

2.5 Physical Evidence

Description of the Place Generally

The main campuses of the University of Sydney are an extensive complex of buildings, sport grounds, trees, gardens, lawns, roads, car parks, fences, gates and other features. The campuses cover 72 hectares and include about 111 buildings, not including the terrace housing in Darlington.

The topography of the place is gently undulating. There is a ridge approximating the line of Eastern Avenue on the Camperdown Campus, and land falls to the east and west away from the ridge. The Darlington Campus slopes generally to the south-east away from City Road. The current route of City Road was diverting away from the earlier Darlington Road to avoid the boggy lower ground around the headwaters of Blackwattle Creek through which Darlington Road runs.

The character of each campus is quite varied reflecting the changing topography, their different histories, approaches to planning and development and their uses.

Camperdown Campus

The core of the University of Sydney, the Camperdown campus, displays the character of its university use since the mid nineteenth century. The cultural landscape of the campus is an eclectic mix of buildings, open spaces, tree-lined avenues and internal streets and ornamental plantings. Major lawn areas include The Quadrangle (to the east of and within the Main Quadrangle Building), the Botany Lawn, the Hockey Square and the various ovals and other playing fields such as tennis courts. With increasing development of the campus, the amount of open space has declined.

Darlington Campus

The character of the Darlington Campus is more mixed, retaining substantial residential, suburban and light industrial qualities of Darlington in addition to later and more substantial University elements. The physical layout of this campus is still largely defined by the original street pattern of the suburb, overlain with new institutional buildings that have largely replaced the former residential terraces, and commercial and light industrial buildings, and have subsumed some of the smaller streets.

The Buildings

The University buildings are generally low to medium rise and fall into several broad categories of style/form as per the following (see Table 2.5). This categorisation is not intended to be comprehensive or definitive rather it provides a broad sense of the style and form of buildings on the campuses. In addition to the buildings which fall into the following categories, there are many other individual buildings which defy such an approach.

Table 2. 5: Typical building types at the University of Sydney

Building Type	Description	Example
Early sandstone buildings	Two or three storey sandstone buildings, usually with tower features and ornate carved decoration (e.g. the Main Quadrangle Building, A14, pictured). Although much later, the Madsen Building (F09) continues this form. In formal terms, these early buildings are examples of the Gothic Revival style.	
Late nineteenth century/early twentieth century brick buildings with sandstone trims	Two to four storey buildings, some domestic in scale, others quite large, dark red brickwork with sandstone trims (e.g. R D Watt Building, A04 and the Holme Building, A09, pictured). Often these buildings reflect the earlier Victorian Gothic sandstone building forms, such as by the use of steeply pitched gables. In formal terms, these buildings are examples of the Arts & Crafts style, sometimes with Gothic Revival influences.	
Early twentieth century painted render	Two to four storey buildings reflecting the Inter War/ Mediterranean Style (e.g. Physics Building, A28, pictured). In some cases these buildings display the use of sandstone trims which gives a sense of continuity with the earliest, fully sandstone buildings and the slightly later brick and sandstone buildings.	
Post 1945 temporary/ lightweight buildings	Two to three storey buildings with a brick plinth and corrugated asbestos cement sheet walling and roofing (e.g. Transient Building F12, pictured).	

Building Type	Description	Example
1950s to 1980s glass curtain wall/exposed aggregate/off form concrete	Four to seven storey buildings reflecting a number of post War architectural styles. However, generally this group displays the use of glass curtain wall construction (e.g. Chemistry Building, F11, pictured), pre-cast exposed aggregate panels, or rough off-form concrete (e.g. Biochemistry Building, G08). The formal styles are the Post War and Late Twentieth Century International styles, and Late Twentieth Century Brutalist styles.	
Late twentieth century buildings	Two to six storey buildings displaying a variety of materials and forms but with a playful, decorated character (e.g. Gordon Yu-Hoi Chiu Building, J14, and the Education Building and Annex, A35/36, pictured). These buildings reflect the Late Twentieth Century Late Modern and Post Modern styles.	
Contemporary buildings	Two to seven storey contemporary style buildings including the Jane Foss Russell Building (G02), New Law Building (F10) and the School of Information Technology (J12).	

Landscape and Vegetation

Older parts of the Camperdown Campus are characterised by mature plantings of *Ficus* species, particularly the areas along the Parramatta Road boundary leading up to the Main Quadrangle Building (A14), along the City Road boundary near the Carslaw (F07) and Institute Buildings (H03), and around the university colleges.

Some plantings have been selected to complement the architectural style of their associated buildings. This is particularly evident along the main elevation of the Physics Building (A28) with its slender cypresses and box hedging.

Institutional plantings on campuses to some extent reflect contemporary horticultural fashions, with extensive use of species such as *Lophostemon confertus* (Brush Box) and *Populus nigra* 'Italica' (Lombardy Poplar) for avenue planting. The fashion for use of native plant species from the 1960s onwards is evident in the widespread use of casuarinas (eg around the Wilkinson Building, G04, and the Seymour Centre, J09) and *Melaleuca quinquenervia* (Five-veined Paperbark) in the Darlington Campus.

In recent years there has been a trend towards simplification of the palette of species used for amenity planting on campus. Rows of the hardy *Platanus x hybrida* (London Plane) have proliferated, with screen plantings of the ubiquitous *Murraya paniculata* (Orange Jessamine) and masses of *Agapanthus orientalis* (Nile Lily) filling every available garden bed. .

Recently, Eastern Avenue has been extensively re-landscaped in an overtly modern way utilising hard paving, native shrubs and trees.

Site Features

As a large tertiary institution with a long history, there are necessarily a range of site features located throughout the grounds that represent the many phases of development the University has undergone. The most striking of these features are the avenues of mature trees, the individual large, mature trees dotted throughout the grounds (refer to above), the entry gates located on Parramatta Road and City Road, as well as the clearly defined boundaries of the Camperdown campus with retaining walls (Parramatta Road boundary) and iron palisade fencing on stone bases. These prominent features are also some of the earliest (mid to late nineteenth century) site features to still survive on the grounds.

Of particular historical interest are those site features that survive from the period prior to the establishment of the University (in particular those associated with the suburb of Darlington).

Other site features, although less visually dominant, are still able to tell the story of change and expansion that the University has experienced and are in many cases a reflection of the tastes and styles of the time. Examples of features that survive from various periods (from the late nineteenth century through to present day) include sandstone paving and kerbing to streets, stairs, pathways, lamp posts, seats and benches, retaining walls and small gardens. Other, more mundane features include traffic calming devices, signposts and the like.

Art Works and Memorials

Throughout the grounds of the University are located various art works that have been donated, gifted or bequeathed to the university. The university's art collection began with the foundation of the University itself with one of the first acquisitions being a "clock, a portrait of Sir Francis Forbes, two maps, two blackboards with stands and a pair of large globes". Since that time, the University now holds more than 2600 artworks in their collection including the range of sculptures located throughout the grounds. The University art collection is managed by the University of Sydney Museum.

The University grounds are also the location of a number of memorials and commemorations that are represented in a range in forms including plaques, tree plantings, outdoor furniture as well as the naming of landscape areas, buildings and streets. Many of the memorials are to past academics, generous benefactors or to commemorate events in the life of the University itself.

Physical Survey of the Buildings

The place and its setting were inspected over a number of days throughout September 2013 by Ian Stapleton, Kate Denny and Alice Stapleton and the current configuration of the landscape and buildings recorded in order to give conservation policies some substance. Where the date of construction and the architect for the buildings (including major additions) are known, this has been provided. Refer to Figures 2.6 and 2.7 and Table 2.6.

Table 2. 6: Buildings located at the Camperdown and Darlington Campuses.

NO.	NAME	DATE/S	ARCHITECT
A03a	Temporary Greenhouse		
A03b	Temporary Greenhouse		
A04	R.D. Watt Building	1912-16	George McRae
A04a	Ross Street Storage Facility		
A06	Demountable Village		
A08	Heyden-Laurence Building	1899	Walter Liberty Vernon 1899, Leslie Wilkinson 1923, 1939
A09	Holme Building	1910-12	Vernon and John Barr 1908-13, Edwin Evan Smith 1934 and Cobden Parkes 1939-48
A09	Union Refectory	1922-24, 1939-41	Leslie Wilkinson and Bertrand James Waterhouse
A09a	Footbridge Theatre	1955-61	J.W. Roberts and Associates, design architect: John Roberts
A10	Science Road Cottage	1894-95	W.L. Vernon
A11	Edgeworth David Building (Old Geology) Building	1895	W.L. Vernon 1893-95, L Wilkinson 1920
A12	Macleay Building	1887	George Allen Mansfield 1885-87, George McRae 1915-20
A12	Botany Wing	1925	Wilkinson 1923-25
A12	War Memorial Art Gallery	1953-1958	Wilkinson and H. Ingham Ashworth
A13	Macleay Building Annex	c1900	John Sulman
A13 a-f	Botany Glasshouses	From 1925?	
A14	Main Quadrangle Building	1854-1924, 1966	East Range: Edmund Blacket 1854-62; MacLaurin Hall and South Range: Vernon 1901-09, McRae 1911-21; Great Hall: E. Blacket 1854-62; West and North Ranges and West Tower: Wilkinson 1924, Fowell, Mansfield and Maclurcan 1966
A15	Pharmacy Building	1888-1890	Archibald Liversidge in assoc. with Colonial and Govt. Architects 1889-1900, Wilkinson 1923-24
A15	Bank Building	1854	John Hilly 1854, Wilkinson 1923, 1925-28
A16	Badham Building	1888	Richard Threlfall 1887, Wilkinson 1923-25
A18	Christopher Brennan Building	1966-67	Fowell, Mansfield, Jarvis and Maclurcan
A17	Mungo MacCallum Building	1959-60	Fowell, Mansfield, Jarvis and Maclurcan 1959-60, Noel Bell Ridley Smith 2003-04

NO.	NAME	DATE/S	ARCHITECT
A19	Griffith Taylor Building	1959	Cobden Parkes 1956-59, Eric Andrew 1960 (Music auditorium)
A20	John Woolley Building	1908	Vernon 1906, Wilkinson 1922
A21	Wallace Lecture Theatre	1946	Cobden Parkes 1946
A22	Old Teacher's College Building	1914-25	George McRae 1912-21
A23	Manning House	1917	Bertrand James Waterhouse & Hug Venables Vernon 1914, Wilkinson 1919, Cobden Parkes (GA) 1939-40, Lindsay Thompson 1956-57, 1963 and Scott Carver 2000
A23a	Manning Café		
A25	S.U.S.U. Tennis Pavilion		
A24	Squash Courts	c1960	
A26	R.C. Mills Building	1949	Cobden Parkes (GA) 1949-50, Peter Priestley (projecting end bays) 1984 and 1988, Allen Jack and Cottier, Schaeffer Fine Arts Library 1997-99. Design architect: Keith Cottier
A27	Edward Ford Building	1930	Wilkinson in association with Commonwealth Dept. of Works
A27a	Animal House		
A27b	Viriology Store		
A27c-e	Flammable Stores		
A28	Physics Building	1925	Wilkinson
A30	The Arena Sports Centre	1965	Thomson, Spooner and Dixon, 1965-67, 1971-72 and 1992
A34a & b	Substation	c.1915	
A35	Education Building	1992-94	Jackson, Teece, Chesterman and Willis
A36	Education Building Annex	1990-91	
A40	Native Animal House		
B01	J.D. Stewart Building	1910-12	Vernon 1910
B02	McMaster Annex	1946	
B02a	McMaster Annex Garage		
B02b	McMaster Annex Storehouse		
B03	Gatekeepers Lodge	1920-21	Wilkinson (attrib.) 1919-23
B04	Sand Roll House		
B07	The Cattery		
B08	Traffic Control Box (Ross Street)		
B09a	Incinerator		
B10	Evelyn Williams Building	1965-67	Priestley and Lumsdaine
B10	Valentine Charlton Cat Centre	2002-03	Gordon and Valich
B11	Round House	1920-21	Wilkinson

NO.	NAME	DATE/S	ARCHITECT
B14	McMaster Building	1930-31	Commonwealth Dept. of Works 1930 (F D McMaster Wing), design architect: E Henderson; Stephenson and Turner 1956 (Ian McMaster Wing)
B19	R.M.C. Gunn Building	1971-74	Priestley & Lumsdaine
B19a	R.M.C. Gunn Animal Pens		
B22	Veterinary Science Conference Centre	1988	John Andrews International
D01	Bruce Williams Pavilion	1975-77	Devine, Erby and Mazlin
D02	Queen Elizabeth II Res. Institute and Victor Coppleson Buildings	1958 and 1977	
D03	Turnstile Oval No. 1		
D04	Bosch Building 1a	1965	Stephenson and Turner
D05	Bosch Building 1b	1968	Stephenson and Turner
D06	Blackburn Building	1930-33	Edwin Evan Smith (NSW Government Architect)
D09	Bulli Soil Shed	1961	Ancher, Mortlock & Murray
D10	Residence	1950s?	
D11	Chaplaincy		
D13	No. 1 Oval Workshed	c1955	
D15	Dangerous Flammable Goods Store		
D16	The Bosch Glasshouse		
F01	Tennis Pavilion	1911	
F02	Baxter's Lodge	1939-40	Wilkinson 1939 and Fowell, Mansfield and Maclurcan 1958
F03	Fisher Library	1958-62	Edward Herbert Farmer in association with T E O'Mahoney. Design architect: Ken Woolley
F04	Fisher Library Stack	1967-1971	Edward Herbert Farmer in association with T E O'Mahoney. Design architect: Ken Woolley
F07	Carslaw Building	1960-65	Stafford Moor and Farrington
F08	Traffic Control Box (City Road)		
F09	Madsen Building	1939-44	D.E. Limberg (Commonwealth Dept. of the Interior) 1939-1944
F10	New Law Building	2004-2008	Francis-Jones, Morehen, Thorp
F10a	New Law Building Annex		
F11	Chemistry Building	1959	Cobden Parkes (Govt. Architect) 1958, design architects: Peter Webber and Ken Woolley
F12	Transient Building	c1945	
F13	Anderson Stuart Building	1885	James Barnet 1883-92, Vernon 1906-12, McRae 1918, Wilkinson 1922
F14	Substation		
F15	Traffic Control Box (University Ave.)		
F18	Gate Keeper's Lodge	1898	Vernon

NO.	NAME	DATE/S	ARCHITECT
F19	Eastern Avenue Auditorium and Lecture Theatre Complex	2000	Mitchell, Giurgola, Thorp. Design architect: Richard Francis-Jones
G01	Wentworth Building	1968-72	Ancher, Mortlock, Murray and Woolley 1968-72, 1987, 1991-92. Design architects: Ken Woolley (Stage 1), Bruce Bowden (Stage 2)
G02	Jane Foss Russell Building	2005-08	John Wardle Architects in assoc. Wilson Architects
G04	Wilkinson Building	1958-59	Eric W Andrew 1958-59, McConnell, Smith and Johnson 1972, Bates Smart 2002-05
G06	International House	1965-67	Bunning and Madden
G06a	W. H. Maze Wing	1984-86	Phillip Cox and Partners
G06a	A.P. Elkin Wing	1970-72	O'Mahoney, Neville and Morgan
G07	Agricultural Glasshouse		
G08	Molecular Science Building	1970-73	Stafford, Moor and Farrington
G09	Noel Martin Recreation Centre- Stage 1	1969-71	Hall and Anderson 1969-71
G09	Noel Martin Recreation Centre- Stage 2	1996-97	P D Mayoh Architects 1996-97
G09	Extension to Noel Martin Recreation Centre	2013	Cox Richardson
G12	Services Building	c1937	Former P.J. Firth box factory
G15	Old School Building (Darlington)	1878	George Allen Mansfield
G16	Traffic Control Box (Maze Crescent)		
G18	M. Lawson Mushroom Research Unit		
G19	Temporary Greenhouse		
H01	Sydney University Regiment Building	1964	Commonwealth Department of Works and Housing
H02	Darlington Centre (including the former Superintendent's Residence)	1887, 1999-2002	Arthur Latimer and George McCredie 1887, Tonkin, Zulaikha, Greer 1999-2002
H03	Institute Building	1870-84	Benjamin Backhouse 1870-84, Arthur L and George McCredie 1891-92, Arthur McCredie and Anderson 1912, AW Anderson 1928-30
H03	Institute Building-School Building	c.1870	
H04	Merewether Building	1963-66	Eric W Andrew & Bland. Design architect: Eric Andrew
H06	Substation (Butler Ave.)		
H07	University Garage		
H09	Boundary Lane Child Care Centre	1990s?	
H10	Storie Dixon Wing		
H66	Darlington House	1980s?	

NO.	NAME	DATE/S	ARCHITECT
H67	Mandelbaum House	1994-96	Colin Wilkinson
H68	Shepherd Centre	1980-90s?	
H69	Economics and Business Building	1998-2002	Noel Bell, Ridley Smith
H13-58	Darlington Road terraces	c1870s	
J01	Chemical Engineering Building	1936-65	Ancher, Mortlock and Murray. Design architect: Bryce Mortlock
J02	Peter Nicoll Russel Building	1966, 1970	Ancher, Mortlock, Murray and Woolley. Design architect: Stuart Murray
J03	Electrical Engineering Building	1964-66	Anchor, Mortlock, Murray and Woolley. Design Architect: Bryce Mortlock
J04	Rose St Building	c1935-40	Former print and carton workshop.
J05	Civil Engineering Building	1960-63	Anchor, Mortlock and Murray. Design architect: Bryce Mortlock (1960- Testing Lab, 1961-63 Building)
J06	Civil Engineering Workshop	c1920	Former Lewis Joseph bedding factory. Architect unknown.
J07	Mechanical Engineering Building	1970-71	Ancher, Mortlock, Murray & Woolley. Design architect: Stuart Murray
J07a	Chemical and Hazardous Materials Store		
J07b	Meter Room		
J08	Union Childcare Centre		
J09	Seymour Centre	1972-75	Allen, Jack and Cottier. Design architect: Keith Cottier
J10	Shepherd St Parking Station	1975	Allan, Jack & Cottier. Design architect: Keith Cottier (possibly)
J11	Aeronautical Engineering Building	1973-75	Ancher, Mortlock, Murray & Woolley. Design architect: Stuart Murray
J11a	University Store		
J11b	Engineering Workshop		
J12	School of Information Technologies	2002-06	Francis-Jones, Morehen, Thorp
J13	Engineering Link	1993	Gazzard, Sheldon. Design architect: Don Gazzard
J14	Gordon Yu Hoi-Chui Building	1987-1998	Hassell Pty Ltd. Design architects: John Choi and Mike Smith

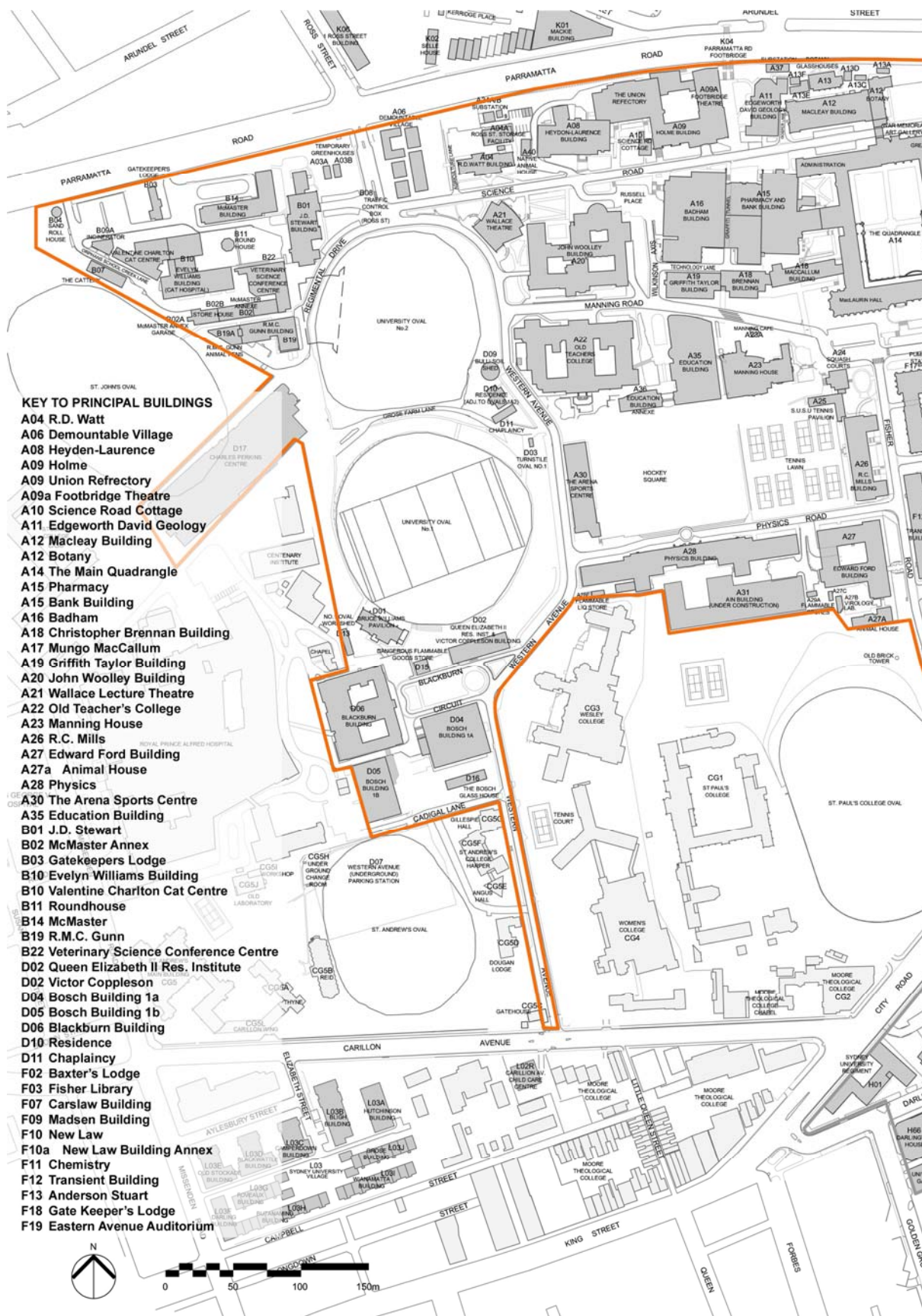


Figure 2. 6: Location of Principal Buildings at the University (Part 1) (The boundary of the place is outlined in orange). (Source: University of Sydney Campus Infrastructure Services, 2013).

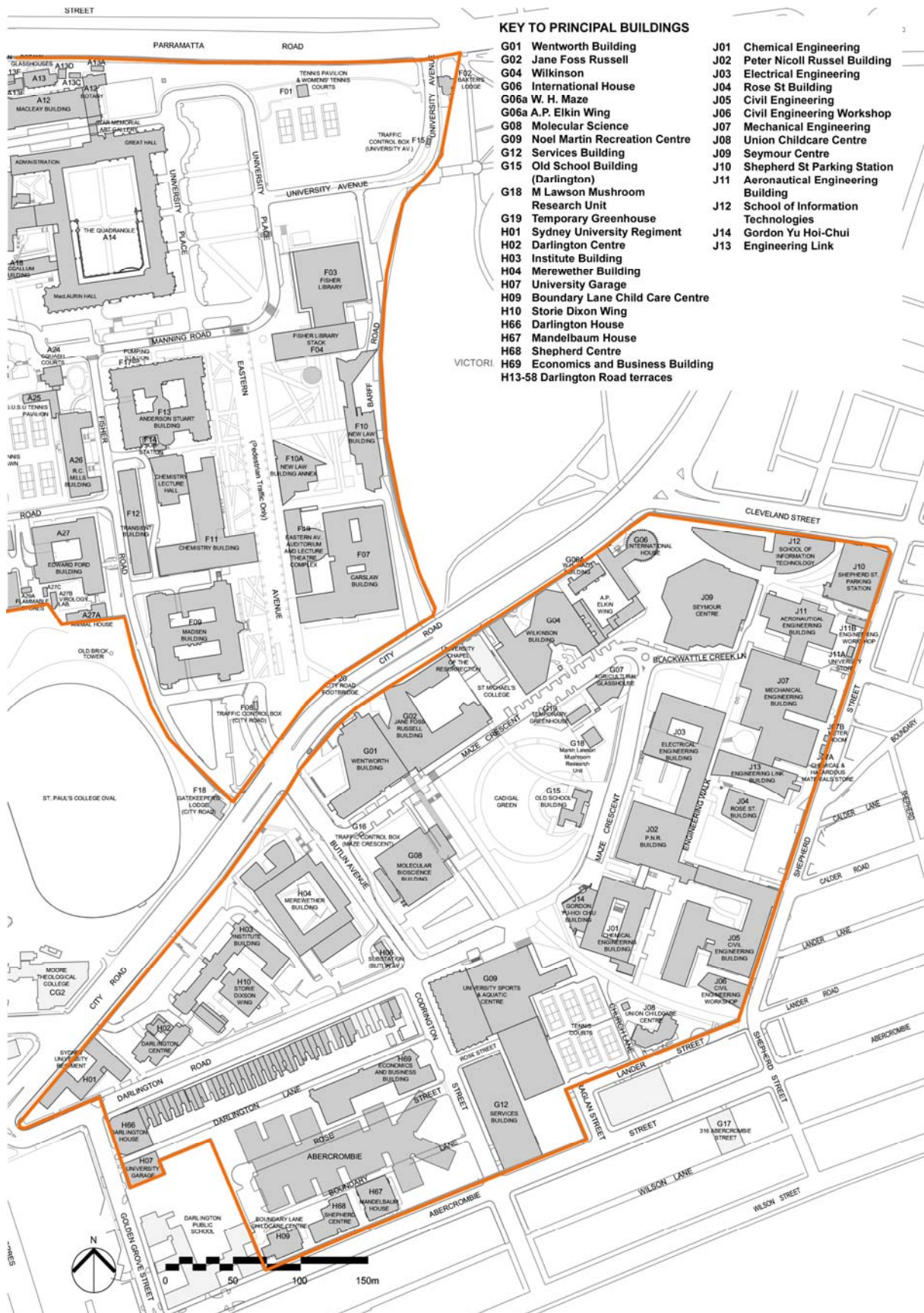


Figure 2. 7: Location of Principle Buildings at the University (Part 2) (the boundary of the place is outlined in orange) (Source: University of Sydney Campus Infrastructure Services, 2013).

Physical Survey of the Site Features, Landscape and Vegetation

The place and its setting were inspected over a number of days throughout September 2013 by Ian Stapleton and Alice Stapleton and the current configuration of the landscape and other site features recorded.

Site features located throughout the Engineering Precinct and the City Road Precinct located in the Darlington Campus have not been surveyed for this report.

Refer to Figures 2.8 to 2.20 and Table 2.7.

Abbreviations Used in Survey of Physical Fabric

Time Periods:

O	=	Original
EA	=	Early addition
EN	=	Early 19th century (1820-1850)
MN	=	Mid 19th century (1851-1885)
LN	=	Late 19th century (1886-1900)
ET	=	Early 20th century (1901-1940)
MT	=	Mid 20th century (1941-1975)
LT	=	Late 20 th century (1976-2000)
MD	=	Modern (2001- date)
?	=	Date unclear

Table 2. 7: Site Features survey of the Camperdown and Darlington Campuses

NO.	DESCRIPTION	DATE
A1	Sandstone retaining wall and garden with 2 no. sets of stairs	ET or MT
A2	Plantings along western Science Road, including jacaranda and brush box trees	ET or MT
A3	Sandstone garden walls on Science Road	ET
A4	Five stone steps flanked by four stone bollards and side step walls to R.D. Watt Building (A04)	ET
A5	Sandstone garden wall and planting associated with the John Woolley Building, including cypress trees	ET
A5(a)	Chinese elm tree	ET
A6	Sandstone kerbing and concrete guttering along Science Road	MT?
A7	(Ross Street Gate) 4 no. sandstone gateposts with base, shaft and castellated cap	LN, reloc LT
A7(a)	2 no. iron palisade vehicular gates with central iron pier between the two main gateposts and 2 no. iron palisade pedestrian gates to each side.	LT
A7(b)	(Former Ross Street Gate) 2 no. palisade iron gates with decorative spear to point to hanging stile.	LN, reloc LT
A8	Sandstone and iron palisade fence along Parramatta Road	LN, reloc ET
A8 (a)	Old hedge along fence at Parramatta Road	ET
A8 (b)	Embankment cutting with planting along Parramatta Road	LN or ET
A8(c)	Reconstructed metal gate to Substation No.54	M
A9	Holm oak tree	ET
A10	2 no. Strelitzia associated with plantings at Heydon Laurence Building (A08)	ET or MT
A10(a)	Queensland box tree	ET

NO.	DESCRIPTION	DATE
A10(b)	Lamppost and sign for Holme Building (A09)	ET
A11	Garden associated with Holme Building (A09)	ET
A11(a)	Jacaranda tree	ET
A11(b)	Chinese/Japanese hackberry tree	ET
A12	Courtyard with palm trees and jacaranda within Holme Building (A09)	ET
A13	Stone and metal plaque dedicated to Paul Hyde in garden bed of Holme Building (A09)	1997
A13(a)	2 no. Port Jackson fig tree	ET
A13(b)	2 no. Aleppo pine trees	ET
A13(c)	White cedar tree	ET
A13(d)	Queensland box tree	LN
A14	"Mephistopheles Fountain", Fountain of Pan, Bertrand J. Waterhouse, sandstone and metal.	1925
A14(a)	Queensland box tree	ET
A15	Garden beds with stone walls associated with Badham Building (A16)	ET
A16	Sandstone retaining wall surrounding Russell Place	Pos. MT
A16(a)	Chinese elm tree	ET?
A17	(Doric Columns) 2 no. sandstone columns and pergola with wisteria	ET, reloc LT?
A18	Sandstone steps to Badham Building(A16)	ET?
A19	Sandstone garden bed walls associated with John Woolley Building (A20)	ET
A20	Chinese hawthorn	ET
A21	Sandstone retaining wall, cement joints, associated with John Woolley Building (A20)	ET
A22	Old machinery display consisting of iron and timber press by D. Sim & Sons, makers, Morpeth. 'Horse Works Wool Press' associated with John Woolley Building (A20)	LN
A22(a)	Cottonwood tree	ET
A23	Mungo MacCallum courtyard and other plantings associated with Main Quadrangle Building (A14)	LN & MT
A24	Quadrangle lawn	EN
A25	Jacaranda within Quadrangle	ET
A24a	Random squared coloured cement pavings where no cloister	MT
A26	Plantings of camellia and azaleas in Vice-Chancellor's Courtyard	ET
A27	Stone and bronze statue, "Fortuna" after Giovanni Giambologna, artist unknown; gift of the estate of G.C. Dwyer.	1952
A28	Sculpture, "Horse", by Shona Nunan, cast bronze and stone pedestal base, 1989; gift of the artist.	Erected 1992
A29	Stone and bronze statue, 'Mercury' after Giovanni Giambologna, artist unknown; gift of the estate G.C. Dwyer.	1952
A30	Sandstone milestone marker, with 'Sydney II' on one face and 'Parramatta XIII' on an adjoining face. outside the Administration Building (A14) on Science Road	EN, reloc ?
A31	Sandstone monument to Miklouho-Macleay, damaged, outside Macleay Building (A12) within the planting area on Science Road	LT
A32	8 no. weeping figs along Science Road outside Macleay Building (A12) and Administration (A14).	MN
A32A	Lamp posts either side of Science Road outside the Administration building (A14) and Macleay Building (A12).	ET
A33	Garden beds and plantings with some sandstone surrounds and cypress pines associated with Administration Building (A14).	ET

NO.	DESCRIPTION	DATE
A34	Garden beds and planting associated with Macleay Building (A12)	ET
A35	Several bollards under the bridge over Science Road at the Great Hall and the Macleay Buildings (A12 and A14).	M
A36	Garden and lawn to the east of the Botany Building (A12) which includes a Chinese elm, several modern garden seats	ET
A36(a)	3 no. Port Jackson fig trees	MN
A36(b)	2 no. Moreton Bay fig trees	MN
A37	Wollemi pine with stone and metal monument; donated by Justin Miller, planted by the Vice-Chancellor and Principal Professor Gavin Brown	15 June 2006
A38	Sandstone wall surrounding lawn and garden associated with Botany Building (A12).	ET
A38(a)	Section of large sandstone column attached to the sandstone wall around garden to the north of the Botany Building (A12).	LN? reloc?
A39	Cast iron lamp posts associated with garden and plantings to the east of Botany Building (A12).	ET
A39(a)	2 no. camellia and 1 no. azalea shrubs	ET
A40	Sandstone kerbing, probably recycled, associated with Main Quadrangle Building (A14)	ET
A41	Sandstone retaining wall forming podium for Main Quadrangle Building (A14).	LN
A42	Several cast iron lamp posts along sandstone retaining wall at University Place	ET
A43	3 no. sets of sandstone stairs and terracing with open lawn of University Place	LN
A44	Iron and stone palisade fence set in concrete base	MT
A45	Metal plaque inscribed to commemorate the widening of Parramatta Road	1911
A45a	Reconstructed fence with sandstone coping	M
A45b	(Union Steps) Remnant stone gate with paired stone walls and circular carvings on Parramatta Road, low sandstone walls and square stone posts.	ET
A45c	(At substation) some stone, possibly reused and some ironwork, possibly reused or regalanised	M
A45d	Sandstone piers in palisade fence, possibly relocated	ET
A45e	Recycled stone retaining wall (at footbridge)	MT/LT?
A45f	Stone, concrete and metal footbridge	ET, MT & LT
A46	Sandstone kerbing and guttering around University Place	LN or ET
A47	Sandstone in paving, probably showing extent of earlier paving.	ET/LT
A48	2 no. English oak trees	ET
A49	Sandstone retaining wall and steps with plantings	ET
A50	Sandstone fountain dedicated to Sir Francis Anderson, Professor of Logic and Mental Philosophy, 1890-1921	LT
A51	Sandstone steps and paving at the southern side of MacLaurin Hall (A14)	ET
A51(a)	Sandstone pavings	MT
A52	Water bubbler on the southern side of MacLaurin Hall (A14) (associated with the garden and sandstone area)	MT
A53	Salvaged stone block retaining wall	ET
A54	Timber and metal decorative gothic style flagpole and base.	ET? Possibly reloc LT?
A54(a)	Sandstone base for flagpole	LT
A55	Lamps at top of sandstone stairs to MacLaurin Hall (A14).	ET?

NO.	DESCRIPTION	DATE
A56	London plane tree	MT
A57	Brick steps, pathway and walls	MT
A58	Sunken hedged garden, includes a jacaranda tree.	ET
A59	Concrete stairs and sandstone wall on the western side of the squash courts pavilion (A24).	MT
A60	Chinese elm? tree.	LT
A61	Sandstone garden bed/retaining wall on the northern side of the memorial	LT
A62	Sandstone memorial seat dedicated to Isabel Fidler 1869-1952 [Isabel Fidler Memorial Garden, 1953]	MT
A63	Concrete steps with metal rails to roof of the squash court pavilion.	LT
A64	Circular path with stairs, lawn and adjacent plantings associated with Isabel Fidler Memorial Garden.	LT
A64(a)	Port Jackson fig tree	MT
A65	Sandstone retaining wall associated with RC Mills Building (A26).	ET
A66	3 no. Italian cypress trees on the western side of the RC Mills Building (A26)	MT
A67	Fence surrounding tennis courts	LT
A67a	Tennis courts/lawn	ET
A68	Sandstone retaining wall	ET
A68a	Low sandstone retaining wall associated with Edward Ford Building (A27)	ET
A69	Sandstone retaining wall along the southern side of the tennis court lawn	ET
A70	Row of jacaranda trees	ET
A71	Traditional style sandstone retaining wall.	LT
A72	Coarse stone sandstone wall in the NW corner of the tennis courts.	ET
A73	Sydney blue gum tree.	MT
A73(a)	Tree stump of Sydney blue gum tree	MT
A74	Frangipani tree	ET
A75	Face brick retaining wall with stone coping and metal balustrade associated with Old Teacher's College Building (A22)	ET
A76	Number not used.	
A77	Number not used.	
A78	Sandstone kerbing to Old Teachers College Building (A22)	ET
A79	Face brick retaining wall with stone coping and metal balustrade associated with Old Teachers College Building (A22)	ET
A80	Number not used.	
A81	Decorative cast iron manhole cover	ET
A82	Garden bed with stone edges associated with Old Teacher's College Building (A22)	MT,
A83	Garden and stairs associated with John Woolley Building (A20). Sandstone retaining wall, dry joints, recently repaired.	MT, reloc LT
A84	3 no. Queensland box trees	LT
A85	Stone statue memorial 'In memory of Sue Harlen, inaugural Director, University of Sydney Foundation Program'	LT
A86	Garden bed, sandstone retaining walls	LT
A87	Cottonwood tree	MT?
A88	Strelizia	ET
A89	Brick and metal palisade gates set in stone base associated with Old Teachers College Building (A22). Metal balustrade fence on stone plinth.	ET
A90	Metal bollard in front of gates (A89)	M
A91	Plantings associated with Old Teachers College Building (A22)	ET
A92	Sickle-leaved yellowwood tree	MT
A93	Plantings, including jacaranda tree	M

NO.	DESCRIPTION	DATE
A94	Bronze and concrete statute of Gilgamesh, unveiled by the Chancellor of the University, Emeritus Professor Dame Leonie Kramer, 15 October 2000. Artist was Louis Batros. To commemorate the sesquicentenary of the University.	15 October 2000
A95	London plane tree	LT
A96	2 no. Port Jackson fig trees	LN
A97	Cypress pine trees and pencil pine trees associated with Physics Building (A28)	ET
A98	2 no. square sandstone columns with a square moulded top with carved inscription, "WS" and R81".	LN, reloc ET
A99	Hockey Square	LN/ET
B1	Sandstone and iron palisade fence	LN
B1(a)	Galvanised steel pipe and corrugated steel cantilevered shelter, c.1990	LT
B1(b)	Pipe and square section galvanized steel and mesh animal yards associated with Building B04	LT
B1(c)	Earth loading ramp retained by squared, bedded salvaged sandstone walls topped with painted steel pipe railings	LT
B1(d)	Galvanized steel posts in concrete footings supporting 2 irregular shaped shade cloth awnings	LT
B1(e)	(Veterinary Clinic Gates) Temporary concrete driveway access to construction site of Charles Perkins Centre including concrete posts, steel and prefab construction sheds and galvanized steel and chain wire fencing	M
B2	Old hedge	ET
B3	3 no. fig trees	LN
B4	Jacaranda tree	ET?
B5	Henry & Banjo Sculpture Garden, Memorial For Animal Friends	2005
B6	Garden associated with Gatekeeper's Lodge Building (B03)	ET
B7	Frangipani tree	ET
B8	(Gatekeepers Lodge Gate, Parramatta Road) 4 no. sandstone cylindrical dome-topped piers with crenulated collars.ET	ET?
B8(a)	Palisade style gate panels with cast-iron spears and elaborate wrought iron decoration, 2 no. vehicular gates, 2 no. pedestrian gates.	ET?
B9	Camphor laurel	ET
B10	Eucalypt	LN?
B11	Stone and metal memorial plaque to Val Argall	1998
B12	Planting associated with McMaster Building (B14)	ET
B13	3 no. jacaranda trees	ET
B14	Shrubbery and lawn garden	LT
B15	2 no. Jacaranda trees	LT
B16	Cottonwood tree associated J.D. Stewart Building (B01)	MT
B17	Sandstone garden bed	ET
B18	Queensland box tree	MT
B19	Silky oak tree	MT
B20	Queensland box tree	MT
B21	Several rough bark apple myrtle trees lining Regimental Drive	M
B22	5 no. crepe myrtle trees associated with Veterinary Science Conference Centre Building (B22)	M or LT?
B23	3 no. Paperbark trees	LT
B24	Tea tree associated with R.M.C. Gunn Building (B19)	LT
B24(a)	Cabbage palm tree	LT
B24(b)	2 no. Casuarina tree	LT

NO.	DESCRIPTION	DATE
B25	Eucalyptus maiden's gum	ET
B26	Queensland box trees either side of Round House (B11)	ET
B27	Jacaranda tree	ET
B28	Sandstone garden bed retaining wall containing silky oak tree	ET
B29	Sandstone garden beds- recycled stone?	MT- reloc?
B29(a)	4 no. stone and bronze memorial stones "Marking the occasion of the opening of the Veterinary Science Conference Centre on 21 st May 1998". The occasion was marked with four tree plantings - one was planted by Prof. David Frazer, Dean of the Faculty of Veterinary Science; by Prof. Gavin Brown, the Chancellor of the University of Sydney; the R T Hon. Doug Anthony CH President of the J D Stewart Veterinary Science Foundation; Emeritus Prof. Dame Leonie Kramer, Chancellor of the University of Sydney	LT
B30	3 no. Lemon scented gumtrees	M
D1	Oval No. 2	ET
D2	4 no. Himalayan cedar trees lining the beginning of Western Avenue	MT?
D3	Several Monterey cypress trees	MT
D4	7 no. Hoop pine trees	ET
D5	Recycled stone garden bed	LN reloc ET?
D6	Metal palisade fence surrounding ovals	M
D7	Port Jackson fig	MT?
D9	Wood and metal picket fence surrounding University Oval No. 2	M
D10	River red gum tree	MT?
D11	Wood and metal picket fence surrounding University Oval No. 1	M
D12	Oval No. 2	LN
D13	Stone paving	M?
D14	River red gum	MT
D15	Coral tree	MT
D16	Stone retaining wall with concrete steps to Oval No. 2.	ET or MT?
D17	Port Jackson fig tree	ET
D18	Terraced stone retaining walls	ET? MT?
D19	Stone paved retaining wall	MT
D20	Scoreboard. Wood, metal with shingles on ET base	LT?
D20(a)	Stone paved seat area with plaque on seat, 'Dedicated to Bill Corkin, a UFC coach and clubman 1961-2007'	M
D21	Recycled stone and brick retaining wall	MT
D22	Row of camphor laurel trees	ET
D23	3 no. weeping fig trees	ET
D24	Recycled stone retaining wall and stairs; remnant garden bed?	LN or ET?
D25	Row of cypress pines	ET
D26	Row of cypress pines	ET
D27	Recycled stone garden bed	ET?
D28	5 no. metal bollards	M
D29	Stone and marble monument memorial. 'Erected to the memory of LEF Neill, BA MB, scholar athlete and gentleman' with other inscriptions in 1902	ET
D29(a)	4 no. metal bollards	M
D30	Jacaranda tree	ET?
D31	7 no. metal bollards	M
D32	3 no. metal bollards	M
D33	Brick retaining wall garden containing several Plane trees and a fig tree, associated with Bosch Building (D04). Stairs have quarry tiled steps.	MT or LT

NO.	DESCRIPTION	DATE
D34	White cedar tree associated associated with building D02	MT
D35	Magnolia grandiflora	M
D36	Face brick wall with rendered infill at west end	LT
D37	Triangular area of grass with low brick retaining wall associated with Bosch Building (D04)	MT or LT
D38	Brick and timber seating associated with Bosch Buildings (D04 and D05).	LT
D39	3 no. Lombardi poplar	LT
D40	Six cypress trees associated with Bosch Building (D04)	LT
D41	Footpath paved in granolithic with low brick retaining wall on west side and concrete kerb on east side	LT
D42	Row of small leafed fig trees along Western Avenue	LT
D43	2 no. Camphor laurel trees	LT
D44	Red ironbark tree	LT
D45	Aleppo pine tree	LT
D46	Himalayan cedar tree	LT
D47	Illawarra flame tree	LT
D48	Jacaranda	LT
D49	Jacaranda	LT
D50	Jacaranda	LT
D51	Illawarra flame tree	LT
D52	Spotted gum tree	LT
D53	Spotted gum tree	LT
D54	Cedar tree	LT
D55	Spotted gum tree	LT
D56	2 no. Queensland box trees	LT
D57	2 no. Tallowood trees	LT
D58	2 no. spotted gum trees	LT
D59	Hoop pine	LT
D60	Port Jackson fig (outside oval fence)	M
F1	Several large fig trees along both sides of University Avenue	MT?
F2	Sandstone kerbing and concrete guttering along the road of University Place adjacent to Fisher Library (F03)	MT or LT
F3	Concrete stairs with metal rails associated with Fisher Library (F03) memorial garden.	LT
F4	Memorial garden associated with Fisher Library building (F03) contains 6 no. stone benches lining the garden, engraving in sandstone wall, lawn and a jacaranda tree	LT
F5	3 piece monument, made of bronze, marble, concrete. 'Acknowledging the connection of this land to the Gadigal people of the Eora nation'	M
F6	Garden with lawn and several large trees to east of Women's Tennis Courts. Trees include weeping bottlebrush, eucalyptus, scribbly gums and olive trees	MT
F7	Bunya tree as part of front entrance (old Victoria Park planting?).	LN
F8	Pathway from gate at Parramatta Road through to University Place, paved with concrete pavers and lined with several mature trees	MT
F8A	Sandstone sculpture with stone pedestal, "The Student", Tom Bass, located inside the gate, Parramatta Road	1953
F9	2 no. Aleppo pines	LN
F10	Sandstone stairs and terrace with low curved wall designed by Denis Winston.	MT

NO.	DESCRIPTION	DATE
F10(a)	(Baxters Lodge Gates) 2 no. sandstone gate posts with square columns and lantern on top, flanked by 2 no. sandstone arches over pedestrian entrances. Includes carved blank crest and carved motif and date "1940".	ET
F10(b)	Wrought iron palisade gate panels and supporting iron post frame for vehicles, 2 no. pedestrian gates of similar design either side.	ET
F10(c)	(University Ave entrance) Stone walls, pedestrian terrace and 4 no. low square sandstone posts. Terrace also includes 2 no. fixed sandstone seats and a taller sandstone column with a square moulded top. The two low posts at the top of the stairs have a metal University crest attached. Completed in 2002.	M
F11	Palisade fence with concrete and stone wall	ET, MT & M
F12	Holm oak tree to west of tennis courts	LN or ET
F13	Monterey pine	ET
F14	3 no. Port Jackson fig	LN or ET?
F15	African olive	ET
F16	Port Jackson figs	LN
F17	Moreton Bay Fig trees adjacent to Parramatta Road	LN
F18	Trees and plantings associated with Women's Tennis Courts Building (F01).	ET
F19	Tennis court	ET
F19(a)	Metal fence to tennis court	MT/LT
F19(b)	Artificial surface on tennis court	M
F20	Cast iron lamp posts along University Avenue	ET
F21	Sandstone kerbing and concrete guttering along University Avenue	ET or MT
F22	4 no. Banksia trees.	M
F23	Moreton Bay fig tree	LN
F24	Small leafed fig tree	LN
F25	River red gum tree	LN
F26	2 no. Jacarandas at each side of the northern entrance to Anderson Stuart Building (F13)	ET
F27	Queensland box tree	LN
F28	Stone and iron palisade fence	ET?
F29	2 no. sandstone columns with square base chamfered to an octagonal section, with an octagonal moulded top associated with original fence?	LN reloc ET & M
F30	2 no. Moreton Bay fig trees	LN
F31	Metal palisade fence with concrete	MT?
F32	Metal and stone return palisade fences. Metal is modern.	M
F33	Stone retaining wall and plantings	ET
F34	4 no. Moreton Bay fig trees	LN?
F35	Chinese hackberry tree	ET
F36	Iron and stone palisade fence	ET / MT?
F37	Palisade fence with metal and sandstone	ET, M
F37(a)	(Main Gates City Road) 4 no. sandstone columns with trachyte bases, 2 with square base chamfered to an octagonal top with crenulated collars and lantern on top	LT
F37(b)	2 no. sandstone columns with square base chamfered to an octagonal section with an octagonal domed top.	LN
F38	Palisade fence with concrete base	MT?
F38(a)	Steel palisade gate inset into the boundary fence	MT
F39	Spare number	
F40	3 no. lamp posts associated with garden at Madsen Building (F09)	ET

NO.	DESCRIPTION	DATE
F41	2 no. Firewheel trees associated with Madsen Building gardens and plantings (F09)	ET
F42	(City Road Gate Keepers Lodge (F18) Gates) 4 no. sandstone cylindrical dome-topped piers with crenulated collars.	LN
F43	Palisade-style gate panels with cast-iron spears and elaborate wrought iron decoration, 2 no. vehicular gates, 2 no. pedestrian gates.	LN
F44	Row of 11 no. hills weeping fig	LN
F45	5 no. Cypress trees associated with Madsen Building (F09) plantings	ET
F46	Cypress trees associated with building F12	MT
F46(a)	Plantings including African olive and another olive tree associated with building F12	MT
F47	Jacaranda tree associated with building F12	ET
F48	Courtyard associated with Chemistry Building (F11), includes coloured square concrete pavers	MT
F49	Concrete and tiled water fountain associated with Chemistry Building (F11)	MT
F50	Courtyard associated with Chemistry Building (F11), includes cockscomb coral tree, coloured concrete paving	MT
F51	Concrete and tiled water fountain associated with Chemistry Building (F11)	MT
F52	2 no. Jacaranda trees associated with Anderson Stuart Building (F13)	ET
F53	London plane tree	ET
G1	Moreton Bay fig	M
G2	2 no. London plane trees	M
G3	3 no. Casuarina trees	LT
G4	Hills Weeping fig tree	MT?
G6	Iron palisade fence with sandstone base.	LN
G7	Stone retaining wall	LN
G8	3 no. Moreton Bay figs	LN
G9	2 no. sandstone pillars with square base	LN
G9(a)	Metal gate inserted into iron palisade fence	LT
G10	London plane tree	ET
G11	2 no. Sydney blue gums	ET?
G12	Eucalyptus tree associated with the Old School Building (G15)	ET or MT?
G13	Sandstone pier associated with Old School Building (G15)	LN
G14	Granite water bubbler erected to the memory of David and Jessie Edward-pioneer residents of Darlington- Also enscribed, Dorothy M Wetherstone Architects 1929, erected by their sons Rob and Alfred.	ET
G15	WWI Darlington Memorial Gates – 4 x no. square sandstone columns with moulded tops and honour rolls in granite? Inscribed with gold lettering attached. Unveiled in 1924	Reloc, ET
G16	Bottle tree	LT?
G17	Remnant stone retaining wall- reloc?	Reloc?
G18	Moreton Bay fig tee	ET
G19	Sandstone kerbing and guttering	ET
G20	Sandstone kerbing	ET?
G21	Oriental plane tree	MT?
G22	Sandstone kerbing	ET?
G23	Sandstone kerbing with concrete guttering	ET, MT
G24	Stone pier	ET
G25	Metal and stone palisade fence with stone piers	LN
G26	Port Jackson fig	LT
G27	Canary Island date palm tree	LT

NO.	DESCRIPTION	DATE
G28	Stone garden bed retaining walls	MT?
G29	2 no. Port Jackson fig tree	LT
H1	Brick and stone pier	LN
H2	Brick and stone wall	LN
H3	Sandstone kerbing and guttering with remnant sandstone drain	ET
H4	Sandstone kerbing with concrete guttering	ET
H5	Sandstone kerbing with remnant sandstone drain	ET
H6	Sandstone kerbing with concrete guttering	ET
H7	Stone and brick piers and metal gate	LN
H8	Sandstone kerbing with concrete guttering	ET
H9	2 no. brick pilasters with sandstone base and capital, sandstone pediment with incised work.	LN
H9(a)	Timber sheeted pedestrian door	LN
H10	Decorative metal bracing? in brick wall	LN
H11	Metal plaque in brick wall- 'NSW Institute for the Deaf and Dumb and the Blind, Established 1861'	LN
H12	7 no. decorative metal braces? in brick wall	LN
H13	2 no. square brick pillars with chamfered and moulded sandstone tops and stone base.	LN
H13(a)	Timber framed and diagonally sheeted panel gates.	LN
H14	Sandstone kerbing with concrete guttering	ET
H15	Silky oak tree	MT
H16	Sandstone kerbing	ET?
H17	Remnant sandstone kerbing	ET
H18	Remnant sandstone kerbing	ET
H19	Remnant sandstone kerbing	ET
H20	Sydney blue gum	MT
H21	Stone and iron palisade fence	MN
H22	Carriage loop to Institute Building (H03)(reconstructed)	LT
H23	7 no. Hills weeping figs	MN or LN
H24	Moreton Bay fig	ET?
H25	Camellia	MT
H26	Water gum (Kanooka)	MT
H27	Jacaranda	ET
H28	Queensland laurel	MT
H29	Golden rabinia	LT
H30	Sweet Pittosporum	MT
H31	Bhutan cypress	ET
H32	5 no. Hills weeping figs	MN
H33	Bhutan cypress	ET
H34	Bhutan cypress	ET
H35	Hills weeping fig	ET
H36	Broad-leaved paperbark	LT
H37	Lemon scented gum	LT
H38	Chinese tallow wood	LT
H39	Hills weeping fig	LT
H40	Moreton Bay fig	LN?
H41	Moreton Bay fig	LN?
H42	3 no. Tulipwood	LT

NO.	DESCRIPTION	DATE
CG1	(Western Ave Gate) 4 no. brick piers with sandstone capitals, framing over pedestrian entrances. Hardwood and metal gates with round posts, 2 no. vehicular gates and 2 no. pedestrian gates.	ET, partly recon.
CG2	Stone garden edging	ET or MT?
CG3	Sandstone garden beds	ET
CG4	Stone garden bed	ET
CG4(a)	Sandstone guttering in garden bed	ET
CG5	Curved sandstone garden edging	ET

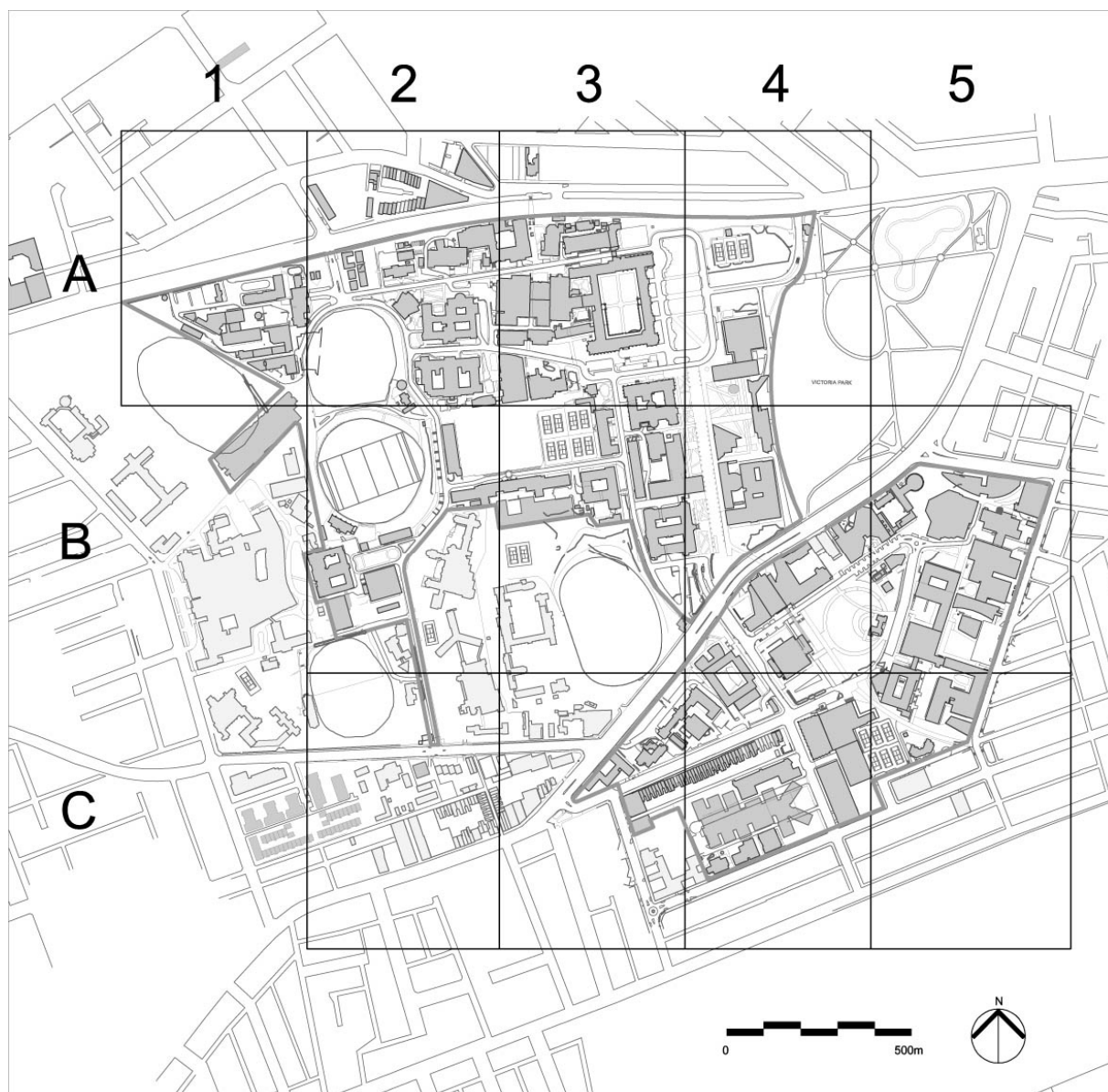


Figure 2. 8: Key to Site Features Survey Plans

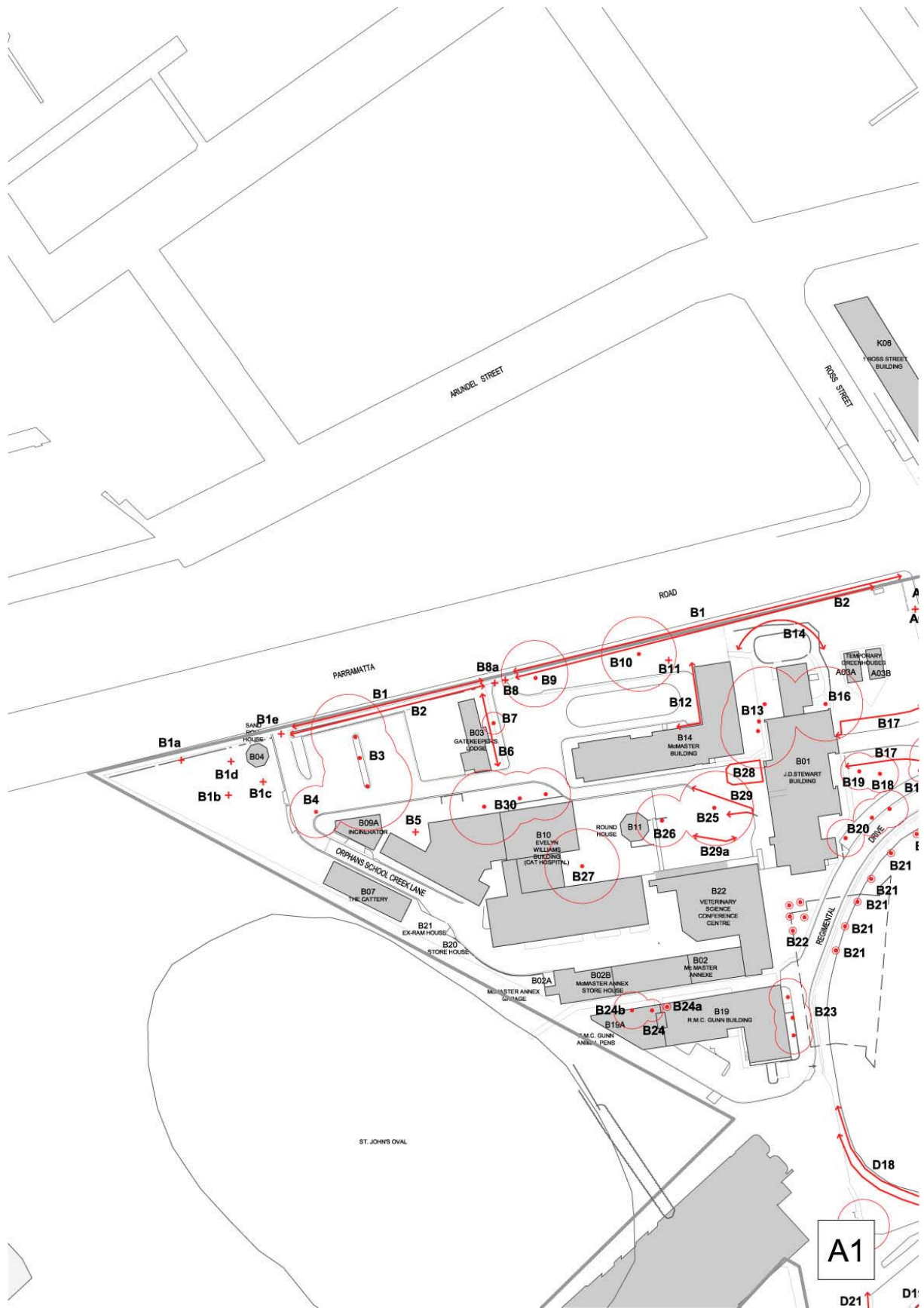


Figure 2. 9: Site Features Survey Plan A1



Figure 2. 10: Site Features Survey Plan A2

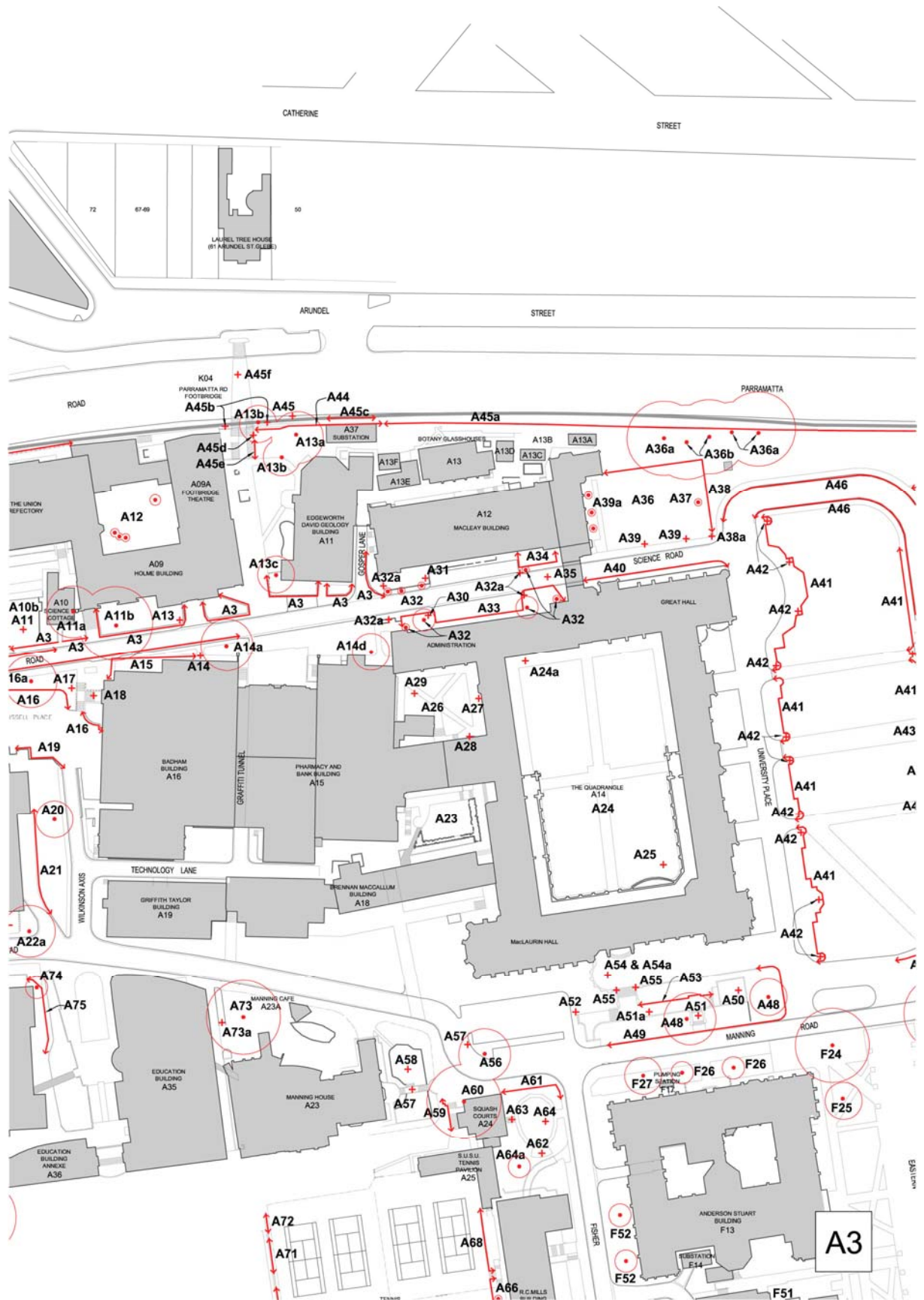


Figure 2. 11: Site Features Survey Plan A3

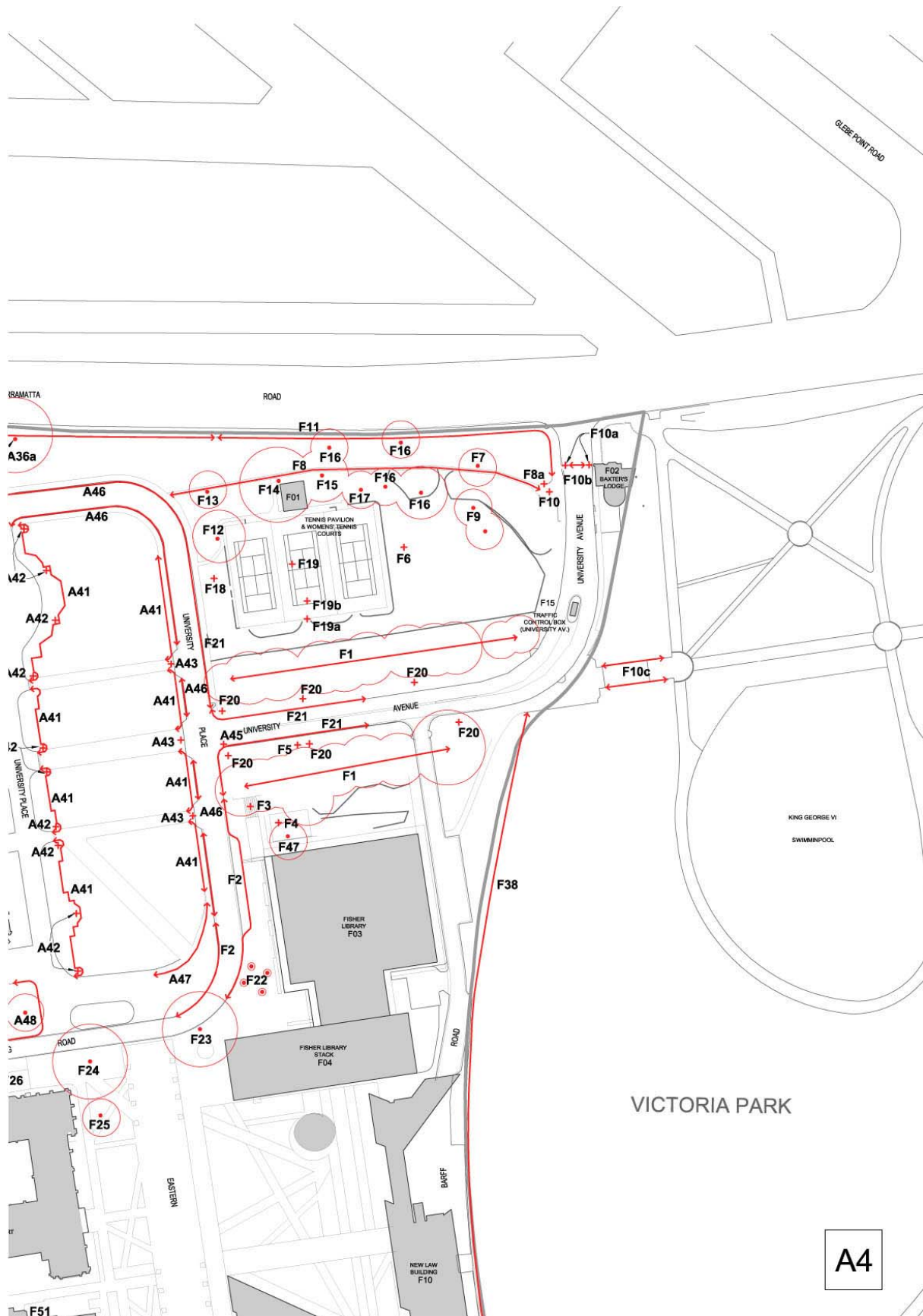


Figure 2. 12: Site Features Survey Plan A4

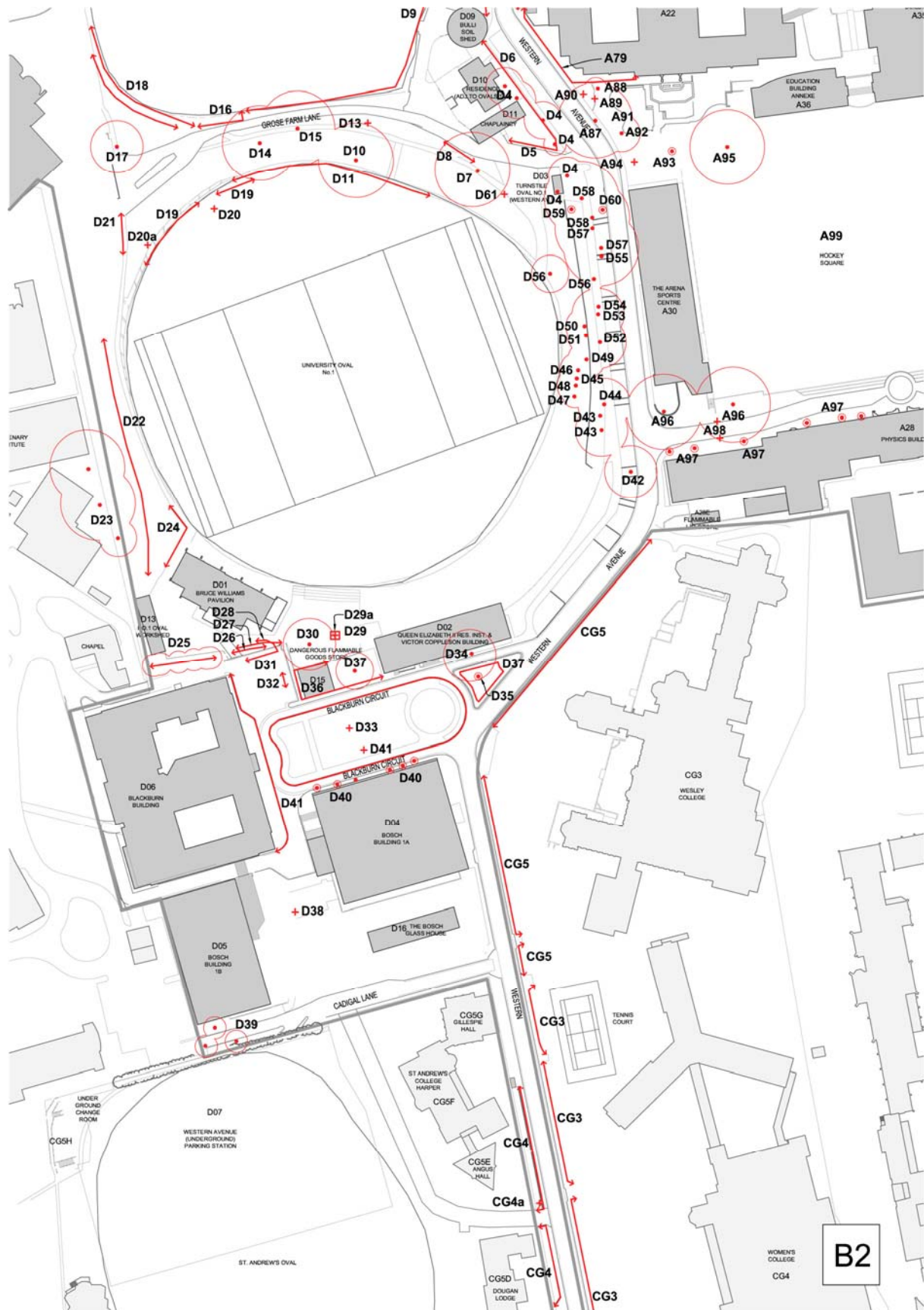


Figure 2. 13: Site Features Survey Plan B2



Figure 2. 14: Site Features Survey Plan B3

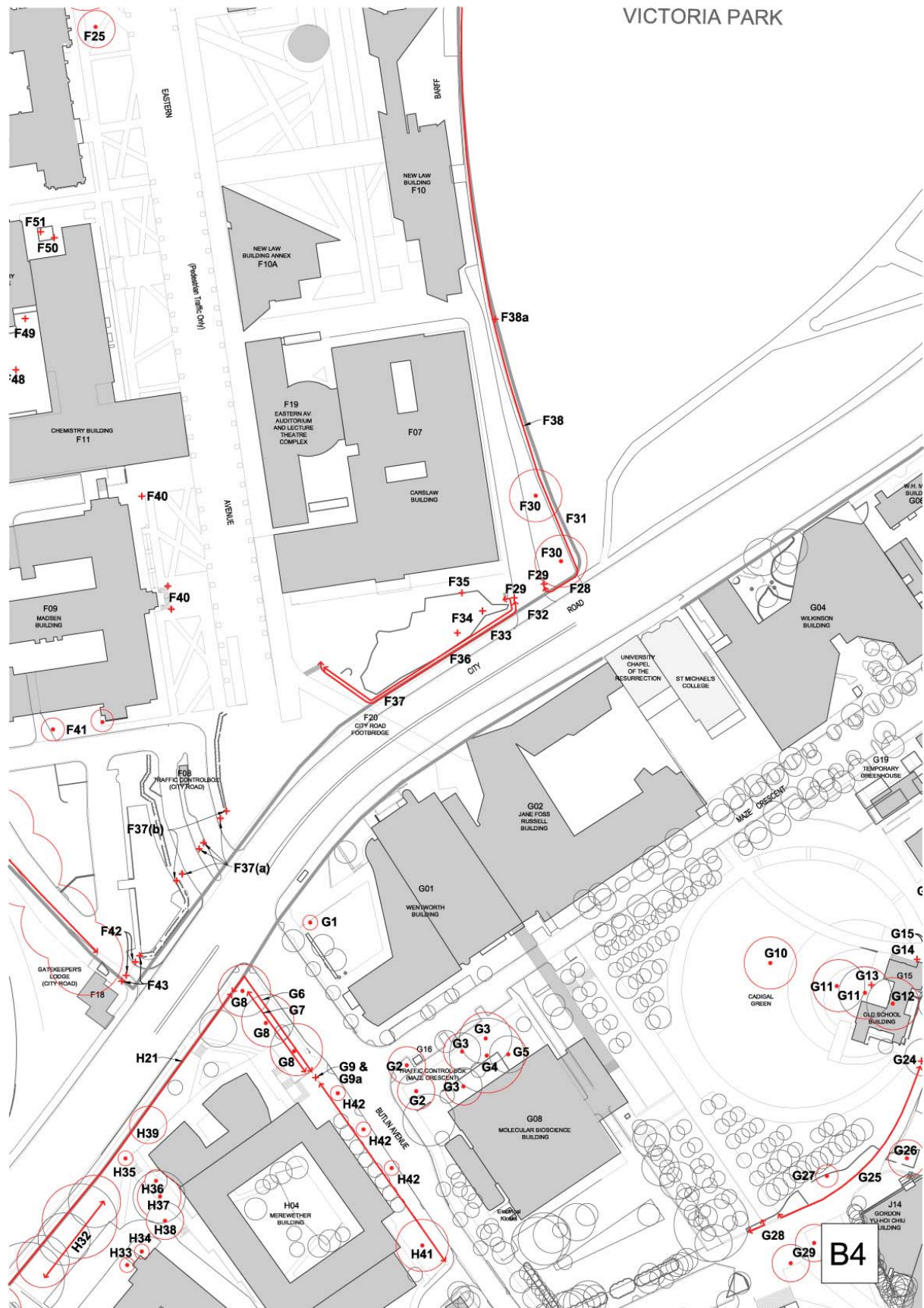


Figure 2. 15: Site Features Survey Plan B4

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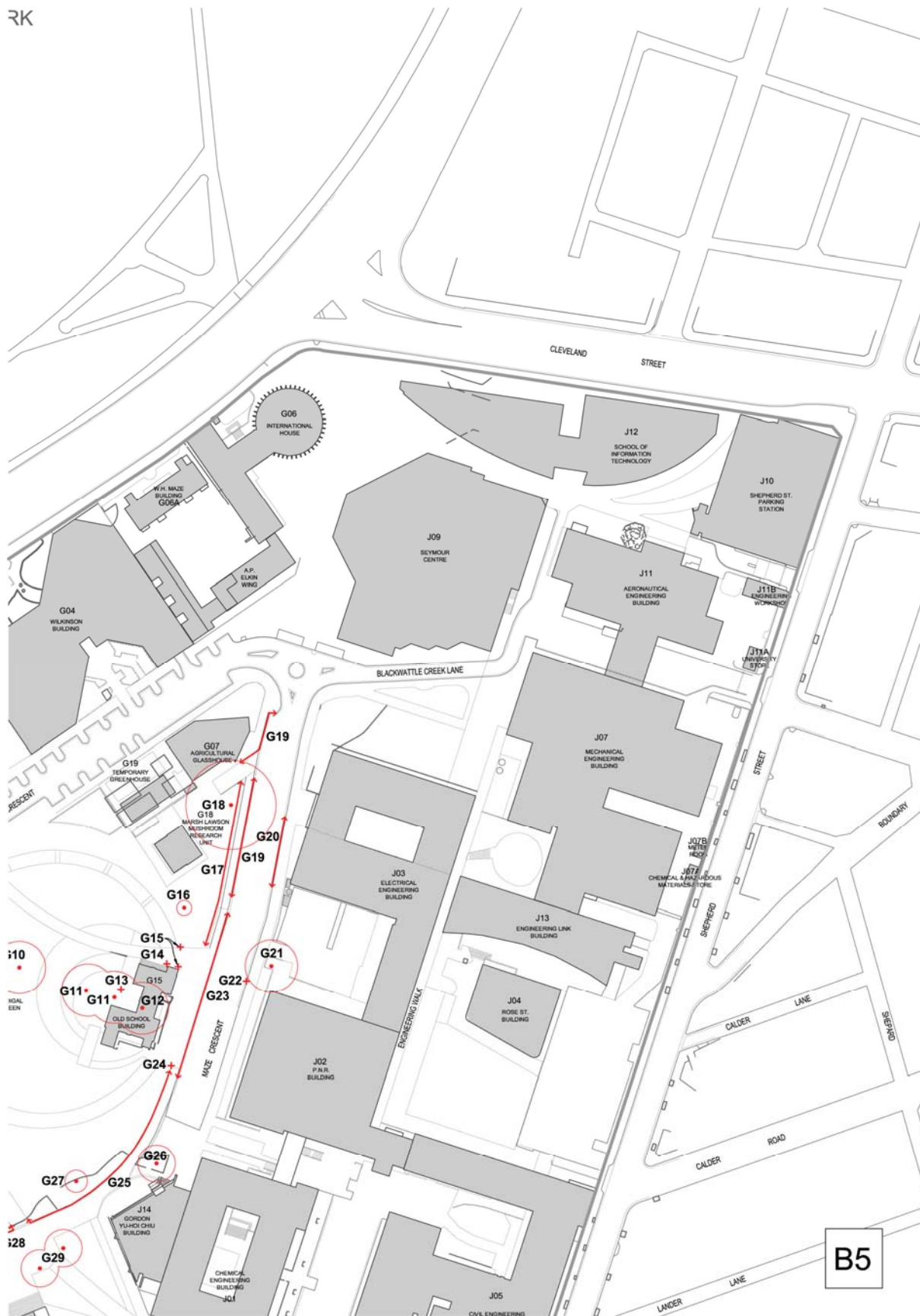


Figure 2. 16: Site Features Survey Plan B5

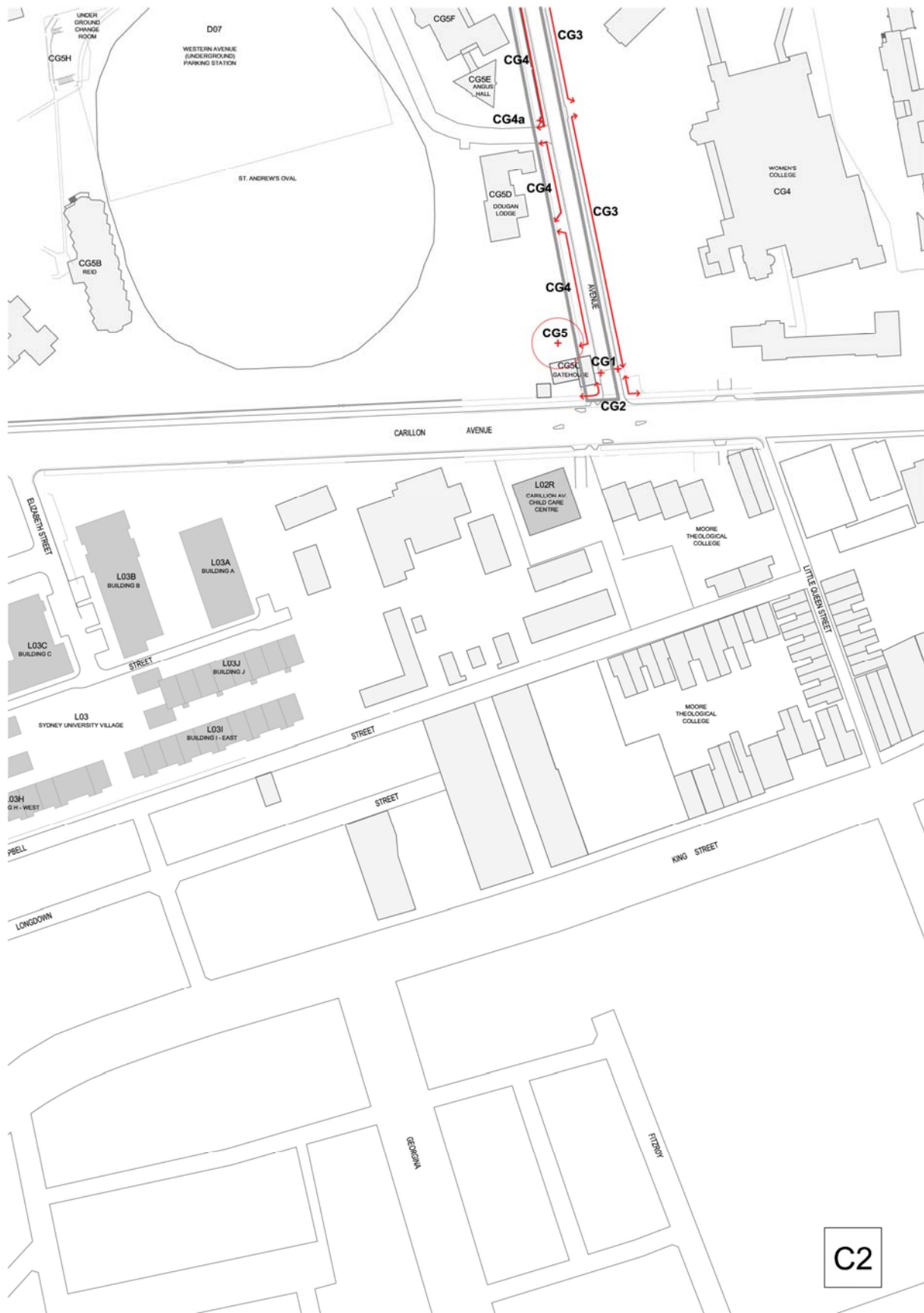


Figure 2. 17: Site Features Survey Plan C2

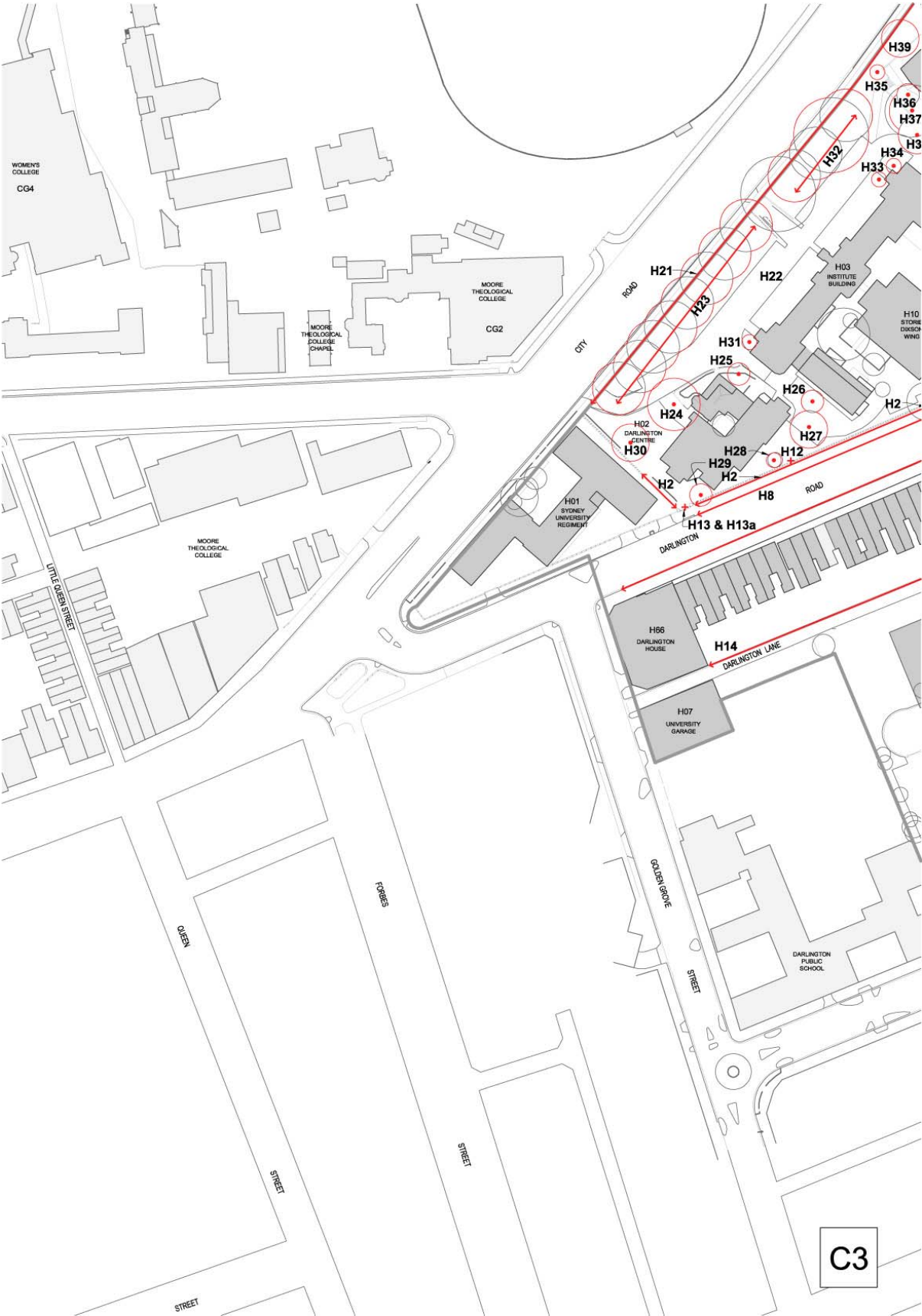
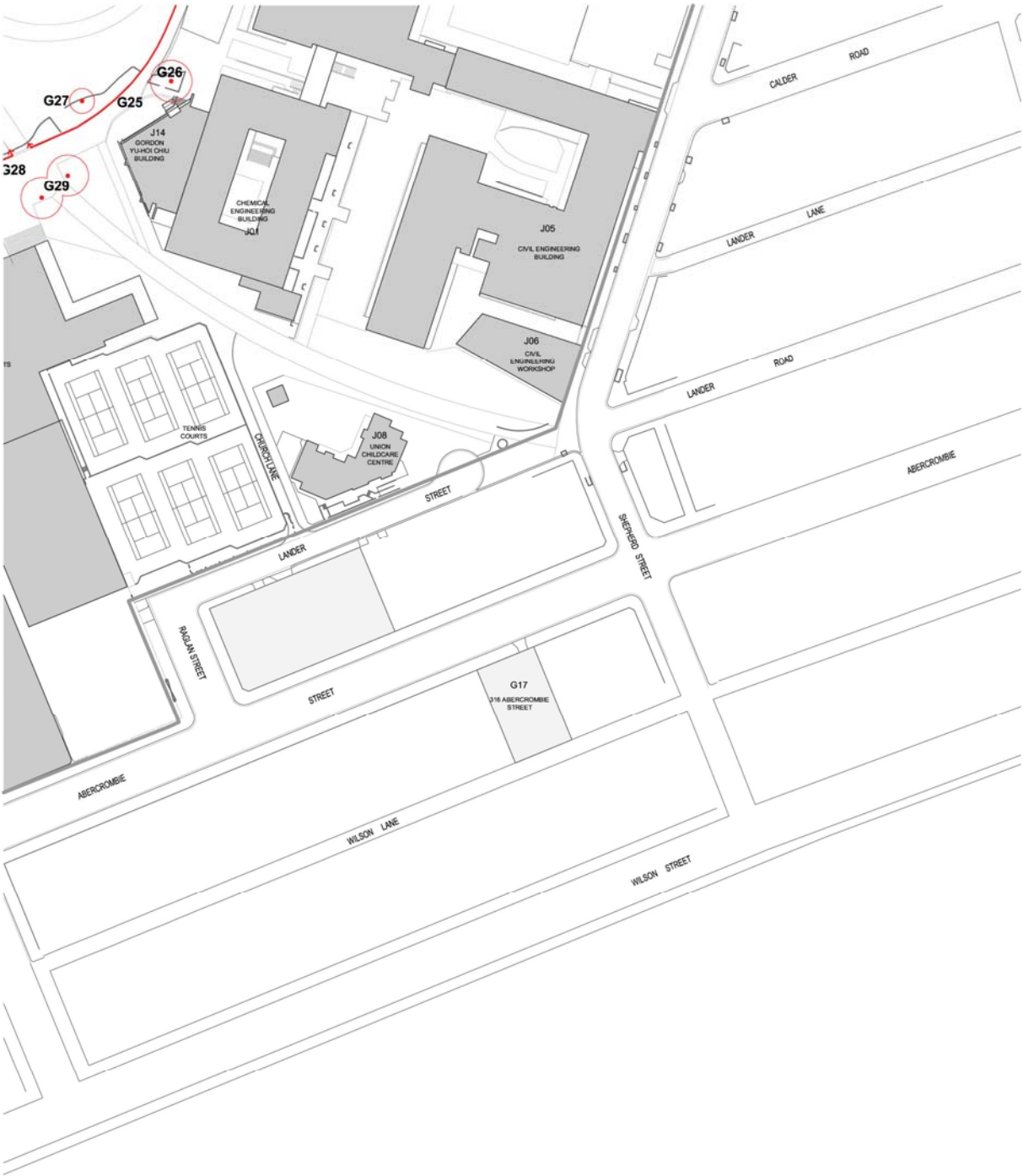


Figure 2. 18: Site Features Survey Plan C3



C5

Figure 2. 20: Site Features Survey Plan C5