



Architectural Projects*

1759 – Willoughby City Council
Heritage Study Review
August 2018

(EXTRACT)

Architectural Projects*

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1759 – WILLOUGHBY CITY COUNCIL – HERITAGE STUDY REVIEW

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2.2. ELOUERA BY CASTLEDEN

Building Name

Elouera, Toonburra, Corella

Address

9 Centennial Avenue, West Chatswood

Designer/Architect

FG Castleden

Year

1896

History

The subject land was part of Isaac Nichols' 'Kings Plains', a property comprising 200 acres.

The alluvial soils along the eastern banks of the Lane Cove River between Blue Gum Creek & Swaines Creek were developed as orchards by the Jenkins & Fuller families, descendants of William Henry in the mid nineteenth century. A portion of Nichols' Estate bound by Centennial Avenue, Gordon Road (Pacific Highway), Fullers Road and orchardist William J Fathers 13 acres to the west became Mrs Fuller's estate.

Centennial Avenue was known as Fathers Road, until 1888 when the name was changed to mark the Centenary of European Settlement in Australia. Sands directories show the first occupant of Centennial Avenue (then Fathers Rd) was AC Fathers in 1888. The following year, John Gravell and AC Fathers are listed. Land on the south of Centennial Avenue was subdivided and developed first as the North Shore Railway Estate in 1889.

The impact of the opening of the Railway Station at Chatswood in 1890, and the extension of the railway to Milsons Point in 1893 is also evident in the Sands directories. In 1893 when pioneer settlers Fathers and Gravell are joined by gentlemen William Jenkins at "Keirawarra", John de Villiers Lamb at "Maroombah", and architect Frederick Castleden on the corner of Centennial and Whitton Road.

In January 1892, FG Castleden wrote to Willoughby Council stating he was building in Centennial Avenue, (Evening News, 5 January 1892, p3). In June 1892, J de V. Lamb called Willoughby Council's attention to the quality of the work in progress at Centennial Avenue (Daily Telegraph 14 June 1892 p6).

The subject site, Part Lot 63 of the Fullers Estate, was purchased by WJR Jenkins in 1896, who at that time was resident of "Keirawarra" on the south corner of Centennial and Pacific Highway.

In January 1896, the Building & Engineering Journal & Builders' News included a list of works erected during 1895, from the designs of Castleden and Lake. Three listings in Chatswood were included, the last being the subject property:

Cottage situated at Chatswood, for Mrs Huxtable.

Cottage situated at Chatswood, for G. Howarth, Esq., M.L.C.

Residence situated at Chatswood, for W. J. R. Jenkins, Esq.

This list confirms that a Residence at Chatswood, for W. J. R. Jenkins, Esq. from the designs of Castleden and Lake was under construction in 1895.

The subject house "Elouera" is first listed in the Sands Directory of 1897 (suggesting a likely date of occupation of 1896), and was initially occupied by WP Dawson.

The remainder of Fullers Estate was offered for auction sale in 1897. The advertisement shows Mr Jenkins as owner of Lot 63, which comprised the block from Jenkins to Edgar Street. By 1898, surgeon Alfred Shewen is occupying the block north of Jenkins St, and the following year F. Wright is listed at "Straletta" a two story double fronted brick residence.

Nancy Booker and Ida Bennett note that Jenkins St was named in 1898 after the early settler and orchardist Thomas Jenkins. It is possible that it was named after W. R. J. Jenkins, who had purchased and built on the corner of Jenkins and Centennial Avenue by the time of the auction sale of Fullers Estate. It has not been established that WJR Jenkins of "Elouera" has any connection to Thomas Jenkins.

WJR Jenkins JP (1839-1908) was the eldest son of William Warren Jenkins (1816-1884), and grandson of Robert Jenkins (1777-1822) of the Berkeley Estate in the Illawarra. They were a well regarded and educated family, and WJR Jenkins was active in community affairs. He was an Alderman on the Central Illawarra Shire Council for an extended period and held the position of Mayor, an official of the Courts in the Illawarra, as well as executor and trustee of the substantial Berkeley Estate, as noted in an obituary published in the Illawarra Mercury in 1908:

The Late Mr. W. J. R. Jenkins.

As briefly announced in our last issue, the death of a very old and esteemed native of Illawarra, Mr. William J. R. Jenkins, died at his residence, Chatswood, on Wednesday, August 5. For some time past the deceased gentleman had been a sufferer in health. Many years ago he was stricken down with partial paralysis, and about 14 years ago suffered a second attack. He gave up the heavy and responsible duties attaching to the trustee and executorship of the Berkeley Estate on account of failing health, and took a sea voyage to Melbourne, being carried on board, and off again on his return. About six weeks ago he was seized with a third stroke, and was speechless for a time. A final seizure took place on the Saturday preceding his death.

Mr. Jenkins was born at Berkeley in April, 1839, and resided there for many years. During that time he took an active part in municipal affairs, and occupied the mayoral chair in the Central Illawarra Council more than once. The council passed a unanimous vote of sympathy to his relatives at the last meeting as a mark of the esteem in which he was held. Mr. Jenkins married Miss Bowen, who predeceased him. He leaves two sons, Charles and Cecil, and one daughter. Mr. Jenkins was universally esteemed by all with whom he came in contact, and much sympathy has been expressed for his bereaved relatives.

Architect Frederick George Castleden lived in West Chatswood from 1891 to 1898 and c.1903-1908, a neighbour to William Jenkins, and designed a number of residences for high profile clients in the Chatswood area, in Centennial Avenue, Mowbray Road, and Pacific Highway and in Beaconsfield Road. The tender notices reveal Castleden had several residences under construction in Chatswood in the 1890's. An advertisement in the Sydney Morning Herald of April 1896 placed by Castleden invited tenders for the supply of "Bricks, open kiln and bull nosed, Marseilles roofing tiles, Hardwood, Oregon

and Kauri...to be delivered to Chatswood". (SMH, Wed 8 April 1896, p7) It is possible that this tender may relate to the house at 9 Centennial Avenue or 2 cottages in Chatswood constructed in the same period.

The RAI A Biographical information states that Castleden designed 4 houses in Centennial Ave. possibly 3 in Beaconsfield including Ismailia, the house at 6-10 Beaconsfield Rd. He was the architect for his own property at the corner of Centennial & Whitton Roads (now demolished), 9 Centennial Ave (the subject house), possibly Asteraea (later Chislehurst and now demolished), possibly 13 Centennial Ave., or the property at the corner of Dardanelles & Centennial Ave. Many Castleden designed houses have been demolished. Only No.9 Centennial Avenue and Nos. 2a, 6-10, 14 and 28 Beaconsfield Road are thought to remain.

W.R.J. Jenkins owned the property at 9 Centennial Ave from 1896, and following his death in 1908 at Elouera, the property was in the estate of W.R.J. Jenkins until 1914. The property then passed to GC Bochone, and then to John Leigh Jones from 1918-1927 and then to his wife following his death. John Leigh Jones renamed the property 'Toonburra'. In 1931, a sale of contents of Toonburra was advertised by the estate of late Mrs E Leigh-Jones. Mrs Marjory Holcombe the executrix of the estate of Mrs E Leigh Jones was the next owner 1928-1933. From 1932-35, Mr A J Benjamin owned the residence 9 Centennial Ave., Chatswood, during the time of his significant contribution to the retail development of Chatswood. The grand house reflected his important position. A garage was added during this ownership (evident in the 1943 Aerial photograph).

Mr A J Benjamin was born in London. By 1906 he had gained 30 years local experience including accountancy. Mr Benjamin became managing partner in the firm founded 20 years previously by Messrs Hill Bros. Known as; Universal Providers' since 1895. It then became known as A J Benjamin's shop or 'Benjamin's' in Victoria Ave., Chatswood. Mr A J Benjamin managed Benjamin's for 10 years, during which time the business 'flourished' & contributed to the economic development of the area. The growth of the building material branch of the business was enormous, indicating the general progress of the district. The output of 3 tons of lime per week in 1906 increased ten times that amount during WW1. In 1913 additional storage was added, windows were replaced. Stables were updated to accommodate 14 horses to deliver goods, & the company secured adjoining premises to double their size. The shop carried varied stock including an ironmongery section, for building purposes, a large drapery section, a grocery department, & the store held wine & spirit & tobacco licenses. Benjamin's remained Chatswood's own emporium until 1965 when it became Woolworths store. Its decline reflected the shift of commercial interest to the eastern side of the railway after WW1. The business had been described as 'flourishing' & was for many years the largest retail store certainly in Chatswood & probably on the lower north shore, until the arrival of Grace Bros. (Willoughby's Fifty Years 1865-1915, Leplastrier, p.88-89).

Hubert and Annie Clements were next owners of No.9, followed by Gordon Tsu-Shen Lin in 1938 until the early 1950's and the name changed a third time to 'Corella'. The 1943 aerial photograph show the original lot subdivided and houses built on the new lots. This view shows a much smaller garage. Mr Daniel Chen is first listed as owner in the rate books in 1956.

Centennial Avenue has been home to a number of Australia's most eminent politicians, including former Prime Minister Gough Whitlam (who attended 'Astreae' College in Centennial Avenue); former

Willoughby Mayor & Councillor Greg Bartels; and former leader of the NSW Liberal Party, Kerrie Chikarovsky.

Description

The site is a large irregular corner site, set in a wide tree-lined street of mostly single dwellings, with two schools and more recent medium density housing on the opposite side of the road. The house is prominently located, occupying the more elevated area of the 1,561m² site. Its siting and massing maximise the views to the west, as well as the visual impact of the house from the street. The house appears larger than its footprint of roughly 230m². A separate garage structure dating from the second half of the century is located below the house on the side street, Jenkins Street.

No. 9 Centennial Avenue, Chatswood, is an extremely fine substantial two storey grand mansion residence. The residence demonstrates characteristics of the Federation Queen Anne style, with face brickwork, heavy timberwork, and an emphasized, sheltering roof.

The primary roof form is hipped with three projecting gabled and hipped bays to the north, east and south elevations. The gable facing Jenkins Street extends to the verandah, and incorporates a catslide dormer window facing Centennial Avenue. Three tall face brick chimneys (one of which is partially demolished), punctuate the Marseilles pattern terracotta tiled roofscape. The ensemble of varied roof forms and elements creates an asymmetry and informal picturesque character. Similarly, the projecting bays, coupled with skillion additions, verandah (infilled) and bay windows provides informal picturesque massing, with interest to each elevation. The entry is marked by a gabled porch to the western façade, with decorative curvilinear art nouveau inspired timberwork. Decorative timber brackets support a window awning to the western façade. A single storey verandah element wrapping around the eastern façade, is infilled above the brick balustrade with painted weatherboards and windows.

Original external features include timber shingled gable ends, brick chimneys, timber bargeboards, timber framed casement windows with highlight panels and curved lintels, and the entry porch.

A 1996 inspection of the interior revealed that the house featured fine joinery, extending to the interior trim and fireplace surrounds, and leadlight stained glass windows which appears to be from the Lyon and Cottier Studio.

The preliminary unauthorised demolition work commenced in February 2018, and included removal of part of the roof cladding, part of a chimney, a door and windows. The dwelling has since been protected with tarpaulin to the roof and boarding to removed openings, in accordance with Council Orders.

Prior to the recent unauthorised demolition works, the building was found to be in good condition, with sound foundations and tiled roof.

Integrity

At the time of the 1996 inspection, the consultant Robert Moore found that the house had sustained little change other than the infilling of the verandah at the eastern facade. The plan layout revealed a high integrity. The interior joinery was intact as were the fireplaces and leadlight stained glass windows. A comparison of the 1943 aerial photograph with the current aerial photograph reveals that the

footprint and roof form of the building are also unaltered, other than the replacement of the original stables with the garage building, north of the house. External finishes including face brickwork, timber shingles, terracotta tiles and timber joinery are generally intact, where not affected by the preliminary unauthorised demolition work. However, the window awnings to the west façade have been reclad in sheet metal. No applications for alterations have been received by Council since 1996, and it is therefore assumed that despite the preliminary unauthorised demolition work, the house remains substantially intact.

Comparative Analysis

The work dates from the early part of the career of architect Castleden, during his association with Lake, when his work was focused in the Chatswood and North Shore area.

FG Castleden, worked for the Government Architect during a time of intense building activity throughout the state, but having re-entered private practice, later became a very significant architect and town planner in Newcastle. In 1919 he took his son Archer into the practice; one of their most revered projects is the completion of Christ Church Cathedral.

Castleden has significant local associations. He lived in Chatswood from 1891 to 1898 and c.1903-1908, and designed a number of residences for high profile clients in the Chatswood area, in Centennial Avenue, Mowbray Road, Pacific Highway and in Beaconsfield Road. Of these only No.9 Centennial Avenue and Nos. 2a, 6-10, 14 and 28 Beaconsfield Road are thought to remain. Castleden's home in Centennial Avenue has been demolished; his timber home in Beaconsfield Road (No.40) was moved to the Hunter Valley in the 1990s. It's possible that Castleden designed 'Maroombah' later 'Chislehurst' at 24 Centennial Avenue (now demolished).

The Residence for W. J. R. Jenkins, Esq., 9 Centennial Avenue at Chatswood, was one of several residences on the North Shore designed by Castleden and Lake under construction in 1895.¹

In January 1896, the Building & Engineering Journal & Builders' News reported as follows: *Messrs. Castleden and Lake of 334 George-street write, the following works have been erected from our designs during the year ending December 31st, 1895, or are now nearing completion:*

Cottage situated at Hornsby, for Executor late J. E. Boyd

Residence situated at Wahroonga, for F. Coffee, Esq.

Cottages situated at Hornsby, for R. Goss, Esq.

Alterations situated at Pymble, for R. A. Harvey, Esq.

Cottage situated at Wahroonga, for Cecil Hordern, Esq.

Cottage situated at Wahroonga, for Mrs C. M. Hordern

Cottage situated at Chatswood, for Mrs Huxtable

Cottage situated at Chatswood, for G. Howarth, Esq., M.L.C.

Cottage situated at Turramurra, for Hon. C. G. Heydon, Esq., M.L.C.

Residence situated at Chatswood, for W. J. R. Jenkins, Esq.

Residence situated at Roseville, for R. K. Manning, Esq.

Cottage situated at Pymble, for R. P. Pymble, Esq.

Residence situated at Hunter's Hill, for Thos. Turner, Esq.

¹ Building in Sydney during 1895, Building & Engineering Journal & Builders' News, January 9, 1896, p.5

Residence situated at Hunter's Hill, for Dr. H. Sanderson Lloyd.
Alterations and Additions to 357 George-street, city, for Messrs. W. Walker and Sons, and Bartholomew, Ltd.
Alterations and Additions in George-street, city for late W. H. Paling Esq.
Alterations and additions, Wynyard Square, for late W. H. Paling, Esq.
Mission Church, Concord, for Church Wardens, St. Luke's Concord.
Total value of above, about £11,000.

A comparison of those with known addresses that have survived indicates the quality of work undertaken by the practice. These include:

- Cottage situated at Wahroonga, for Cecil Hordern, Esq. – "Pitlochry", 90 Braeside St, Wahroonga
- Cottage situated at Wahroonga, for Mrs C. M. Hordern – "Garra Willa", 30 Kintore St, later occupied by HJ Carter.
- Cottage situated at Turramurra, for Hon. C. G. Heydon, Esq., M.L.C.– 17 Heydon Ave Warrawee.
- Residence situated at Roseville, for R. K. Manning, Esq. – "Noel", 9 Findlay Ave, Roseville
- Cottage situated at Pymble, for R. P. Pymble, Esq. "Hayden Dell", – 11 Telegraph Rd, Pymble

The house at 6-10 Beaconsfield Road is also believed to have been designed by Castleden around 1900. The house is a substantial two-storey residence of masonry construction with face polychrome brickwork, built in the Federation Queen Anne style. It has a steeply pitched gable roof clad in Marseilles tiles, ridges, caps and finials. The shingled gables are highlighted with shaped timber fascias. There are timber framed casement windows with some curved lintels on front façade and an oriel window on the northern façade with four sash windows. A verandah with painted, turned timber supports, verandah posts, timber brackets and square balustrade wraps around three sides of the building. (source SHI) It is heritage listed.

From Castleden's partnership Lake, and drawings of two substantial houses on Cremorne Rd, Cremorne for Mrs Robert Hay dated July 1907, survive. These residences share a number of key characteristics of the house at 9 Centennial Avenue, including a picturesque asymmetrical composition, dominant hipped and gabled roof, bay windows, the use of face brickwork and tall chimneys and dormer windows. The use of roughcast reflects a later date.

Palmerston (now Petersen Guest house) at Armidale was designed by Castleden 1909 and built in 1911. The building has a dominant roof, a large porte cochere and is constructed in face brick with terracotta tile shingles. It is heritage listed.

In 1907, Castleden formed partnership with Menkens in Newcastle, and this partnership produced a small number of residences in the following year, including a House for HP Brett Brett St cnr Russel Rd, New Lambton; Two terrace houses corner of Scott and Zara Street for J Donnison; and a Rectory at Hamilton. In 1908 he designed a residence at Terrace Street; and a Cottage at the corner of Winson and Samdon Streets Hamilton. (Frederick B Menkens Architect, Thesis L Reedman, 1956) His residential work in Newcastle is well represented on the State Heritage Inventory including the former Nurses home and The Terrace.

F.G. Castleden, was president of the Associated Architects of Newcastle & District (later the Newcastle Division of the RAlA).

Other: - Owners information/councils

Several attempts were made to access the site, without success.

Assessment of Significance

Designed by prominent Sydney architects Castleden and Lake in 1895, 9 Centennial Avenue is one of the best surviving houses of the work of FG Castleden, who was very active in Chatswood during the Federation period, and resident of Centennial Avenue.

No. 9 is one of the first substantial residences built in Centennial Ave., (1896) (one of six earliest listings, and one of four earliest grand houses including- Jenkins 'Keirawarra', Castleden's own house, and 'Maroombah' (later Chislehurst). It was the sixth property listed in Centennial Avenue. Centennial Avenue is one of the most significant streets in Chatswood as its name suggests. Due to its proximity to Chatswood station and sweeping views to the west, Centennial Avenue was a preferred location for the new well to do residents of Chatswood following the establishment of the railway station. The high quality of No.9 Centennial Ave reflects the social and economic standing of its first & subsequent owners, and the aspirations of the early residents.

Built for WJR Jenkins by FG Castleden, the house has associative value in its connections with local identities and development.

Later it was owned by the Leigh-Jones family, then later by A J Benjamin, who ran the A J Benjamin's store in Victoria Avenue, Chatswood. Benjamin's store at that time, and for many years, was the largest retail store in Chatswood & probably the north shore.

William Robert James Jenkins JP, was the first owner of 9 Centennial Ave in 1896, and died there in 1908. The property remained in the Jenkins estate until 1914. The Jenkins family were well known and respected in the Illawarra, where he was Alderman and Mayor of the Central Illawarra Council on several occasions, and trustee of the Berkeley Estate. Jenkins and his wife Susan Letitia retired to Chatswood following his illness in the early 1890's. He originally resided in 'Keirawarra' Centennial Ave, and later at 'Eloura' at 9 Centennial Avenue.

Albert Julian Benjamin, owned the residence 'Toonburra' 9 Centennial Ave., Chatswood, from 1932-35 during the time of his most significant contribution to the retail development of Chatswood. He managed 'Benjamin's' store, & the business was described as 'flourishing' & was for many years the largest retail store certainly in Chatswood & probably on the lower north shore, until the arrival of Grace Bros. The grand house at 9 Centennial reflected his important position & contribution to Chatswood. Then, 9 Centennial was owned by the Jones family, & later by A. J. Benjamin, who ran the A J Benjamin's store in Victoria Avenue, Chatswood, which at that time, and for many years, was the largest retail store in Chatswood & probably the north shore.

No. 9 Centennial Avenue is skilfully designed and well built to convey the desired impression of substance. Placed and massed for maximum effect and apparent scale for a well to do clientele. It has aesthetic significance in its design and contribution to the character of the area. It representative of a particular style and period of development in the history of the City, largely unmodified. The good

condition of the property despite years of neglect reflects the sound construction, good design and quality materials.

No. 9 Centennial is situated in a prominent landmark position and has sweeping views of the district & to the west of Sydney. One of the first houses built in the street, its style is identifiable with the era in which it was built, and with the importance of the original owners, WRJ Jenkins. The position, style & scale of the house reflects the important position in the community held by its owners. It is a key component of the Centennial Avenue streetscape dating from the key period of development of the area.

The esteem in which the house is held in the community is reflected in the multiple nominations for heritage listing and the outcry when the unauthorised demolition works commenced.

Representative of a group of fine substantial 'gentleman's' residences, designed by architects in fashionable styles, and built in prominent elevated sites near to the newly established railway line.

No. 9 Centennial Avenue is one of a rare and unique group of houses designed by Castleden, and built within a short period of time following the establishment of the railway service at Chatswood 1890-1893. Only four of these Gentlemen's houses remain. The houses were built while Castleden lived in the vicinity of Whitton Road & Centennial Avenue. The houses are unique because they represent different styles popular in the one decade, 1895-1905, and accordingly an expression of the architect's diversity of Federation Queen Anne & Federation Arts & Crafts.

Despite the recent unauthorised demolition work, the building retains a relatively high level of integrity which makes it the best example of this group of four Gentlemen's houses.

Recommendation

That Council proceed with heritage listing of 9 Centennial Avenue, West Chatswood as a local heritage item in WLEP 2012.

Bibliography/Sources

- Apperly, R, Irving, R & Reynolds, P 1989, *A Pictorial Guide to Identifying Australian Architecture*.
Booker, N & Bennett, I 1988, *The West Ward*.
Brooks, Graham, 2006, *Study of Chatswood Conservation Area Report*.
Falk & Jensen, 1989, *Willoughby Heritage Study*, Willoughby City Council
Harvey, Jennifer, *index*.
Leplastrier, C, 1915, *Willoughby's Fifty Years: a retrospect of the jubilee period of the Council of the Municipality of Willoughby for the years 1865-1915*, Willoughby City Council.
Moore, Robert, 1996, *Inventory Review Report*
RAIA Biographical information about Architect Castleden
Reith, Kathleen, *Waterhouse Lake Pamphlet Castleden and Lake*
Reedman, Les, "FG Castleden " *Manuscript*.
Sara, JA, 1964, 'The Work of F.G. Castleden, 1907-1919: An Architectural Thesis', thesis, University of Newcastle.
WDHS Heritage nomination for 9 Centennial Ave, and for Centennial Ave Conservation Zone 2005.
Previous nomination relied on the following research sources:

Oral & written testimony of past and present residents, and descendants of FG Castleden
 Rate books of Willoughby Council
 Land Title records
 Electoral rolls and Sands directories

Evening News 1892, 'Willoughby', 5 January, p.3.
 Newcastle Morning Herald and Miners' Advocate 1935, 'Mr F.G. Castleden: Fifty years an Architect', National Library of Australia, 31 December, p. 4.
 The Sydney Morning Herald 1891, 'Advertising', The Sydney Morning Herald, National Library of Australia, 12 November, p.2.
 The Sydney Morning Herald 1894, 'Advertising', The Sydney Morning Herald, National Library of Australia, 8 September, p.3.
 The Sydney Morning Herald 1894, 'Advertising', The Sydney Morning Herald, National Library of Australia, 6 January, p.3.
 The Sydney Morning Herald 1895, 'Advertising', The Sydney Morning Herald, National Library of Australia, 14 September, p.3.
 The Sydney Morning Herald 1895, 'Advertising', The Sydney Morning Herald, National Library of Australia, 6 November, p.7.
 The Sydney Morning Herald 1896, 'Advertising', The Sydney Morning Herald, National Library of Australia, 8 April, p.7.

Images

FIGURE NO.	DATE	DESCRIPTION	SOURCE
2.2.1	undated	9 Centennial Avenue, Chatswood - Parish Map	LPI
2.2.2	1890	9 Centennial Avenue, Chatswood - Municipality of Willoughby	WCC
2.2.3	1897	9 Centennial Avenue, Chatswood - Showing development on north side Centennial Avenue	State Library of NSW
2.2.4	1897	9 Centennial Avenue, Chatswood - Fullers Estate showing Jenkins' land sold	State Library of NSW
2.2.5	1943	9 Centennial Avenue, Chatswood - Aerial photo	SIX Maps
2.2.6	2018	9 Centennial Avenue, Chatswood - Aerial photo	SIX Maps
2.2.7	2018	9 Centennial Avenue, Chatswood - East elevation	Architectural Projects
2.2.8	2018	9 Centennial Avenue, Chatswood - North west corner	Architectural Projects
2.2.9	2018	9 Centennial Avenue, Chatswood - South west view	Architectural Projects
2.2.10	2018	9 Centennial Avenue, Chatswood - South elevation	Architectural Projects
2.2.11	2018	9 Centennial Avenue, Chatswood - South elevation	Architectural Projects

2.2.12	2018	9 Centennial Avenue, Chatswood - South East view	Architectural Projects
2.2.13	2018	9 Centennial Avenue, Chatswood - East elevation	Architectural Projects
2.2.14	2018	9 Centennial Avenue, Chatswood - View from Centennial Avenue	Architectural Projects
2.2.15	2018	9 Centennial Avenue, Chatswood - View from Centennial Avenue	Architectural Projects
2.2.16	2018	9 Centennial Avenue, Chatswood - View from Jenkins Street	Architectural Projects
2.2.17	2018	9 Centennial Avenue, Chatswood - North west view	Architectural Projects

LPI



Figure no. 2.2.2 | 1890

9 Centennial Avenue, Chatswood - Municipality of Willoughby

WCC

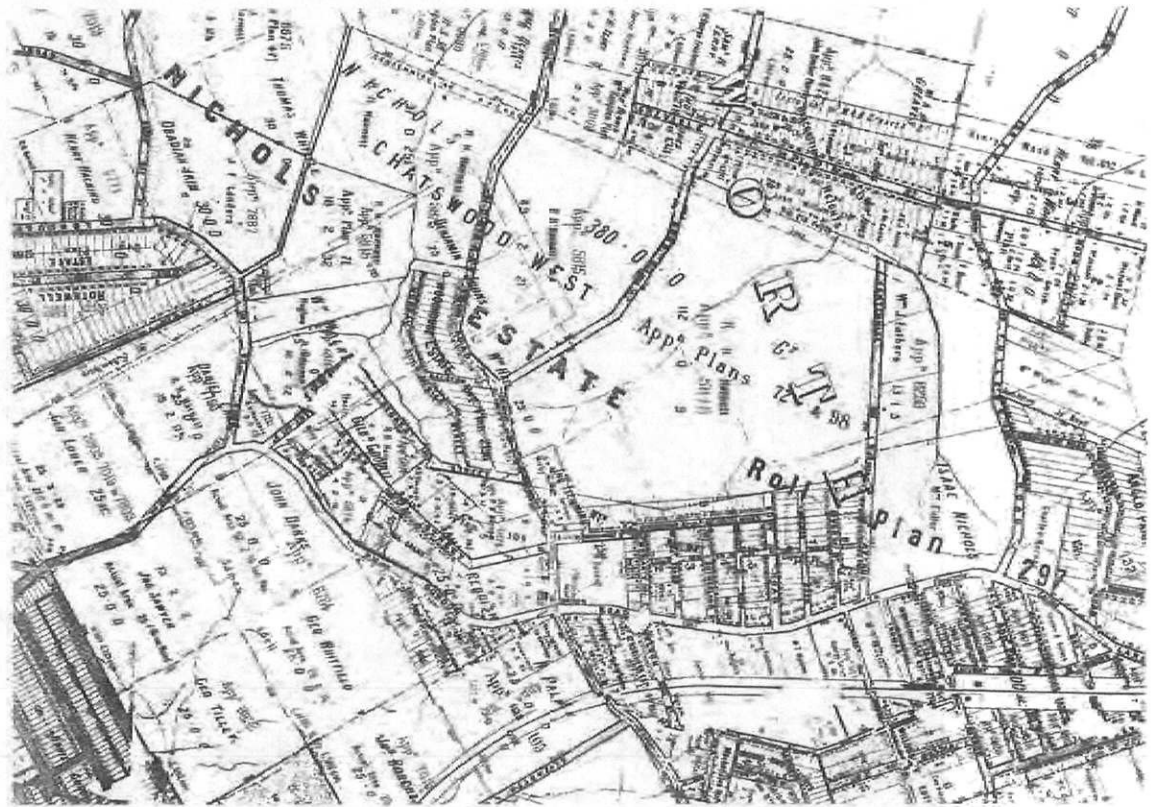


Figure no. 2.2.3 | 1897

9 Centennial Avenue, Chatswood - Showing development
on north side Centennial Avenue

State Library of
NSW

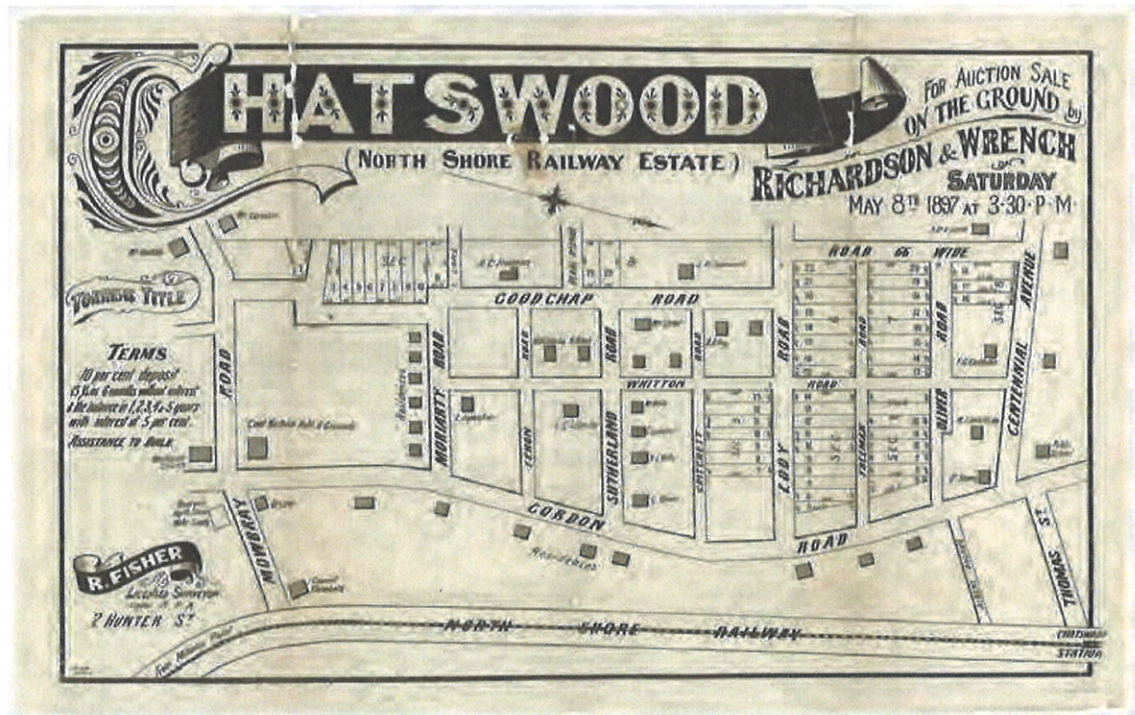


Figure no. 2.2.4 | 1897

9 Centennial Avenue, Chatswood - Fullers Estate showing Jenkins' land sold

State Library of NSW

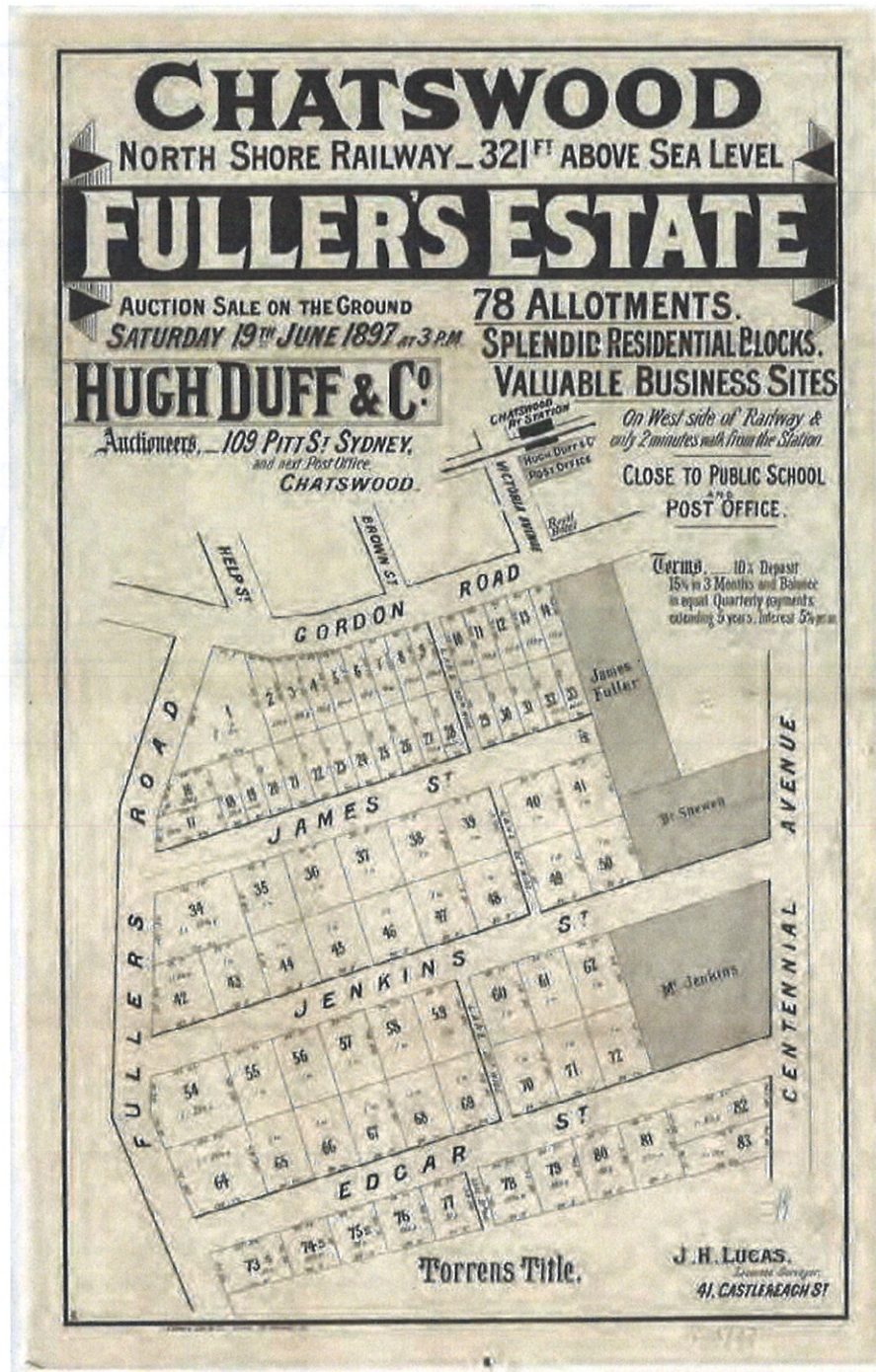


Figure no. 2.2.5 | 1943

9 Centennial Avenue Chatswood - Aerial Photo

SIX Maps



Figure no. 2.2.6 | 2018

9 Centennial Avenue Chatswood - Aerial Photo

SIX Maps



Figure no. 2.2.7 | 2018

9 Centennial Avenue Chatswood - East elevation

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Figure no. 2.2.8 | 2018

9 Centennial Avenue Chatswood - North west corner

Architectural
Projects



Figure no. 2.2.9 | 2018

9 Centennial Avenue Chatswood - South west view

Architectural
Projects



Figure no.
2.2.10

2018

9 Centennial Avenue Chatswood - South elevation

Architectural
Projects



Figure no.
2.2.11

2018

9 Centennial Avenue Chatswood - South elevation

Architectural
Projects

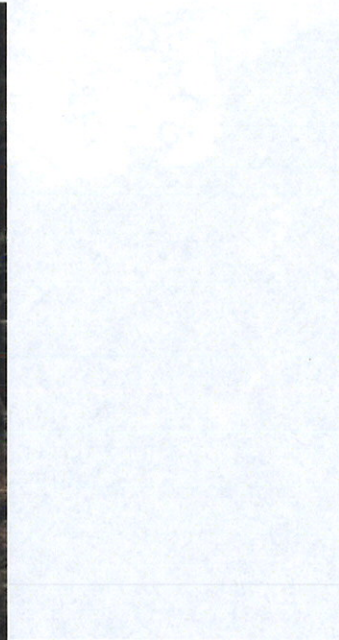


Figure no.
2.2.12

2018

9 Centennial Avenue Chatswood - South east view

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Figure no.
2.2.13

2018

9 Centennial Avenue Chatswood - East elevation

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Figure no.
2.2.14

2018

9 Centennial Avenue Chatswood - view from Centennial Avenue

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Projects



Figure no. 2.2.15	2018	9 Centennial Avenue Chatswood - view from Centennial Avenue	Architectural Projects
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Figure no. 2.2.16	2018	9 Centennial Avenue Chatswood - view from Jenkins Street	Architectural Projects
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Figure no.
2.2.17

2018

9 Centennial Avenue Chatswood - North west view

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5. LIST OF ILLUSTRATIONS

FIGURE NO.	DATE	DESCRIPTION	SOURCE
2.1.1	2006	Gowing House by Gruzman - Ground floor plan	Goad
2.1.2	2006	Gowing House by Gruzman - Sections	Goad
2.1.3	2006	Gowing House by Gruzman - South dressing and stair	Goad
2.1.4	2006	Gowing House by Gruzman - South elevation	Goad
2.1.5	2006	Gowing House by Gruzman - North entry court	Goad
2.1.6	2006	Gowing House by Gruzman - Living room	Goad
2.1.7	2006	Gowing House by Gruzman - East terrace	Goad
2.1.8	2006	Gowing House by Gruzman - South view from water	Goad
2.1.9	2006	Gowing House by Gruzman - Corridor	Goad
2.1.10	2006	Gowing House by Gruzman - Dining	Goad
2.1.11	2006	Gowing House by Gruzman - Living	Goad
2.1.12	2006	Gowing House by Gruzman - Gap between south stair and en suite	Goad
2.2.1	undated	9 Centennial Avenue, Chatswood - Parish Map	LPI
2.2.2	1890	9 Centennial Avenue, Chatswood - Municipality of Willoughby	WCC
2.2.3	1897	9 Centennial Avenue, Chatswood - Showing development on north side Centennial Avenue	State Library of NSW
2.2.4	1897	9 Centennial Avenue, Chatswood - Fullers Estate showing Jenkins' land sold	State Library of NSW
2.2.5	1943	9 Centennial Avenue, Chatswood - Aerial photo	SIX Maps
2.2.6	2018	9 Centennial Avenue, Chatswood - Aerial photo	SIX Maps
2.2.7	2018	9 Centennial Avenue, Chatswood - East elevation	Architectural Projects
2.2.8	2018	9 Centennial Avenue, Chatswood - North west corner	Architectural Projects
2.2.9	2018	9 Centennial Avenue, Chatswood - South west view	Architectural Projects
2.2.10	2018	9 Centennial Avenue, Chatswood - South elevation	Architectural Projects
2.2.11	2018	9 Centennial Avenue, Chatswood - South elevation	Architectural Projects

FIGURE NO.	DATE	DESCRIPTION	SOURCE
2.2.12	2018	9 Centennial Avenue, Chatswood - South East view	Architectural Projects
2.2.13	2018	9 Centennial Avenue, Chatswood - East elevation	Architectural Projects
2.2.14	2018	9 Centennial Avenue, Chatswood - View from Centennial Avenue	Architectural Projects
2.2.15	2018	9 Centennial Avenue, Chatswood - View from Centennial Avenue	Architectural Projects
2.2.16	2018	9 Centennial Avenue, Chatswood - View from Jenkins Street	Architectural Projects
2.2.17	2018	9 Centennial Avenue, Chatswood - North west view	Architectural Projects
2.3.1	1992	Luursema House by Seidler - Plan and section showing construction stages	Frampton
2.3.2	1957	Luursema House by Seidler - Upper floor plan	WCC, 1957
2.3.3	1957	Luursema House by Seidler - Ground floor plan	WCC, 1957
2.3.4	1957	Luursema House by Seidler - North elevation	WCC, 1957
2.3.5	1957	Luursema House by Seidler - South elevation	WCC, 1957
2.3.6	1957	Luursema House by Seidler - Plan and elevation	WCC, 1957
2.3.7	2016	Luursema House by Seidler - East elevation	realestate.com.au
2.3.8	2016	Luursema House by Seidler - View from balcony	realestate.com.au
2.3.9	2016	Luursema House by Seidler - Dining and stair	realestate.com.au
2.3.10	2016	Luursema House by Seidler - Living and stair	realestate.com.au
2.3.11	2016	Luursema House by Seidler - Living and bedroom wall	realestate.com.au
2.3.12	2016	Luursema House by Seidler - Media room 1959 addition	realestate.com.au
2.4.1	1922	Loxton Estate	State Library of NSW
2.4.2	1943	Glass House by Seidler - Aerial photograph	SIX Maps
2.4.3	1973	Glass House by Seidler - Plan and section	Blake
2.4.4	1956	Glass House by Seidler - Plans	WCC, 1956
2.4.5	1956	Glass House by Seidler	Max Dupain
2.4.6	1956	Glass House by Seidler - Exterior	Max Dupain
2.4.7	1956	Glass House by Seidler - Exterior	Map Dupain