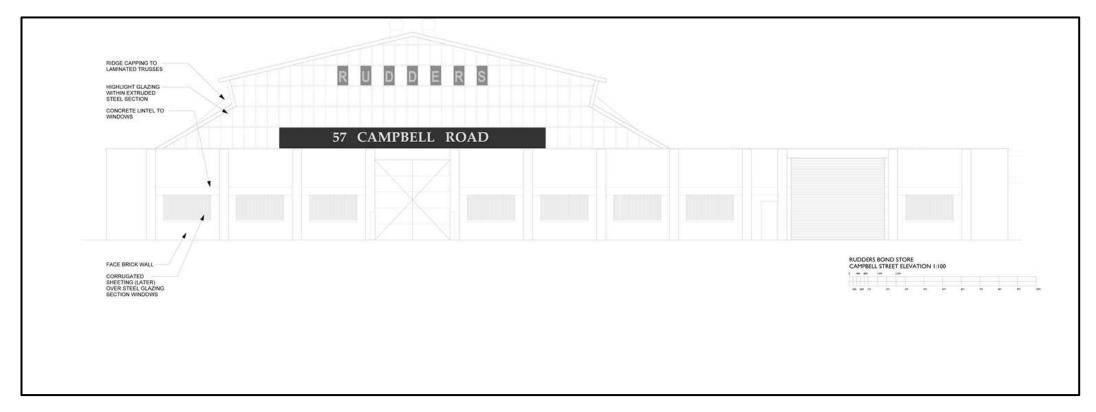


Figure 3. Elevation plan of the front façade. (Source: The Archivist, Drawing No RBS\_MD-02, Issue 21.07.16).

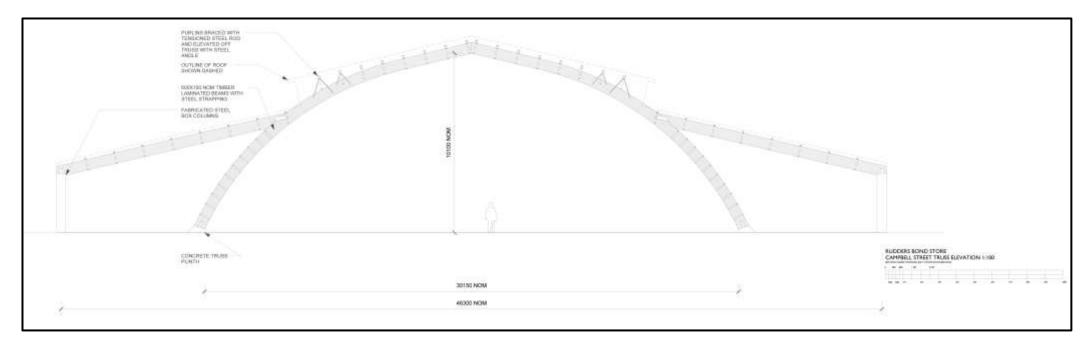


Figure 4. Section plan of laminated timber arch (Source: The Archivist, Drawing No RBS\_MD-03, Issue 21.07.16).

#### 2.2 Statement of Significance

The following Statement of Significance is provided from the City of Sydney Local Environmental Plan (LEP) Heritage Item Inventory Sheet:

The site is of historical significance for its role in the production of engineered timber in Australia from c1946 to 1958. Symonds was a pioneering manufacturer of such timbers and the building contains a good example of the companies work in the timber frame of the building. The building has strong associations with Ralph Symonds a pioneer of laminated timber construction in the post-war era in Sydney and Melbourne whose factory this site was and who designed the laminated timber structure supporting the roof. This building is of State and Australian significance as a surviving example of the laminated arches pioneered by Ralph Symonds. As a physical example of these structures the building has great research potential for studying this innovative building technology and to some extent the production processes. Surviving early laminated timber buildings are rare. The site is significant for its role in the history of engineered timbers across Australia and is of state level of significance.<sup>1</sup>

Additionally the comparative analysis of 53-7 Campbell Road, prepared by Extent Heritage Pty Ltd, states:

The Rudders Bond Store is rare as one of five remaining Ralph Symonds industrial buildings in Australia. It is one of three located within NSW. The building is rare as one of less than 18 known large-scale glue laminated timber structures identified as possibly remaining in Australia.<sup>2</sup>

<sup>&</sup>lt;sup>1</sup> City Plan Heritage and JCIS Consultants (2013), Former Ralph Symonds Factory, State Heritage Inventory Form.

<sup>&</sup>lt;sup>2</sup> Extent Heritage (2016), 53-7 Campbell Road - Comparative Analysis, prepared for CPB Dragados Samsung Joint Venture

#### 3 HISTORIC CONTEXT

The following historical overview has been extracted from Extent Heritage Pty Ltd (June 2016), 53-7 Campbell Road - Comparative Analysis prepared for CPB Dragados Samsung Joint Venture. The following sources were consulted in the compilation of this record:

- Nolan, G. (1994). The Forgotten Long Span Timber Structures of Australia, A Thesis for the Degree of Master of Architecture Department of architecture University of Tasmania Launceston.
- Lewis, M. B. (2012). Australian building a cultural Investigation http://www.mileslewis.net/australian-building/.
- Honchcroft, Y. (1987). Company History of Ralph Symonds Australia Ltd (unpublished), Mitchell Library, Sydney.

#### 3.1 Local History

St Peter's Cooks River Anglican Church was consecrated in 1839 and was the third Anglican Church in Sydney. When St Peters became a municipality in 1871 it had 500 residents, and seven years later built its own town hall. Before the district's famous brick works St Peters had been home to around 20 dairies. Juggling the demands of these two quite different industries proved a trial for the council and in 1888 it set up a Standing Committee on Dairies. The council finally disappeared in the spate of local government amalgamations in 1949. <sup>3</sup>

Brickmaking gradually overtook dairying as the major local industry and council regulated for the construction of tall chimneys to reduce air pollution. One of the most significant brickmakers was Josiah Gentle, who began operating in Waterloo and during the 1870s ran a number of brick works in St Peters. His Bedford Brick Works was established beside the Princes Highway in 1893. In 1933 the firm was later taken over by Austral Bricks, one of the largest brick companies in NSW, and continued operations on this site until 1979. The area is now Sydney Park, with part of the brick works and its distinctive chimneys preserved on the corner of Sydney Park Road".<sup>4</sup>

#### 3.2 Site & Building Development

Various histories of the site provide a conflicting timeline of events. Given the conflicting accounts found in documentation, this history primarily relies on aerial photographs and historic maps and plans to present a history of site development.

It is presumed that Ralph Symonds acquired the site at some stage in the early 1940s. A 1943 aerial photograph shows a large rectangular building on the site fronting Campbell Street, perpendicular to Euston Road. The building looks to have an arched roof and appears to be an igloo style of building and records indicate in may have been used for aircraft works. There is evidence of arched timber in the yard to the west indicating Symonds may have had a presence here at this time.

<sup>&</sup>lt;sup>3</sup> Whitaker, A. M., (2002), *Pictorial History of South Sydney*, Kingsclear Books, pp. 99.

<sup>&</sup>lt;sup>4</sup> Whitaker, A. M., (2002), *Pictorial History of South Sydney*, Kingsclear Books, pp. 99.

By 1949 this building has been demolished and a new factory along Holland Street constructed (Figure ). This is also shown in a plan dated 1950. Reportedly this first section was built c1946 at which point the Symonds factory is believed to have begun operating at the site. A fire also occurred here in 1946. A 1951 aerial photograph shows the Holland Street pavilion extended to near the juncture with Woodley Street.

A plan dating c1953 shows the Holland Street building along with another pavilion added fronting Campbell Street, the establishment of which is shown in building surveyors plans dated 1956. The full building at its largest extent and as it stood for approximately 40 years is shown in a 1970s aerial photograph. This is the layout of the building as it was documented in 1994, however at some stage since then the original c1946 section at the west end of Holland Street has been removed, leaving the c1953 sections of the structure. This can be seen in the recent aerial photograph.

Shortly after construction was completed, the council granted permission for the premises to be used for general storage by Rudders with the property being leased to them by Symonds.<sup>5</sup>

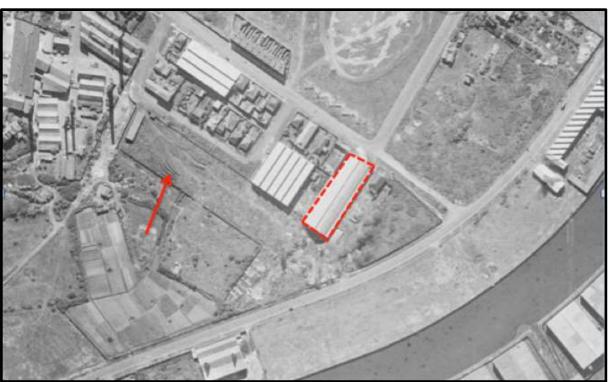


Figure 5. 1943 aerial of the subject site showing building fronting Campbell Street (red outline) and arch timber in yard (red arrow). (Source: SIX Maps, NSW Land and Property Information)

EXTENT HERITAGE / PHOTOGRAPHIC ARCHIVAL RECORDING / RUDDERS BOND STORE

12

<sup>&</sup>lt;sup>5</sup> AECOM Australia Pty Ltd (November 2015) WestConnex New M5 Environmental Impact Statement



Figure 6. The Austral pit which was shared by The Central Brick & Tile Co Pty Ltd. The first building on the subject site can be seen in the background (indicated by red arrow).



Figure 7. 1949 aerial photograph of the subject site. Former Campbell Street building is no longer extant (green oval). New building can be seen on Holland Street (red outline). (Source: Sydney Historical Atlas).

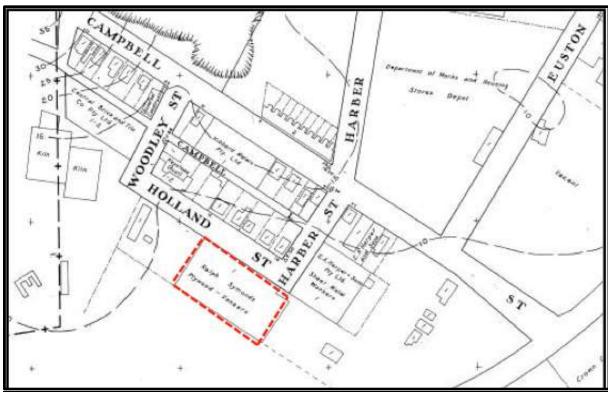


Figure 8. Excerpt of Civic Survey, c1950 – Alexandria West (Source: City of Sydney Archive).
Ralph Symonds Factory highlighted (red outline).



Figure 9. 1951 aerial photograph of the subject site. Holland Street pavilion has reached its extent (red outline) and Campbell Street site is still vacant (green oval).

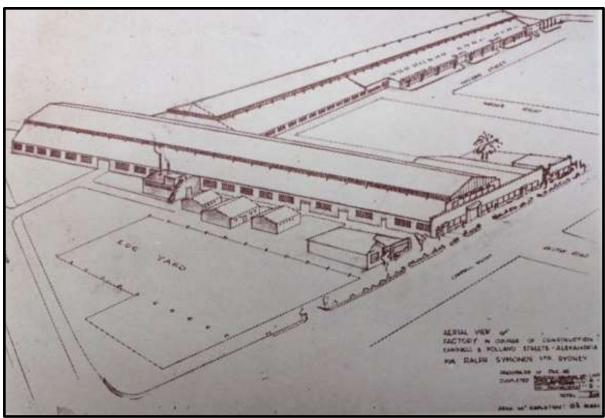


Figure 10. 'Aerial view of factory in course of construction, Campbell & Holland Streets – Alexandria for Ralph Symonds Ltd, Sydney' c1953. (Source: NSW State Library).

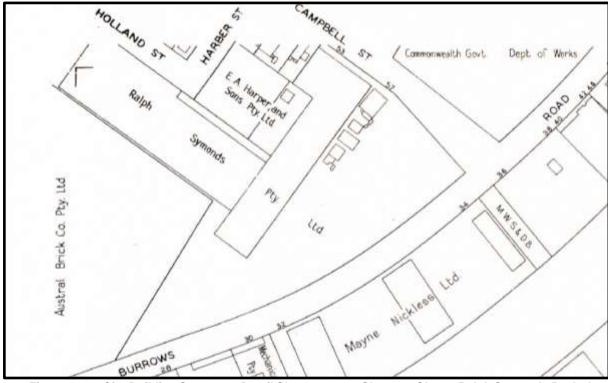


Figure 11. City Building Surveyors Detail Sheets, c1956, Sheet 26. Shows Ralph Symonds Pty Ltd with building fronting both Holland and Campbell Streets. (Source: City of Sydney Council Historic Maps).



Figure 12. Undated photograph of Symonds St Peters factory (now Rudders Bond Store), showing full structure as per 1950s layout. (Source: Ralph Symonds promotional material, NSW State Library).

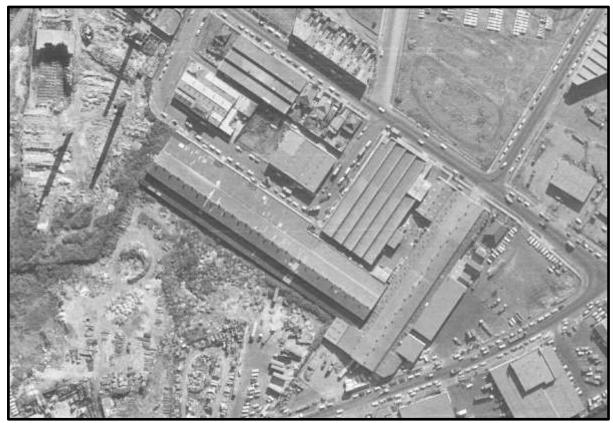


Figure 13. Aerial photograph, 1970. Shows full building as per early 1950s planned layout. (Source: NSW Department of Lands).

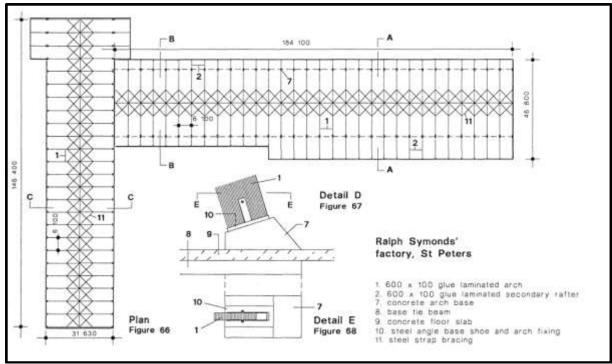


Figure 14. Plan of building 1994. Shows full extent of Holland Street arm (horizontal), which has since been shortened. (Source: Nolan, 1994).



Figure 15. Subject site 2016. Shows current extent of the building. The Holland Street arm has been shortened, reducing it in length by half. (Source: Nearmap, 2016).

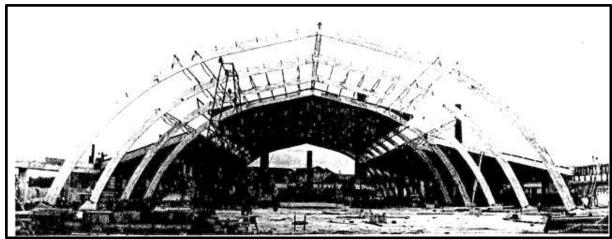


Figure 16. Arches under construction at Symonds St Peters Factory (Holland Street section), c1946. (Source: Nolan, 1994)

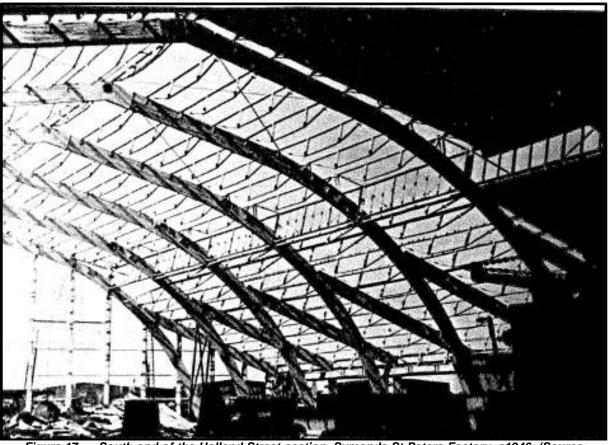


Figure 17. South end of the Holland Street section, Symonds St Peters Factory, c1946. (Source: Nolan, 1994).

#### 3.3 Ralph Symonds and his Company

Ralph Symonds commenced his lifelong association with timber fabrication in 1924 with the foundation of Standardised Furniture at Marrickville in Sydney, which specialised in sliced veneer faced plywood panels.<sup>6</sup> By 1942 he had registered as a proprietary company and became a public company in 1950. He moved into the design of machines for the manufacture of large sheets and incorporated these into his factories where he produced some of the first durable and fire-resistant plywoods.<sup>7</sup>

In 1935 Symonds rented a factory in Moreley Avenue, Rosebury and set it up with machinery for his wood manufacture. By 1943 he had added to this to have other premises at Lilyfield as well as occupying two small spaces on Regent Street, Redfern.<sup>8</sup> Symonds then began construction on his own factory building at St Peters (Rudders Bond Store), which commenced operations in 1946, though the Morley Avenue plant continued to be the main site of operations until 1958.<sup>9</sup>

Symonds was renowned as a master of plywood who specialised in doing things that most people said could not be done. He went bankrupt more than once and built a series of one-off timber and plywood structures. He regarded these projects as essential aspects of product development and company promotion. You symonds maintained "that glue laminated factories were most economic for spans greater than 90ft (27.4 m). Anything less than that and it was cheaper to build in steel. You symonds was reportedly considered a larrikin and clashed with the dominant engineering establishment.

The shortage of steel during WWII created an ideal environment for the use of laminated timber and it was widely used until steel became more available following the close of the war. The advantages of laminated timber were quick construction times and the ability to create wide spans, which was suited to the war-time conditions. Symonds applied this technology for the construction of buildings as well as other projects over the WWII and post-war eras.

Thought to be Symond's first building venture is the extant former National Springs igloo building at 52-54 O'Riordan Street in Alexandria, constructed in 1941 and used for the engineering and construction of aircraft during the war.<sup>13</sup> This building is credited with being the first use of glue laminated timber for large-scale building construction in Australia.

In 1959 the Symonds company moved to a new structure purpose built by Symonds at Homebush Bay. The new factory covered an area of over 14 acres and made use of a waterside location for transport. It consisted of three parallel rows of tied three pin glue laminated arches. The arches were glue laminated on the ground slab of the building and erected by Symonds' own work force. The whole work took only 18 months. Each row of arches is at 52 m centres while each arch spans 43 m. Glue laminated

<sup>&</sup>lt;sup>6</sup> Cochrane, J. Ralph Symonds Pty Ltd and the Sydney Opera House, Faculty of Architecture, The University of Newcastle.

<sup>&</sup>lt;sup>7</sup> Wyatt, Ken (2000) Ralph Symonds Plywood Factory. In: Lowe, PG (Editor); Hill, RF (Editor). Second Australasian Conference on Engineering Heritage, Auckland: Proceedings. Auckland, N.Z.: Institution of Professional Engineers New Zealand: 243-248.

<sup>&</sup>lt;sup>8</sup> Honchcroft, Y. (1987). Company History of Ralph Symonds Australia Ltd (unpublished). Mitchell Library, Sydney.
<sup>9</sup> Honchcroft, Y. (1987). Company History of Ralph Symonds Australia Ltd (unpublished). Mitchell Library, Sydney.
<sup>10</sup> Cochrane, J. Ralph Symonds Pty Ltd and the Sydney Opera House, Faculty of Architecture, The University of Newcastle.

<sup>&</sup>lt;sup>11</sup> From an address entitled Facts & Fallacies of Timber Design; Reported in Australian Timber Journal; January, 1957; p. 103. In Noland G. (1994) *The Forgotten Long Span Timber Structures of Australia, A Thesis for the Degree of Master Of Architecture*, Department of Architecture, University of Tasmania Launceston.

<sup>&</sup>lt;sup>12</sup> Nolan G. (October 1994) *The Forgotten Long Span Timber Structures of Australia*, A Thesis for the Degree of Master Of Architecture, Department of Architecture, University of Tasmania Launceston.

<sup>&</sup>lt;sup>13</sup> AECOM Australia Pty Ltd (November 2015) WestConnex New M5 Environmental Impact Statement

rafters span between. There are 46 arch bays in each row at 7. 6 m centres. This gives a building over 156m wide and 350m long. This is the largest timber building constructed in Australia. <sup>14</sup>

Symonds work was used in the construction of the Sydney Opera House. The technology developed by Ralph Symonds Limited was essential to architect Joern Utzon's method of design development for the structure. Utzon was an ally to Symonds in his willingness to technically develop Symonds ideas about the creative potential for plywood in architecture. Symonds and Utzon appear to have worked in collaboration, with Symonds solutions being applicable to the irregular plan and form of the building. Ralph Symonds died prematurely in 1961 and Ralph Symonds Ltd carried on the work on the Opera House under the direction of Mr Ellis Ezra. <sup>15</sup>

Symond's entrepreneurship and creative experimentation in plywood lead to a number of interesting commissions. During the war, he made plywood landing craft for the Army and decoy Kittyhawk aircraft for the Air Force. Constructed specifically for a singular event was the 'Ceremonial Arches' commemorating Queen Elizabeth II's visit to Sydney in 1954. Six arches were constructed for the event for display in Sydney as well as an additional arch manufactured for Melbourne. They were named: 'The Timber development Association's Log Arch'; 'The City Council Boomerang Arch'; 'The Insurance Companies' Arch'; 'The Bankers' Arch'; 'The Retail Traders' Arch'; The Agricultural Society's Arch'. Only documentary evidence of these arches remains.

Symonds projects also included prefabricated schools for the NSW Department of Education, roofing for the Myer music bowl, the curved copper awning for the Wentworth Hotel, Sydney, framing for the Leonard French glass ceiling at the National gallery of Victoria and an enclosure for the astronomical telescope at Mt Stromlo.<sup>17</sup>

Symonds produced at least one other major arch building before 1958. This was a 120 ft (36. 6 m) span factory for Neon Industries in Melbourne. The arches for this building appear very similar to those used in Symonds St Peters factory. They were 28 x 4 ins (710 x 100 mm) members glue laminated from oregon. Symonds shipped them from St Peters to Melbourne on a special truck and bogey. He is also responsible for another Victorian building, the Turner & Burge factory built in 1945.

It is possible that Symonds constructed other glue laminated timber arch buildings in Sydney and other cities between 1942 and his death in 1961.<sup>18</sup>

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20

<sup>&</sup>lt;sup>14</sup> Nolan G. (1994) *The Forgotten Long Span Timber Structures of Australia*, A *Thesis for the Degree of Master Of Architecture*, Department of Architecture, University of Tasmania Launceston.

<sup>&</sup>lt;sup>15</sup> Cochrane, J. (1998) *Ralph Symonds Pty Ltd and the Sydney Opera House*, Faculty of Architecture, The University of Newcastle.

<sup>&</sup>lt;sup>16</sup> Nolan G. (October 1994) *The Forgotten Long Span Timber Structures of Australia, A Thesis for the Degree of Master Of Architecture*, Department of Architecture, University of Tasmania Launceston, p.34-7

<sup>&</sup>lt;sup>17</sup> Cochrane, J. (1998) *Ralph Symonds Pty Ltd and the Sydney Opera House*, Faculty of Architecture, The University of Newcastle.

<sup>&</sup>lt;sup>18</sup> Noland G. (October 1994) *The Forgotten Long Span Timber Structures of Australia, A Thesis for the Degree of Master Of Architecture*, Department of Architecture, University of Tasmania Launceston.



Figure 18. Photograph of Ralph Symonds Morley Avenue factory. (Source: A School Is Born, Ralph Symonds Ltd, Sydney. c1950. NSW State Library).



Figure 19. Symonds Homebush Bay factory. (Source: NSW State Library).

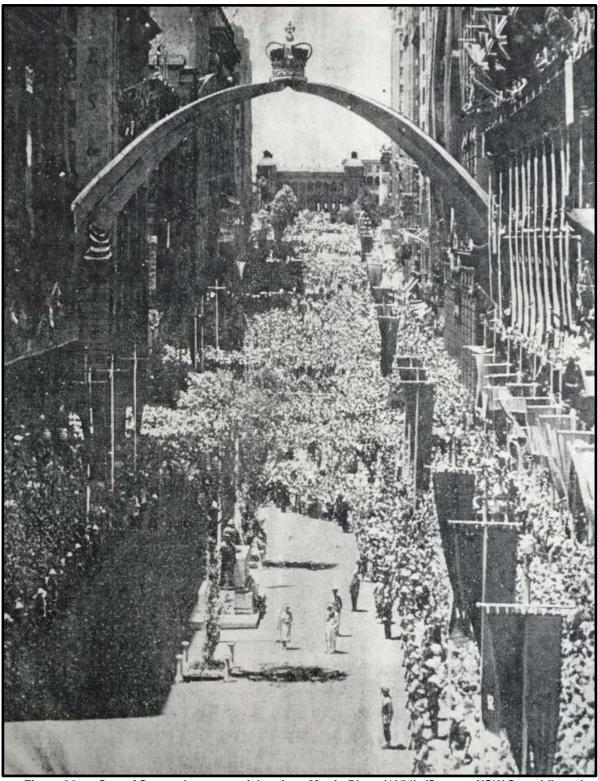


Figure 20. One of Symonds ceremonial arches, Martin Place (1954). (Source: NSW State Library)

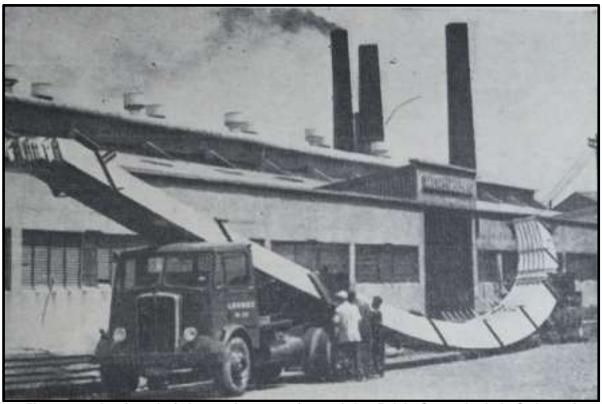


Figure 21. Laminated timber arches manufactured by Ralph Symonds Ltd, Sydney, for transportation to Melbourne for the Neon Industries building. (Source: "120ft Laminated Timber Arches, Transported from Sydney to Melbourne. Building Lighting Engineering, 24 March 1955 p.33. NSW State Library).

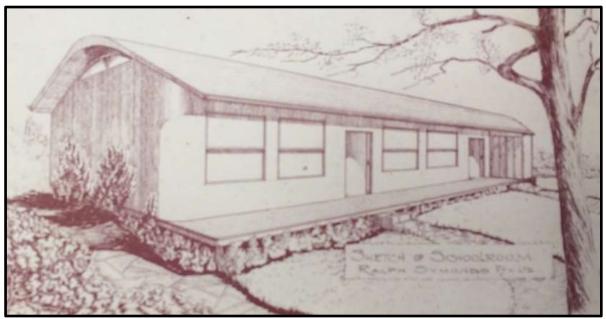


Figure 22. Sketch of moulded school room designed by Ralph Symonds. (Source: A School Is Born, Ralph Symonds Ltd, Sydney. c1950. NSW State Library).

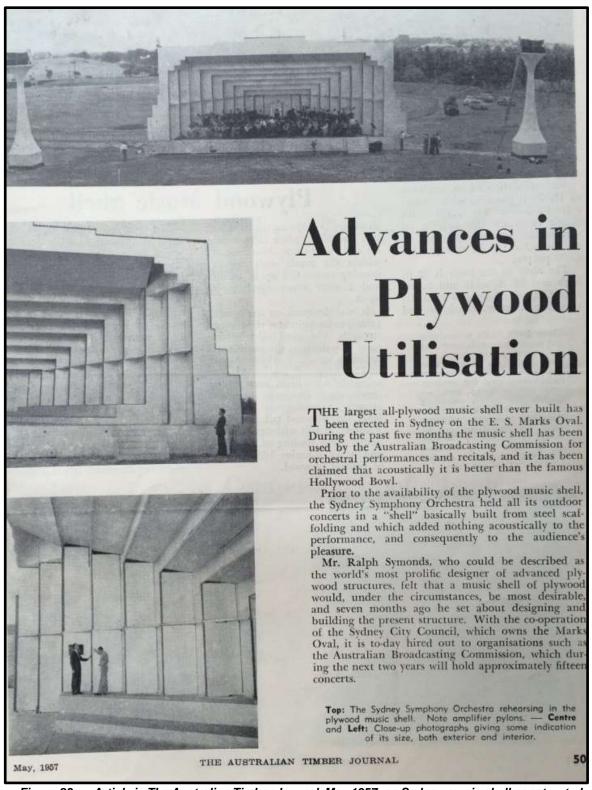
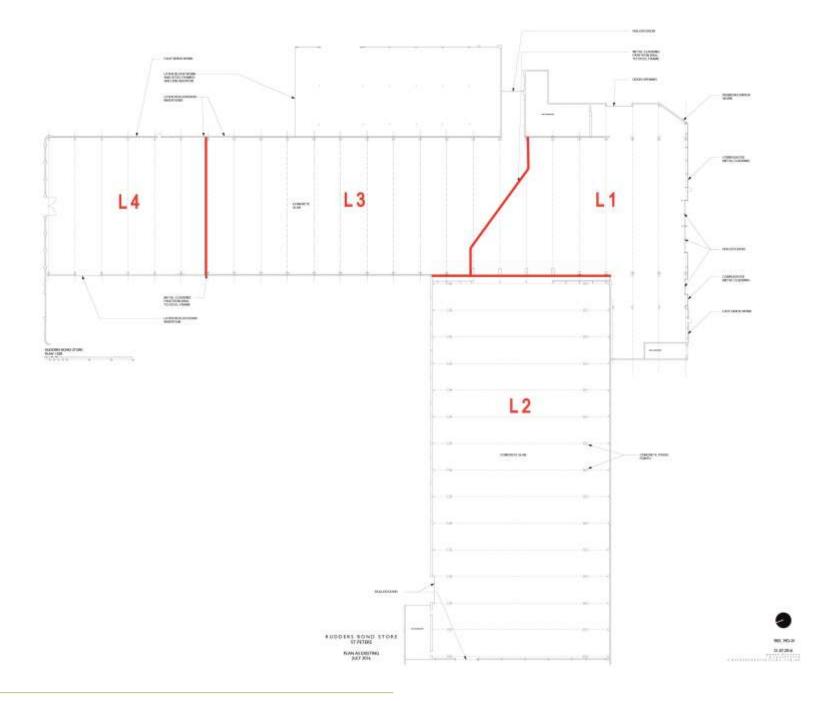


Figure 23. Article in The Australian Timber Journal, May 1957, on Sydney music shell constructed by Ralph Symonds. (Source: NSW State Library).

#### 4 PHOTO LOCATION PLAN

The subject site is comprised of a number of buildings. The primary structure on the site, and the focus of this archival recording, is the former Ralph Symonds warehouse; currently titled 'Rudders Bond Store'. Rudders Bond Store is divided into four internal sections, which for the purposes of this report will be described as locus 1, 2, 3, and 4. Each division is marked and titled in a red overlay and will relate to the floor plan below: RBS\_MD.01 (provided by The Archivist Pty Ltd).



### 5 PHOTOGRAPHIC RECORDING SHEETS

Site Name:	Rudders Bond Store
Photographer:	Kylie Christian
Date:	09/03/16 and the 29/03/16
Camera:	Canon EOS 5D and 7D
Lens:	10-20mm, 24-80mm
Comments:	Two site visits were conducted and the photos combined.

Image N	Direction	Details	Thumbnail
001_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east, view of south-western elevation, loading bay, and entrance.	
002_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east, view of south-western elevation, loading bay, and entrance.	
003_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east, view of south-western elevation, loading bay, and entrance.	
004_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east, view of south-western elevation, loading bay and entrance.	
005_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east, view of south-western ancillary room.	

006_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east, profile of south-eastern elevation and ancillary room against Burrows Road.	
007_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east, profile of ancillary room, north western elevation.	
008_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east, view of loading bay and entrance to interior loading docks.	
009_RUDDERSBON D_MARCH2016.jpg		Facing south-west, profile of southern elevation and path leading to loading docks.	
010_RUDDERSBON D_MARCH2016.jpg	SW	Facing north-east, profile of south-eastern ancillary room graffiti.	
011_RUDDERSBON D_MARCH2016.jpg	W	Facing north-west, view of south-eastern ancillary room graffiti.	

012_RUDDERSBON D_MARCH2016.jpg	W	Facing north-west, view of south-eastern ancillary room graffiti.	
013_RUDDERSBON D_MARCH2016.jpg	W	Facing north-west, view of south-eastern ancillary room graffiti.	
014_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west, view of Burrows Road offices.	
0015_RUDDERSBO ND_MARCH2016.jp g	W	Facing west, view of Burrows Road offices.	
016_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east, view of Burrows Road car park, and profile of garage	No. of the second secon
017_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west, view of Burrows Rd car park and garage.	
018_RUDDERSBON D_MARCH2016.jpg	W	Facing west, view of Burrows Road car park and garage.	
019_RUDDERSBON D_MARCH2016.jpg	W	Facing west, view of Burrows Road car park and garage.	

020_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west, view of Burrows Road garage interior.	
021_RUDDERSBON D_MARCH2016.jpg	W	Facing west, view of Burrows Road garage interior.	
022_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west, view of east-side entrance.	
023_RUDDERSBON D_MARCH2016.jpg	N	Facing north, view of east-side entrance and fence.	
024_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east, view of former Campbell Road carwash.	
025_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west, view of former Campbell Road carwash.	
026_RUDDERSBON D_MARCH2016.jpg	W	Facing west, view of house at 53 Campbell Road from former carwash.	
027_RUDDERSBON D_MARCH2016.jpg	W	Facing west, view of former car wash, former garage and east-side entrance.	

028_RUDDERSBON D_MARCH2016.jpg	W	Facing south-west, view of former car wash, former garage and east-side entrance.	
029_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west, view of Rudders Bond Store and 53 Campbell Road house.	
030_RUDDERSBON D_MARCH2016.jpg	S	Facing south, view of north façade of 53 Campbell Road cottage.	
031_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east, view of 53 Campbell Road and former car wash.	
032_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west, view of Campbell Road streetscape.	
033_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east, view of Campbell Road streetscape.	
034_RUDDERSBON D_MARCH2016.jpg	S	Facing south, view of Rudders Bond north façade and entrance.	
035_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east, view of Rudders Bond north façade and entrance.	

036_RUDDERSBON	SW	Facing south-west,	
D_MARCH2016.jpg		view between former carwash building and east elevation of Rudders Bond Store.	
037_RUDDERSBON D_MARCH2016.jpg	W	Facing west, view of 53-7 Campbell Road complex.	
038_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west, view of Burrows Road streetscape.	
039_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west, view of 53-7 Campbell Road complex and Burrows Road streetscape.	
040_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west, view of 53-7 Campbell Road complex and Burrows Road streetscape.	
041_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east, view of Holland Street, streetscape.	
042_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east, view of north-western elevation of Rudders Bond Store from Holland Street.	
043_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 1, view of interior.	

044_RUDDERSBON D_MARCH2016.jpg	W	Facing west in locus 1, view of interior.	
045_RUDDERSBON D_MARCH2016.jpg	E	Facing east in locus 1, view of interior.	
046_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 1, view of interior.	
047_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-west in Locus 1, detail of arch and secondary rafter.	
048_RUDDERSBON D_MARCH2016.jpg	SE	Detailing concrete foundation and arch.	
049_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, view of loading dock interior.	ARMINO

050_RUDDERSBON D_MARCH2016.jpg	S	Facing south in locus 1, detailing condition of internal brickwork.	
051_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 1, detailing condition of internal brickwork.	
052_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 1, view of interior.	
053_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, view of arch, rafters and ceiling.	
054_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, detailing arch and bolted D-shaped brackets with welding on either side.	
055_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, view detailing arch and bolted D-shaped brackets with welding on either side.	

056_RUDDERSBON D_MARCH2016.jpg	E	Facing east in locus 1, view of underside of arch and foundation in profile against east wall.	
057_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 1, view of interior.	
058_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 1, view of interior.	
059_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 1, view of interior.	
060_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, view of south-side entrance.	
061_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, view of interior and arches and rafters.	

062_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, view of interior.	
063_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 1, view of secondary rafter foundation beams.	
064_RUDDERSBON D_MARCH2016.jpg	S	Facing south in locus 1, view of interior and welded box column of secondary rafter.	
065_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 1, view of remnant building.	
066_RUDDERSBON D_MARCH2016.jpg	N	Facing north in locus 1, view of welded box column of secondary rafter.	
067_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 1, detail outer arch steal clamp.	

068_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 1, detail of inner arch I-Beam and steal clamps.	
069_RUDDERSBON D_MARCH2016.jpg	N	Facing north in locus 1, detailing layers of laminated timber.	
070_RUDDERSBON D_MARCH2016.jpg	N	Facing north in locus 1, detailing layers of laminated timber and steal clamp.	
071_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, view of arches.	
072_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, view of arches and remnant building.	

073_RUDDERSBON D_MARCH2016.jpg	S	Facing south in locus 1, view of interior.	
074_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 2, view of floor tracks between locus 1 and locus 2.	
075_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 2, view arch and secondary rafter.	
076_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 2, view of arch and secondary rafter.	
077_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 1, view of concrete footing between locus 1 and locus 2.	
078_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 1, view of concrete footing between locus 1 and locus 2.	
079_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 1, view of concrete footing between locus 1 and locus 2.	
080_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 1, view of concrete footing between locus 1 and locus 2.	

081_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 2, view of concrete foundation between locus 1 and locus 2.	
082_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east, view of concrete footing between locus 1 and locus 2.	
083_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west between locus 1 and locus 2, detailing outside corridor.	
084_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 2, detailing gable at south-eastern end.	
085_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 2, view of laminated timber arches.	
086_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 2, detailing laminated timber arches and steal clamp with bolted I-beam.	

087_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 2, detailing laminated timber arches and steal clamp with bolted I-beam.	
088_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 2, detailing concrete footing with additional steal column.	
089_RUDDERSBON D_MARCH2016.jpg	E	Facing east in locus 2, detailing electrical outlet on timber laminate column.	
090_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 2, view of ceiling and sky-lighting.	
091_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 2, view of ceiling and sky-lighting.	
092_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 2 view of interior.	
093_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 2, view of interior.	
094_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 2, view of interior.	

095_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 2, view of interior.	
096_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 2, view of interior.	
097_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 2, view of interior.	
098_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 2, view of interior.	
099_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 2, view of interior.	\\\!//
100_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 2, view of interior.	
101_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 2, view of interior.	
102_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 2, view of interior.	

103_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 2, view of interior.	
104_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 2, view of interior.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
105_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 2, view of interior.	
106_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 2, view of interior.	
107_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 2, view of interior.	
108_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 3, view of interior.	
109_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 3, view of interior.	
110_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 3, view of interior.	

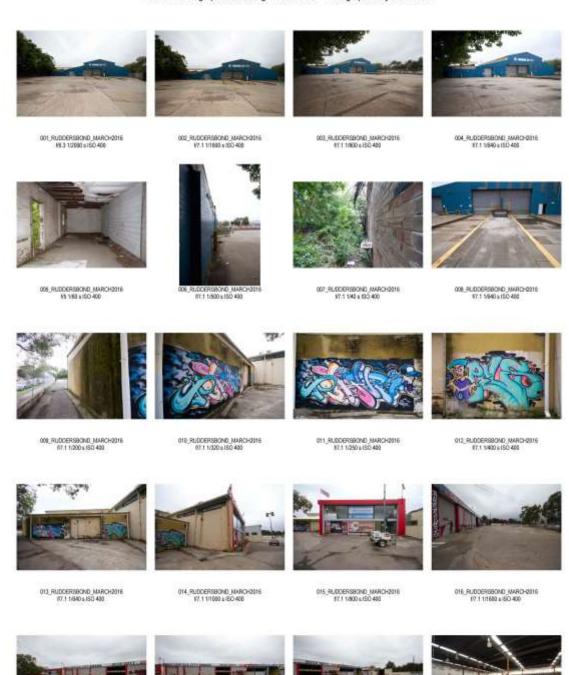
111_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 3, view of interior.	
112_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 3, view of interior.	
113_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 3, view of interior and portable offices.	
114_RUDDERSBON D_MARCH2016.jpg	S	Facing south in locus 3, view of interior and corridor to garage and Burrows Rd offices.	
115_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 3, view of corridor leading to garage and Burrows Rd offices.	
116_RUDDERSBON D_MARCH2016.jpg	SW	Facing north-west in locus 3, view of interior.	
117_RUDDERSBON D_MARCH2016.jpg	SW	Facing north-west in locus 3, view of interior.	
118_RUDDERSBON D_MARCH2016.jpg	SW	Facing north-west in locus 3, view of interior.	

119_RUDDERSBON D_MARCH2016.jpg	SW	Facing north-west in locus 3, view of interior.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
120_RUDDERSBON D_MARCH2016.jpg	SW	Facing north-west in locus 3, view of interior.	
121_RUDDERSBON D_MARCH2016.jpg	SE	Facing north-east in locus 3, view of interior.	
122_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 3, view of interior.	
123_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 3, view of interior.	
124_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 3, detailing windows and window hatch.	
125_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 4, view of interior, gable and skylighting.	
126_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 4, view of interior and sky-lighting.	

127_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 4, view of interior and sky-lighting.	
128_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 4, view of interior and sky-lighting.	
129_RUDDERSBON D_MARCH2016.jpg	NE	Facing north-east in locus 4, view of arches.	
130_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 4, view of interior.	
131_RUDDERSBON D_MARCH2016.jpg	SW	Facing south-west in locus 4, view of interior.	
132_RUDDERSBON D_MARCH2016.jpg	SE	Facing south-east in locus 4, view of interior.	
133_RUDDERSBON D_MARCH2016.jpg	NW	Facing north-west in locus 4, view of fire extinguishing station.	

#### **6 PHOTOGRAPHIC PROOF SHEETS**

Rudder Bond Store (former Ralph Symmons Factory) 53-57 Campbell Road, St Peters Archival Photographic Recording - March 2016 - Photographer: Kylie Christian



Page 1 of 7

019, RUDDERSBOND, MARCH2016 67.1 1/1600 s ISO 400

018\_RUDCERSBOND\_NARCH2016 97.1 111290 s (SO 400

017\_RUDDERSBOND\_MARCH0016 87.1 1/1600 s180 406

020, RUDDERSBOND, MARCH0016 17.1 150 s ISO 400









021\_RUDDERSBOND\_MARCH2016 87.1 VN0 # 850 400

022\_RUDDERSBOND\_MARCH2016 87.1 3/1000 x ISO 806

029\_RUDDERSBOND\_MARCH2

024\_RUDDERSBOND\_WARCHOO







026\_RUDDERSBOWD\_MARCH2016 8T.1 1/250 a ISO 480



027\_RUDQERSBOND\_MARCH2016 07.1.1/1250 to 150.400



028\_RUDDERSBOND\_NARCH0016 07.1 1/1250 ± ISO 400



029\_RUDDERSBOND\_MARCH2016 86.3 1/900 s 15O 400



(00\_RUDDERSBOND\_MARCH2016 86.3 1/500 s ISO 480



031 RUDDERSBOND MARCH2016



30 RUODERSBOND MARCHON



039\_RUDISERSBOND\_MARCH2016 86.3 1/900 s (SO 400



004\_RUDDERSBOND\_MARCH2016 96.3 1/900 s (SO 480



008 RUDDERSBOND JVARCH2016 96.3 1/900 e ISO 449



006\_RUDDERSBOND\_MARCHQ016 96.3 1/640 o ISO 484



037 FUDDERSBOND MARCH2016 95.3 111090 ± GO-809



(15E, RUDGERSBOND, MARCH2016 95.3 1/540 ± 15/0-490



039\_RUDGERSEKIND\_MARCH2016 86.3 1/800 ± 15.0 400



646\_RUDDERSHOND\_MARCHQ016 97.1 5500±15D 484

Page 2 of 7





042 RUDDERSBOND MARCH2016 87.1 1500 e130 400



043\_RUDDERSBOND\_NRRCH2016 #E.3 1/13 x ISO 400



044\_RUDDERSBOND\_MARCH2016 96.3 1/6 ± 5/0 408



045\_RUDDERSBOND\_MARCH2016 96.3 18 s (SO 468



046\_RUDDERSBOND\_MARCH2016 96.3 1713 s ISO 400



047\_RUDDERSBOND\_MARCH2016 96.3.0.3 ± ISO 400



048\_RUDDERSBOND\_MARCH0016 96.3 1/4 ± 50 408





064\_RUDDERSBOND\_MARCH2016 94.3.16.5.150.468





052\_RUDDERSBOND\_MARCH2016 96.30.3 ± BO 408



052\_RUDDERSBOND\_MARCH2016 09.16-e1SO-468



054\_RUDDERSBOND\_MARCH2016 96.165.6 (SO.48)



005\_RUDDERSBOND\_WARCH2016 59.0.4 (150 40)



056\_RUDDERSBOND\_WARCHQS1 56:0.45:50-466



657 SUDGERSBOND MARCH2016 953 915 ± 50 400



(68; FUDDERSBOND MARCH2016 95:3 1/13 x 650 400

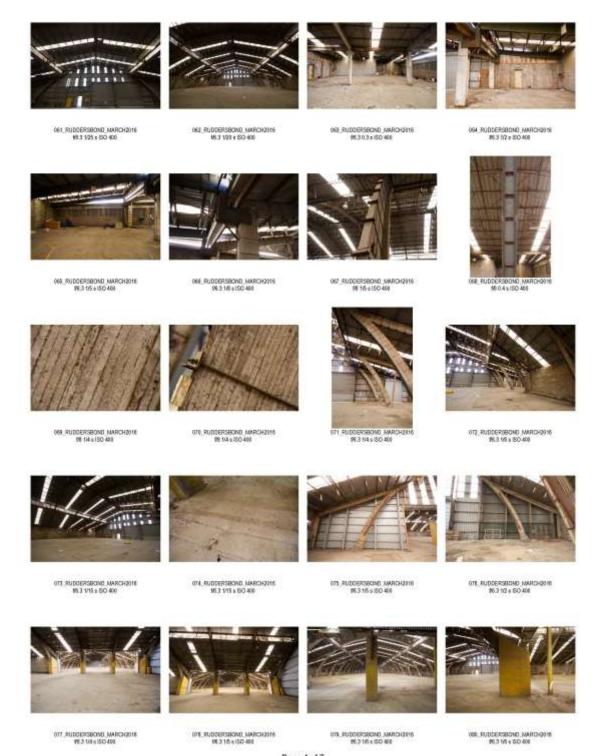


069\_RUDDERSBOND\_MARCH2816 96.3 181±150-468



068\_RUDDERSBOND\_MARCHQ016 86.3 100 x ISO 400

Page 3 of 7



Page 4 of 7







(82\_RUDDERSBOND\_MARCH201



80\_RUDDERSBOND\_MARCH



084\_RUDDERSBOND\_NARCHQ0



065\_RUDDERSBOND\_MARCH2016 .08.1/2 s150.409



066\_RUDDERSBOND\_MARCH2016 06.5 1/4 ±150 488



067\_RUDGERSBOND\_MARCH2016 06.3 t/4 ± ISO 400



088\_RUDDERSBOND\_MARCH0016 98.0.4 t ISO 400



069 RUDGERSBOND MARCH20



066 RUDDERSBOND MARCH2016 ML2 1/13 v ISO 406



091 RUDGERSBOND MARCH2816 1/9 1/10 s BO 400



000 RUDDERSBOND MARCH2016 WL2 1/12 i 190 400



062 RUDDERSBOND MARCH2016 95.3 1/10 e SO 400



094, RUDDERSBOND, MARCH2016 95.3 1/18 x ISO 400



068\_RUDDGRSBCMD\_MARCH2016 96.3 18 6 (SO 40)



096\_RUDDERSBOND\_MARCHQS16 99.3 1/18 ± 190-400



667, RUDGERSBOND, MARCH2016 95,3 910 ± 500 400



WE\_RUDGERSBOND\_MARCH2016 ME3 1/15 x GO 400



066\_RUDGERSBOND\_MARICH2815 95.2 1/15 x (5O 400



100\_RUDDERSBOND\_MARCHQ016 86.3 100 x ISO 400

Page 5 of 7









102\_RUDDERSBOND\_MARCH2016 ML3 105 6 BO 400 103\_RUDDERSBOND\_NARICH2016 #8.3 1/30 x ISO 400











105\_RUDDERSBOND\_MARCH2016 95.3 1/15 a ISO 400

106\_RUDDERSBOND\_MARCH2016 06.3 8.4 ±150 488

107\_RUDDERSBOND\_MARCH2016 96.3 196.4 ISO 400

108\_RUDDERSBOND\_MARCH9916 96.3 165 ± 50.408









109\_RUDGERSBOND\_MARCH2016 86 16 s ISO 488

116\_RUDDERSBOND\_MARCH2016 98 1/4 s (50 40)









113\_RUDDERSBOND\_MARCHQ016 88 0.4 o ISO 488

114, RUDDERSBOND, MARCH2016 98.0.4 v ISO 489

115\_RUDGERSBOND\_MARCH2016 56 10:e150 406

116\_RUDDERSBOND\_WARCHQ016 15 156 x 190 400









117\_RUDGERSBOND\_MARCH2018 08 1/6 ±15D 488

118\_RUDDERSBOND\_MARCH2016 98:0.4 o ISD 489

119\_PUDDGROSECIND\_MARCH2015 00:0.4 s 150 400

126\_RUDDERSBOND\_MARDIQUIS 90.04±350-860

Page 6 of 7







122\_RUDDERSBOND\_MARCH201



123\_RUDDERSBOND\_NARCH2016 16 15 e150 400



134\_RUDDERSBOND\_MARCHQ016 9610.3±150-400



125\_RUDGERSBOND\_MARCH2016 97.1 1/60 x (50 400



126\_RUDDERSBOND\_MARCH2016 49 190 v ISO 400



127\_RUDDERSBOND\_WARCH2016 19 1/90 a ISO 400



128\_RUDDERSBOND\_MARCH0016 V8 198 & 190 400



129\_RUDOERSBOAID\_MARCH2016 19 149/ ii SC 408



136 RUDDERSBOND MARCH2016 98 18 s (50 40)



131\_RUDGERSBOND\_MARCH2016 19 1/15 a BO 400



132\_RUDDERSBOND\_MARCH2016 IR 1/15's ISO 400



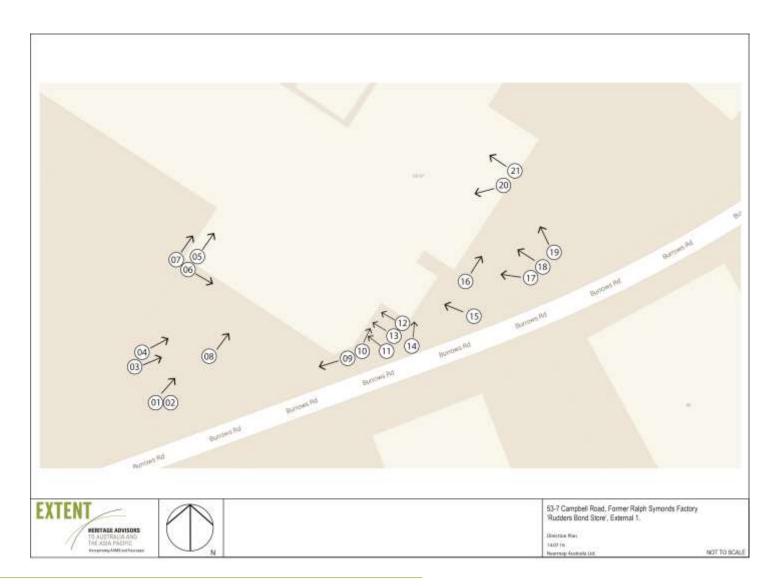
139 RUDDERSBOAD MARCH2016 189 1/15 a ISO 408



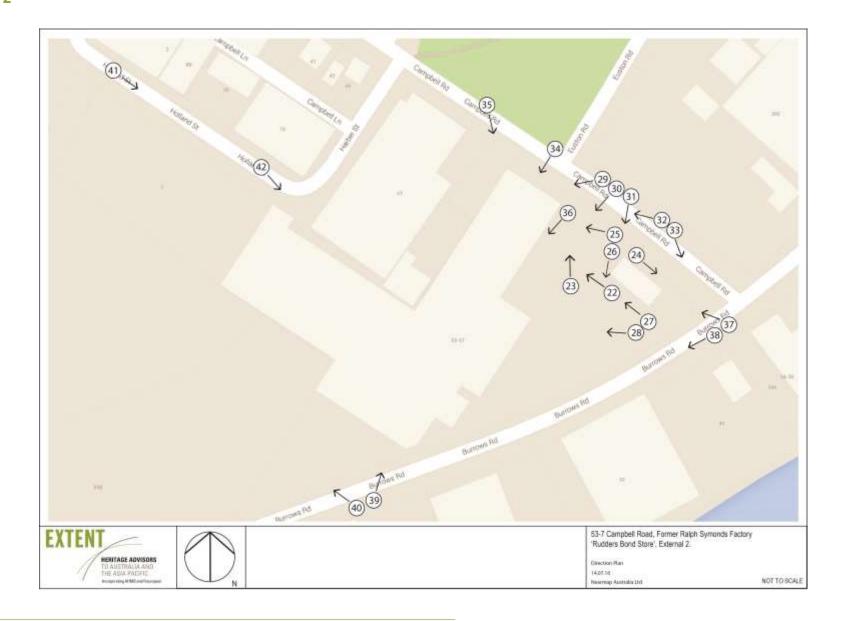
134, RUDDERSBOND, MARCH2016 98 165 a ISO 488

## 7 PHOTOGRAPH DIRECTION PLANS

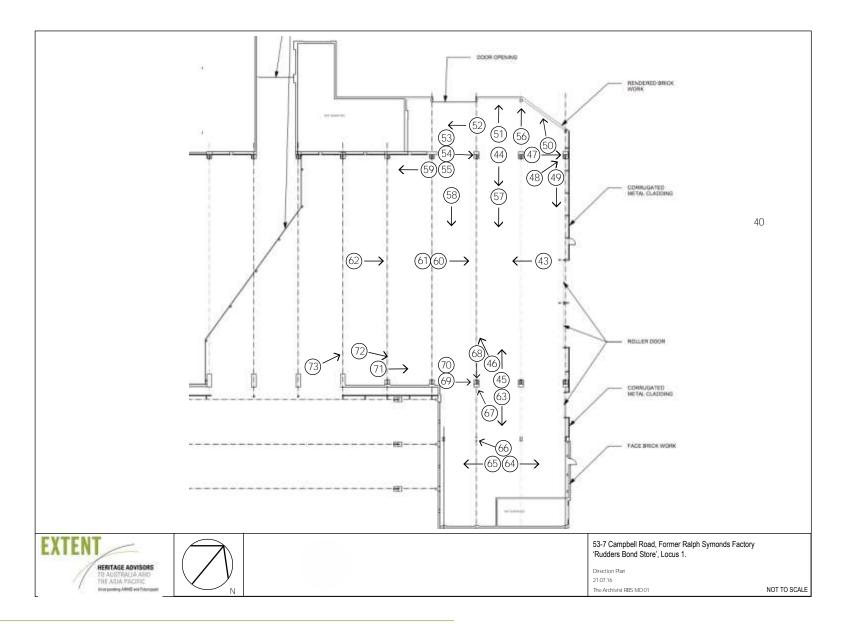
## 7.1 External 1



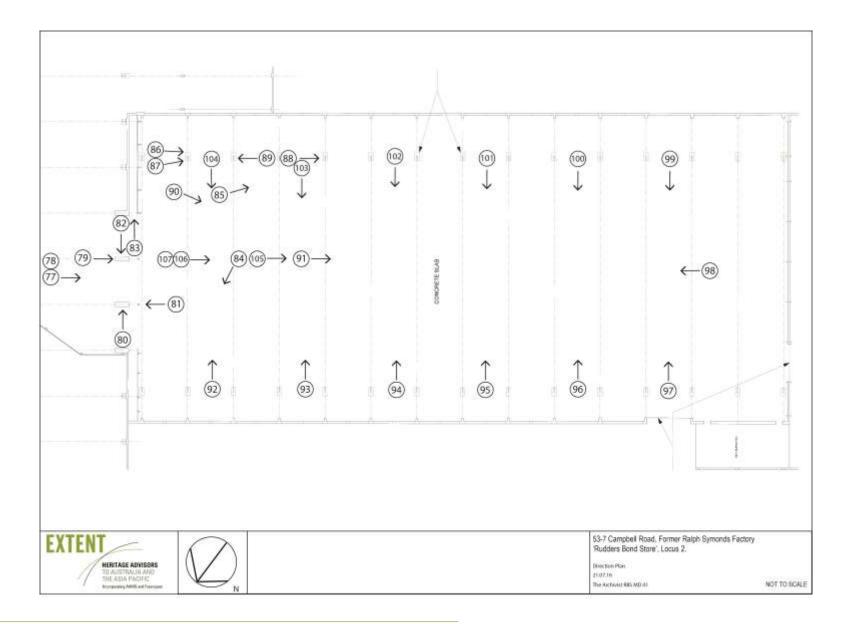
## 7.2 External 2



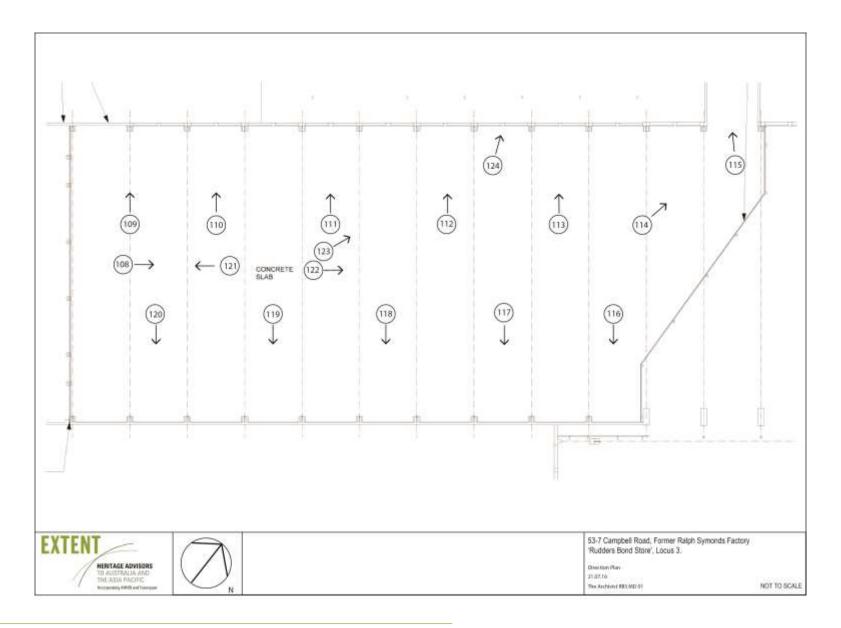
#### 7.3 Locus 1



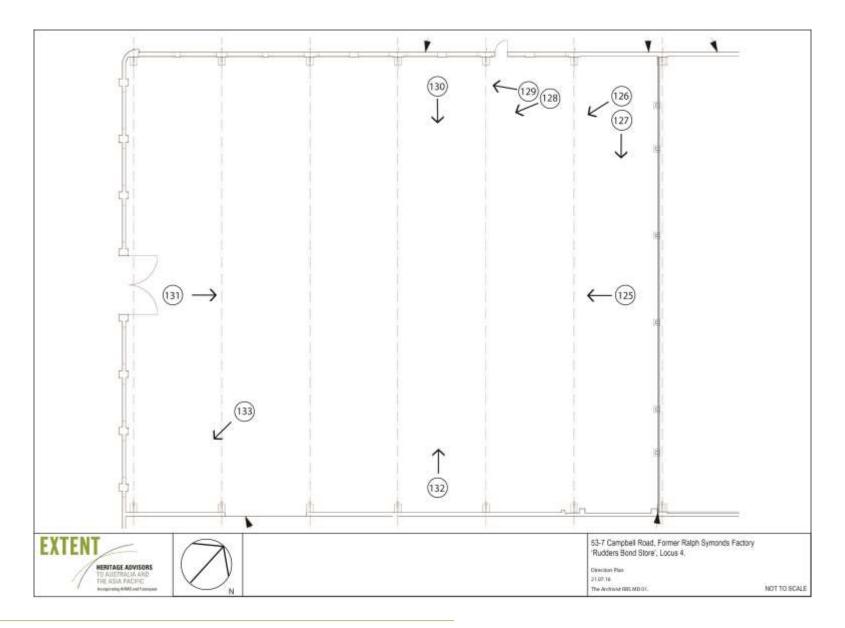
#### 7.4 Locus 2



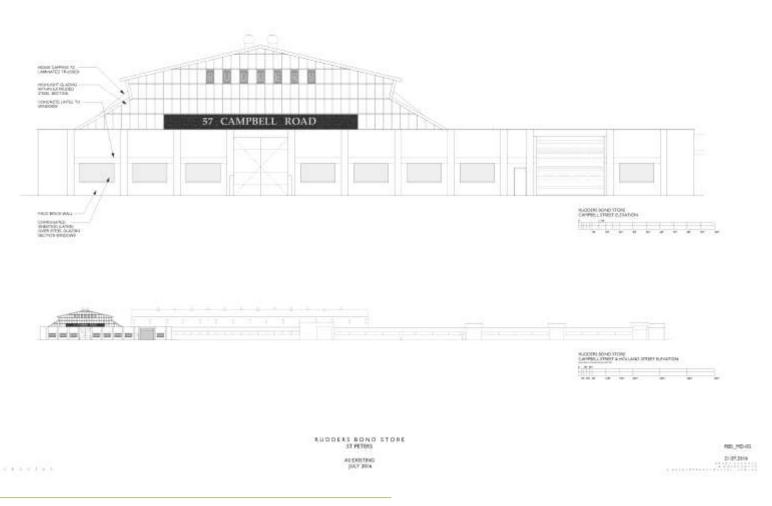
## 7.5 Locus 3

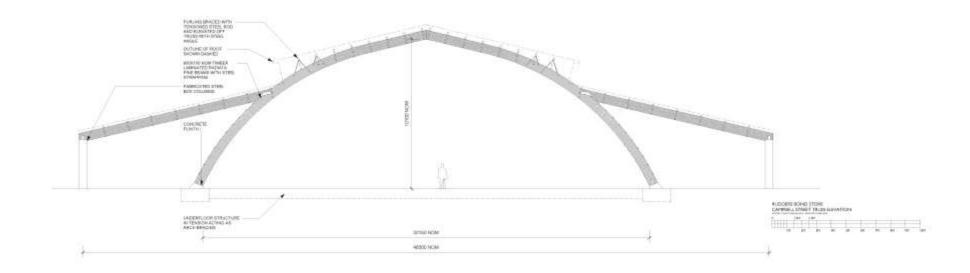


## 7.6 Locus 4



## 8 MEASURED DRAWINGS

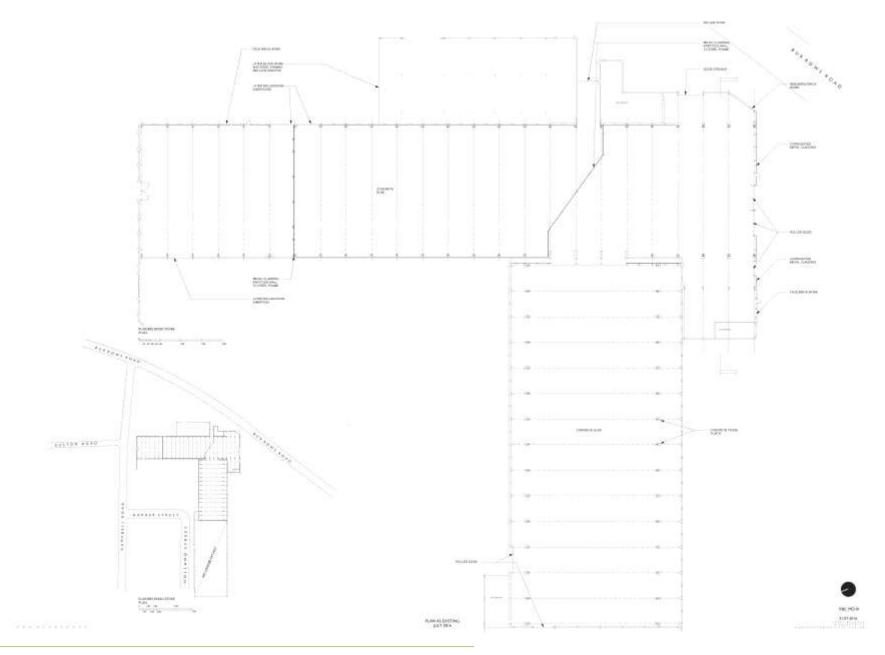




RUDDERS BOND STORE STRETEGS

AS EXISTENCE JULY 2016 885\_HC-49 21.67.2016

TRACE AND A SECTION OF



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